

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004821.D
 Acq On : 28 Sep 2018 15:12
 Operator : JC/MD
 Sample : VX0928MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

Quant Time: Sep 29 06:24:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206069	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164956	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	5.50	113	132548	42.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.74%	
50) Toluene-d8	8.72	98	508192	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	184975	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70736	21.891	ug/l	99
3) Chloromethane	1.32	50	77180	19.687	ug/l	99
4) Vinyl Chloride	1.40	62	77451	21.064	ug/l	99
5) Bromomethane	1.64	94	36485	16.733	ug/l	97
6) Chloroethane	1.71	64	44126	20.655	ug/l	98
7) Trichlorofluoromethane	1.93	101	96923	21.292	ug/l	96
8) Diethyl Ether	2.19	74	38946	19.694	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	53834	20.762	ug/l	97
10) Methyl Iodide	2.51	142	39920	11.505	ug/l	99
11) Tert butyl alcohol	3.07	59	93838	99.131	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51703	20.134	ug/l	96
13) Acrolein	2.29	56	50957	75.660	ug/l	94
14) Allyl chloride	2.73	41	117327	20.940	ug/l	95
15) Acrylonitrile	3.15	53	212298	101.879	ug/l	99
16) Acetone	2.45	43	193892	98.099	ug/l	98
17) Carbon Disulfide	2.57	76	149817	19.416	ug/l	99
18) Methyl Acetate	2.78	43	110460	22.058	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	190790	21.540	ug/l	98
20) Methylene Chloride	2.85	84	60142	20.432	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	55668	19.803	ug/l	93
22) Diisopropyl ether	3.87	45	197366	20.919	ug/l	95
23) Vinyl Acetate	3.82	43	866060	100.282	ug/l	96
24) 1,1-Dichloroethane	3.69	63	105919	18.820	ug/l	97
25) 2-Butanone	4.70	43	287230	98.589	ug/l	94
26) 2,2-Dichloropropane	4.58	77	77058	19.662	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	60493	19.264	ug/l	93
28) Bromochloromethane	5.01	49	49981	18.859	ug/l	89
29) Tetrahydrofuran	5.15	42	186334	102.902	ug/l	92
30) Chloroform	5.21	83	102603	19.290	ug/l	94
31) Cyclohexane	5.57	56	91891	21.333	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	87095	20.050	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75107	17.803	ug/l	99
37) Ethyl Acetate	4.85	43	101817	18.182	ug/l	97
38) Carbon Tetrachloride	5.78	117	74546	16.810	ug/l	97

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 Data File : VX004821.D
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 Sample : VX0928MBS01
 Misc : 5.00µl/10mL/100µlL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

Quant Time: Sep 29 06:24:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84287	19.566	ug/l	94
40) Benzene	6.14	78	231936	17.561	ug/l	99
41) Methacrylonitrile	5.06	41	55959	18.019	ug/l	96
42) 1,2-Dichloroethane	6.20	62	82336	17.634	ug/l	98
43) Isopropyl Acetate	6.46	43	146066	18.071	ug/l	95
44) Trichloroethene	7.21	130	60499	18.633	ug/l	93
45) 1,2-Dichloropropane	7.52	63	64176	19.814	ug/l	99
46) Dibromomethane	7.66	93	39786	19.546	ug/l	97
47) Bromodichloromethane	7.90	83	74630	19.582	ug/l	100
48) Methyl methacrylate	7.77	41	77068	21.007	ug/l	93
49) 1,4-Dioxane	7.76	88	35087	384.965	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	532255	104.584	ug/l	93
52) Toluene	8.79	92	144214	19.871	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	80748	18.750	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	89974	19.946	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	59379	18.679	ug/l	94
56) Ethyl methacrylate	9.18	69	89418	19.204	ug/l	94
57) 1,3-Dichloropropane	9.37	76	100666	19.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	262340	104.561	ug/l	93
59) 2-Hexanone	9.50	43	416441	98.195	ug/l	93
60) Dibromochloromethane	9.59	129	57884	18.207	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60695	17.828	ug/l	100
64) Tetrachloroethene	9.34	164	58508	17.240	ug/l	98
65) Chlorobenzene	10.14	112	158437	17.918	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	55767	17.940	ug/l	99
67) Ethyl Benzene	10.26	91	266534	18.987	ug/l	99
68) m/p-Xylenes	10.36	106	208469	38.003	ug/l	94
69) o-Xylene	10.70	106	98680	19.585	ug/l	96
70) Styrene	10.71	104	166722	19.075	ug/l	97
71) Bromoform	10.86	173	46451	17.454	ug/l	# 100
73) Isopropylbenzene	11.02	105	268928	20.705	ug/l	99
74) N-amyl acetate	10.90	43	127450	18.976	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	97816	18.500	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	107628	23.302	ug/l	89
77) Bromobenzene	11.26	156	72554	19.231	ug/l	96
78) n-propylbenzene	11.36	91	306019	20.534	ug/l	99
79) 2-Chlorotoluene	11.42	91	187028	20.134	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	226999	18.945	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	25200	16.277	ug/l	95
82) 4-Chlorotoluene	11.51	91	219979	20.119	ug/l	98
83) tert-Butylbenzene	11.77	119	218832	20.463	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	233804	18.921	ug/l	98
85) sec-Butylbenzene	11.94	105	269521	20.691	ug/l	98
86) p-Isopropyltoluene	12.07	119	239863	20.325	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	133874	19.003	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	134447	18.488	ug/l	97
89) n-Butylbenzene	12.39	91	208256	19.431	ug/l	97
90) Hexachloroethane	12.60	117	37087	18.875	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	132517	18.000	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22067	19.008	ug/l	94

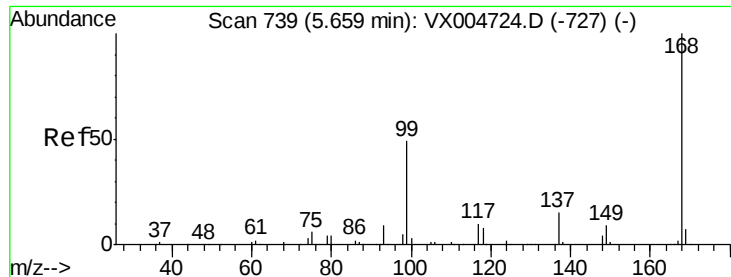
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
Data File : VX004821.D
Acq On : 28 Sep 2018 15:12
Operator : JC/MD
Sample : VX0928MBS01
Misc : 5.00µ/10mL/100µL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

Quant Time: Sep 29 06:24:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96190	18.626	µg/l	98
94) Hexachlorobutadiene	13.79	225	46906	17.515	µg/l	97
95) Naphthalene	13.83	128	301769	18.071	µg/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	98800	18.520	µg/l	99

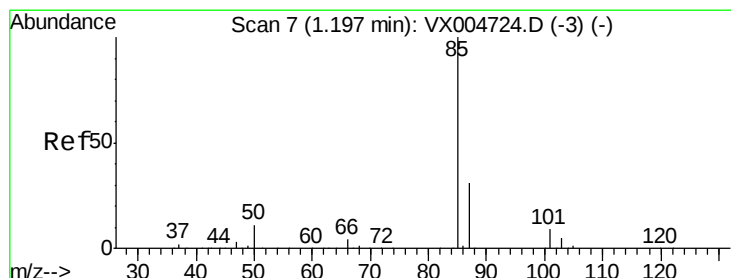
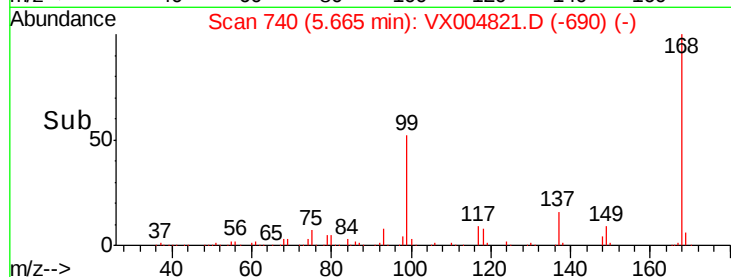
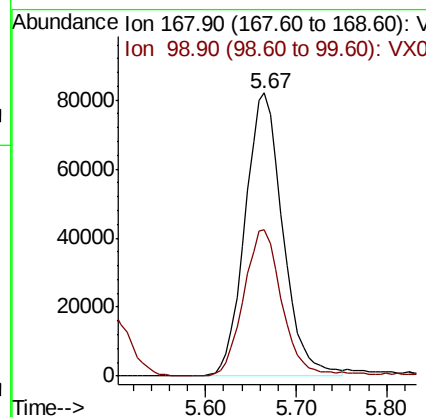
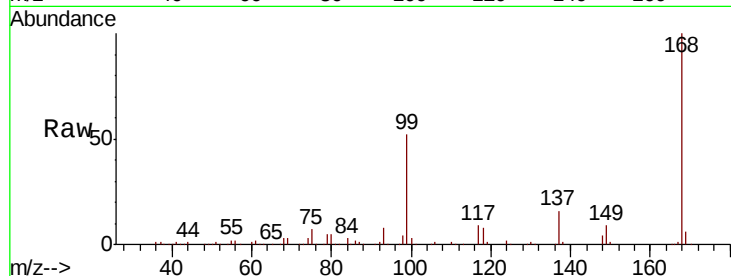
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

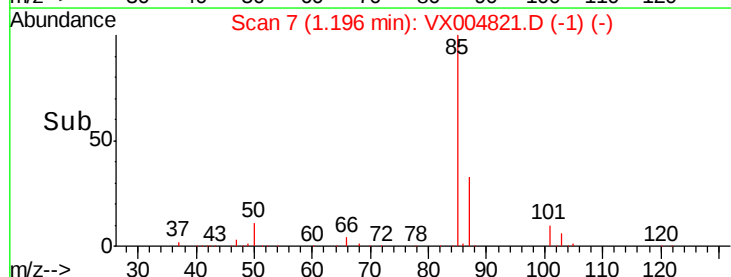
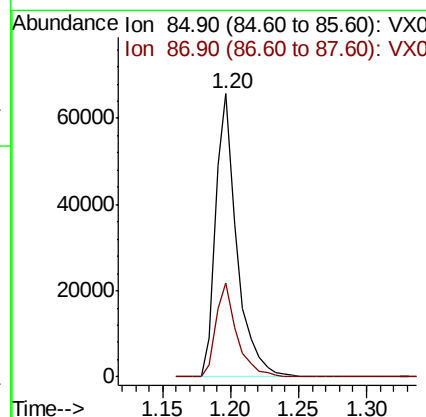
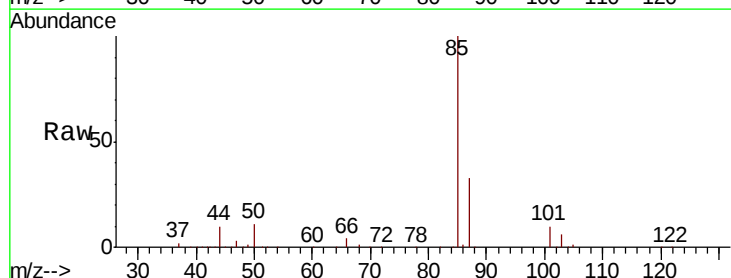
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

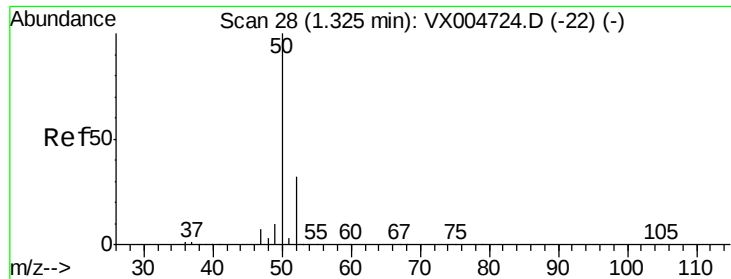
Tot Ion:168 Resp: 236993
Ion Ratio Lower Upper
168 100
99 51.6 39.9 59.9



#2
Dichlorodifluoromethane
Concen: 21.891 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion: 85 Resp: 70736
Ion Ratio Lower Upper
85 100
87 33.2 17.0 50.9





#3

Chloromethane

Concen: 19.687 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

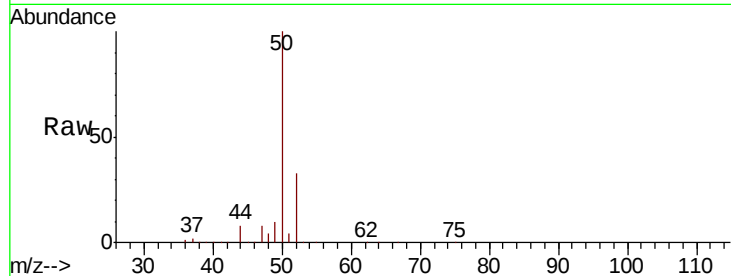
VX0928MBS01

Tot Ion: 50 Resp: 77180

Ion Ratio Lower Upper

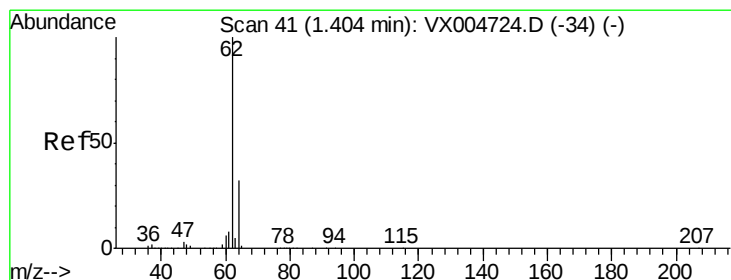
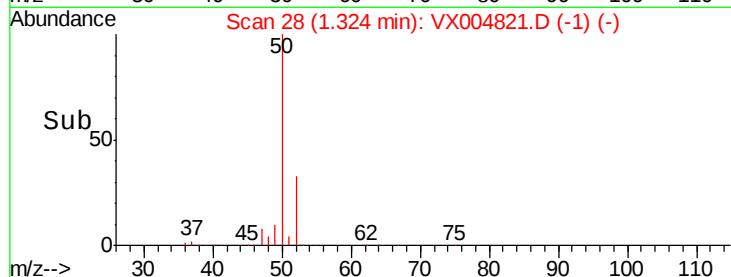
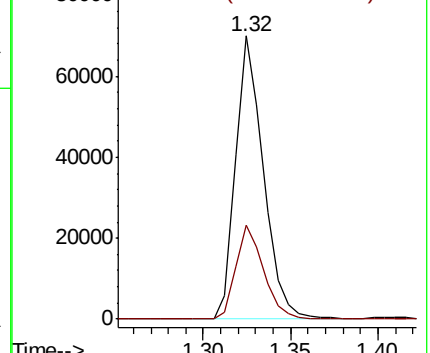
50 100

52 33.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.064 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004821.D

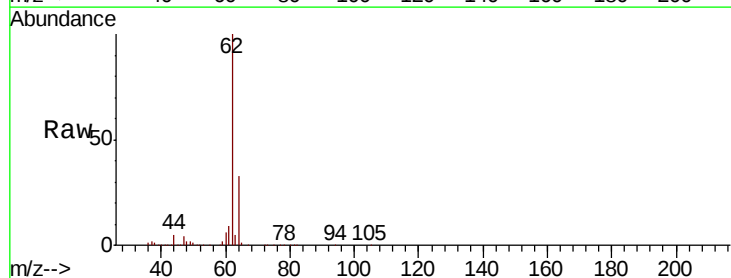
Acq: 28 Sep 2018 15:12

Tgt Ion: 62 Resp: 77451

Ion Ratio Lower Upper

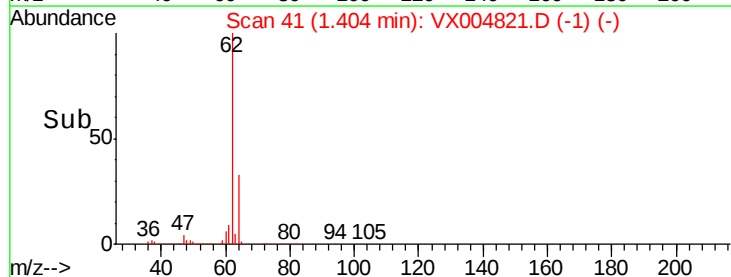
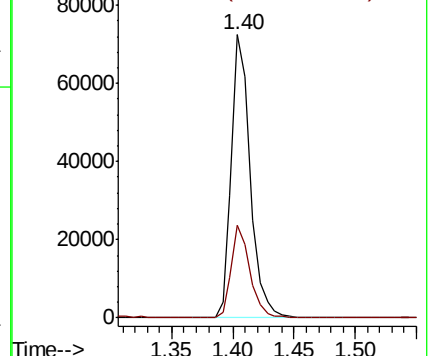
62 100

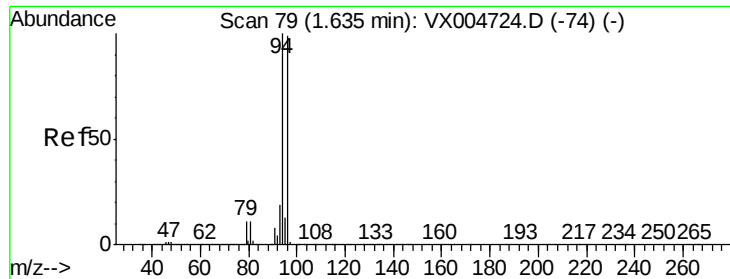
64 32.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.733 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

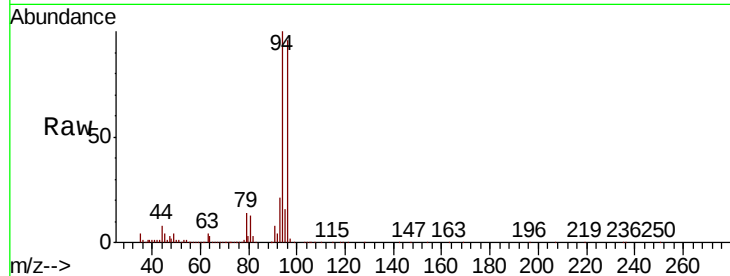
VX0928MBS01

Tot Ion: 94 Resp: 36485

Ion Ratio Lower Upper

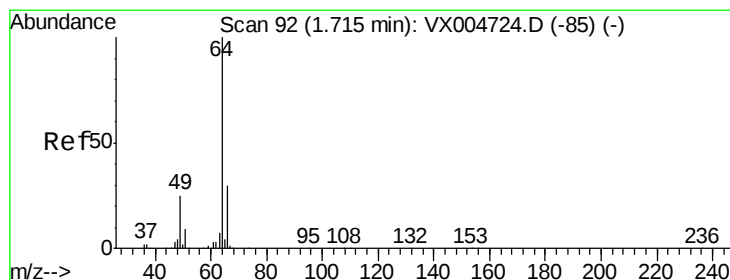
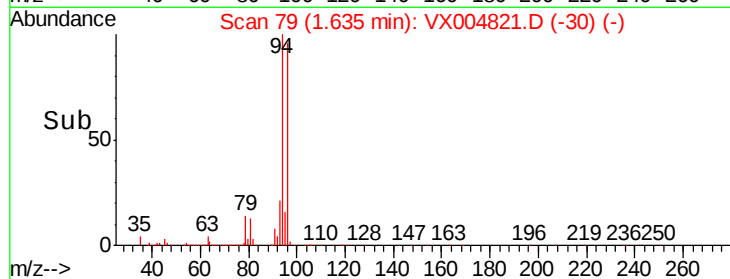
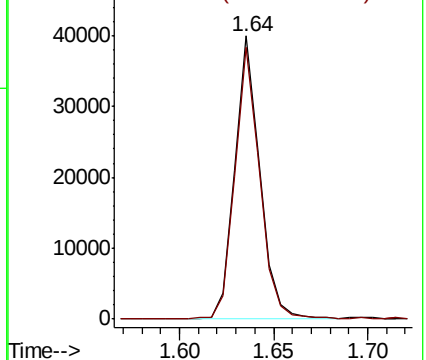
94 100

96 96.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.655 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004821.D

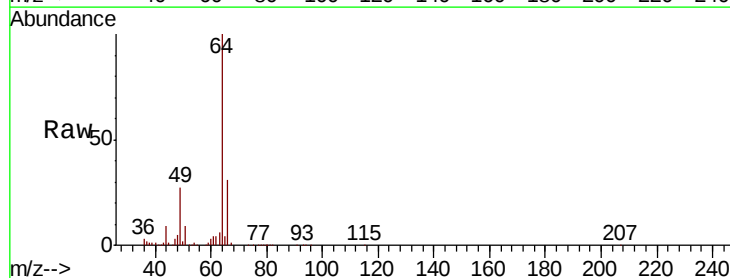
Acq: 28 Sep 2018 15:12

Tgt Ion: 64 Resp: 44126

Ion Ratio Lower Upper

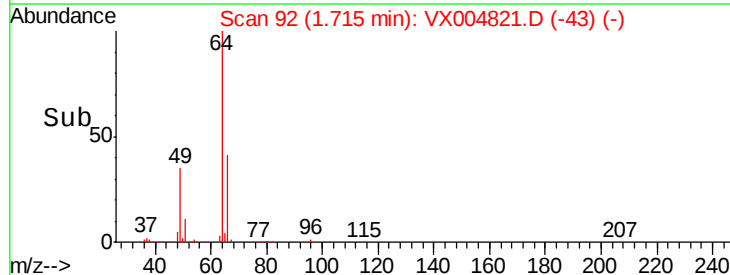
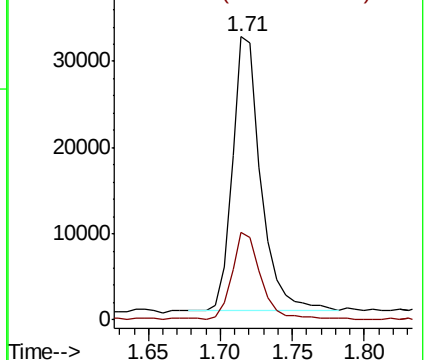
64 100

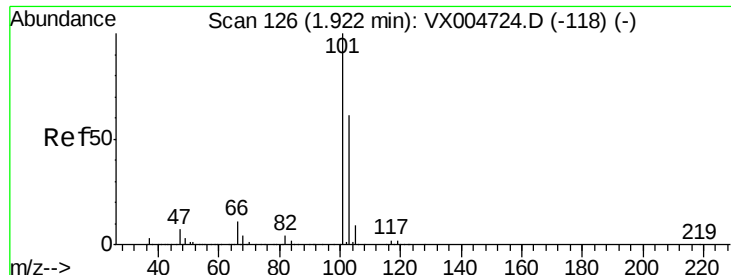
66 31.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



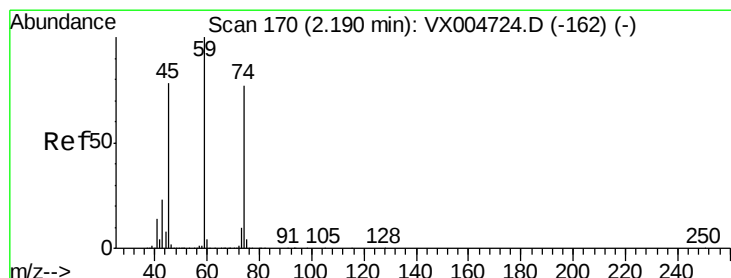
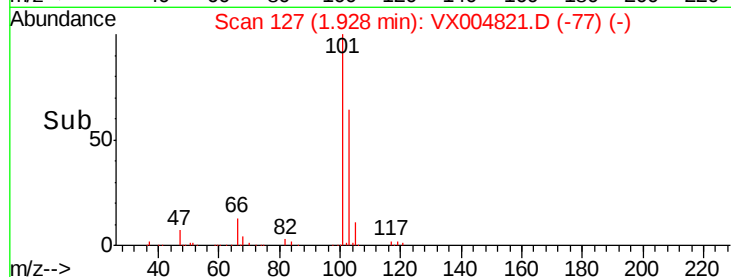
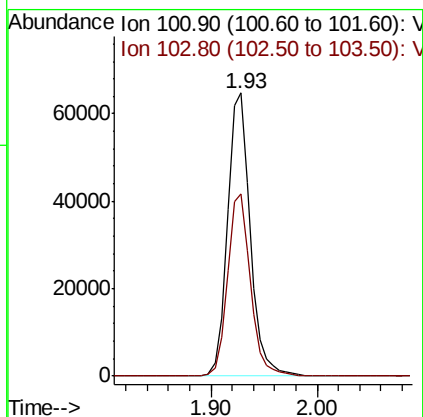
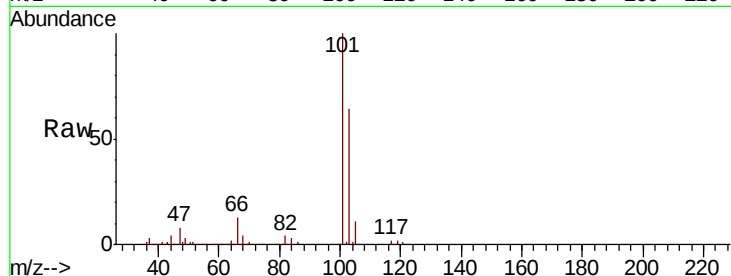


#7

Trichlorofluoromethane
 Concen: 21.292 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

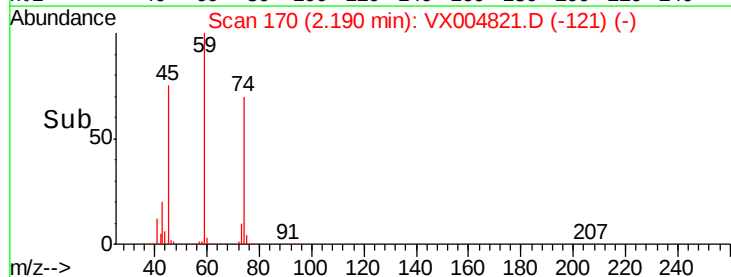
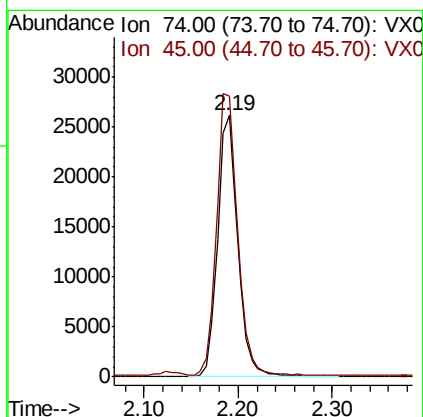
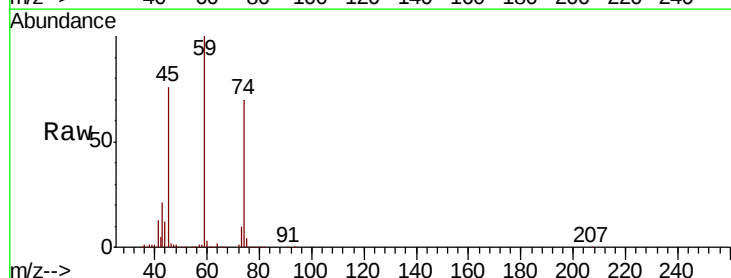
Tot Ion:101 Resp: 96923
 Ion Ratio Lower Upper
 101 100
 103 64.4 48.9 73.3

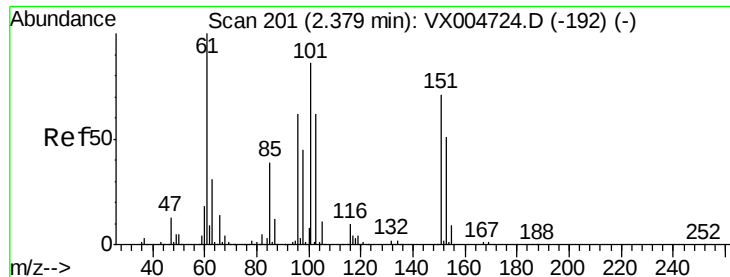


#8

Diethyl Ether
 Concen: 19.694 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Tgt Ion: 74 Resp: 38946
 Ion Ratio Lower Upper
 74 100
 45 110.7 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.762 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

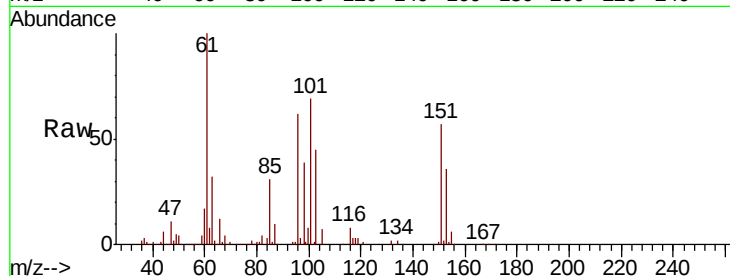
Tot Ion:101 Resp: 53834

Ion Ratio Lower Upper

101 100

85 45.2 34.2 51.4

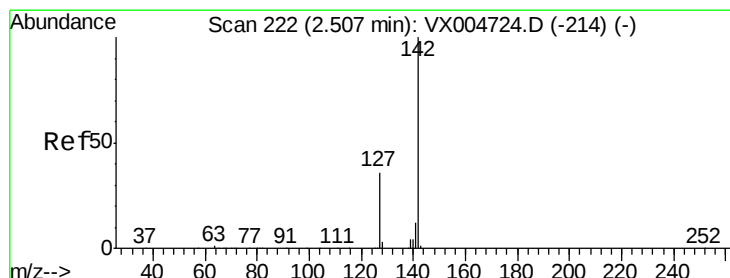
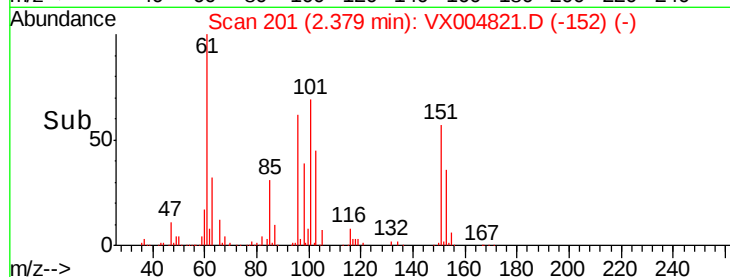
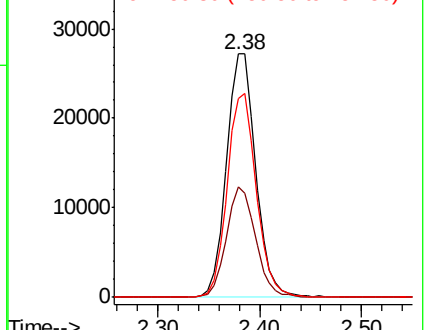
151 83.2 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.505 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

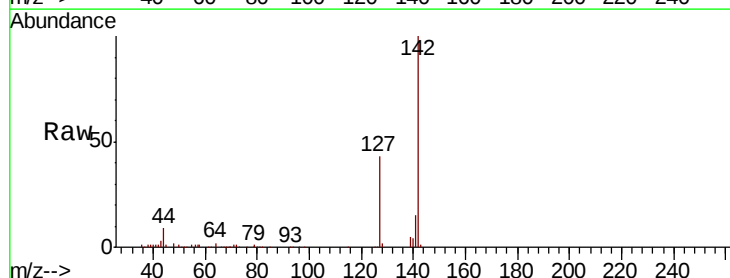
Tgt Ion:142 Resp: 39920

Ion Ratio Lower Upper

142 100

127 42.8 33.8 50.6

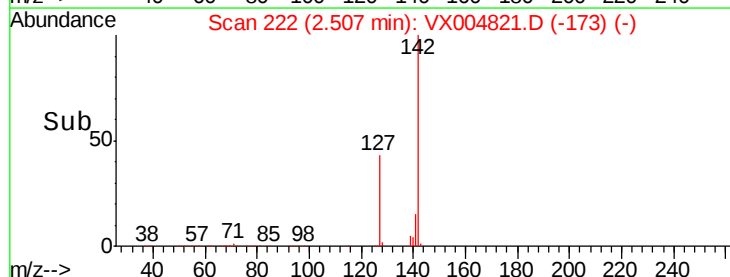
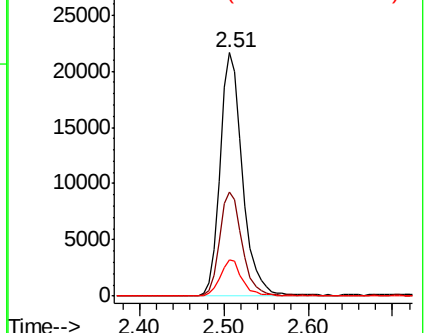
141 14.4 11.4 17.0

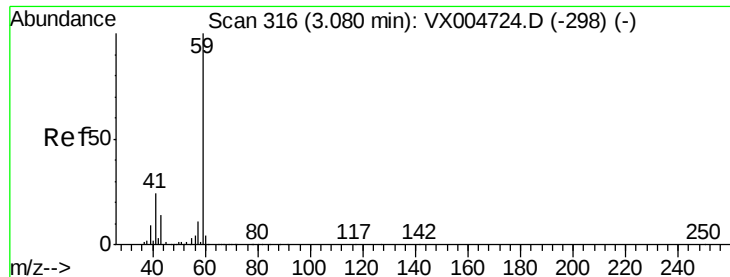


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

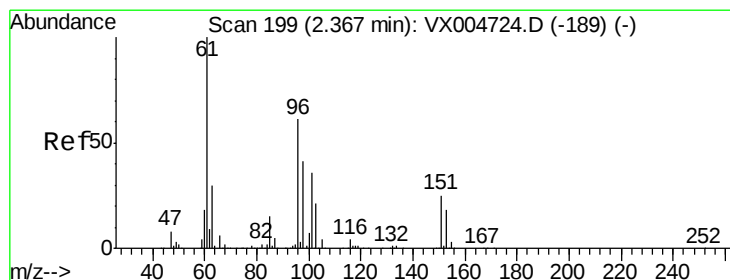
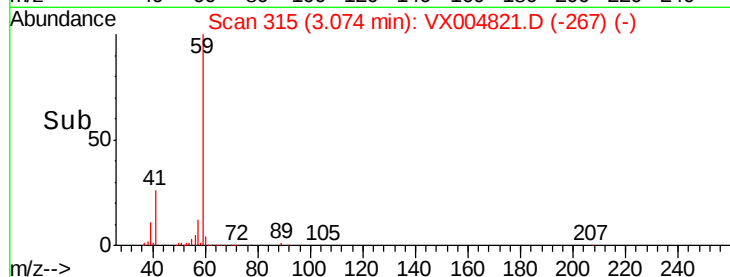
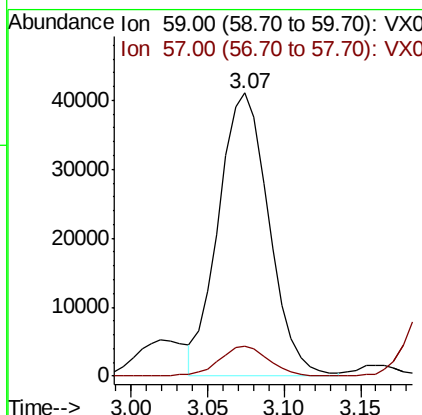
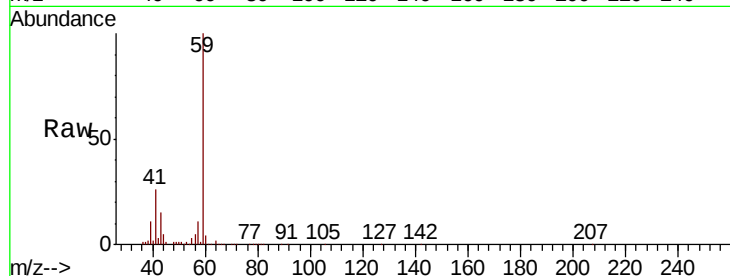




#11
Tert butyl alcohol
Concen: 99.131 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

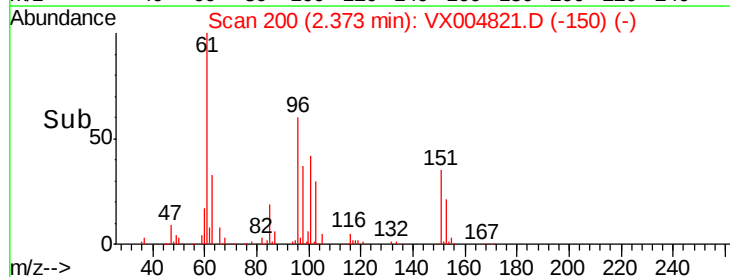
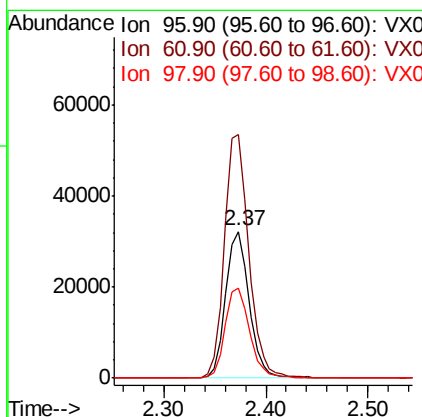
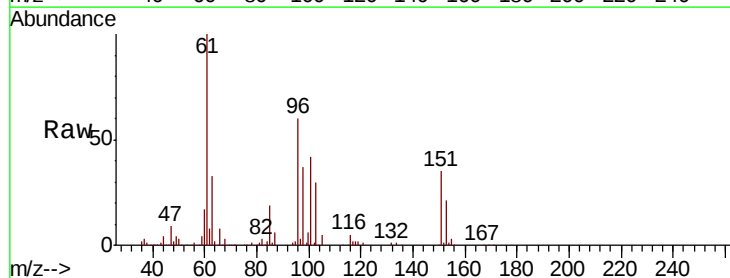
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

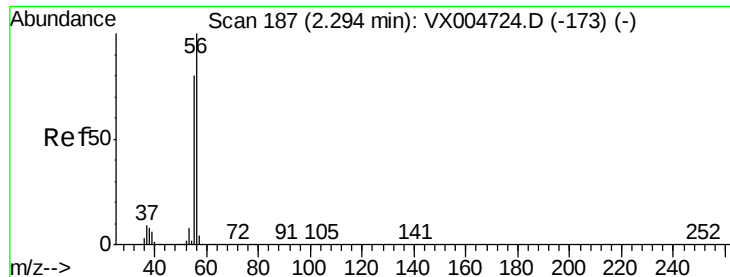
Tot Ion: 59 Resp: 93838
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.134 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion: 96 Resp: 51703
Ion Ratio Lower Upper
96 100
61 166.0 128.8 193.2
98 61.7 52.2 78.2





#13

Acrolein

Concen: 75.660 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

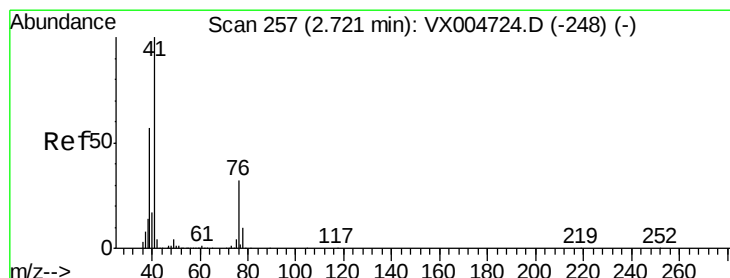
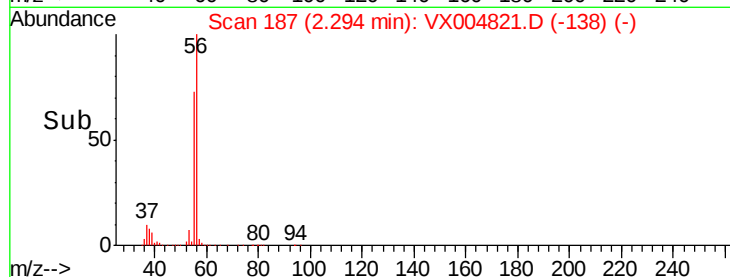
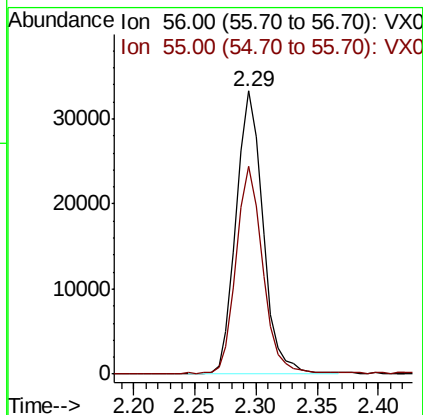
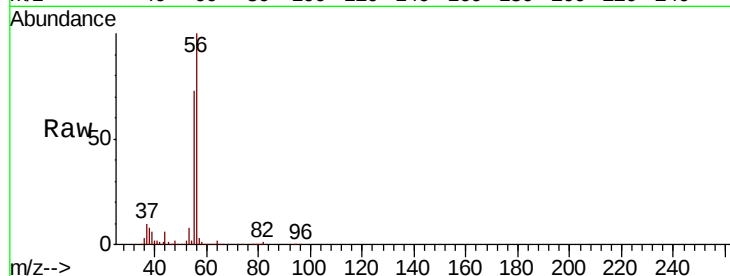
VX0928MBS01

Tot Ion: 56 Resp: 50957

Ion Ratio Lower Upper

56 100

55 73.3 54.7 82.1



#14

Allyl chloride

Concen: 20.940 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

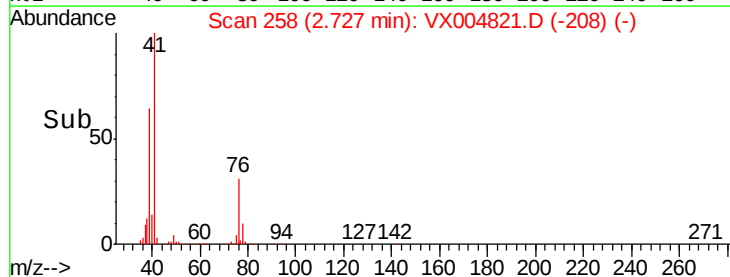
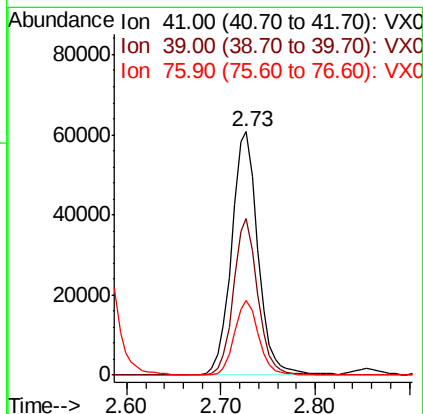
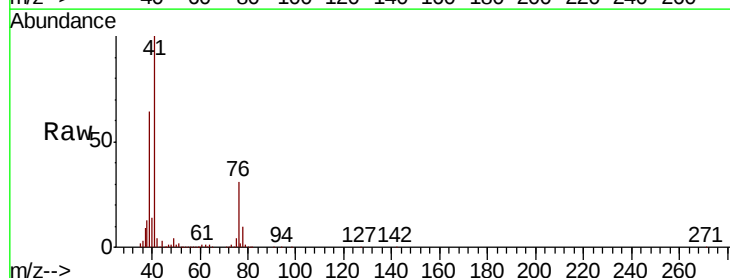
Tgt Ion: 41 Resp: 117327

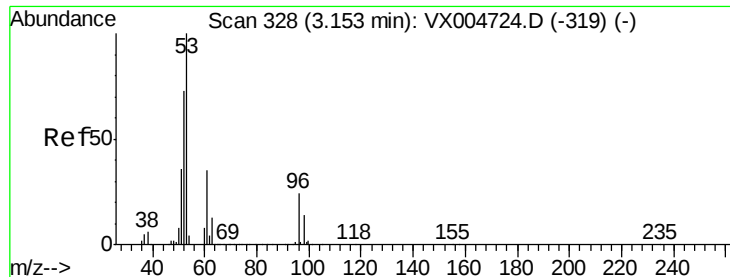
Ion Ratio Lower Upper

41 100

39 59.0 48.9 73.3

76 28.6 26.7 40.1





#15

Acrylonitrile

Concen: 101.879 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampled :

VX0928MBS01

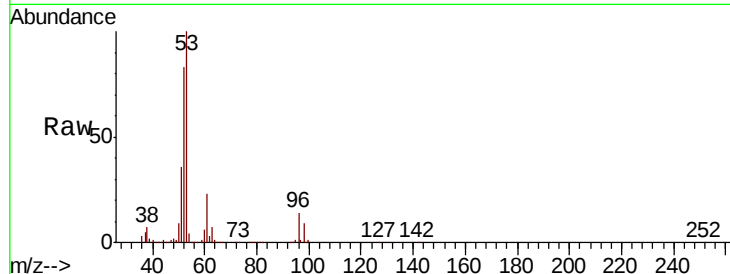
Tot Ion: 53 Resp: 212298

Ion Ratio Lower Upper

53 100

52 82.8 65.2 97.8

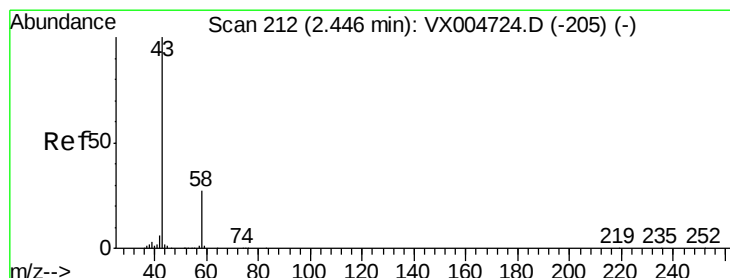
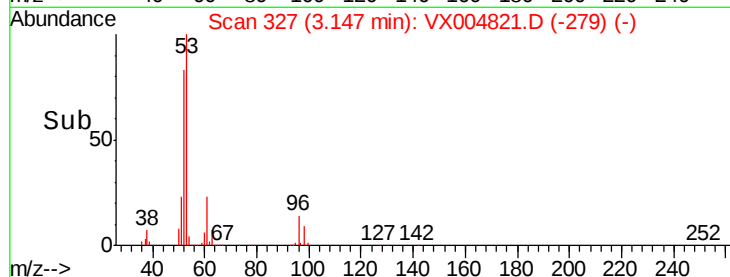
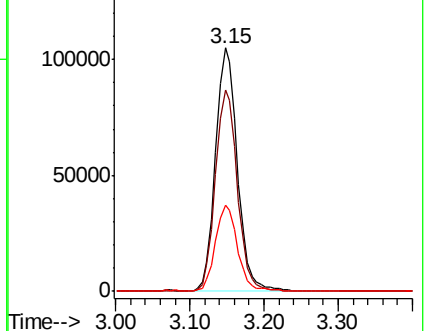
51 36.0 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.099 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004821.D

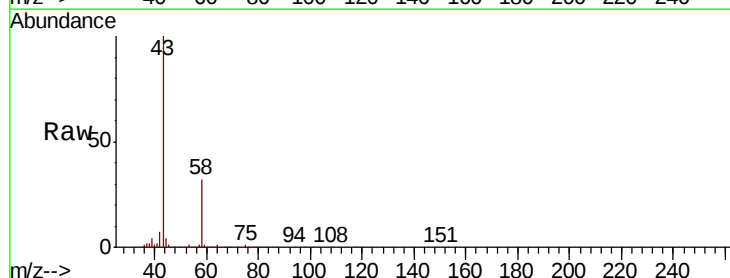
Acq: 28 Sep 2018 15:12

Tgt Ion: 43 Resp: 193892

Ion Ratio Lower Upper

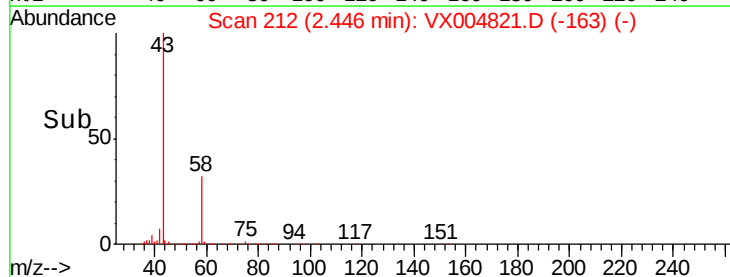
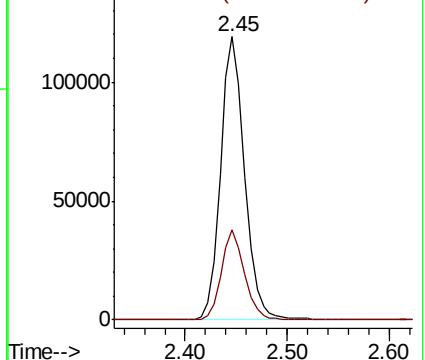
43 100

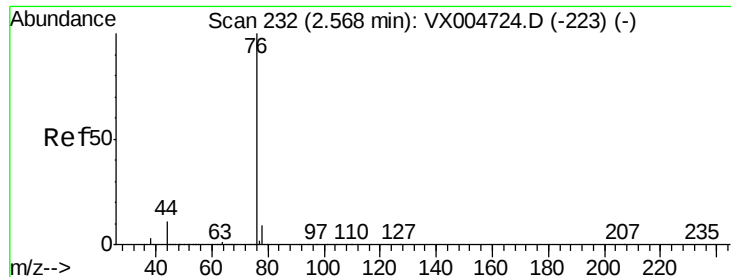
58 31.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

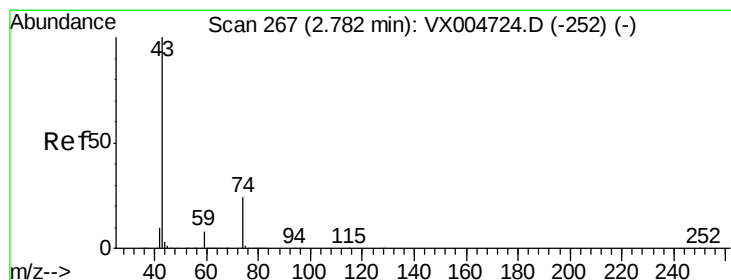
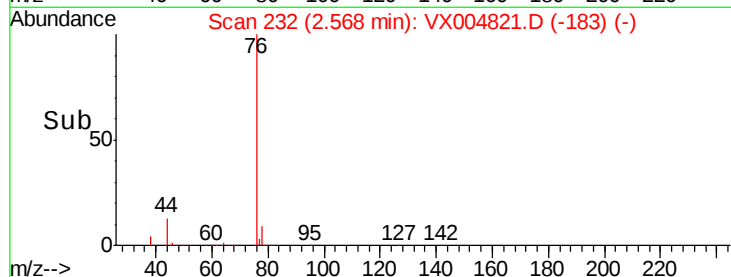
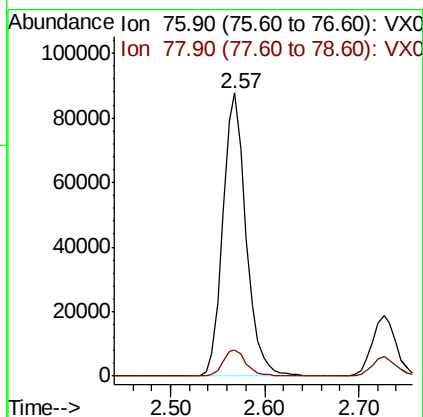
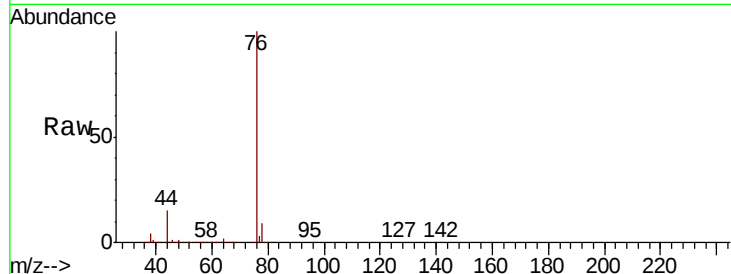




#17
Carbon Disulfide
Concen: 19.416 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

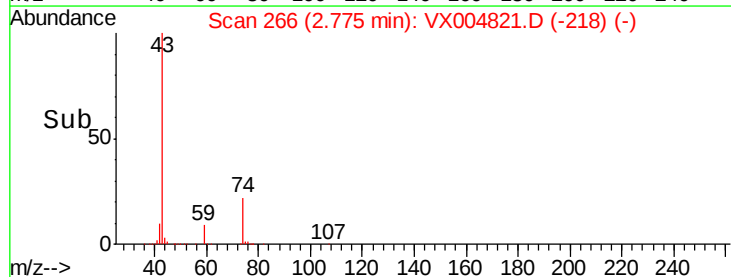
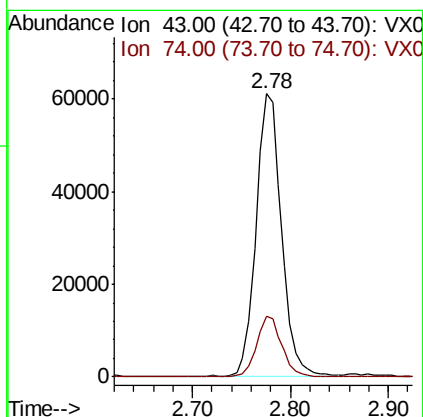
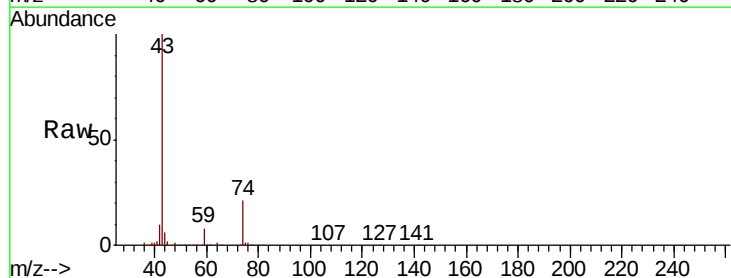
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

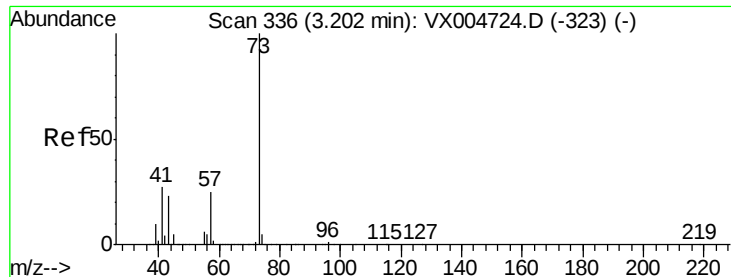
Tot Ion: 76 Resp: 149817
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 22.058 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion: 43 Resp: 110460
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2



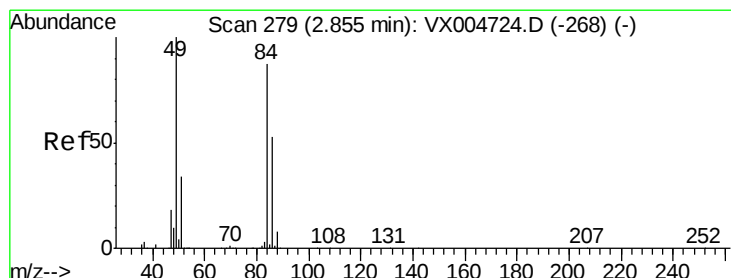
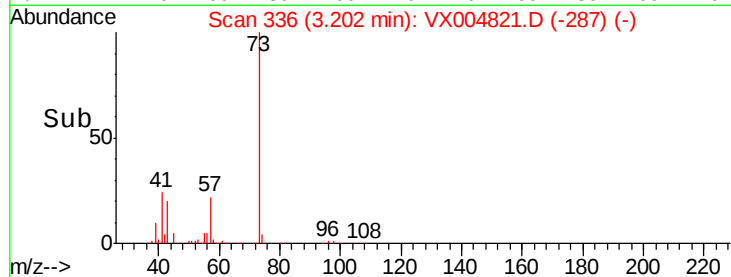
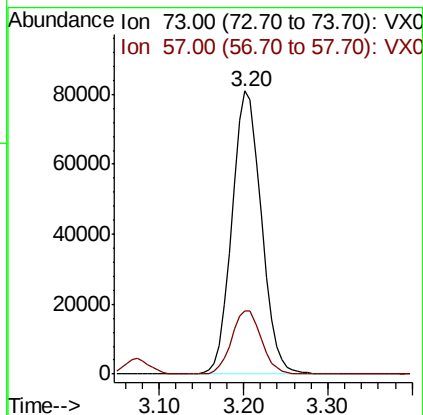
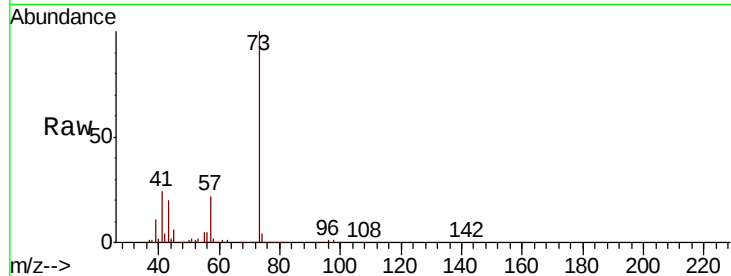


#19

Methyl tert-butyl Ether
 Concen: 21.540 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

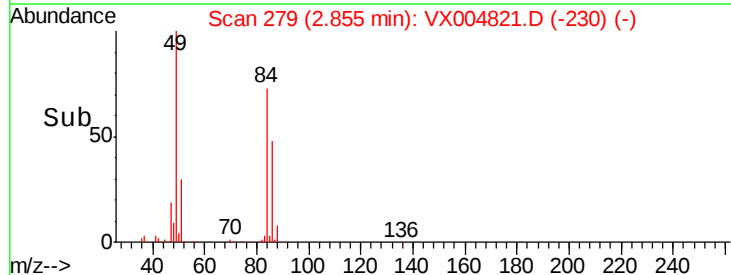
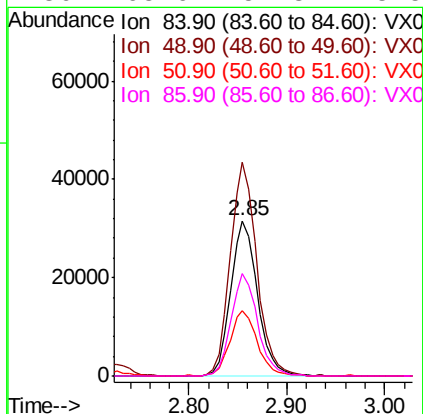
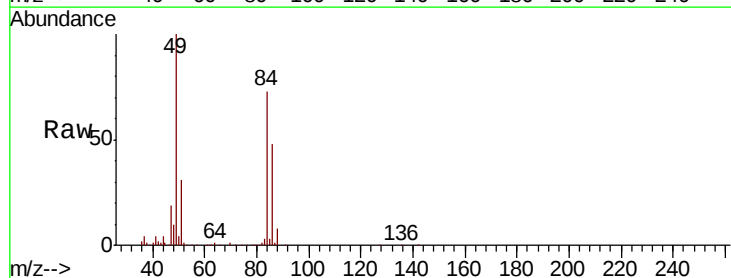
Tot Ion: 73 Resp: 190790
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.1 25.7

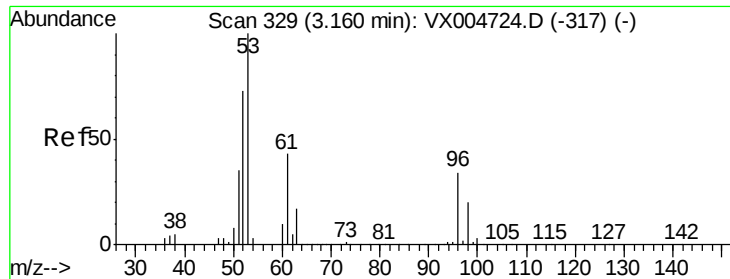


#20

Methylene Chloride
 Concen: 20.432 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Tgt Ion: 84 Resp: 60142
 Ion Ratio Lower Upper
 84 100
 49 137.4 101.2 151.8
 51 41.7 29.5 44.3
 86 65.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.803 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

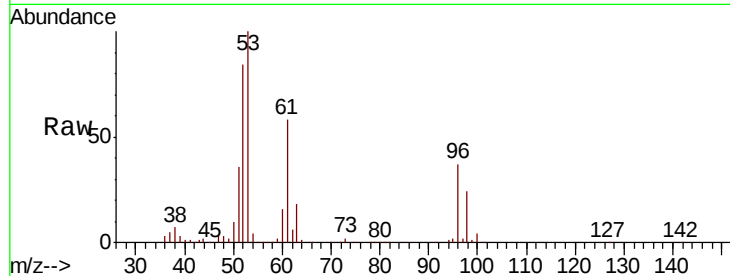
Tot Ion: 96 Resp: 55668

Ion Ratio Lower Upper

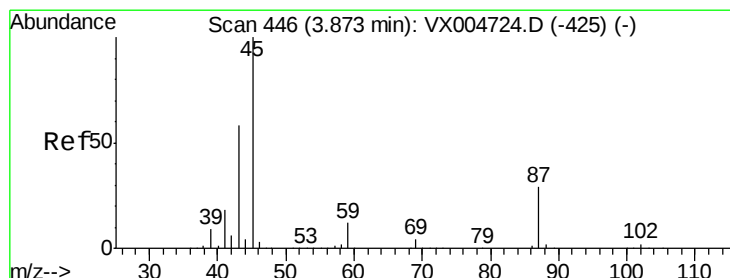
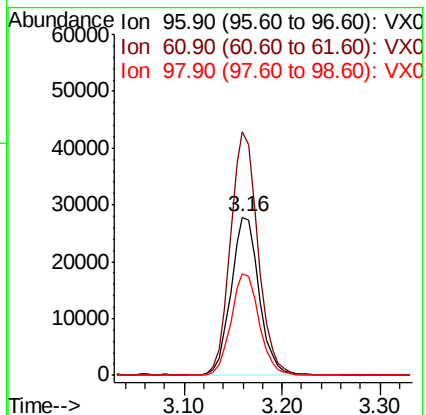
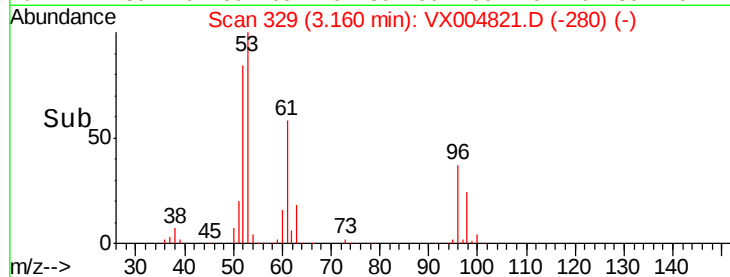
96 100

61 153.7 113.8 170.6

98 64.0 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.919 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Tgt Ion: 45 Resp: 197366

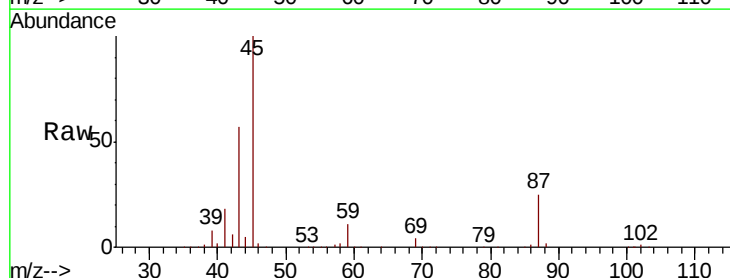
Ion Ratio Lower Upper

45 100

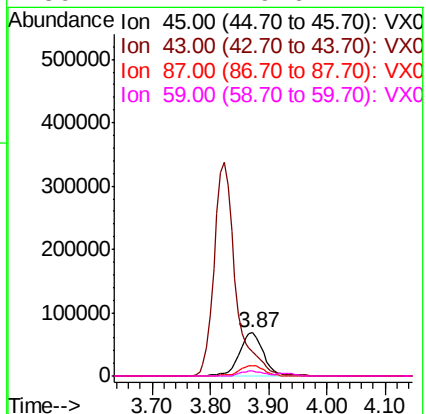
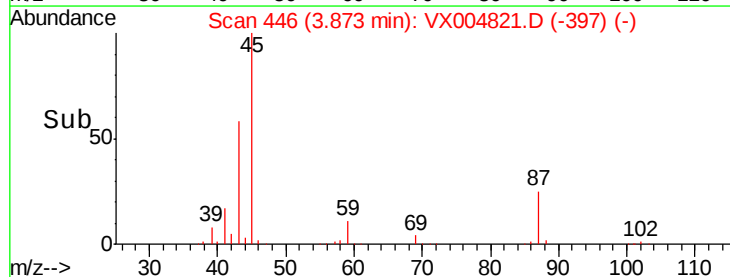
43 57.4 42.8 64.2

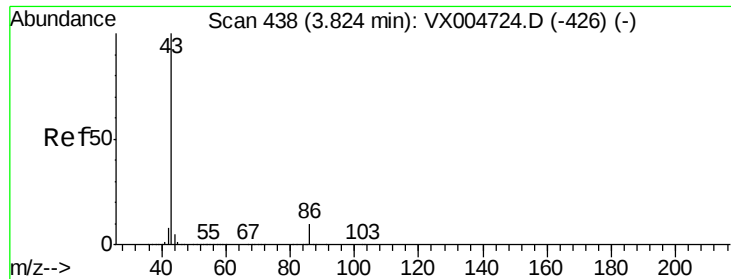
87 25.1 22.6 34.0

59 11.2 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.282 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

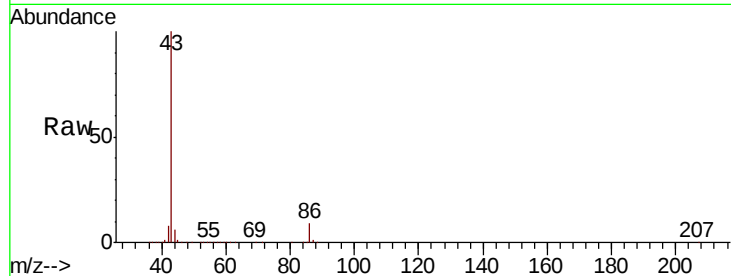
VX0928MBS01

Tot Ion: 43 Resp: 866060

Ion Ratio Lower Upper

43 100

86 9.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

300000

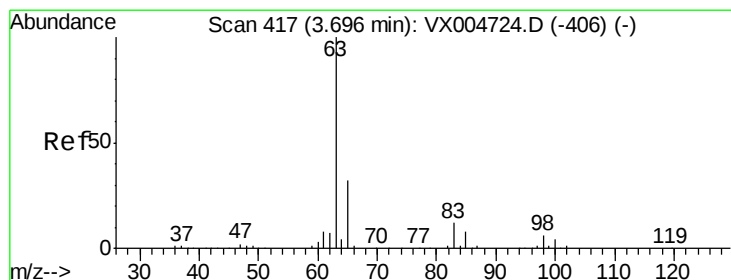
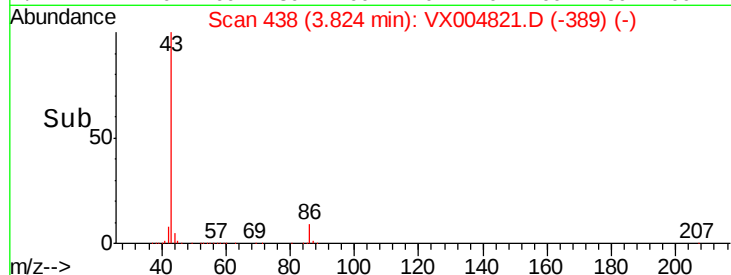
200000

100000

0

Time-->

3.80 4.00



#24

1,1-Dichloroethane

Concen: 18.820 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

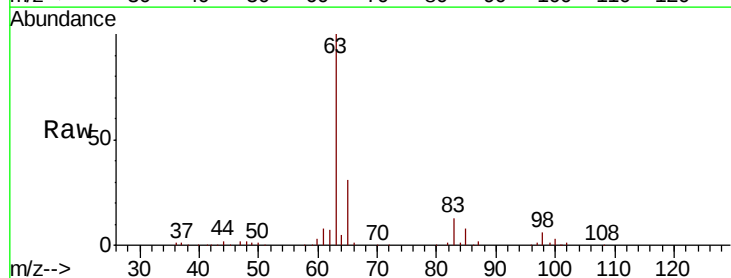
Tgt Ion: 63 Resp: 105919

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.4

100 3.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

30000

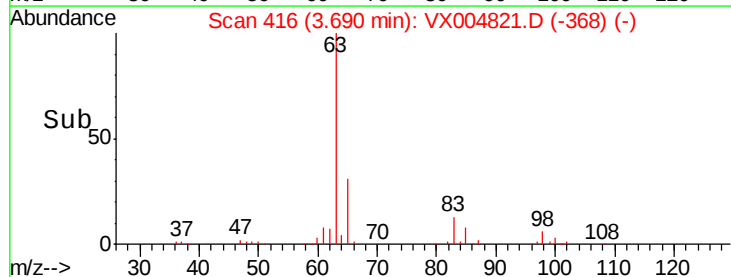
20000

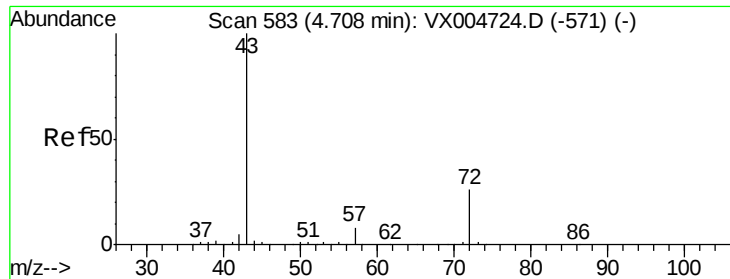
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 98.589 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

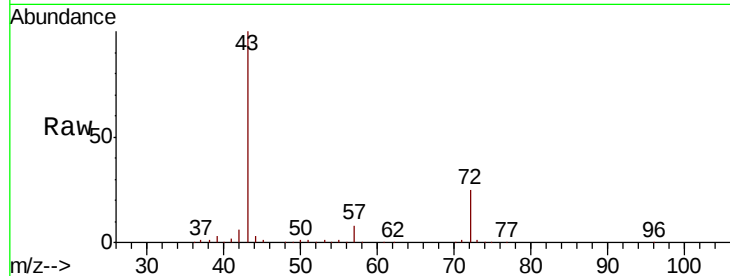
VX0928MBS01

Tot Ion: 43 Resp: 287230

Ion Ratio Lower Upper

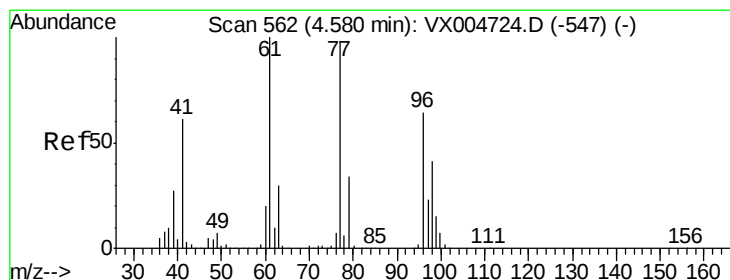
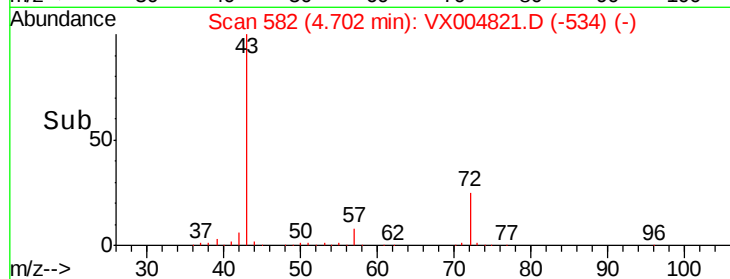
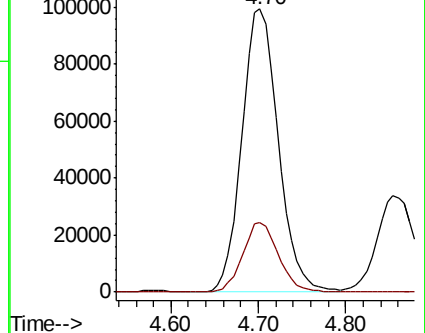
43 100

72 24.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.662 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004821.D

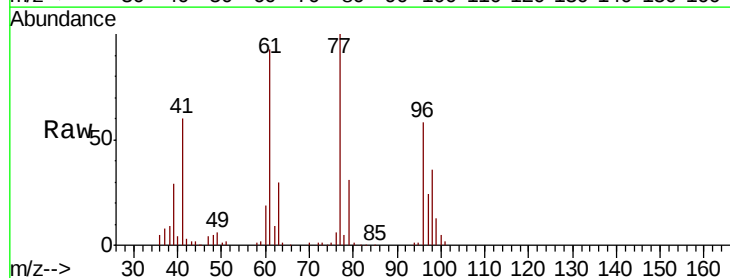
Acq: 28 Sep 2018 15:12

Tgt Ion: 77 Resp: 77058

Ion Ratio Lower Upper

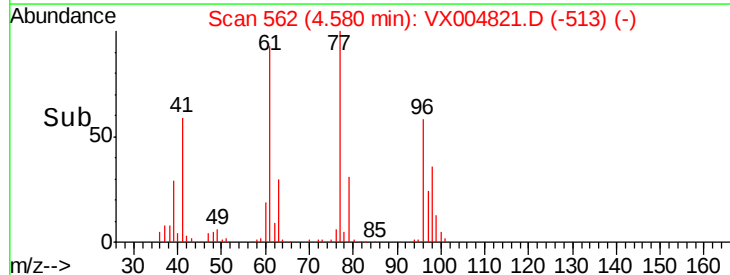
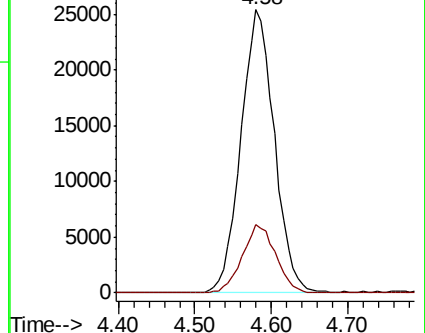
77 100

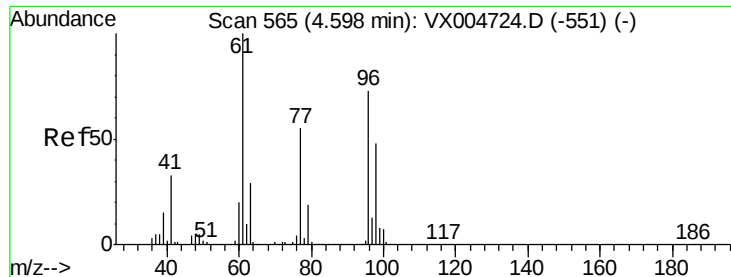
97 24.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



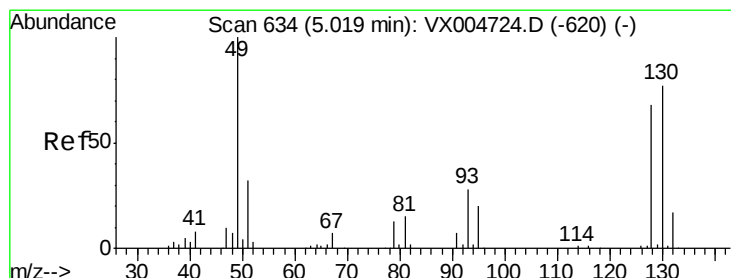
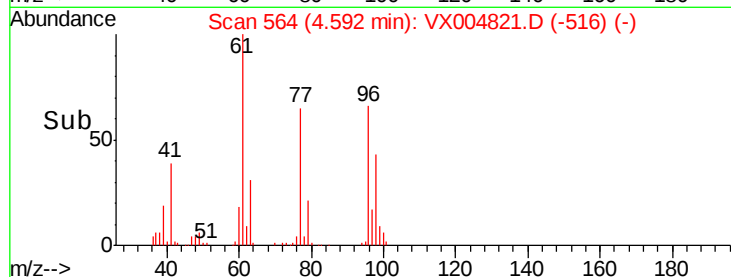
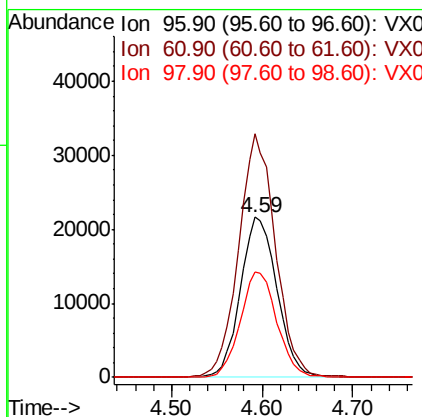
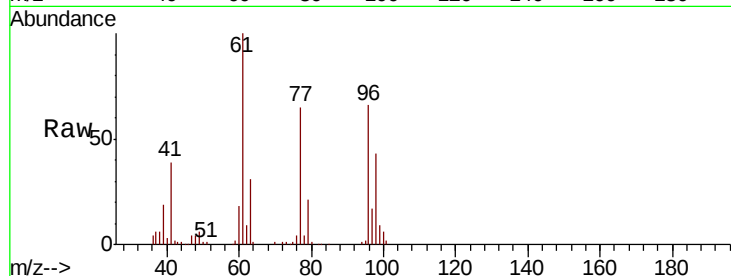


#27

cis-1,2-Dichloroethene
 Concen: 19.264 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

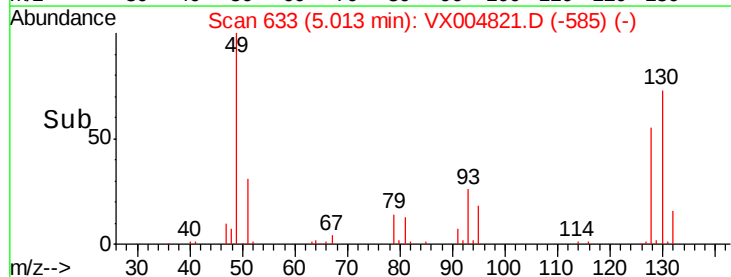
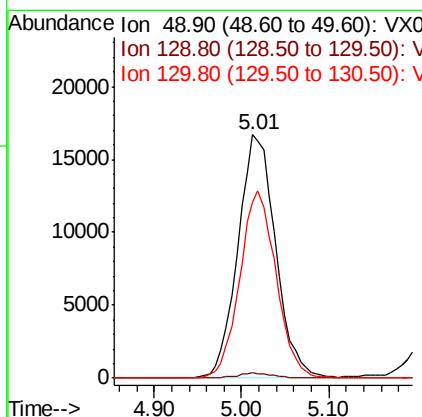
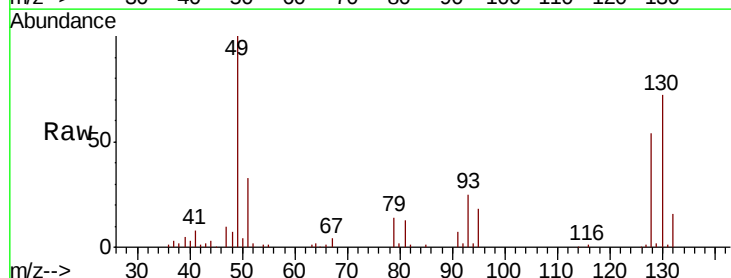
Tot Ion: 96 Resp: 60493
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 282.6
 98 65.5 0.0 130.2

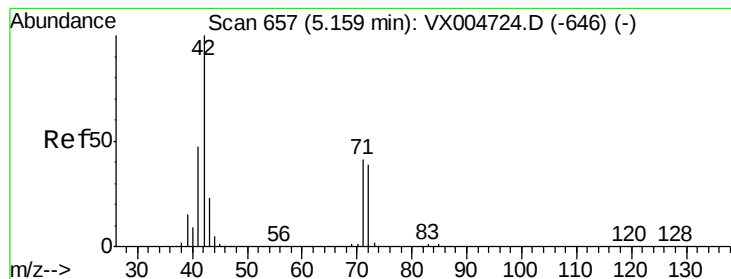


#28

Bromochloromethane
 Concen: 18.859 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Tgt Ion: 49 Resp: 49981
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 74.0 67.5 101.3





#29

Tetrahydrofuran

Concen: 102.902 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

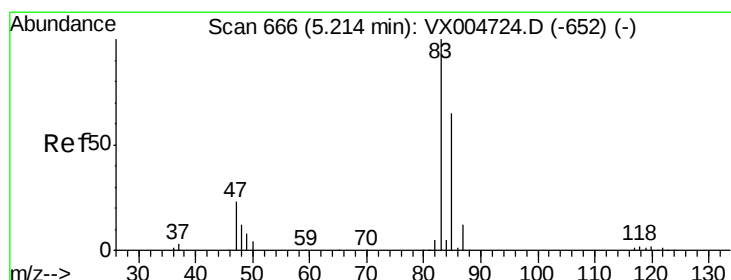
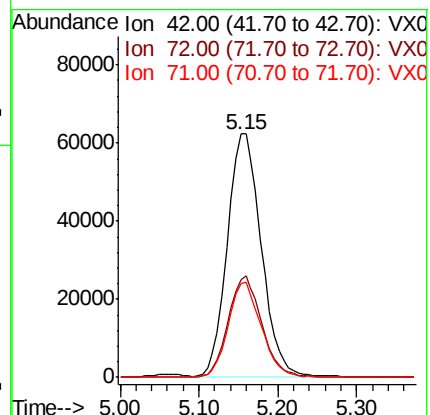
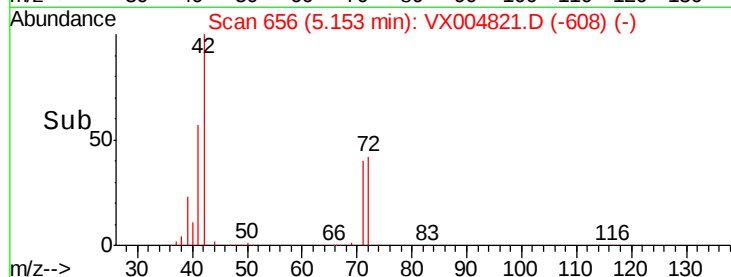
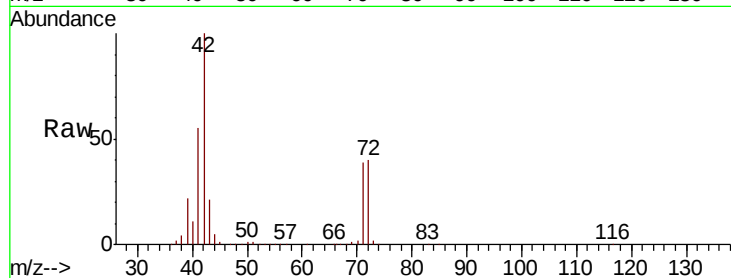
Tot Ion: 42 Resp: 186334

Ion Ratio Lower Upper

42 100

72 41.4 37.4 56.0

71 38.1 34.5 51.7



#30

Chloroform

Concen: 19.290 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004821.D

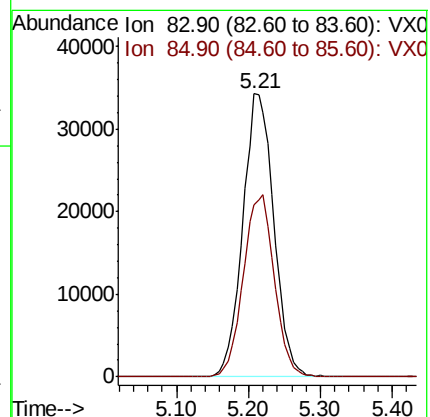
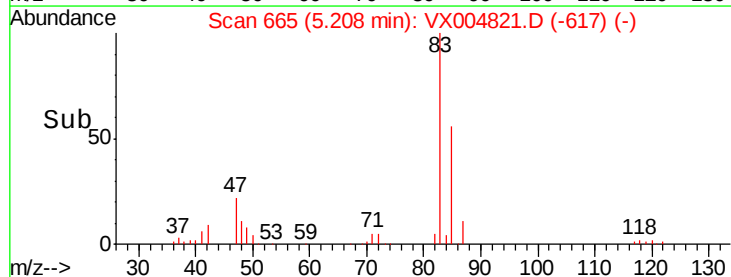
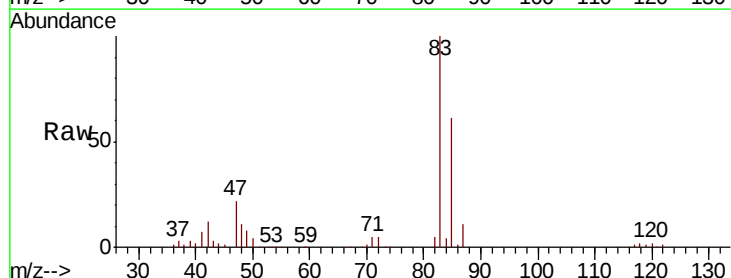
Acq: 28 Sep 2018 15:12

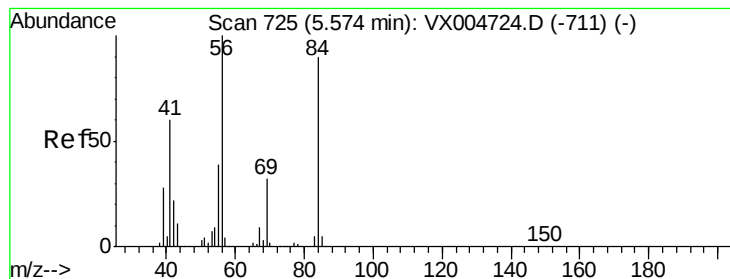
Tgt Ion: 83 Resp: 102603

Ion Ratio Lower Upper

83 100

85 60.7 52.6 79.0





#31

Cyclohexane

Concen: 21.333 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

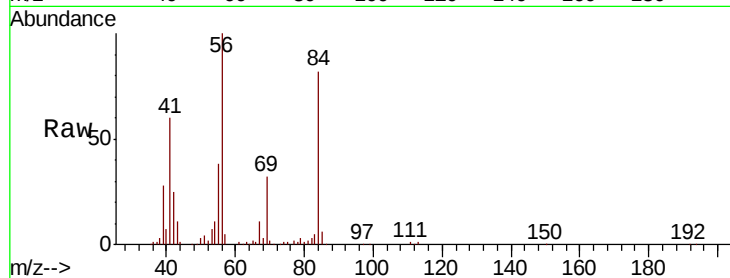
Tot Ion: 56 Resp: 91891

Ion Ratio Lower Upper

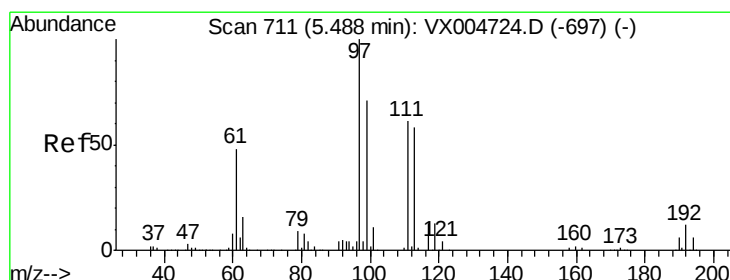
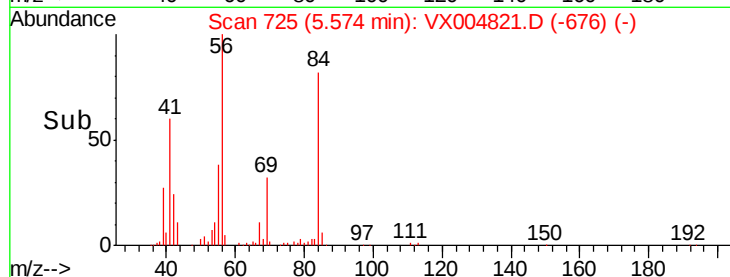
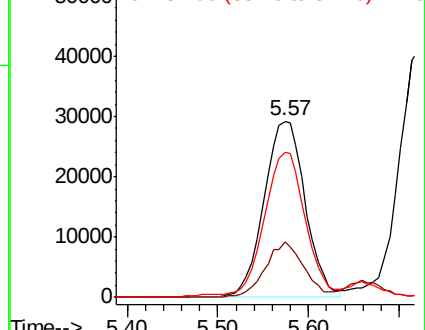
56 100

69 31.7 25.4 38.2

84 81.1 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.050 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

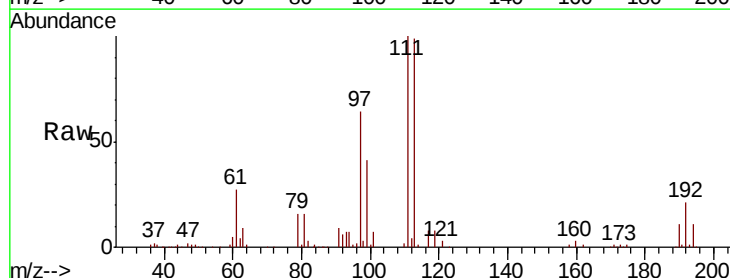
Tgt Ion: 97 Resp: 87095

Ion Ratio Lower Upper

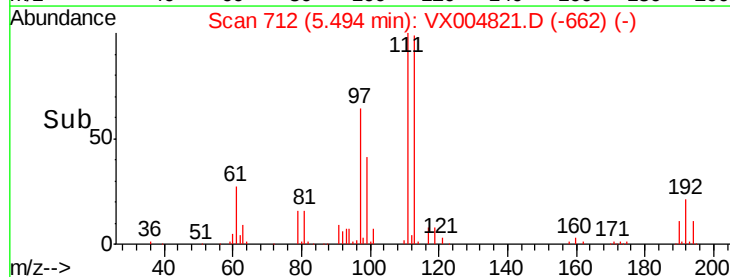
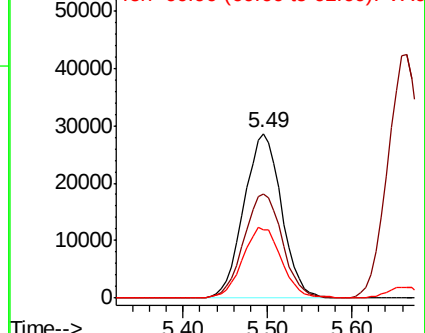
97 100

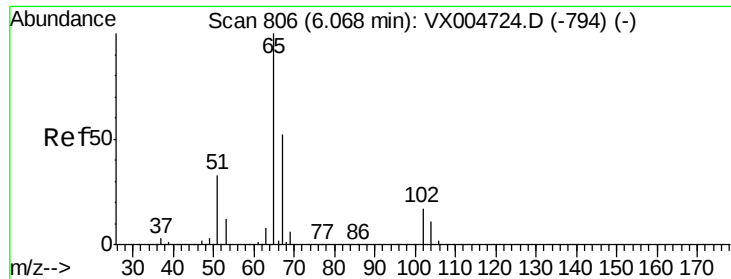
99 64.6 52.0 78.0

61 44.1 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

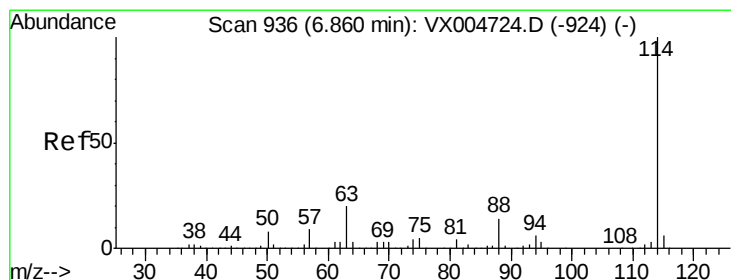
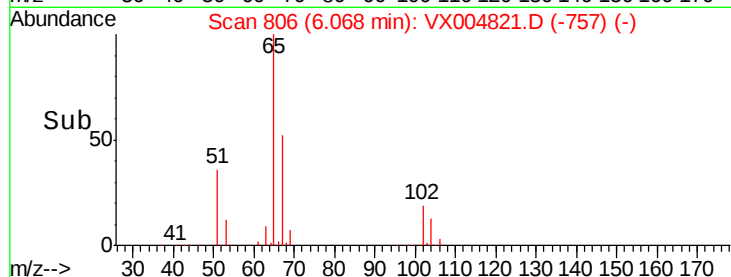
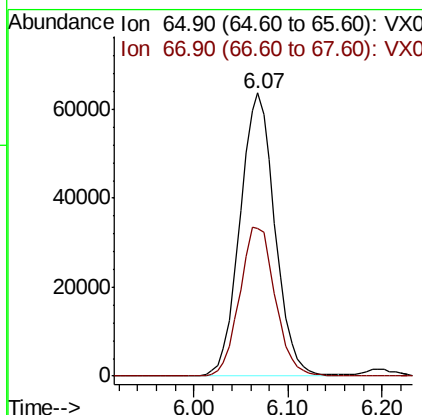
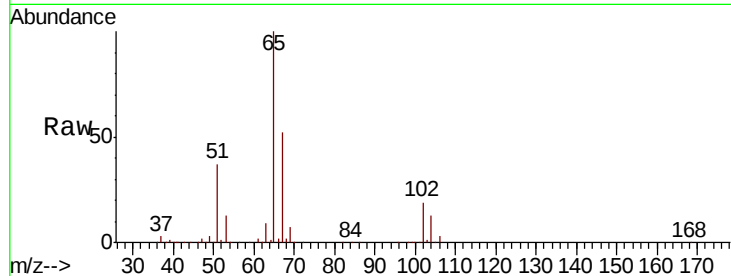




#33
 1,2-Dichloroethane-d4
 Concen: 48.725 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

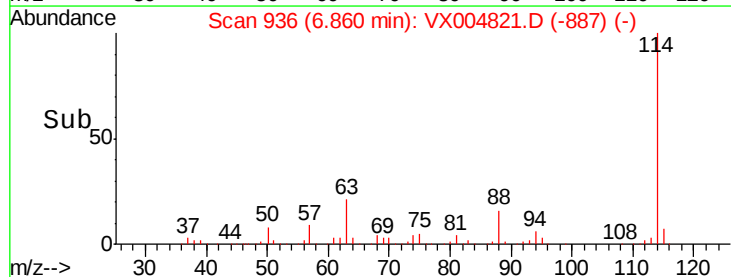
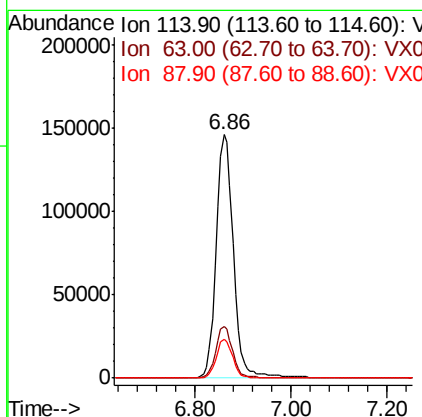
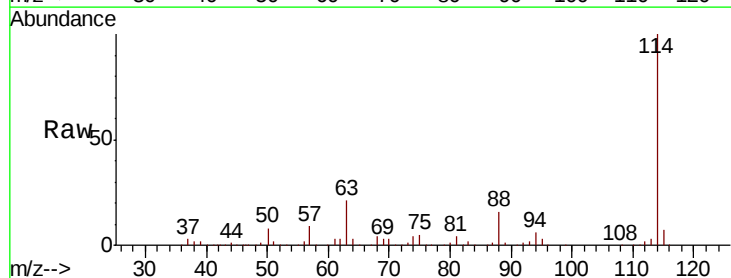
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

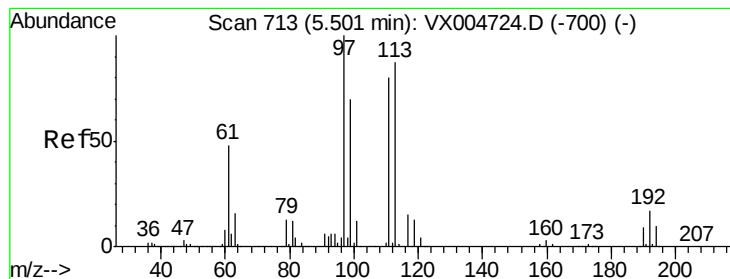
Tot Ion: 65 Resp: 164956
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Tgt Ion: 114 Resp: 364843
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.0
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 42.867 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

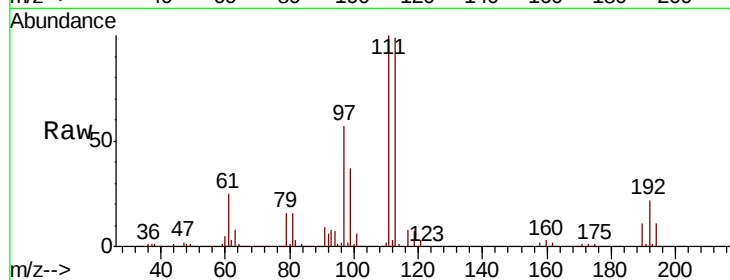
Tot Ion:113 Resp: 132548

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

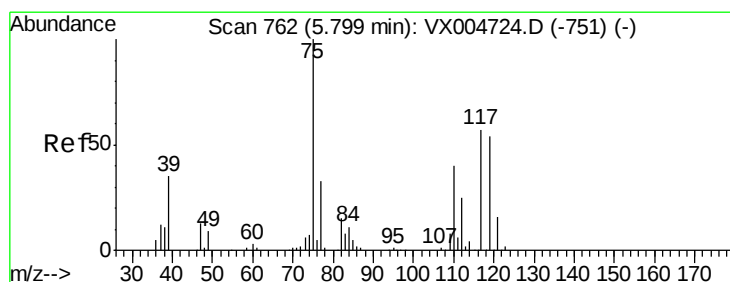
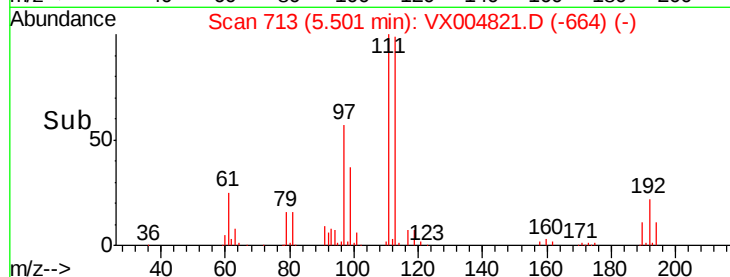
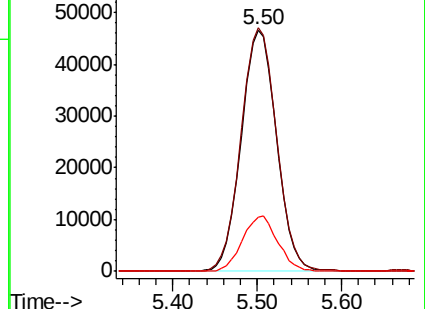
192 22.9 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.803 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

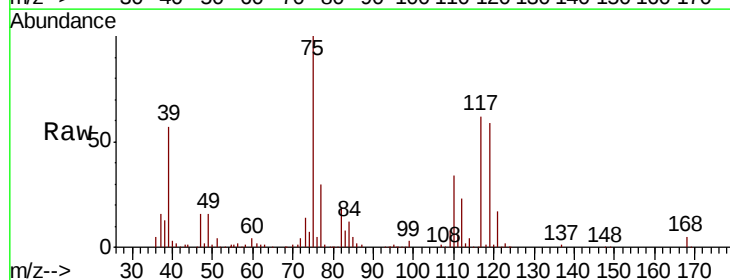
Tgt Ion: 75 Resp: 75107

Ion Ratio Lower Upper

75 100

110 35.6 18.0 54.0

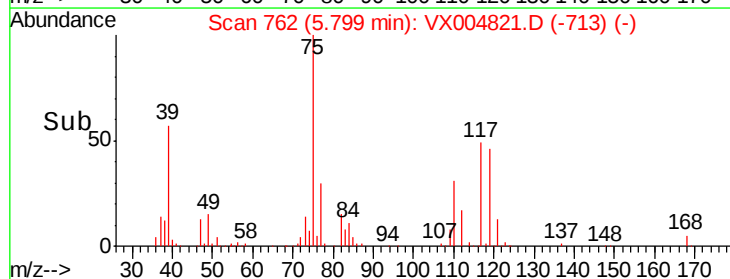
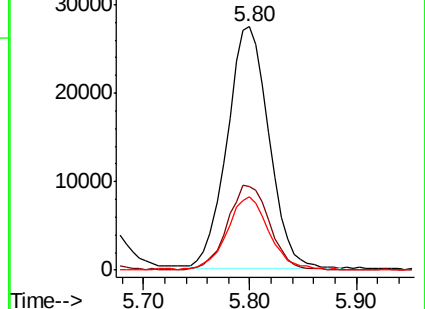
77 30.1 24.6 36.8

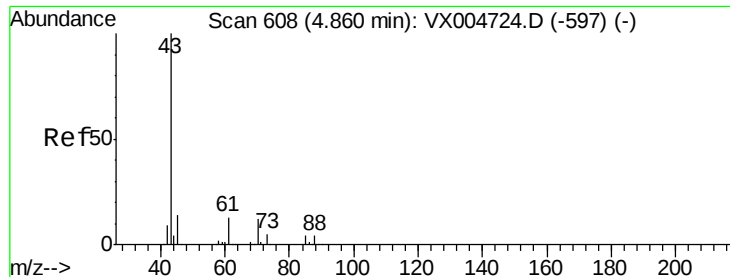


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

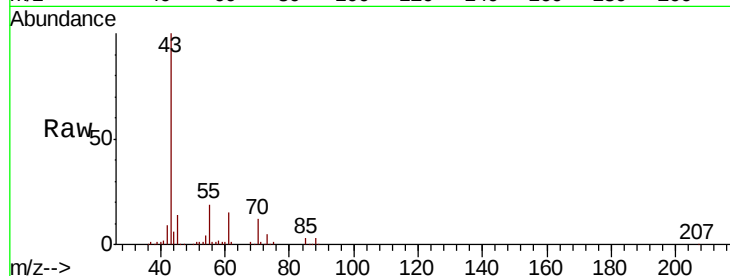




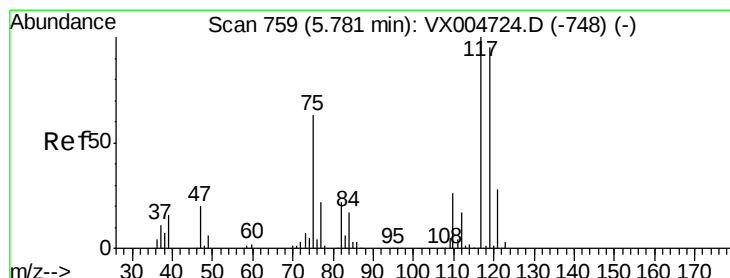
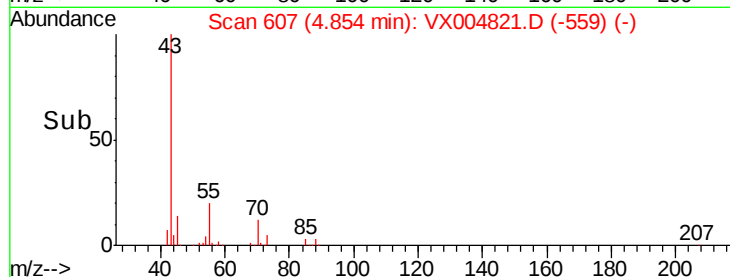
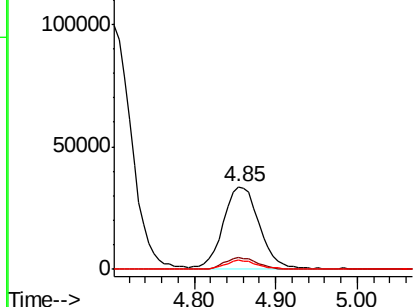
#37
Ethyl Acetate
Concen: 18.182 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Instrument :
MSVOA_X
ClientSampled :
VX0928MBS01

Tot Ion: 43 Resp: 101817
Ion Ratio Lower Upper
43 100
61 13.1 11.5 17.3
70 10.0 9.0 13.6

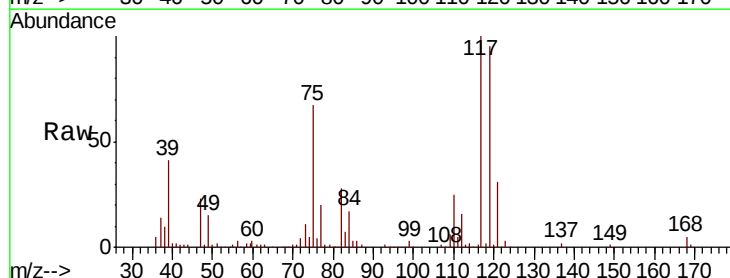


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

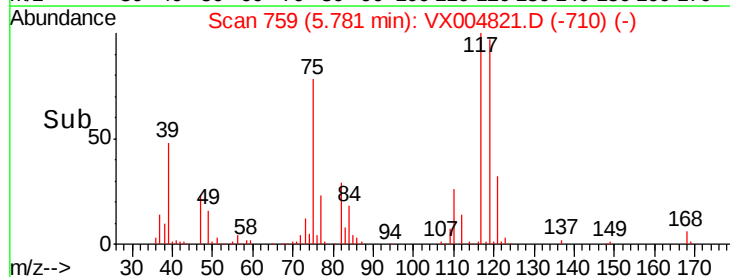
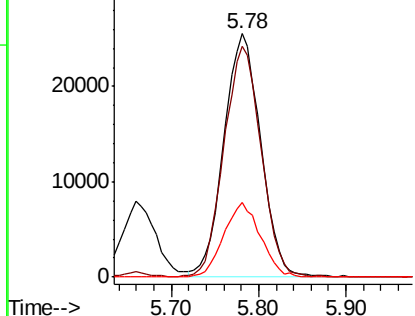


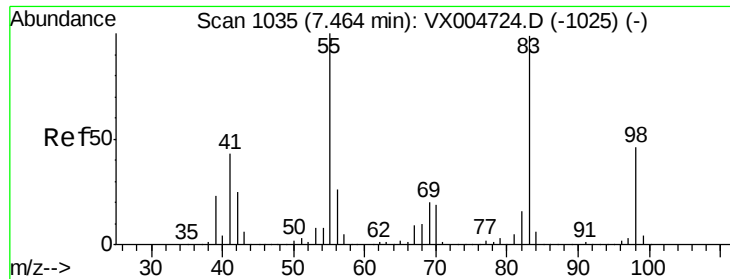
#38
Carbon Tetrachloride
Concen: 16.810 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion: 117 Resp: 74546
Ion Ratio Lower Upper
117 100
119 95.3 78.8 118.2
121 31.0 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

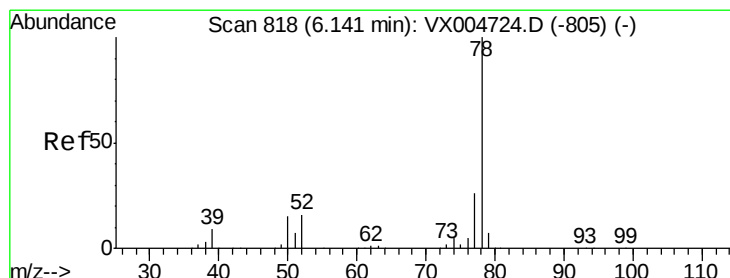
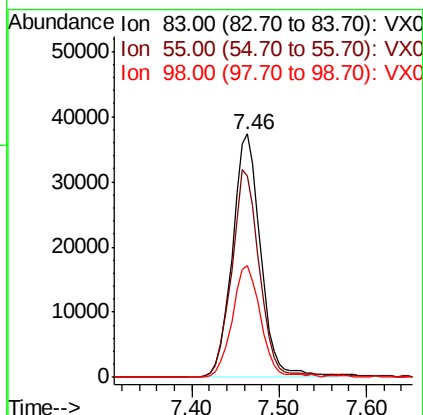
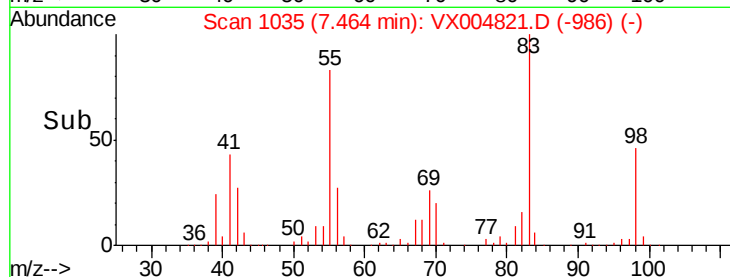
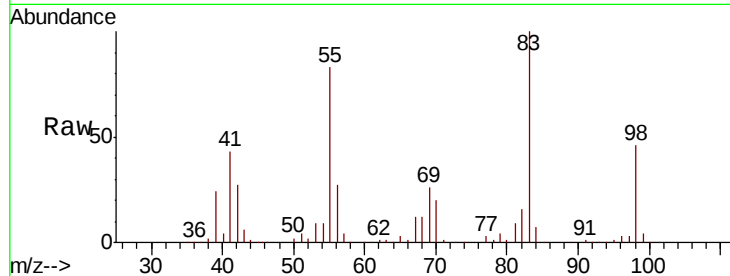




#39
Methvlcvclohexane
Concen: 19.566 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

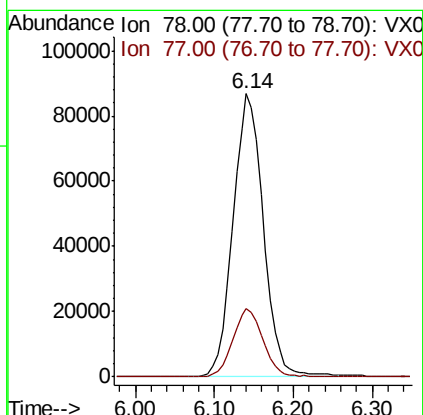
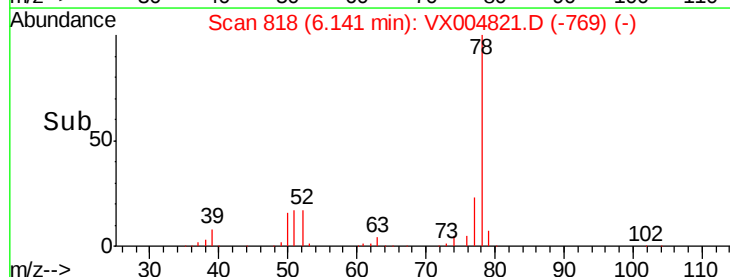
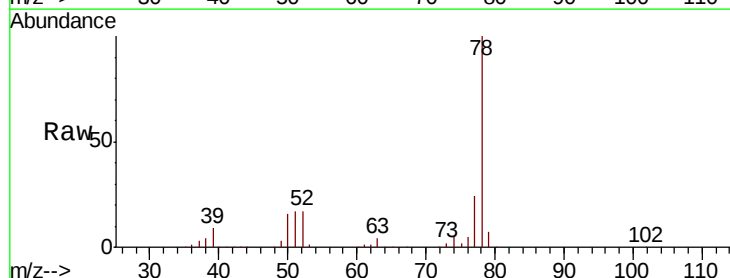
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

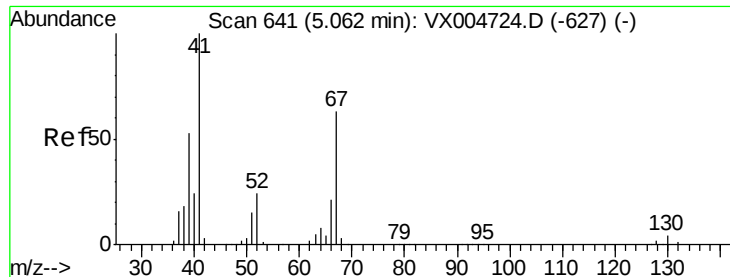
Tot Ion: 83 Resp: 84287
Ion Ratio Lower Upper
83 100
55 82.3 61.0 91.4
98 45.8 39.6 59.4



#40
Benzene
Concen: 17.561 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion: 78 Resp: 231936
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

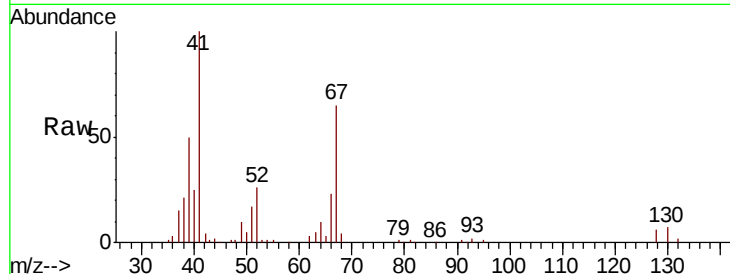




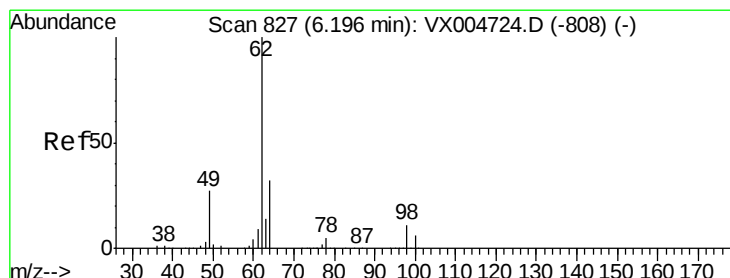
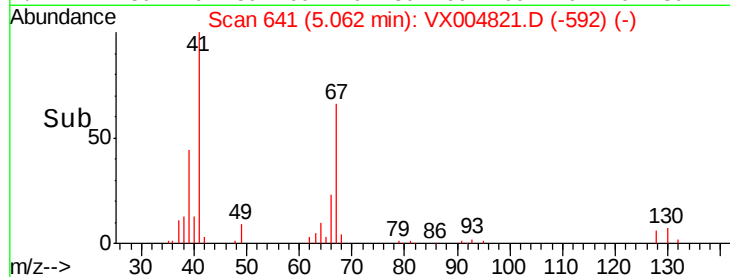
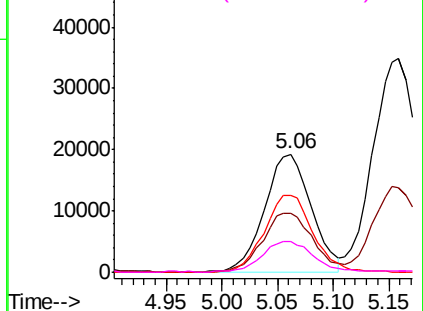
#41
Methacrylonitrile
Concen: 18.019 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Instrument :
MSVOA_X
ClientSampled :
VX0928MBS01

Tot Ion:	41	Resp:	55959
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.4	63.6
67	68.2	59.2	88.8
52	27.9	23.0	34.4

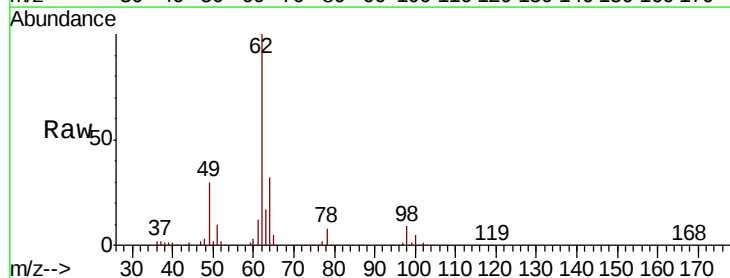


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

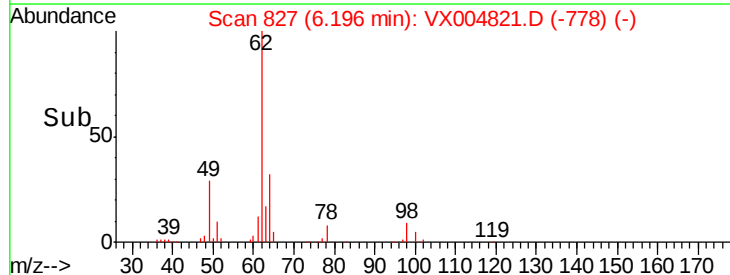
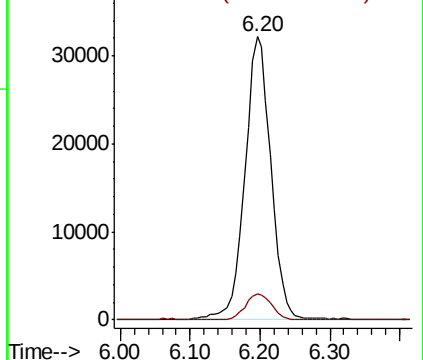


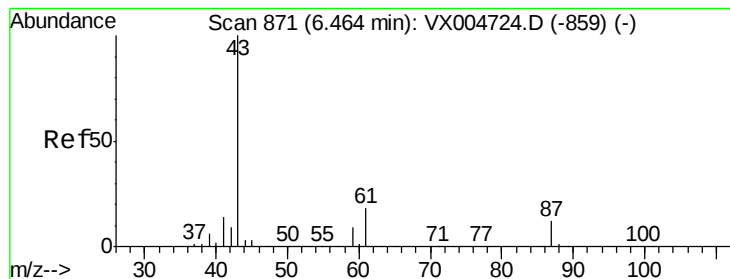
#42
1,2-Dichloroethane
Concen: 17.634 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion:	62	Resp:	82336
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



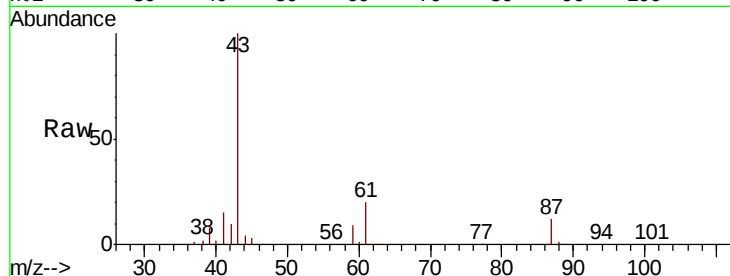


#43

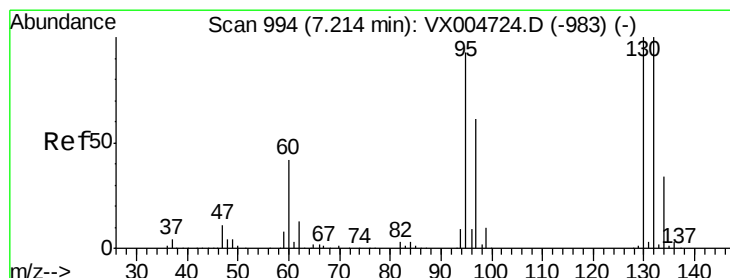
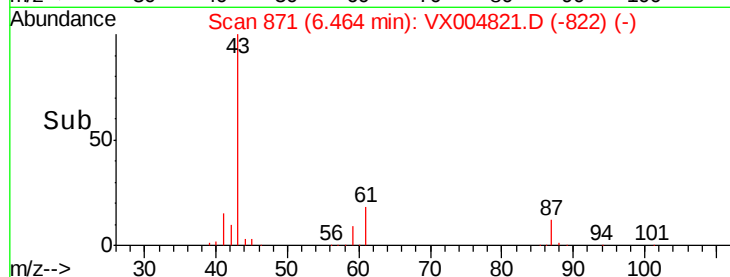
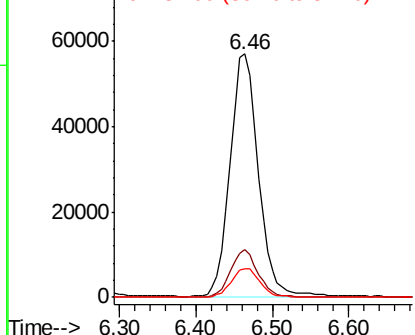
Isopropyl Acetate
 Concen: 18.071 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

Tot Ion: 43 Resp: 146066
 Ion Ratio Lower Upper
 43 100
 61 19.4 17.0 25.4
 87 12.1 11.4 17.2



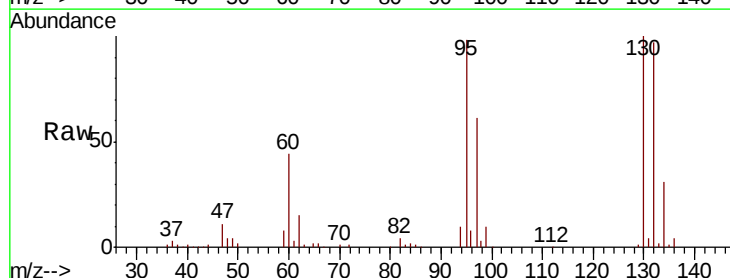
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



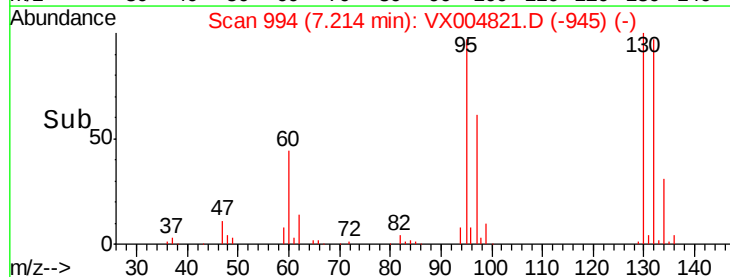
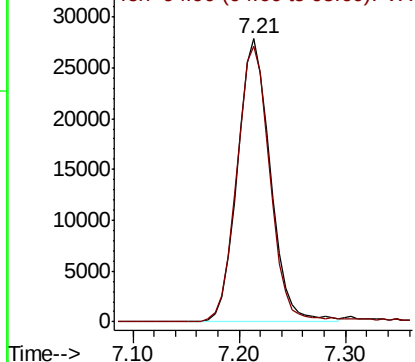
#44

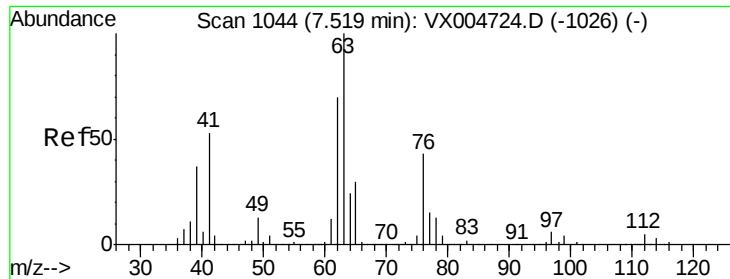
Trichloroethene
 Concen: 18.633 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Tgt Ion:130 Resp: 60499
 Ion Ratio Lower Upper
 130 100
 95 97.5 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.814 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

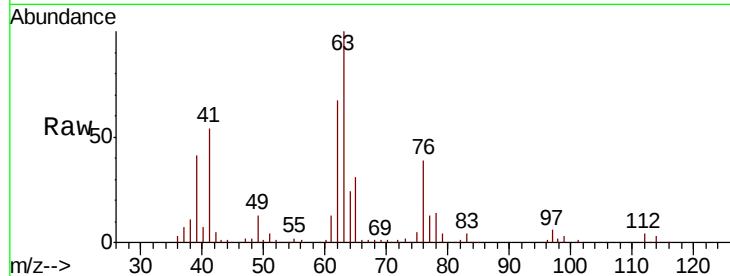
VX0928MBS01

Tot Ion: 63 Resp: 64176

Ion Ratio Lower Upper

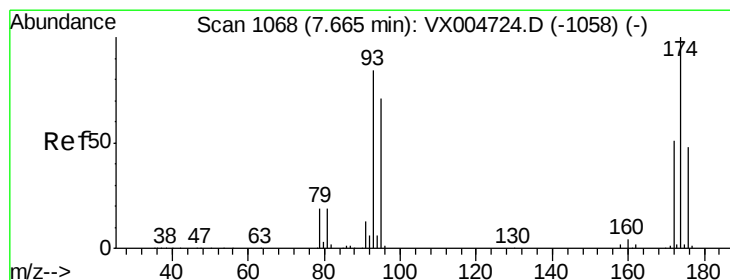
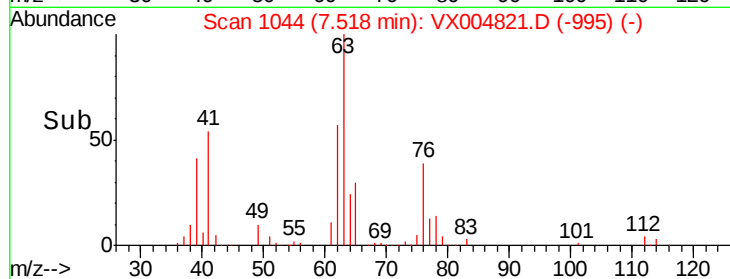
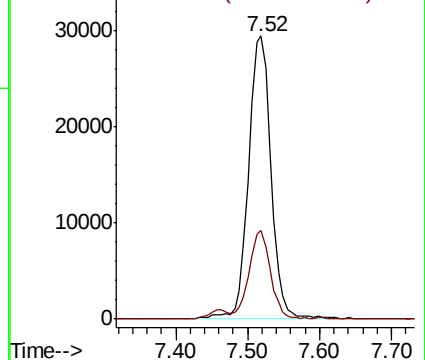
63 100

65 31.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.546 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

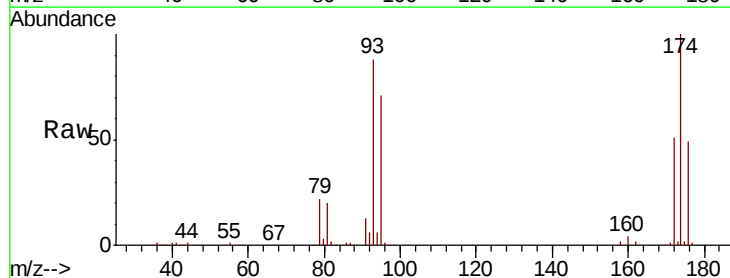
Tgt Ion: 93 Resp: 39786

Ion Ratio Lower Upper

93 100

95 82.9 65.5 98.3

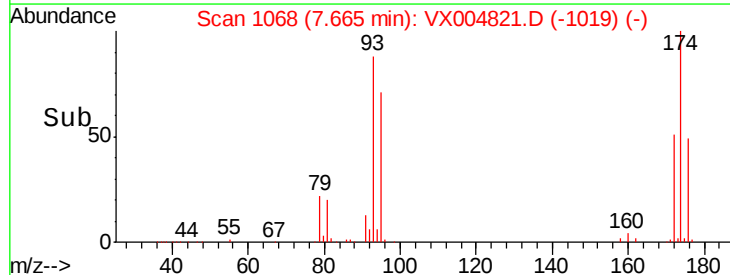
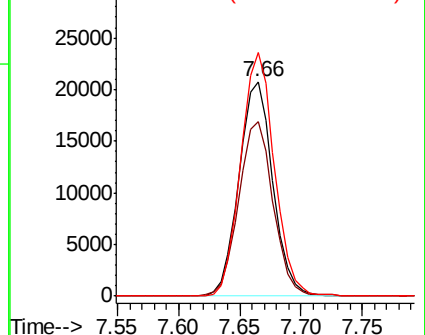
174 113.0 94.2 141.4

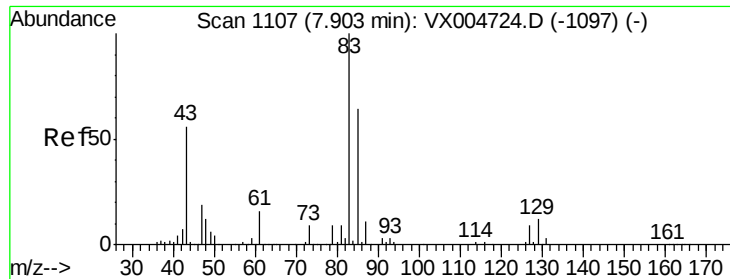


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.582 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

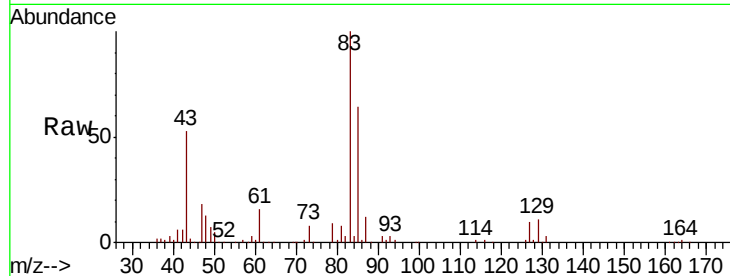
Tot Ion: 83 Resp: 74630

Ion Ratio Lower Upper

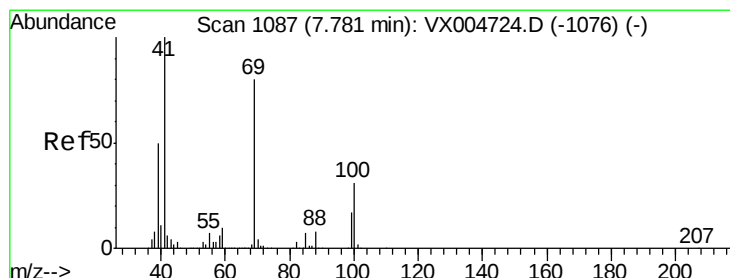
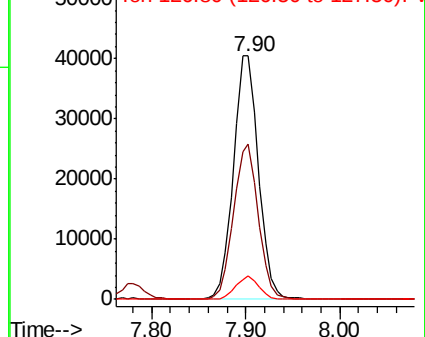
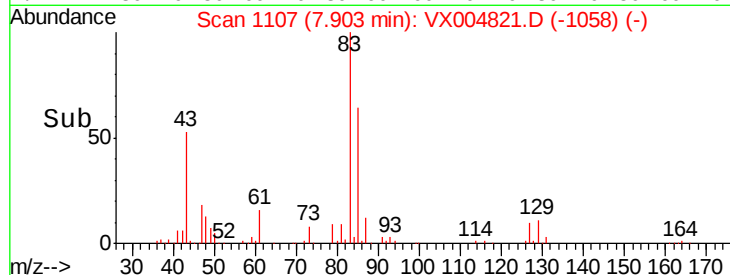
83 100

85 63.5 50.9 76.3

127 9.5 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.007 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

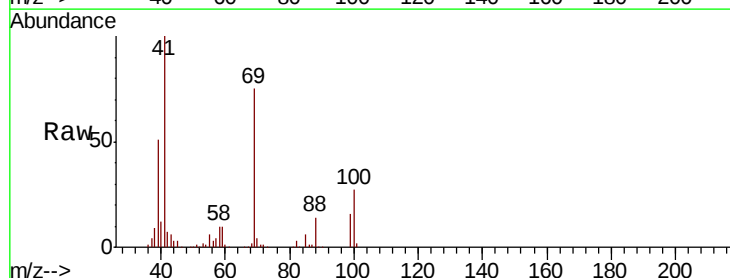
Tgt Ion: 41 Resp: 77068

Ion Ratio Lower Upper

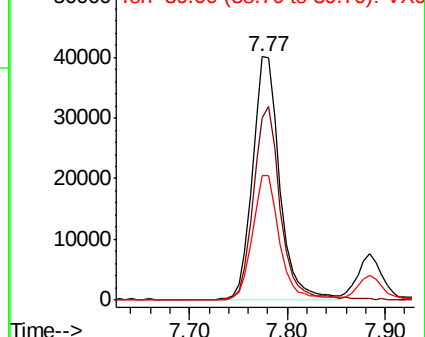
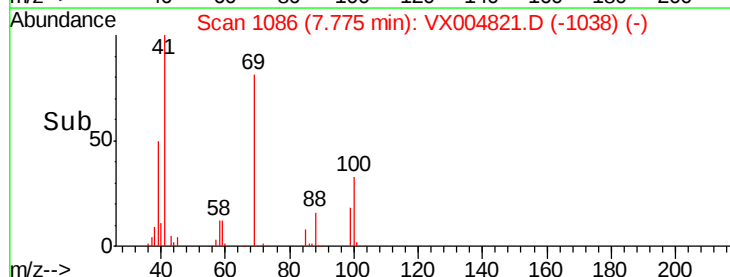
41 100

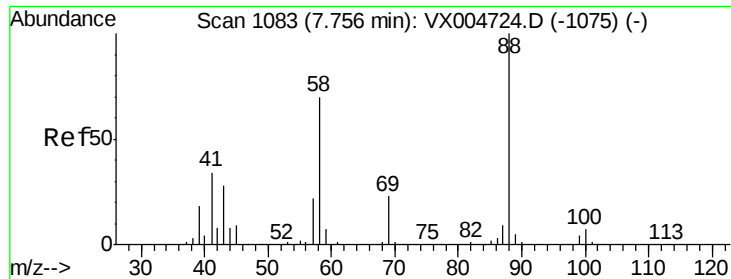
69 79.5 70.2 105.4

39 50.4 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

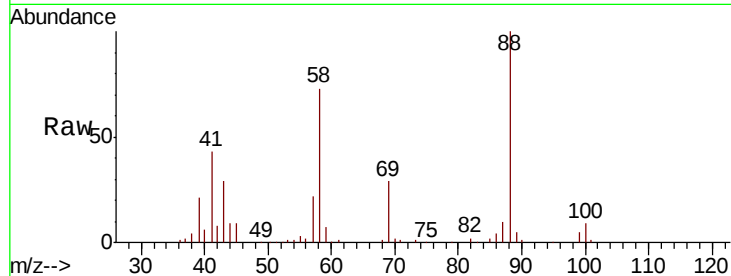




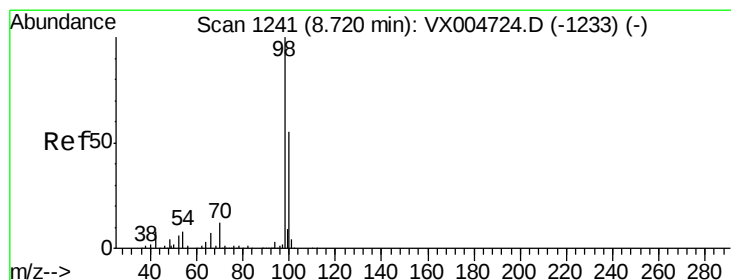
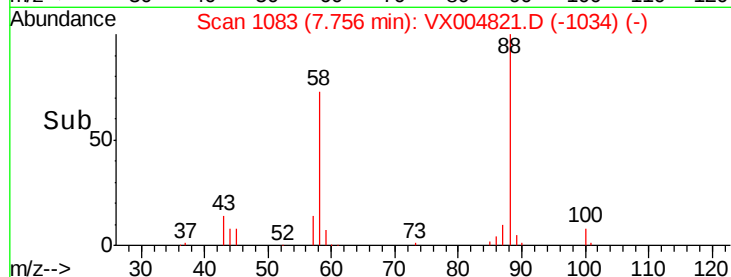
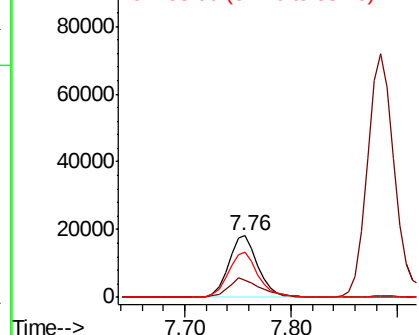
#49
1,4-Dioxane
Concen: 384.965 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

Tot Ion: 88 Resp: 35087
Ion Ratio Lower Upper
88 100
43 33.2 24.7 37.1
58 75.2 55.3 82.9

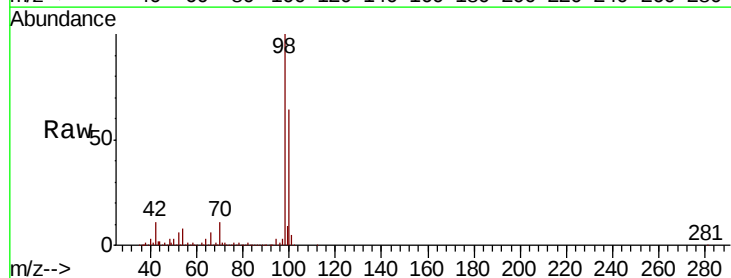


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

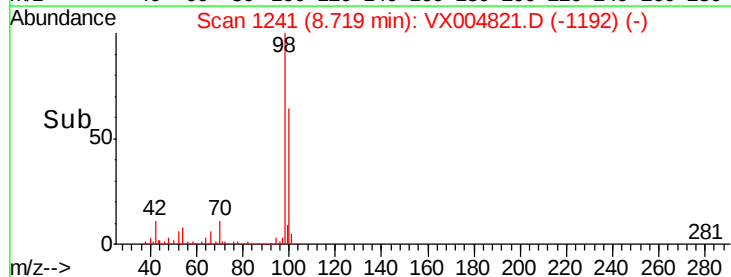
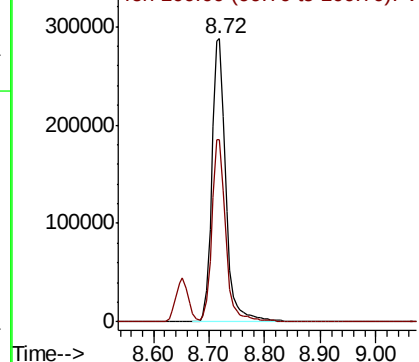


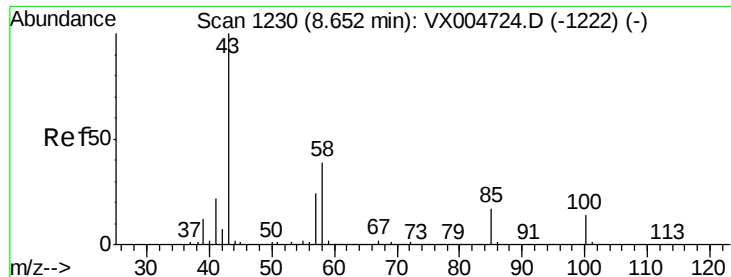
#50
Toluene-d8
Concen: 49.437 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion: 98 Resp: 508192
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 104.584 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

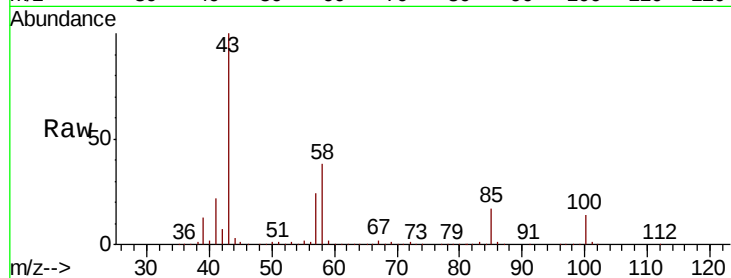
VX0928MBS01

Tot Ion: 43 Resp: 532255

Ion Ratio Lower Upper

43 100

58 37.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

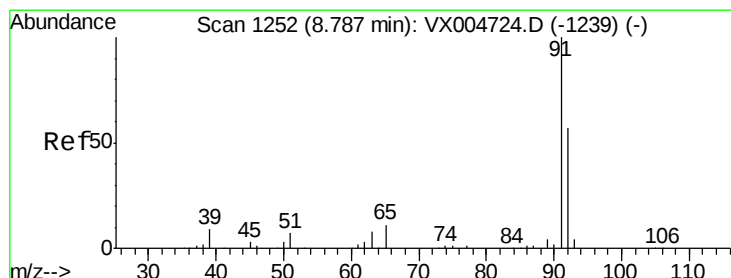
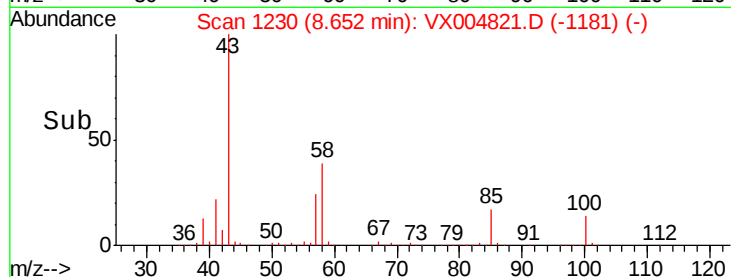
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 19.871 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004821.D

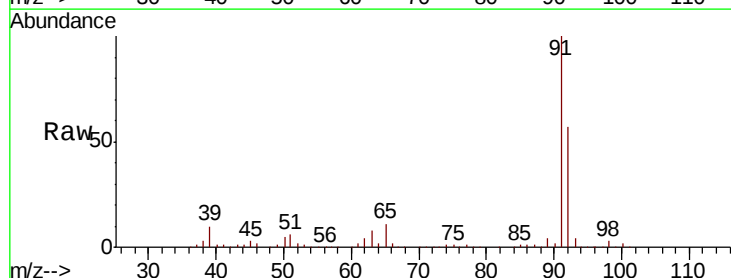
Acq: 28 Sep 2018 15:12

Tgt Ion: 92 Resp: 144214

Ion Ratio Lower Upper

92 100

91 175.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

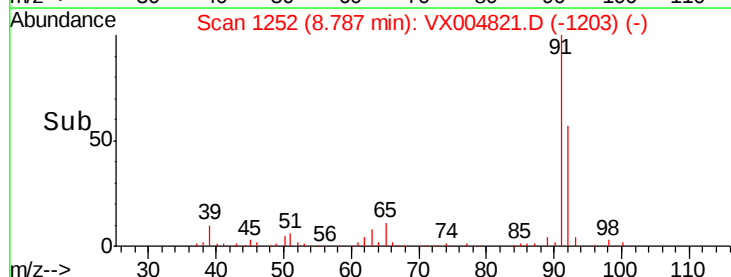
150000

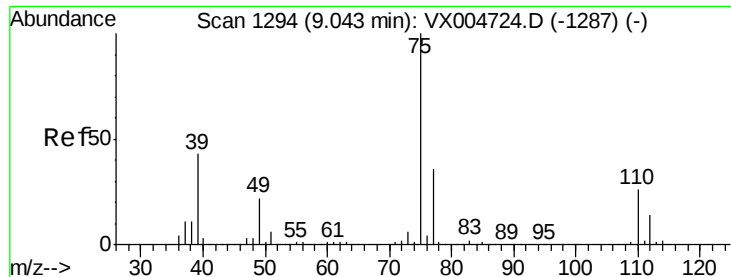
100000

50000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 18.750 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

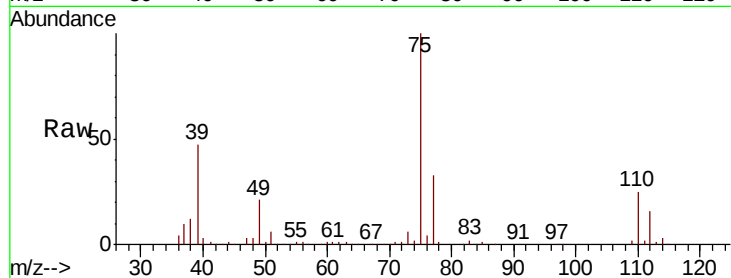
VX0928MBS01

Tot Ion: 75 Resp: 80748

Ion Ratio Lower Upper

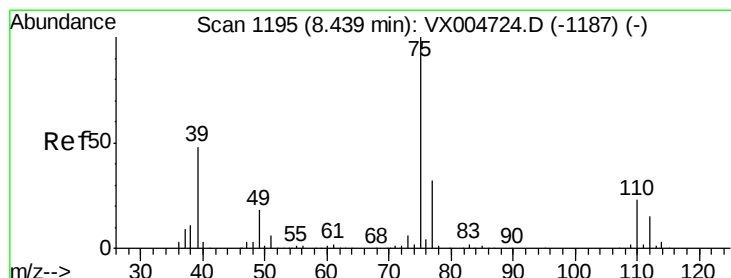
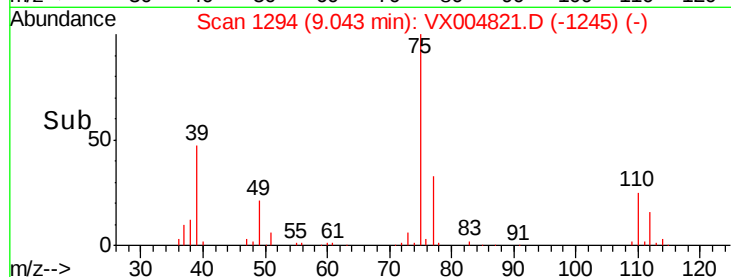
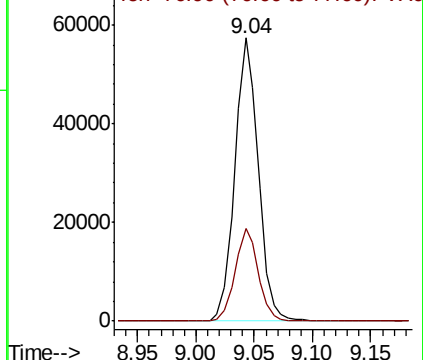
75 100

77 32.9 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.946 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

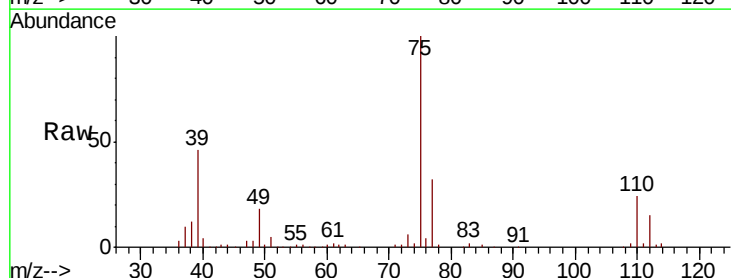
Tgt Ion: 75 Resp: 89974

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

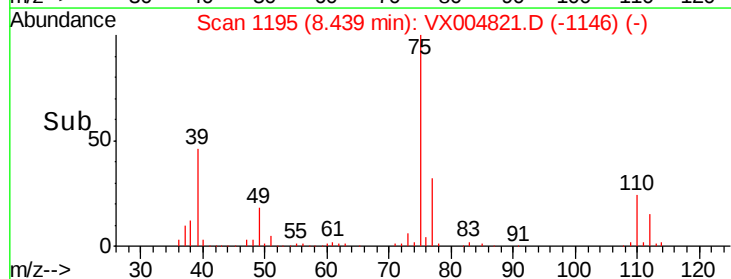
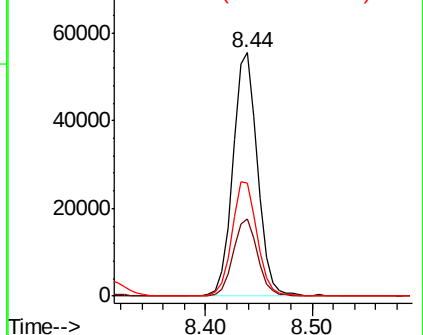
39 46.2 36.4 54.6

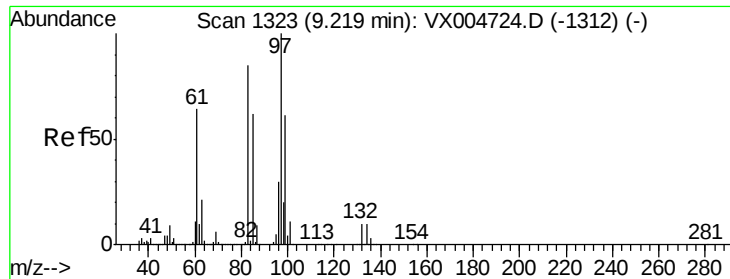


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 18.679 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

Tot Ion: 97 Resp: 59379

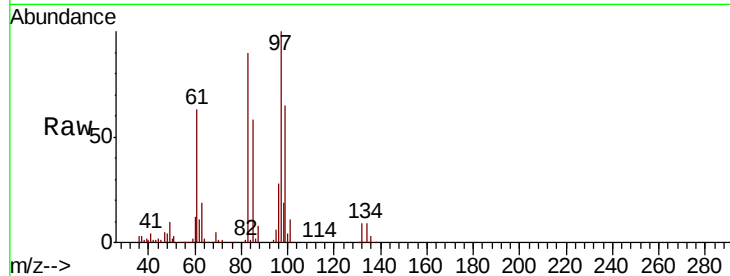
Ion Ratio Lower Upper

97 100

83 89.8 66.4 99.6

85 57.5 43.3 64.9

99 65.1 49.0 73.4

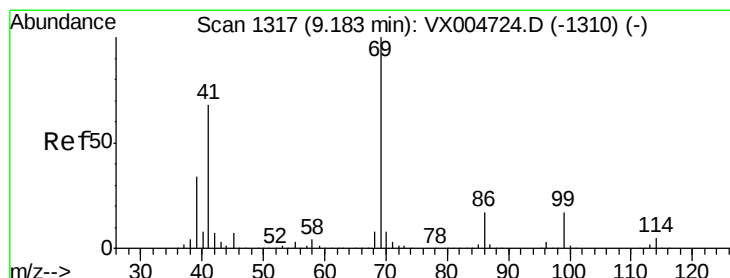
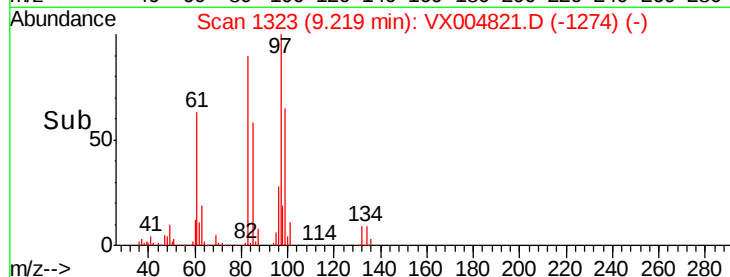
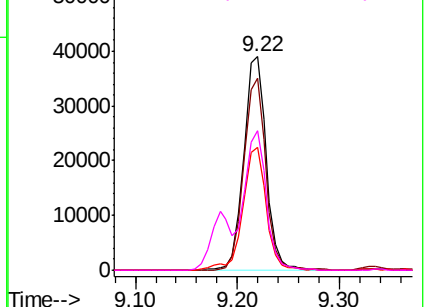


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.204 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

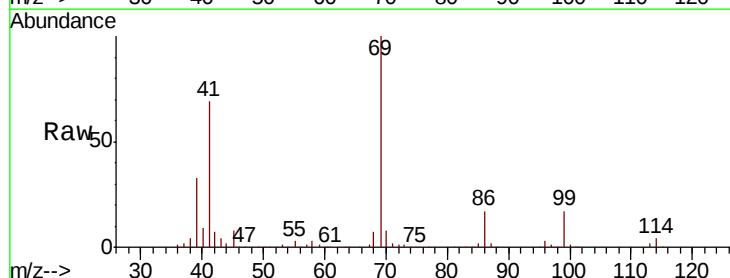
Tgt Ion: 69 Resp: 89418

Ion Ratio Lower Upper

69 100

41 69.9 51.0 76.4

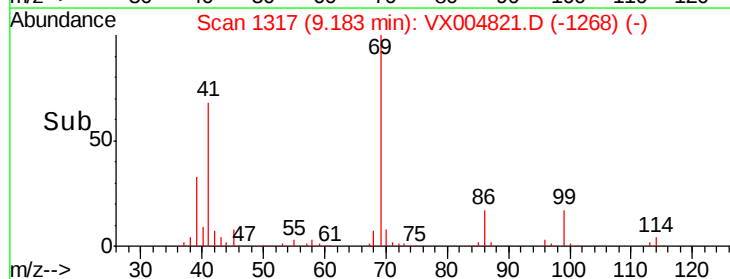
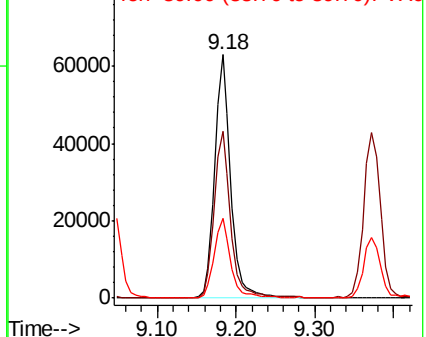
39 33.6 26.1 39.1

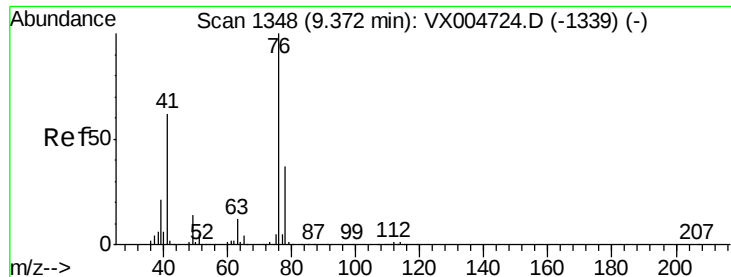


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.026 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

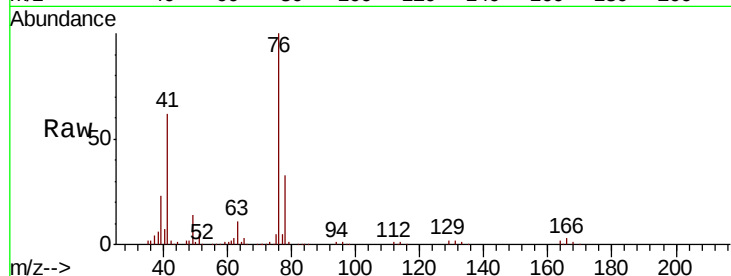
VX0928MBS01

Tot Ion: 76 Resp: 100666

Ion Ratio Lower Upper

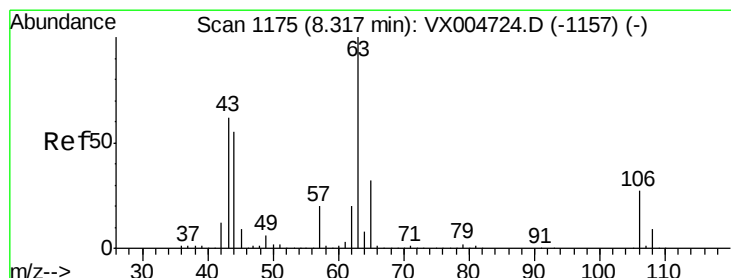
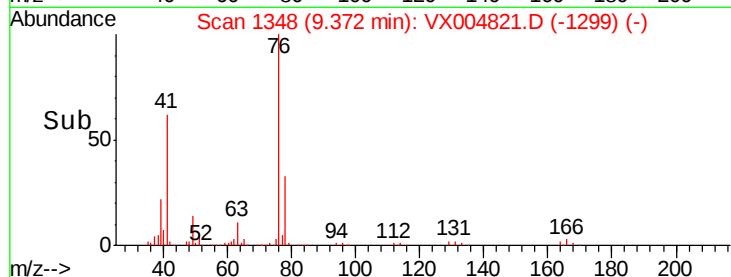
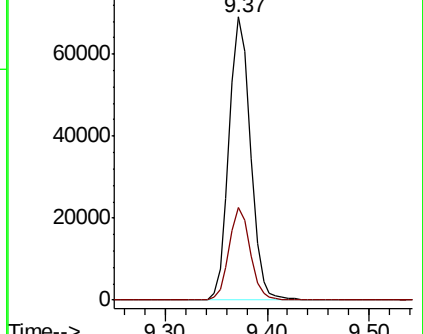
76 100

78 32.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.561 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004821.D

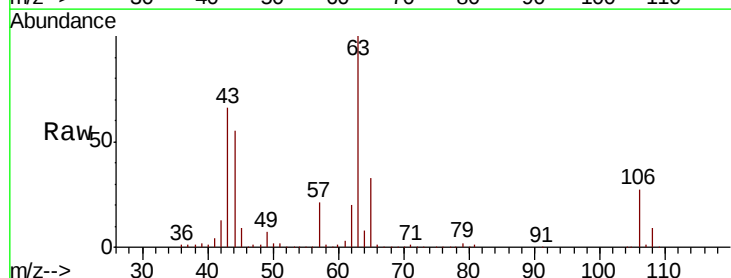
Acq: 28 Sep 2018 15:12

Tgt Ion: 63 Resp: 262340

Ion Ratio Lower Upper

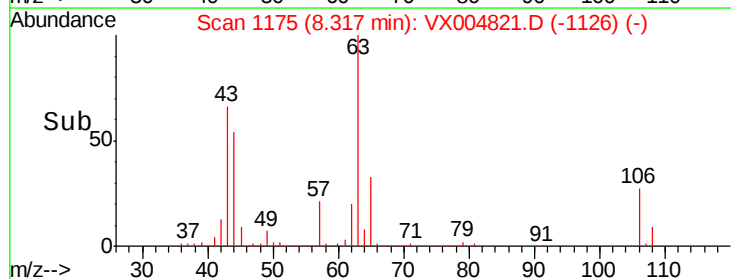
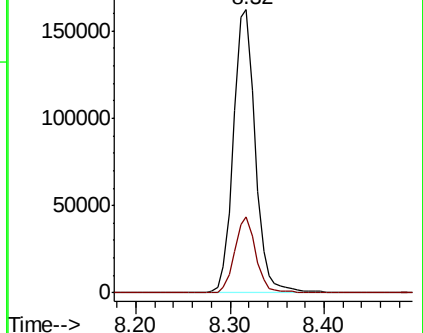
63 100

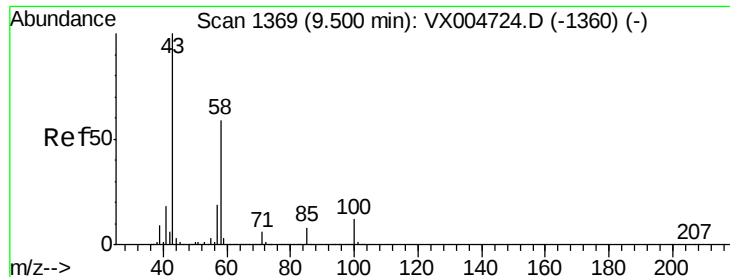
106 26.0 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

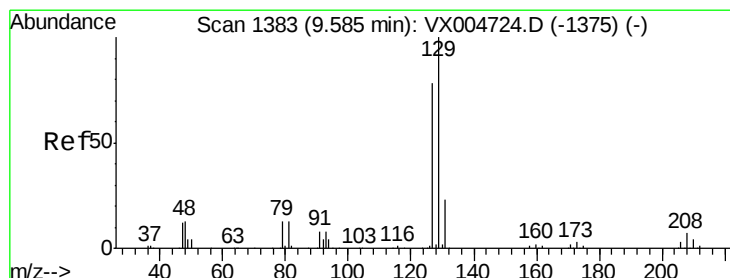
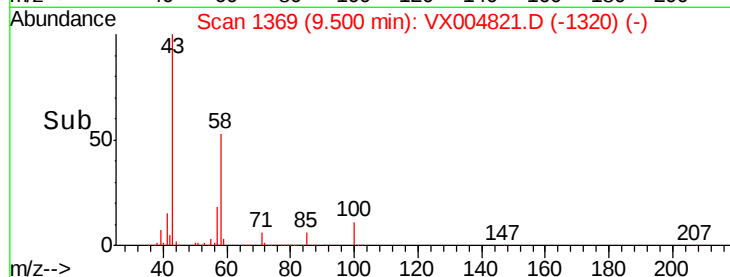
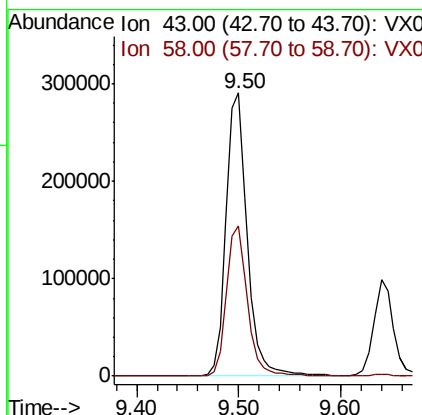
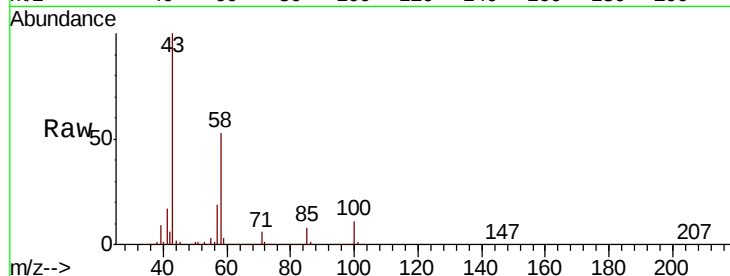




#59
2-Hexanone
Concen: 98.195 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

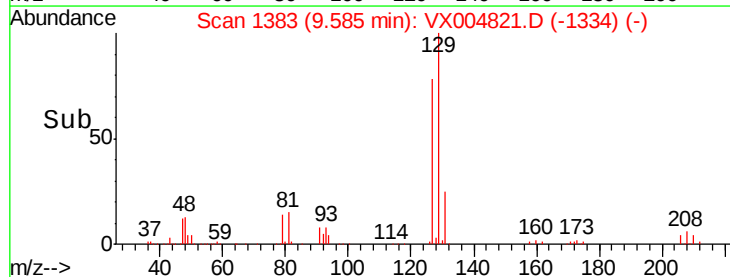
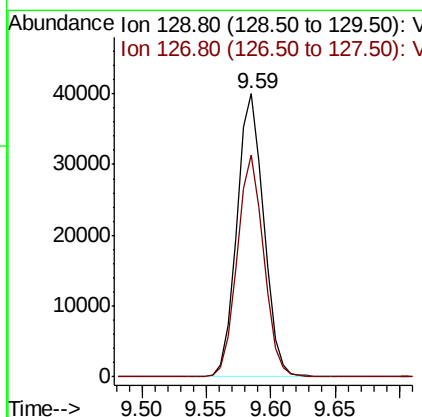
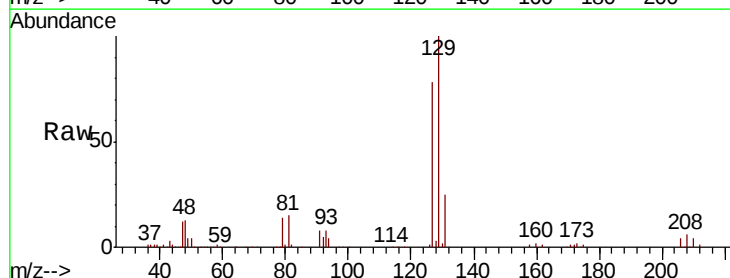
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

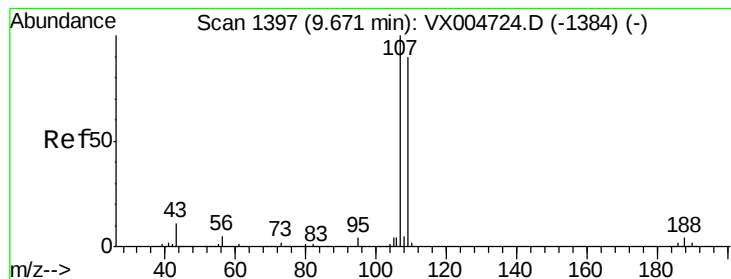
Tot Ion: 43 Resp: 416441
Ion Ratio Lower Upper
43 100
58 52.7 29.0 87.0



#60
Dibromochloromethane
Concen: 18.207 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion: 129 Resp: 57884
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.828 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

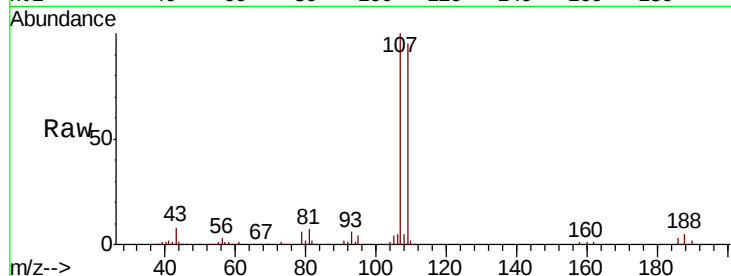
VX0928MBS01

Tot Ion:107 Resp: 60695

Ion Ratio Lower Upper

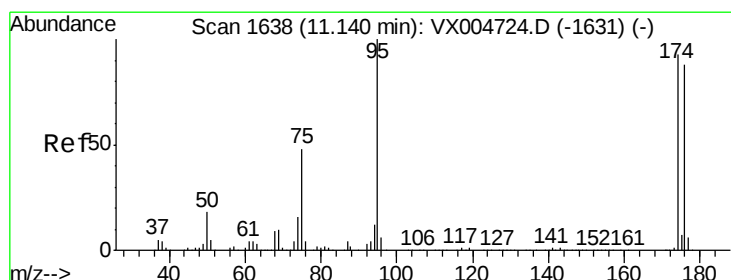
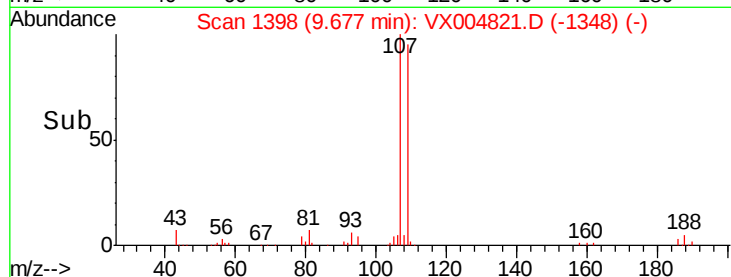
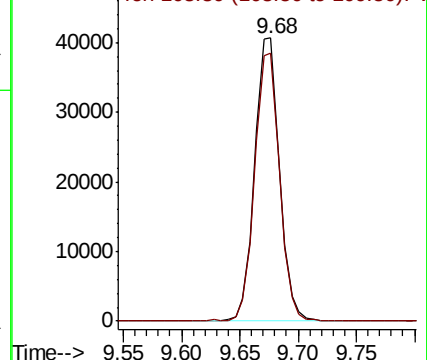
107 100

109 95.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.949 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

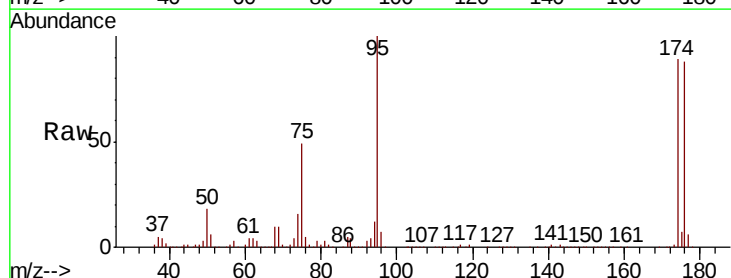
Tgt Ion: 95 Resp: 184975

Ion Ratio Lower Upper

95 100

174 89.1 0.0 185.2

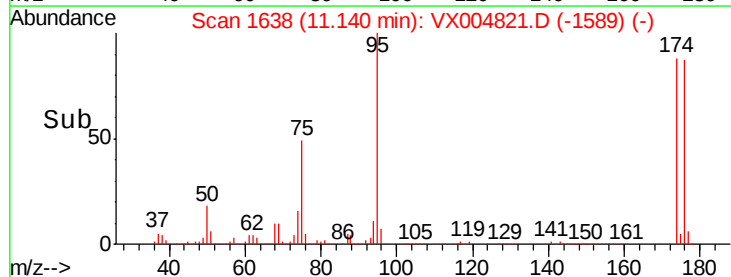
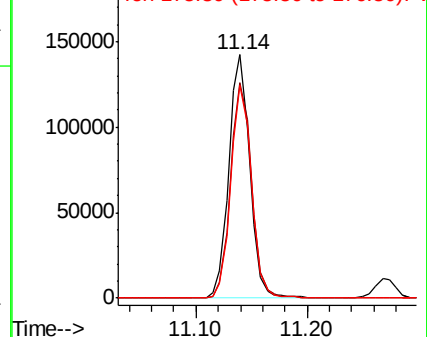
176 86.6 0.0 178.6

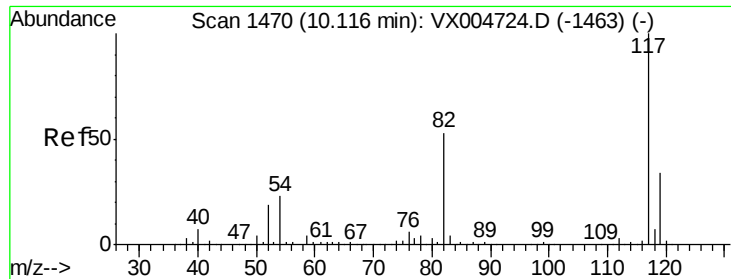


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

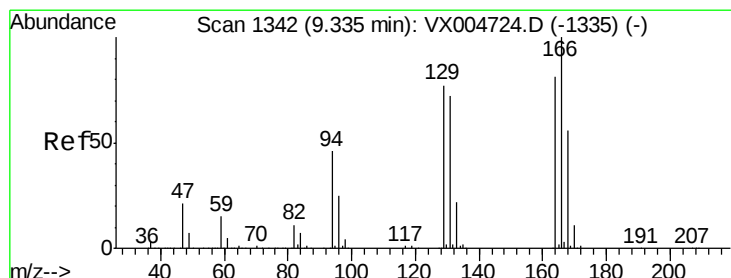
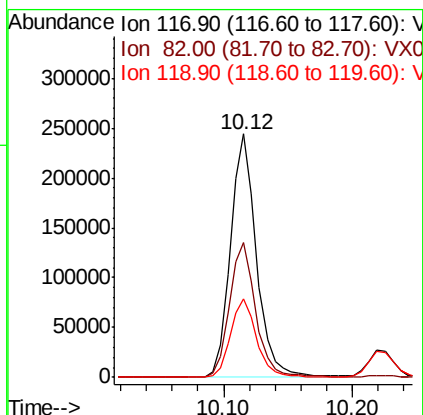
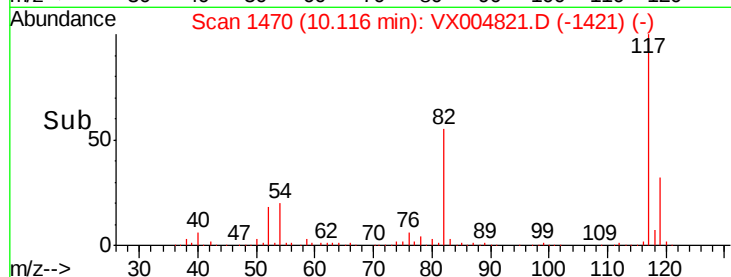
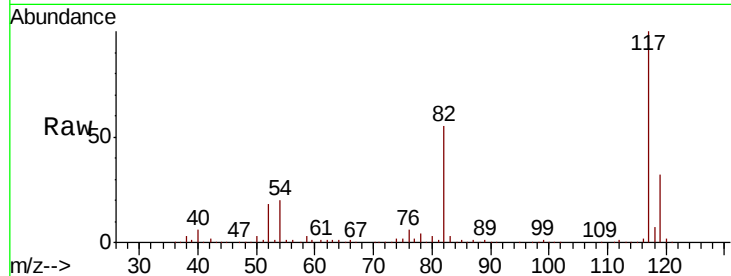




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

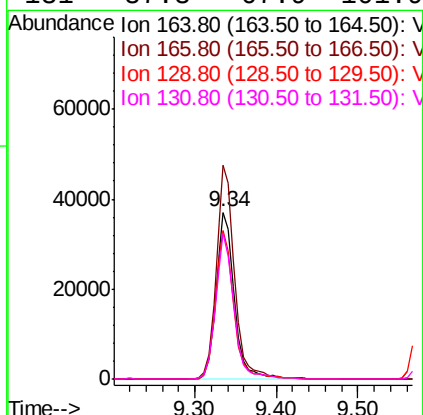
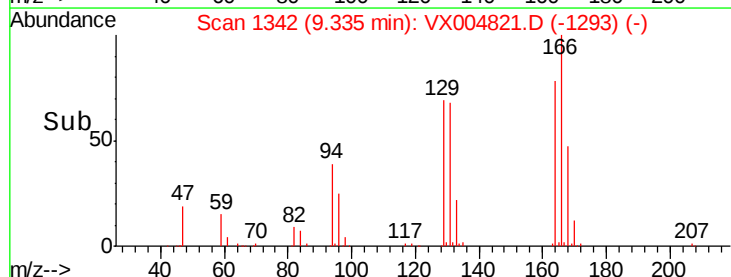
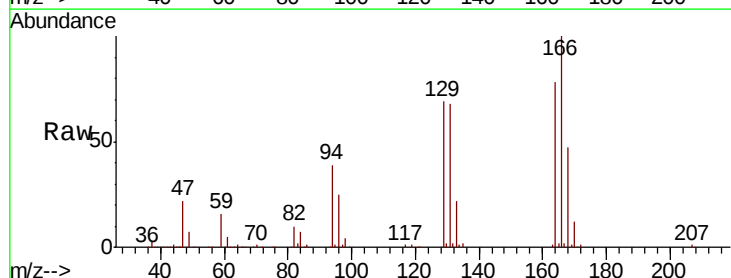
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

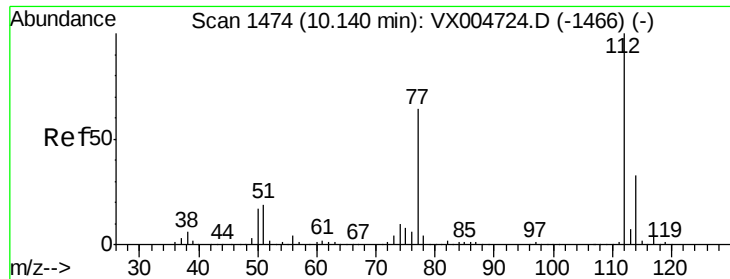
Tot Ion:117 Resp: 344818
Ion Ratio Lower Upper
117 100
82 55.2 47.8 71.6
119 32.3 29.3 43.9



#64
Tetrachloroethene
Concen: 17.240 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion:164 Resp: 58508
Ion Ratio Lower Upper
164 100
166 127.9 102.8 154.2
129 88.8 69.4 104.0
131 87.3 67.9 101.9

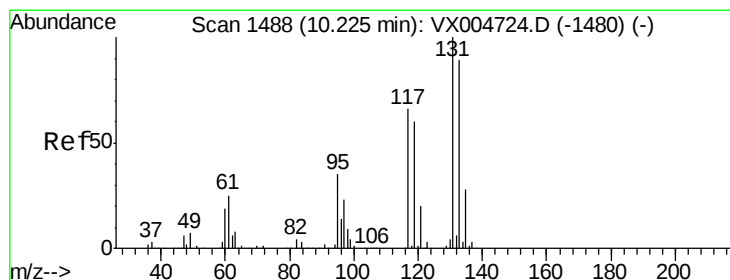
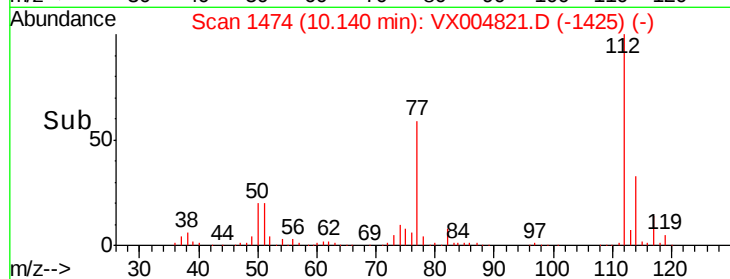
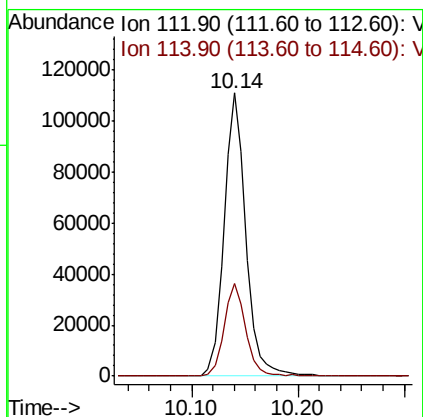
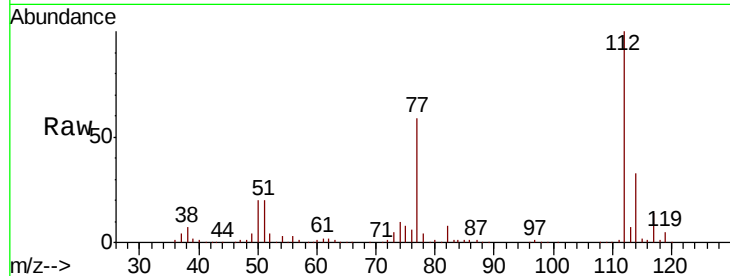




#65
Chlorobenzene
Concen: 17.918 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

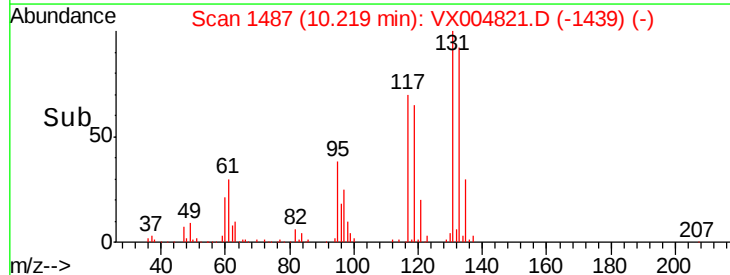
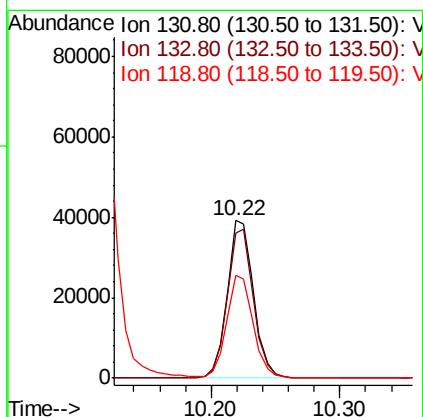
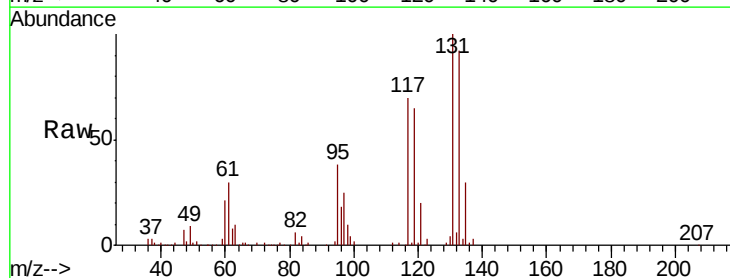
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

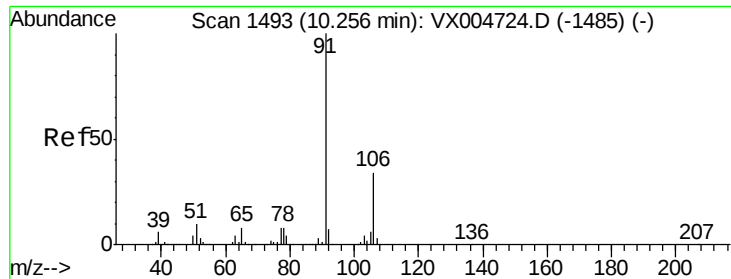
Tot Ion:112 Resp: 158437
Ion Ratio Lower Upper
112 100
114 32.8 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.940 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion:131 Resp: 55767
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.4
119 66.1 32.9 98.6





#67

Ethyl Benzene

Concen: 18.987 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

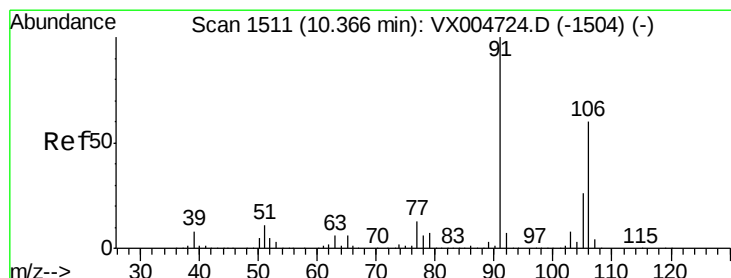
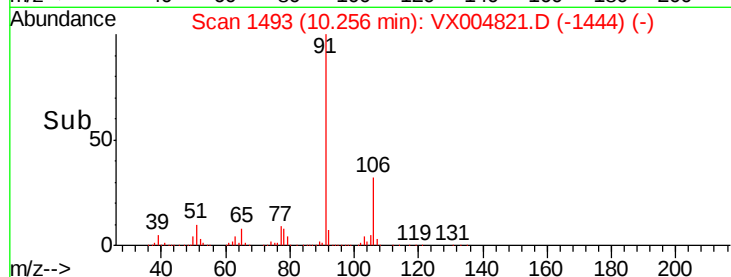
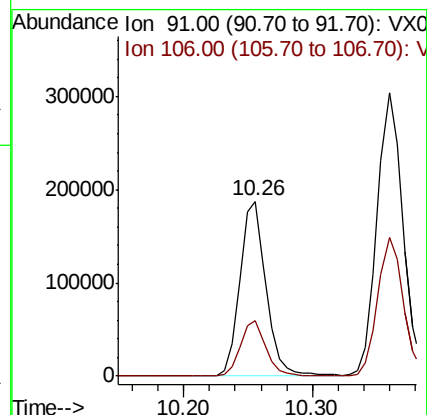
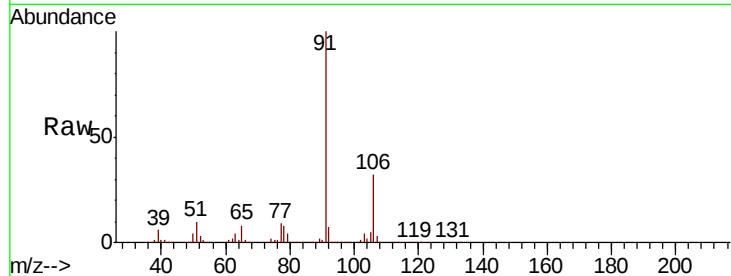
VX0928MBS01

Tot Ion: 91 Resp: 266534

Ion Ratio Lower Upper

91 100

106 31.6 25.9 38.9



#68

m/p-Xylenes

Concen: 38.003 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004821.D

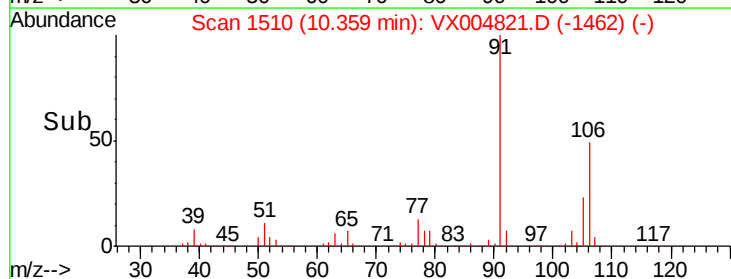
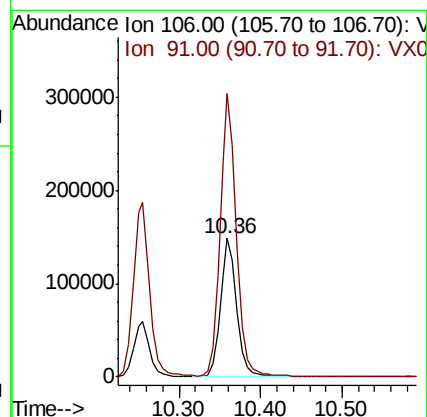
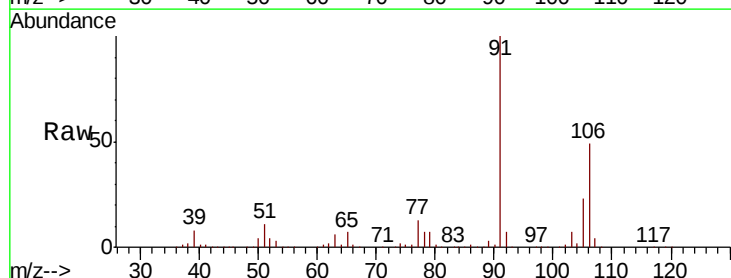
Acq: 28 Sep 2018 15:12

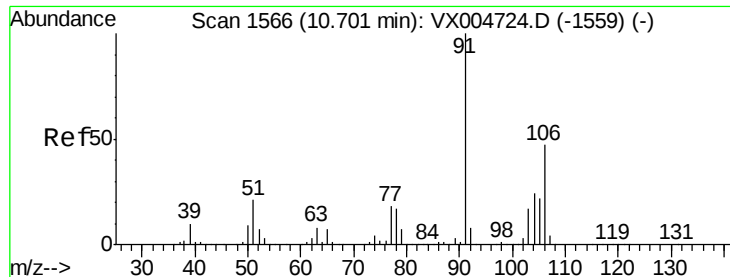
Tgt Ion: 106 Resp: 208469

Ion Ratio Lower Upper

106 100

91 205.2 157.1 235.7

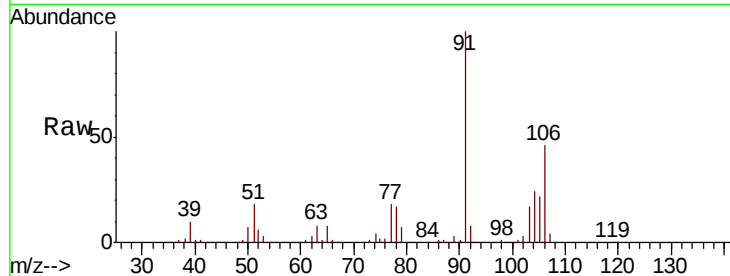




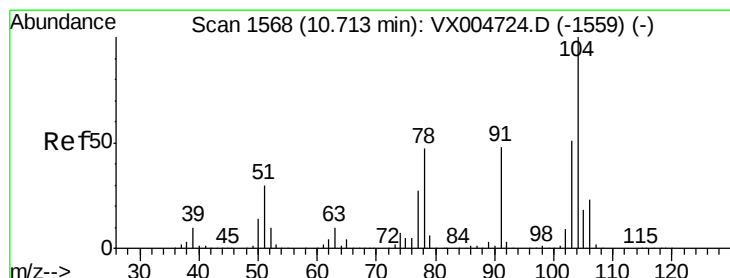
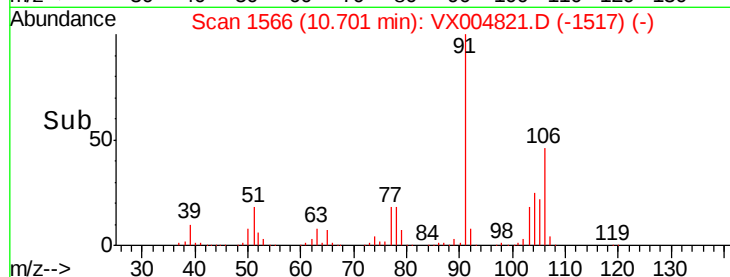
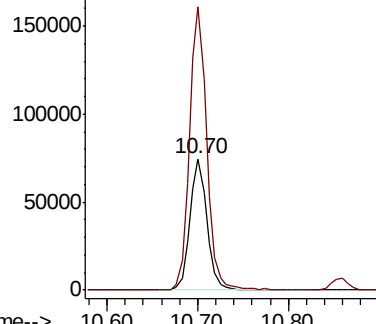
#69
o-Xylene
Concen: 19.585 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

Tot Ion:106 Resp: 98680
Ion Ratio Lower Upper
106 100
91 217.1 105.1 315.1

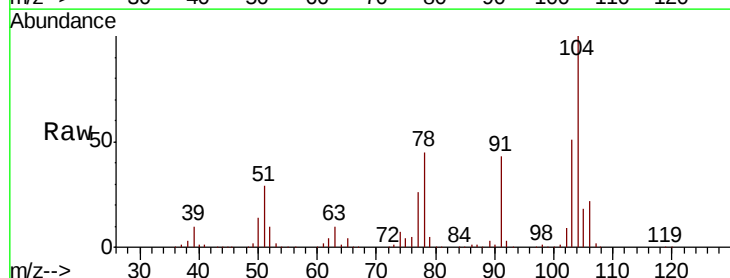


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

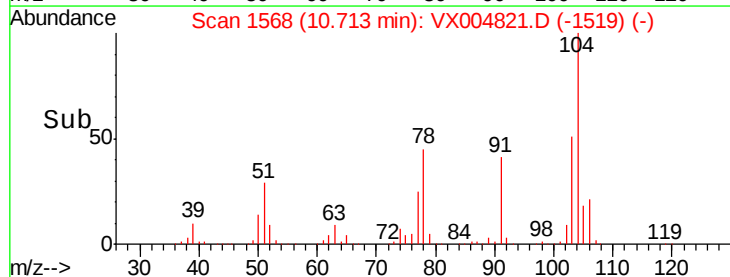
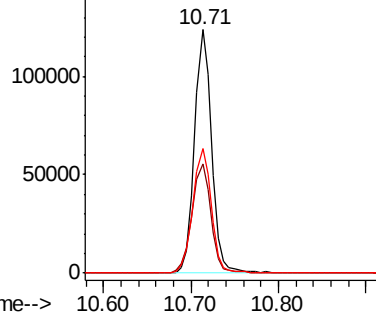


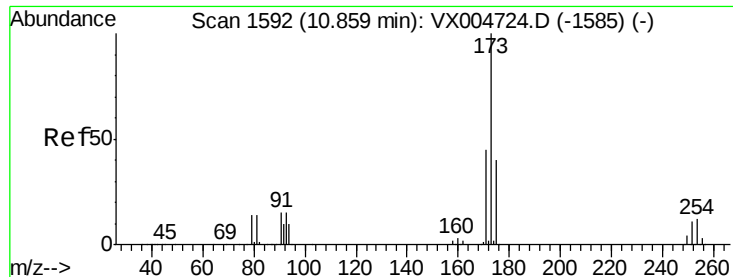
#70
Styrene
Concen: 19.075 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion:104 Resp: 166722
Ion Ratio Lower Upper
104 100
78 50.3 37.4 56.0
103 55.8 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.454 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

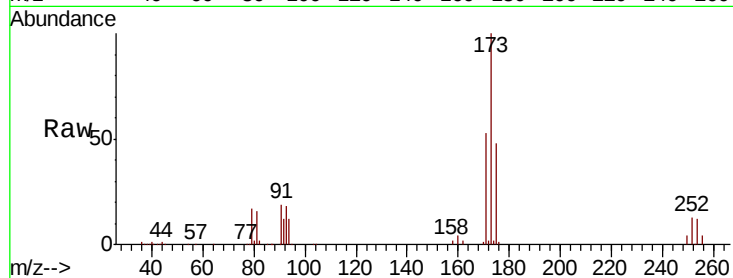
Tot Ion:173 Resp: 46451

Ion Ratio Lower Upper

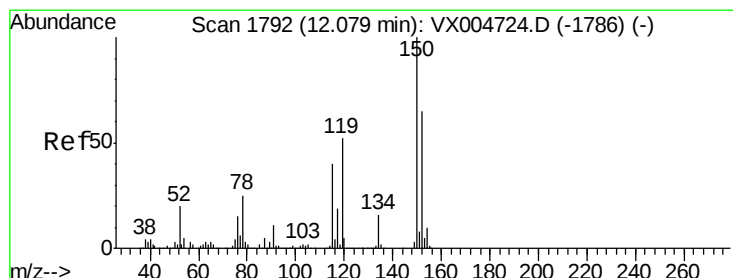
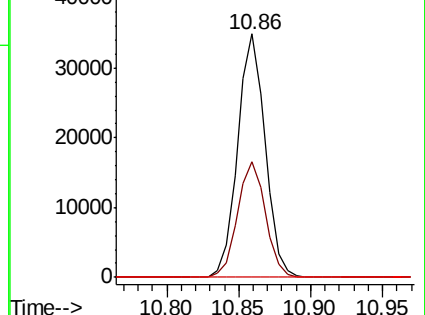
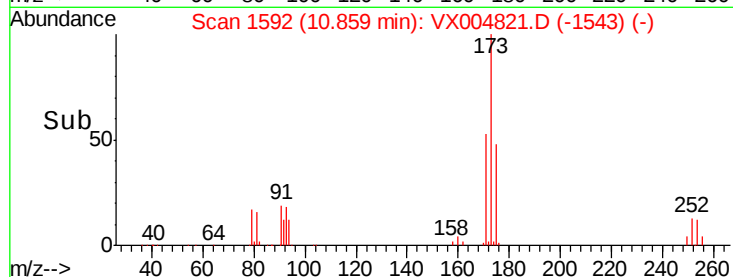
173 100

175 48.0 24.1 72.3

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

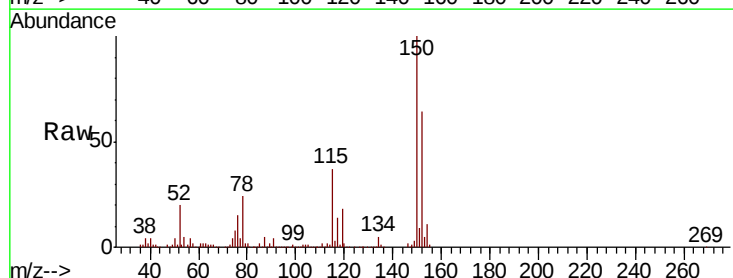
Tgt Ion:152 Resp: 206069

Ion Ratio Lower Upper

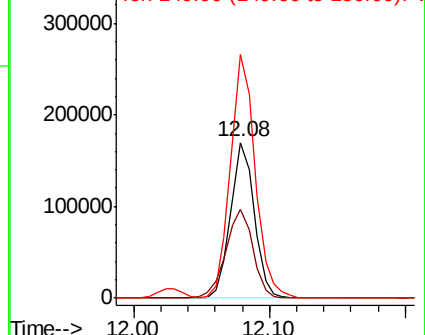
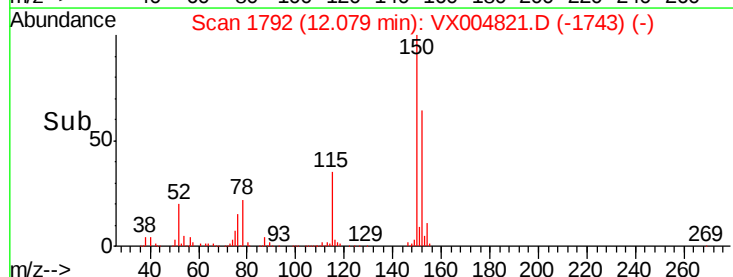
152 100

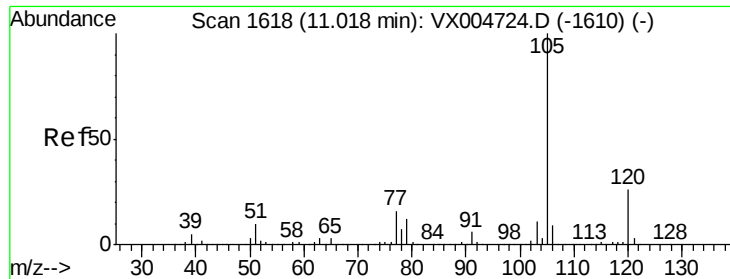
115 64.8 39.0 117.0

150 163.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.705 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

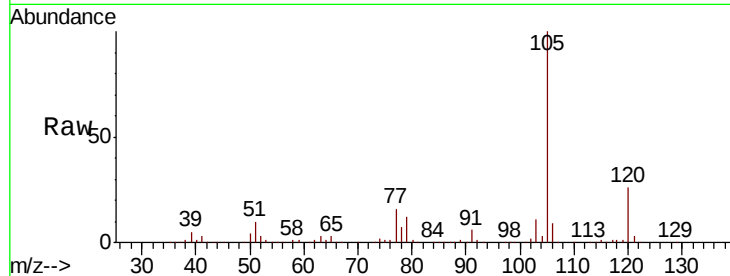
VX0928MBS01

Tot Ion: 105 Resp: 268928

Ion Ratio Lower Upper

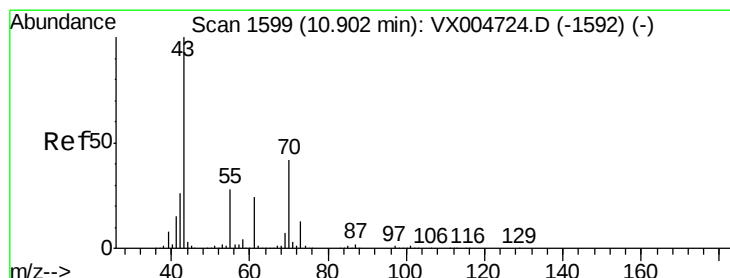
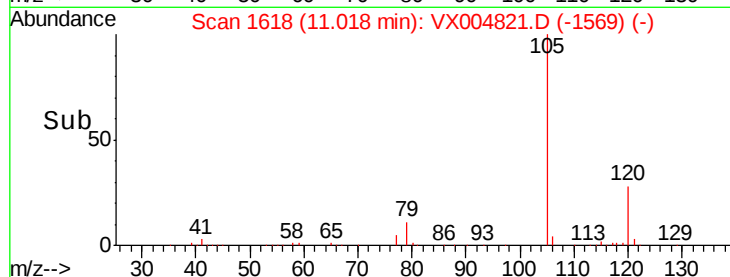
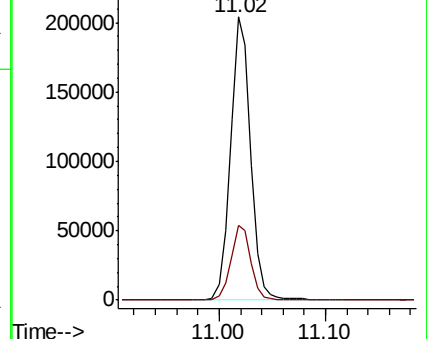
105 100

120 26.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.976 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Tgt Ion: 43 Resp: 127450

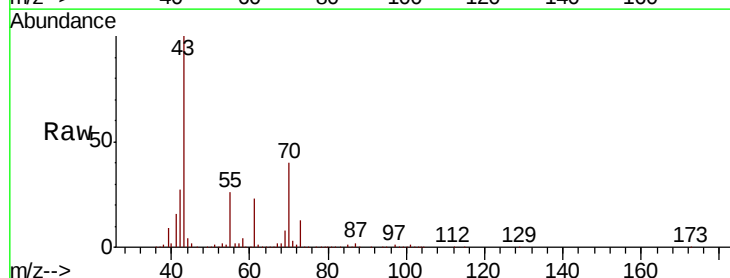
Ion Ratio Lower Upper

43 100

70 39.9 37.4 56.0

55 26.2 21.8 32.8

61 22.7 20.6 30.8

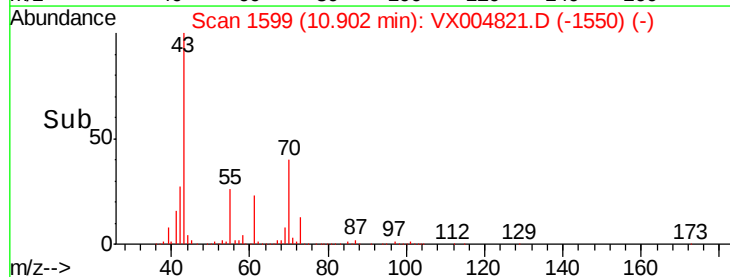
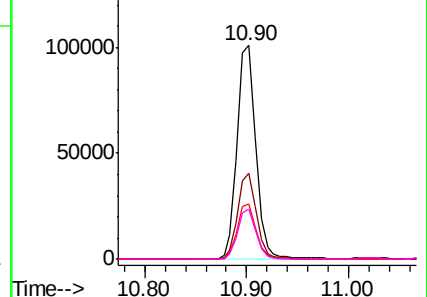


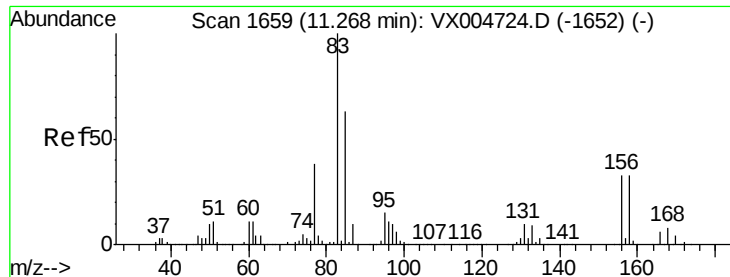
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.500 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampled :

VX0928MBS01

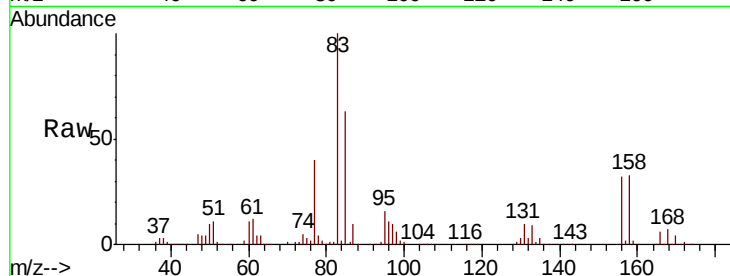
Tot Ion: 83 Resp: 97816

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

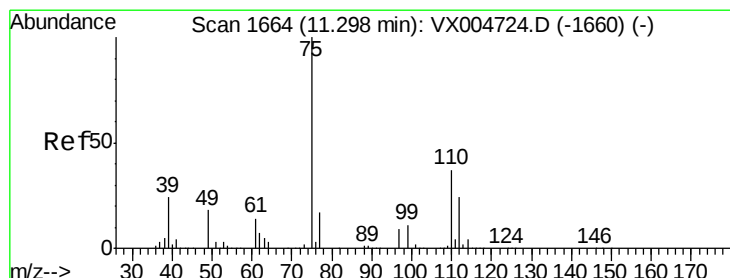
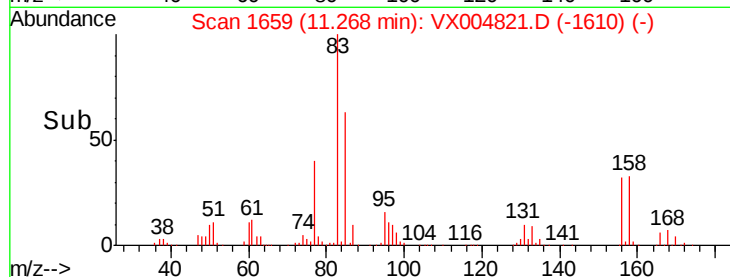
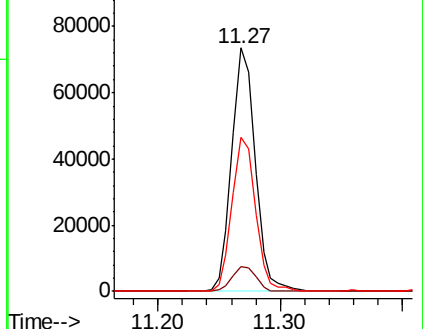
85 63.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.302 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004821.D

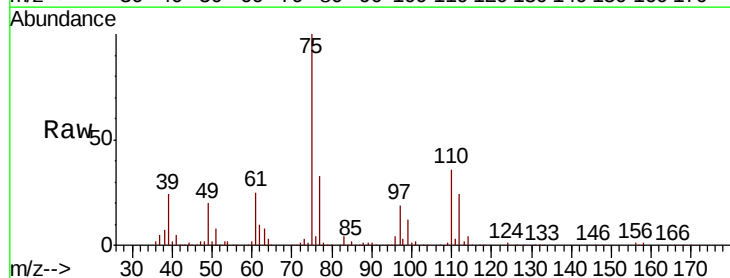
Acq: 28 Sep 2018 15:12

Tgt Ion: 75 Resp: 107628

Ion Ratio Lower Upper

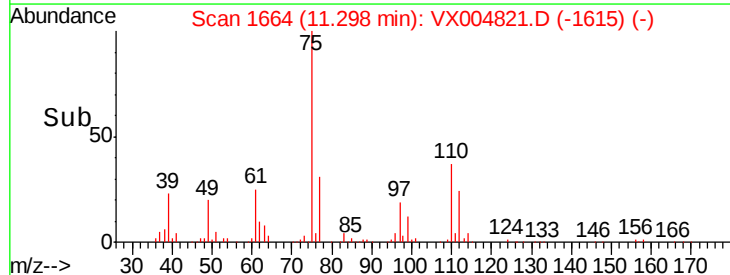
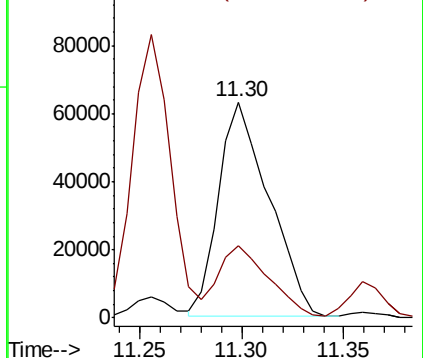
75 100

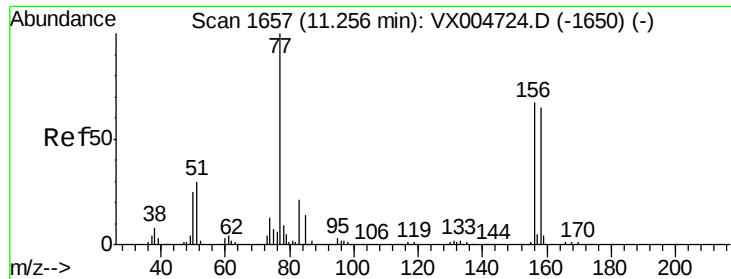
77 33.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.231 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

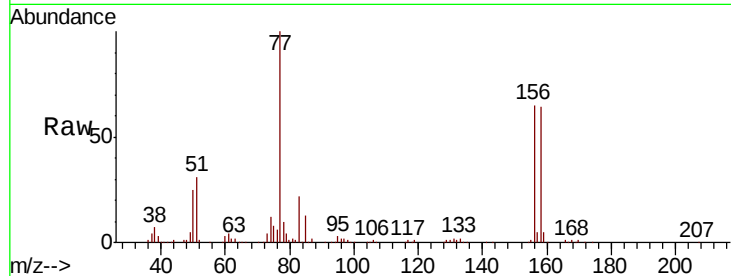
Tot Ion:156 Resp: 72554

Ion Ratio Lower Upper

156 100

77 150.4 71.5 214.3

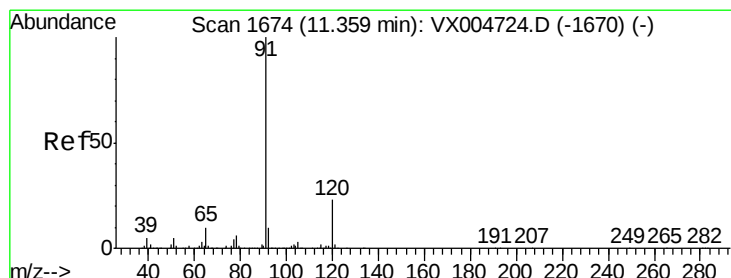
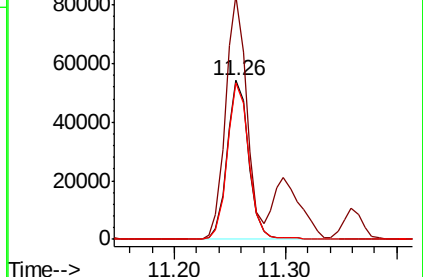
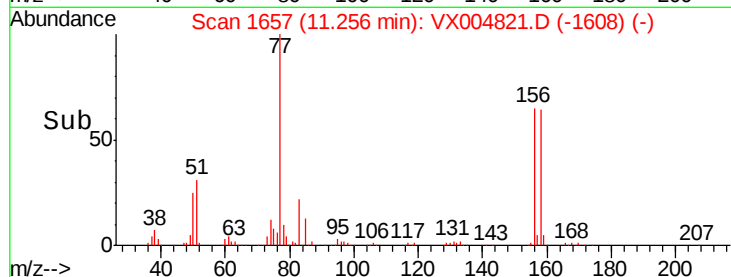
158 98.6 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.534 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004821.D

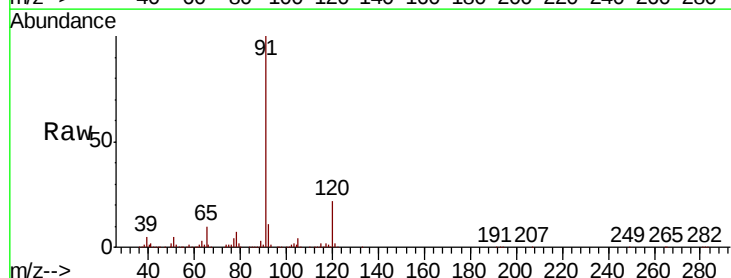
Acq: 28 Sep 2018 15:12

Tgt Ion: 91 Resp: 306019

Ion Ratio Lower Upper

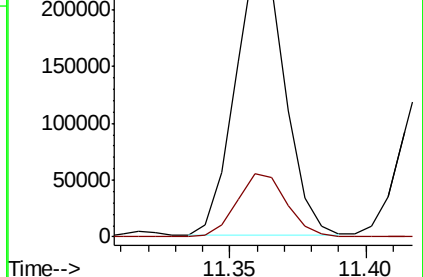
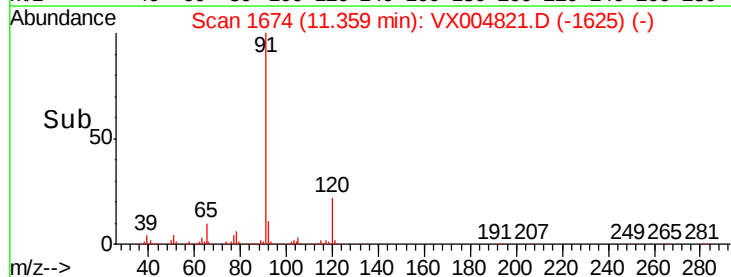
91 100

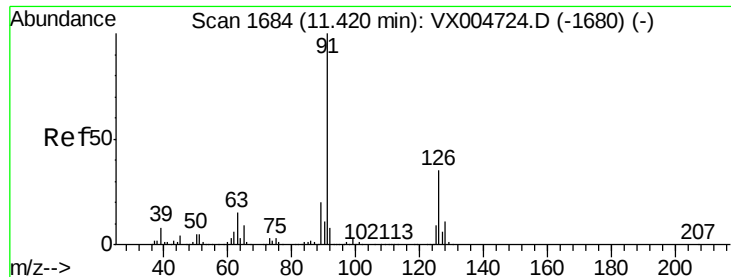
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.134 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

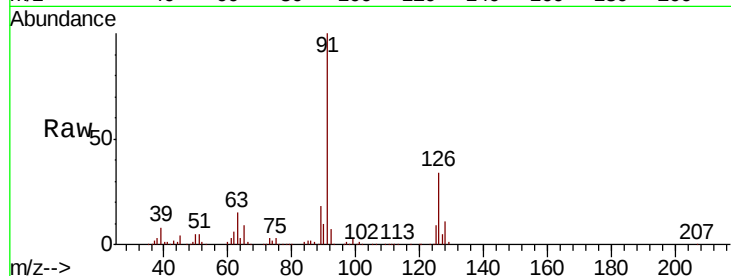
VX0928MBS01

Tot Ion: 91 Resp: 187028

Ion Ratio Lower Upper

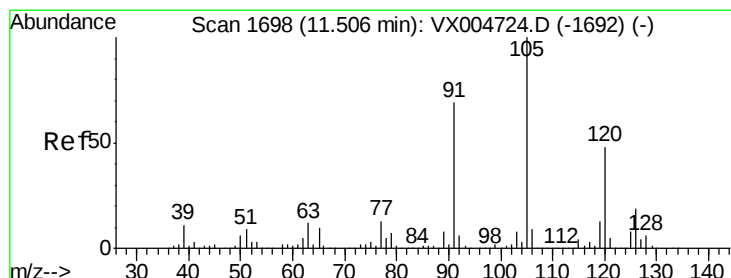
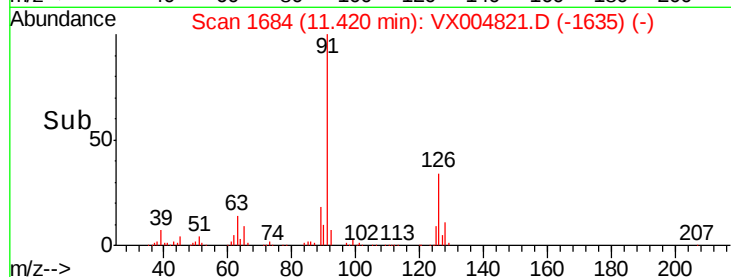
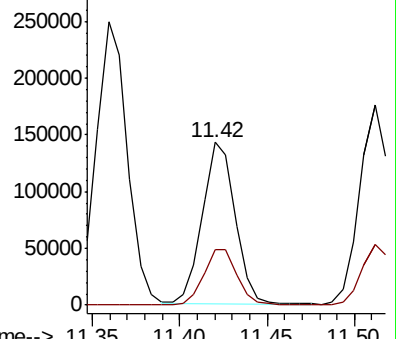
91 100

126 35.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.945 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004821.D

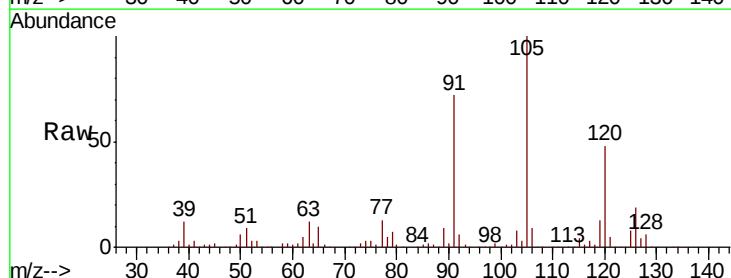
Acq: 28 Sep 2018 15:12

Tgt Ion:105 Resp: 226999

Ion Ratio Lower Upper

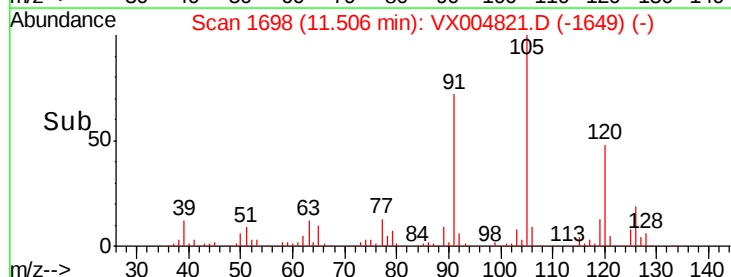
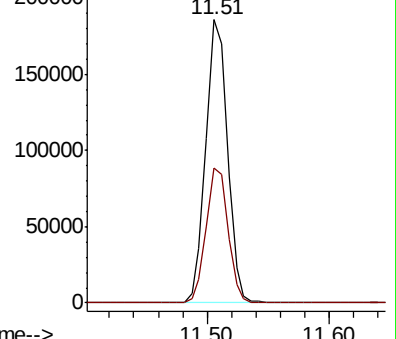
105 100

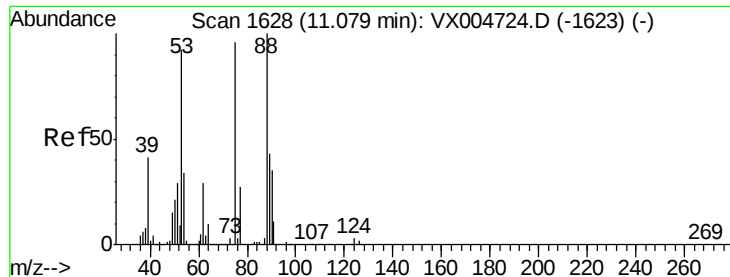
120 48.3 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.277 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

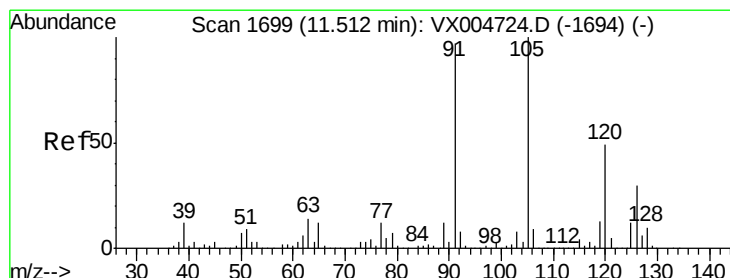
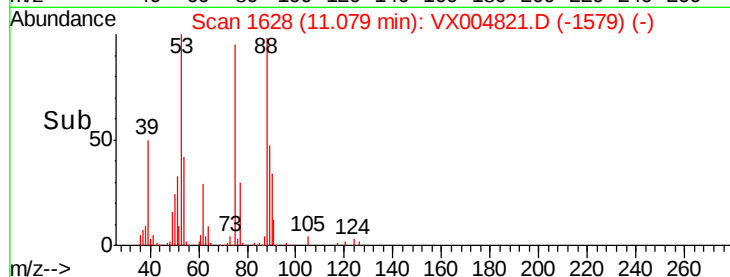
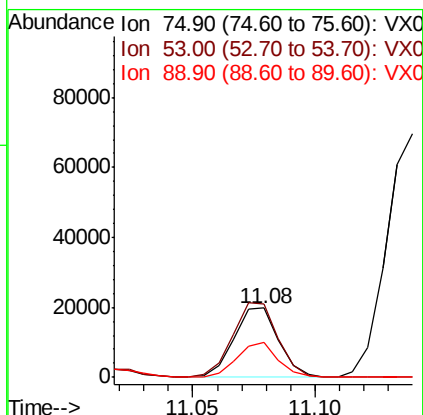
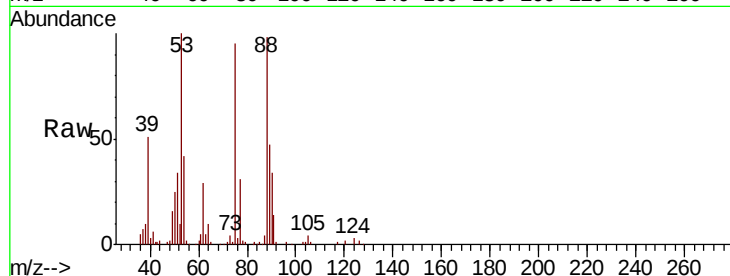
Tot Ion: 75 Resp: 25200

Ion Ratio Lower Upper

75 100

53 107.7 80.1 120.1

89 46.4 37.2 55.8



#82

4-Chlorotoluene

Concen: 20.119 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004821.D

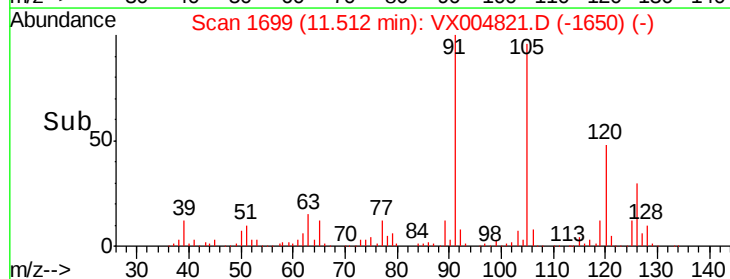
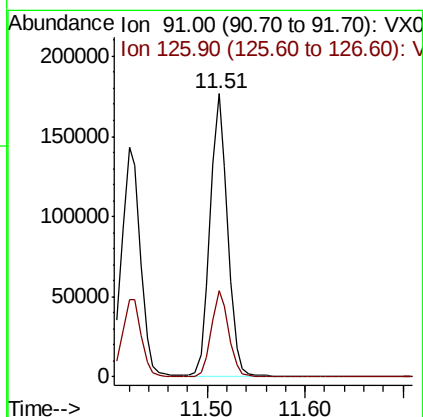
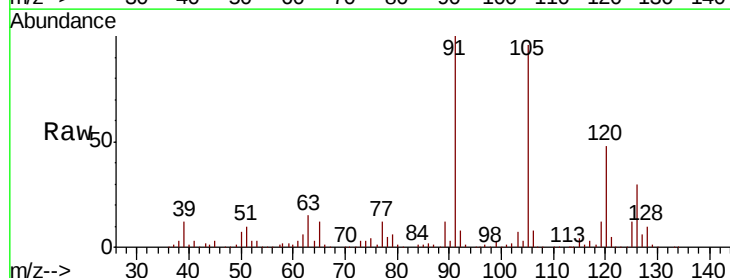
Acq: 28 Sep 2018 15:12

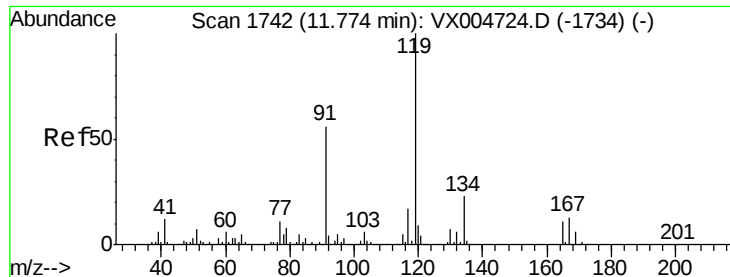
Tgt Ion: 91 Resp: 219979

Ion Ratio Lower Upper

91 100

126 30.2 15.5 46.5

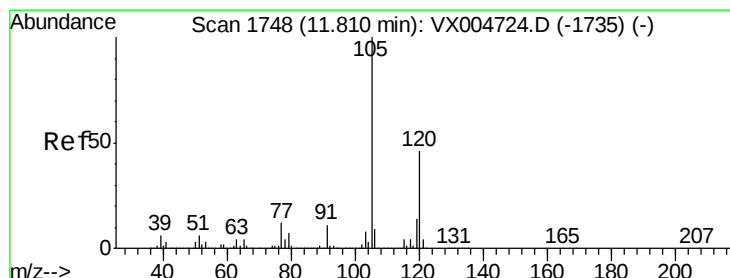
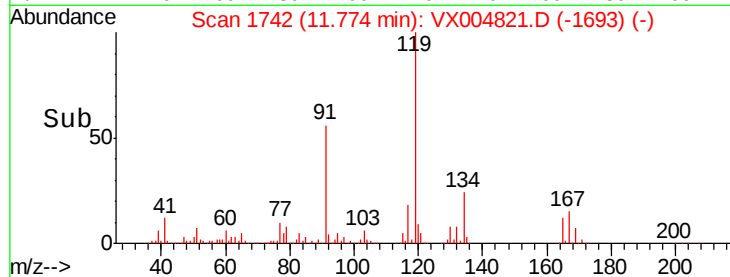
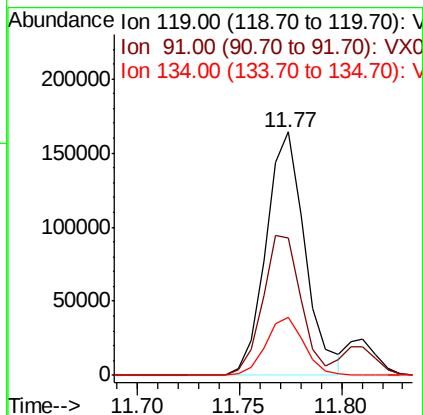
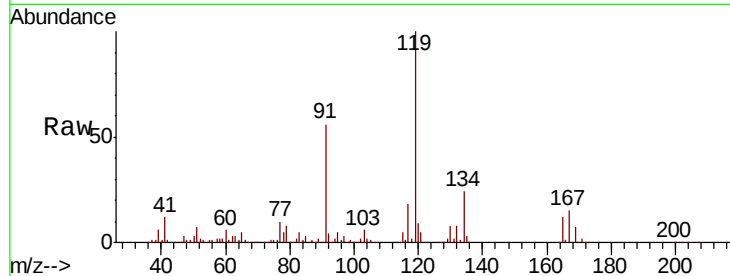




#83
 tert-Butylbenzene
 Concen: 20.463 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

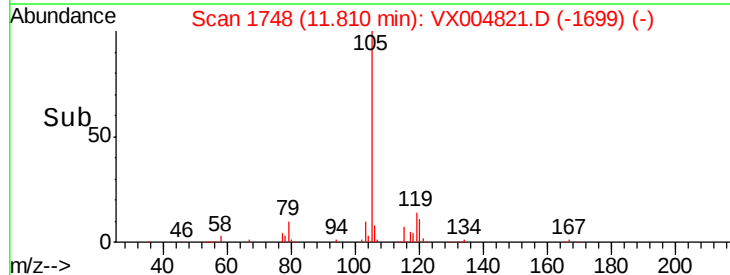
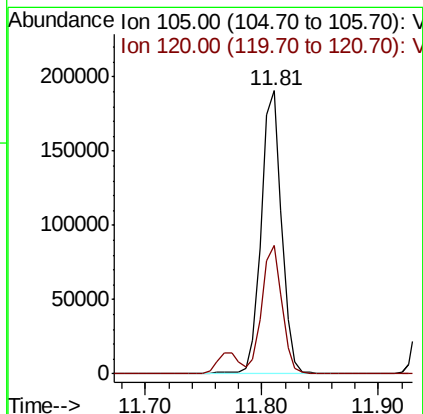
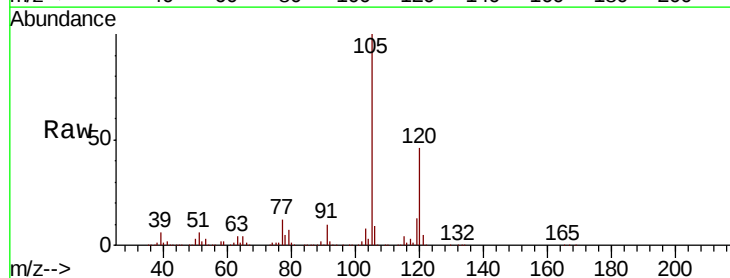
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

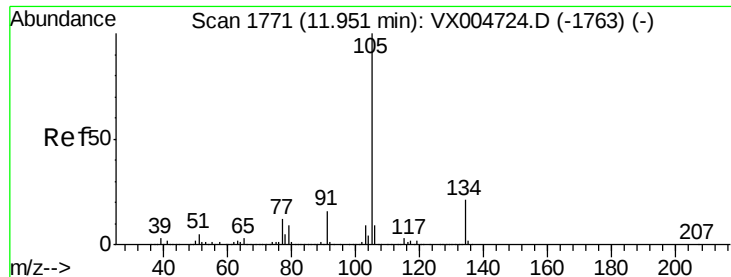
Tot Ion:119 Resp: 218832
 Ion Ratio Lower Upper
 119 100
 91 56.4 27.0 81.0
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.921 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Tgt Ion:105 Resp: 233804
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.691 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

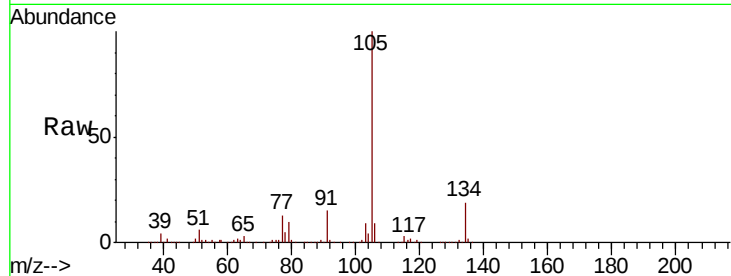
VX0928MBS01

Tot Ion:105 Resp: 269521

Ion Ratio Lower Upper

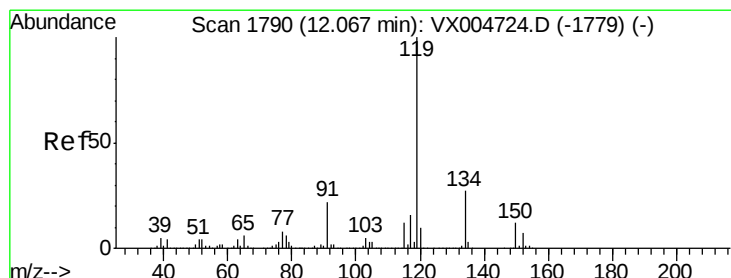
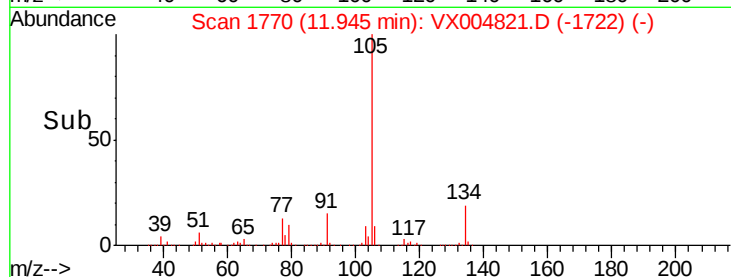
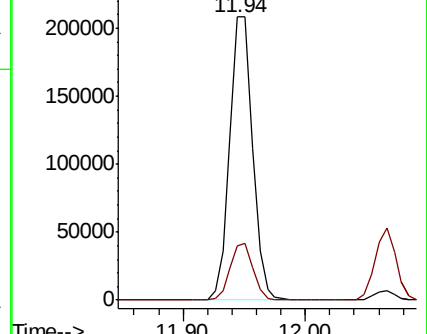
105 100

134 20.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.325 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

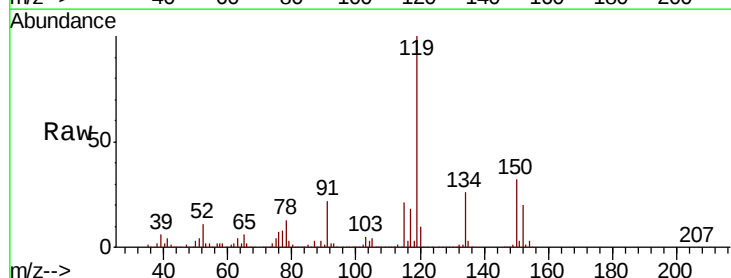
Tgt Ion:119 Resp: 239863

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

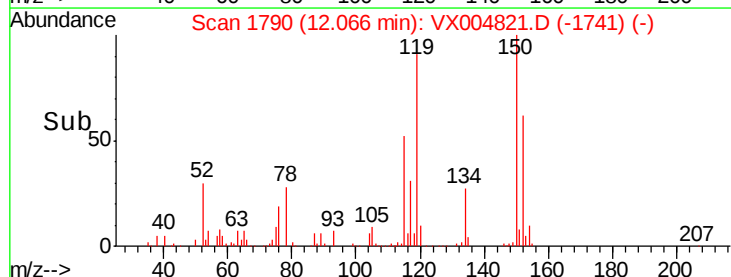
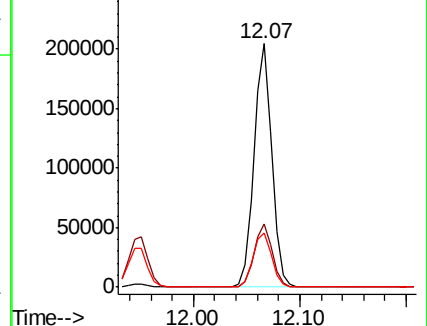
91 23.2 10.9 32.7

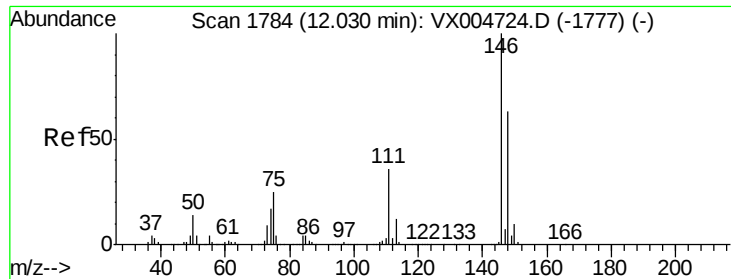


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

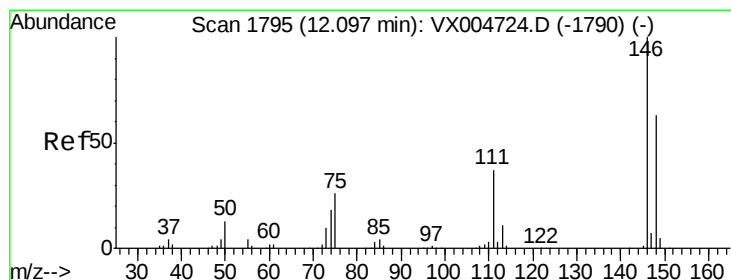
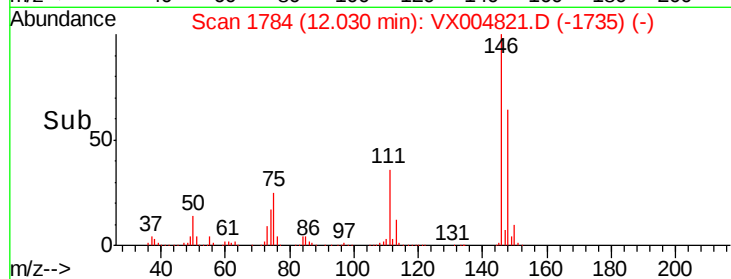
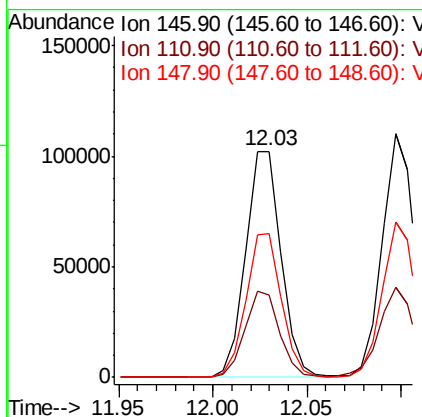
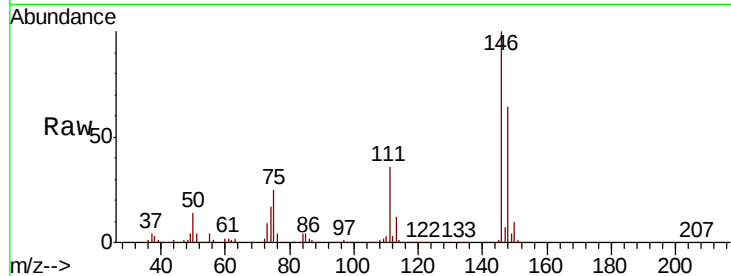




#87
 1,3-Dichlorobenzene
 Concen: 19.003 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

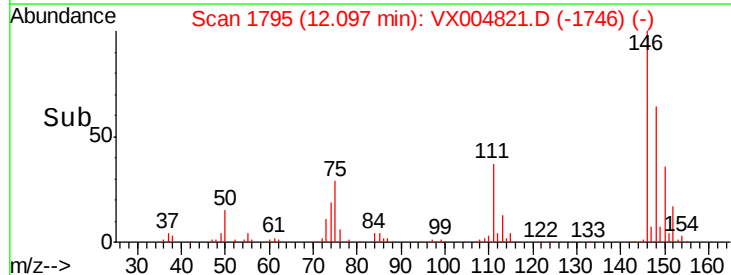
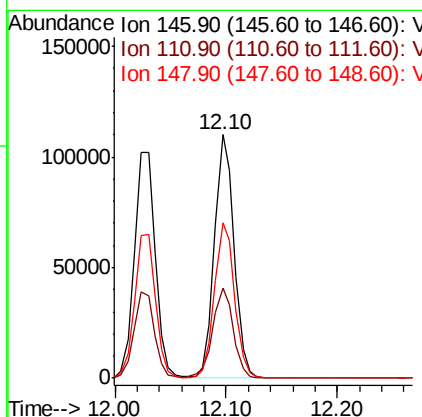
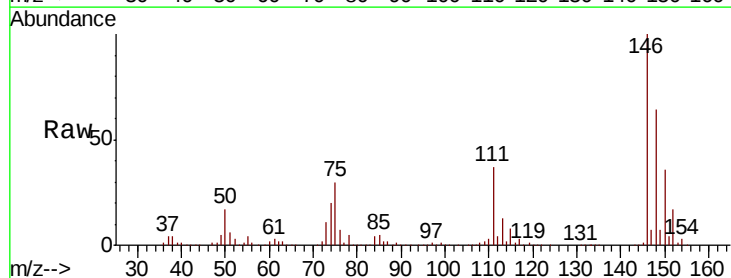
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

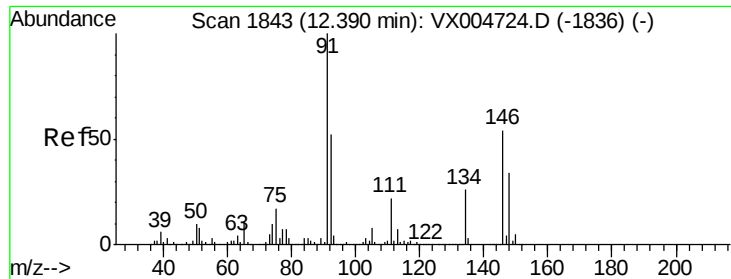
Tot Ion:146 Resp: 133874
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.488 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Tgt Ion:146 Resp: 134447
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.1 54.1
 148 65.2 32.0 96.0

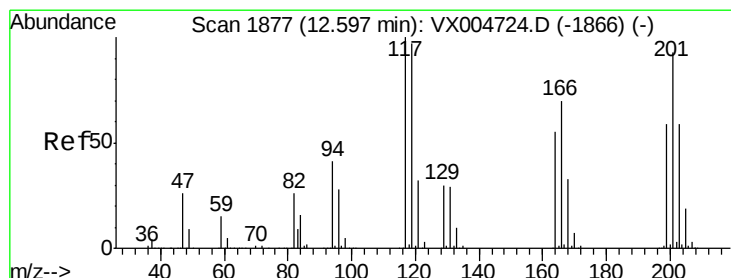
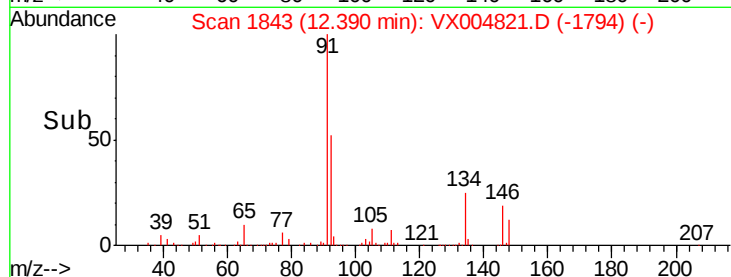
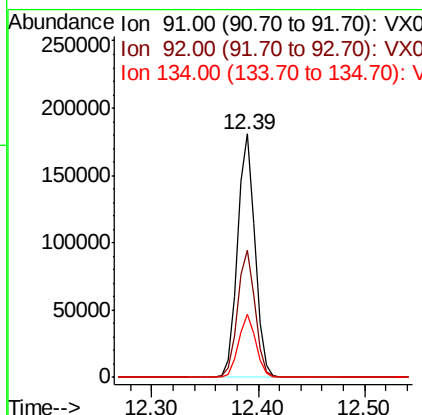
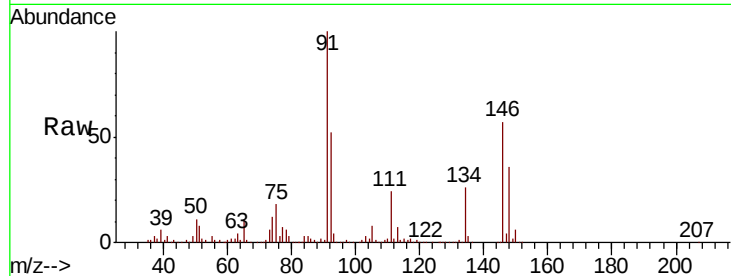




#89
n-Butylbenzene
Concen: 19.431 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

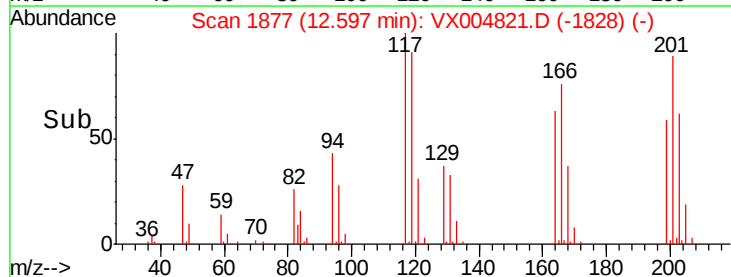
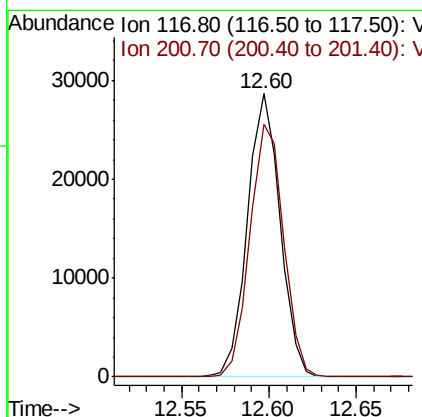
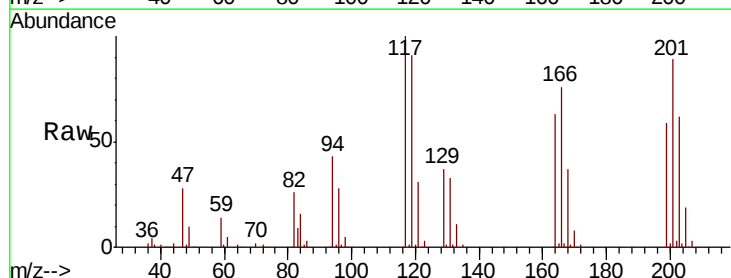
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

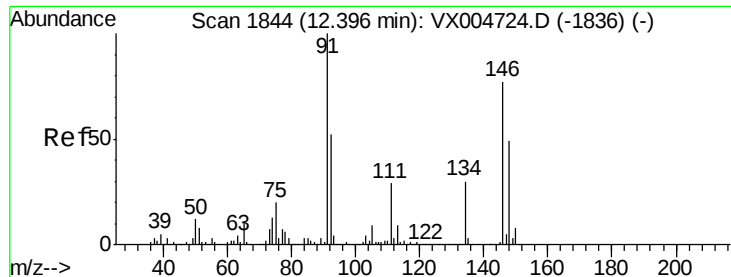
Tot Ion: 91 Resp: 208256
Ion Ratio Lower Upper
91 100
92 52.3 27.3 81.9
134 25.6 13.6 40.7



#90
Hexachloroethane
Concen: 18.875 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion: 117 Resp: 37087
Ion Ratio Lower Upper
117 100
201 92.2 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 18.000 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

Instrument :

MSVOA_X

ClientSampled :

VX0928MBS01

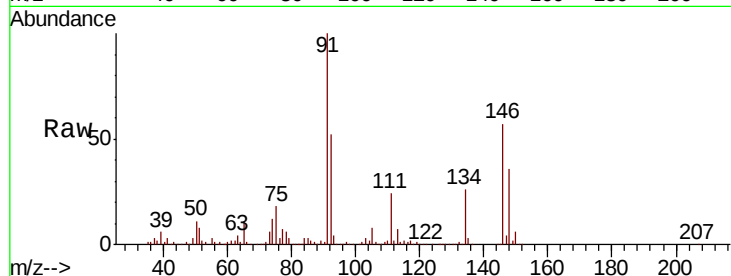
Tot Ion:146 Resp: 132517

Ion Ratio Lower Upper

146 100

111 40.8 19.4 58.1

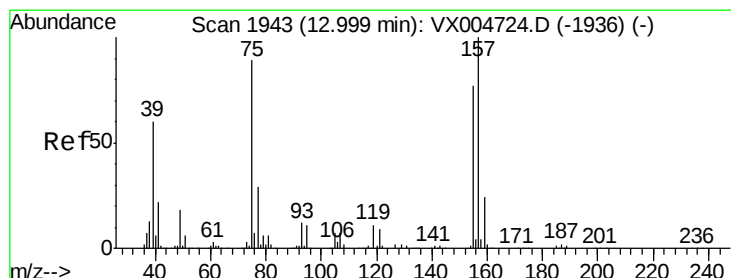
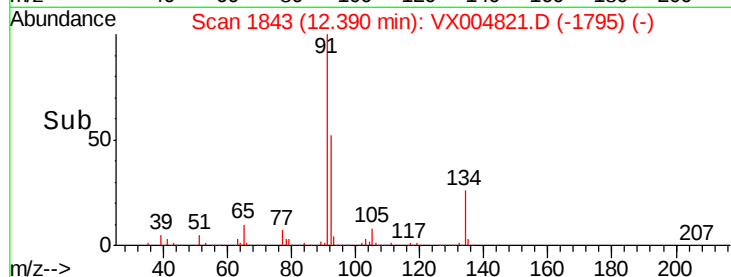
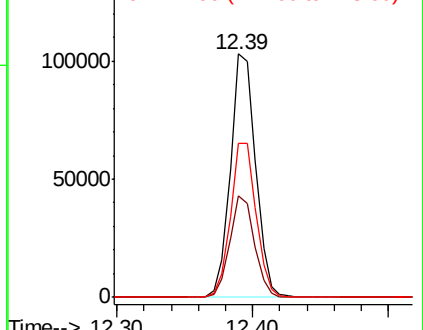
148 64.5 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.008 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004821.D

Acq: 28 Sep 2018 15:12

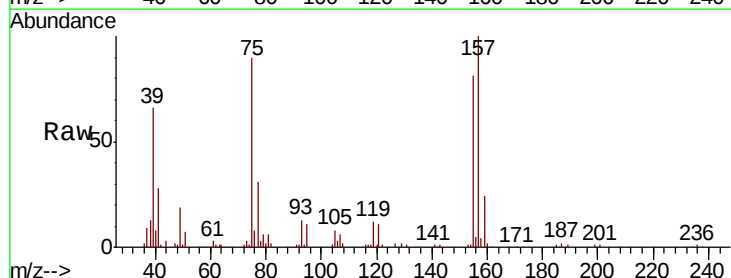
Tgt Ion: 75 Resp: 22067

Ion Ratio Lower Upper

75 100

155 90.8 48.0 144.2

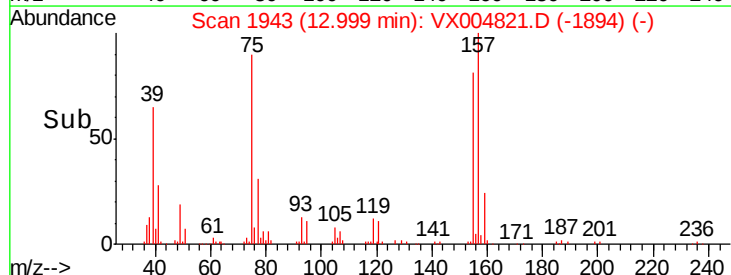
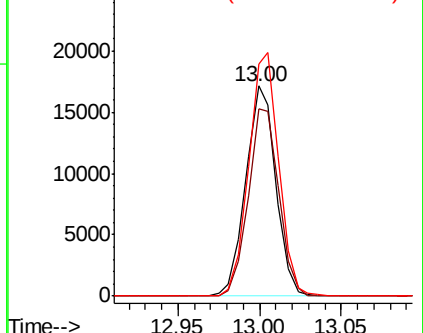
157 115.3 61.4 184.1

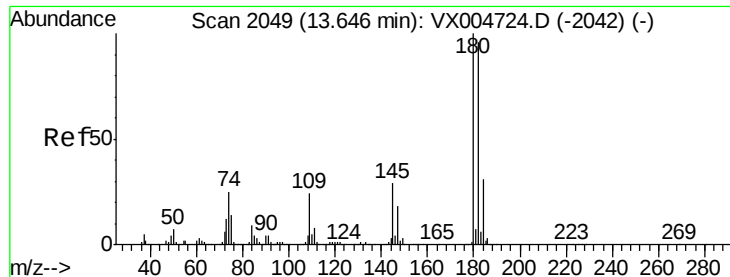


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

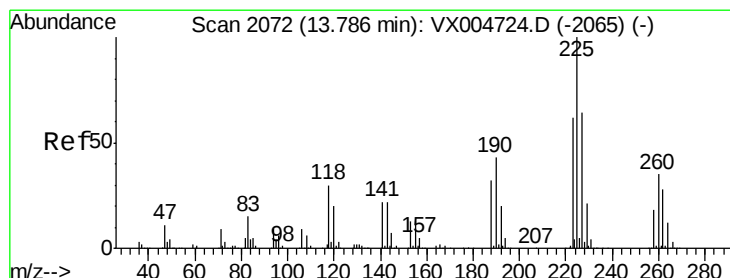
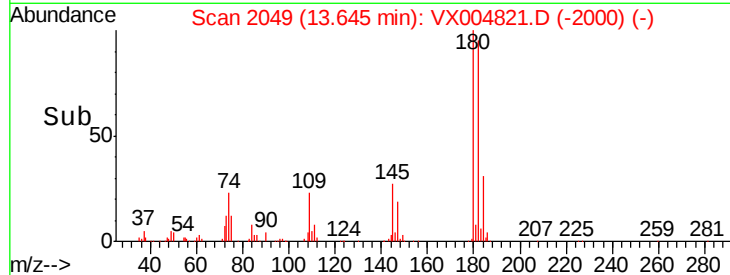
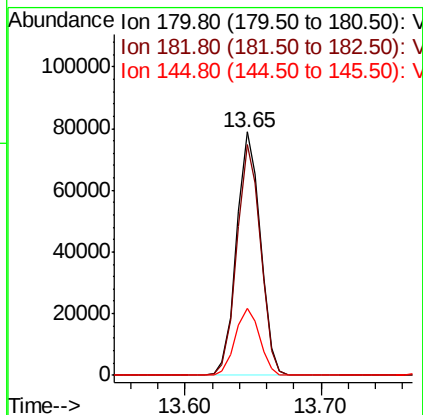
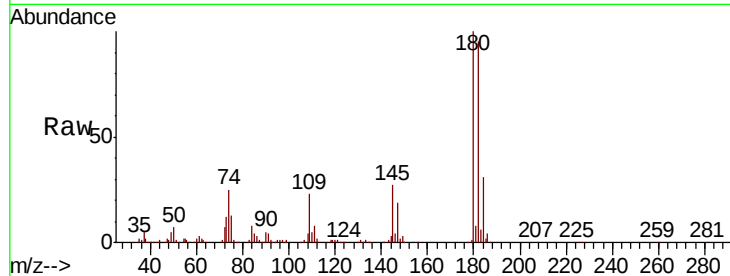




#93
 1,2,4-Trichlorobenzene
 Concen: 18.626 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

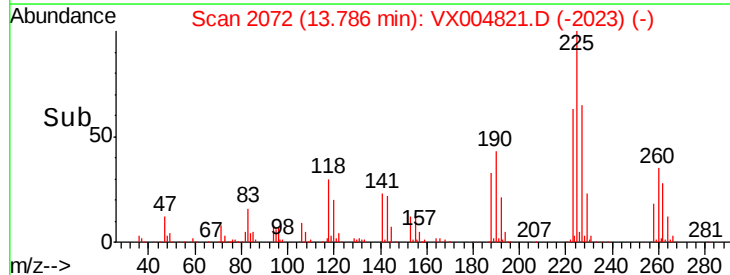
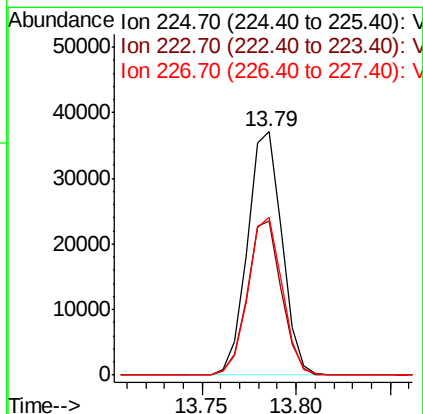
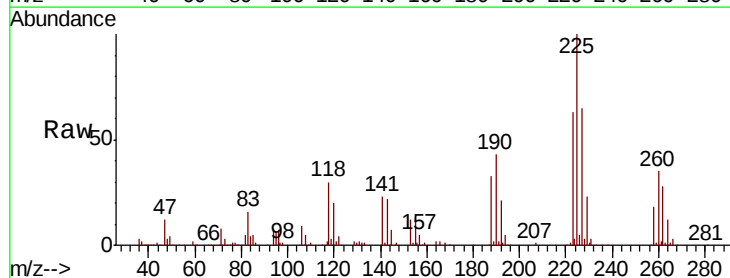
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

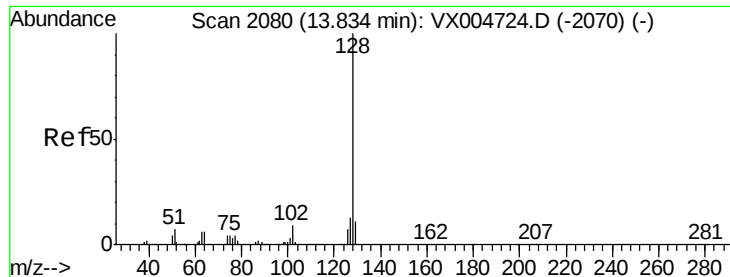
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.0
145	28.1	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 17.515 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004821.D
 Acq: 28 Sep 2018 15:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.1	90.5
227	64.3	30.8	92.4

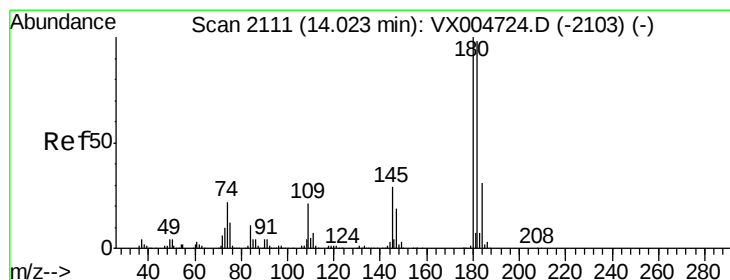
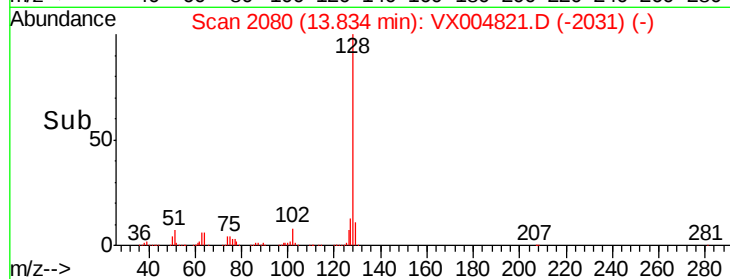
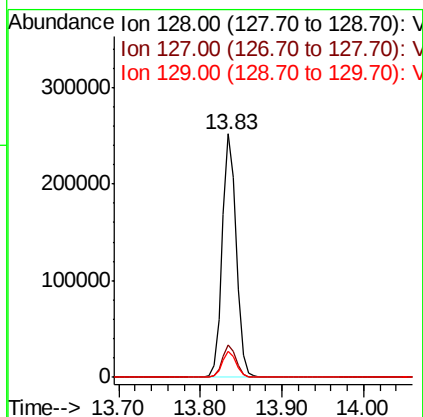
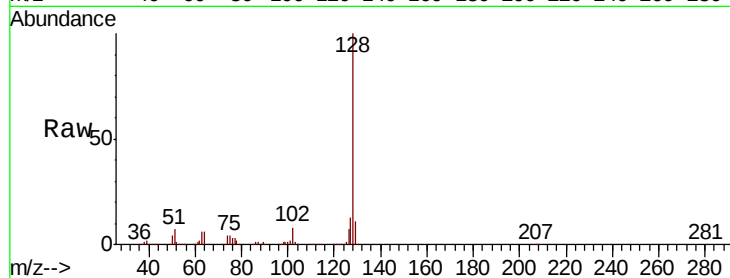




#95
Naphthalene
Concen: 18.071 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

Tot Ion:128 Resp: 301769
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.520 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004821.D
Acq: 28 Sep 2018 15:12

Tgt Ion:180 Resp: 98800
Ion Ratio Lower Upper
180 100
182 96.4 48.5 145.6
145 30.4 14.9 44.9

