

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004815.D
 Acq On : 28 Sep 2018 12:33
 Operator : JC/MD
 Sample : VX0928MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

Quant Time: Sep 29 06:21:50 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	5.66	168	203907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	161496	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
35) Dibromofluoromethane	5.49	113	125622	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.71	98	470673	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	11.14	95	177405	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55343	19.906	ug/l	98
3) Chloromethane	1.32	50	67266	19.942	ug/l	98
4) Vinyl Chloride	1.40	62	62239	19.673	ug/l	97
5) Bromomethane	1.64	94	33518	17.867	ug/l	98
6) Chloroethane	1.71	64	38263	20.836	ug/l	97
7) Trichlorofluoromethane	1.92	101	78053	19.929	ug/l	94
8) Diethyl Ether	2.19	74	36282	21.324	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42404	19.007	ug/l	96
10) Methyl Iodide	2.51	142	30507	10.219	ug/l	99
11) Tert butyl alcohol	3.07	59	91978	112.933	ug/l	99
12) 1,1-Dichloroethene	2.37	96	42742	19.345	ug/l	95
13) Acrolein	2.29	56	50001	86.286	ug/l	97
14) Allyl chloride	2.72	41	102722	21.308	ug/l	95
15) Acrylonitrile	3.15	53	201789	112.548	ug/l	98
16) Acetone	2.45	43	183378	107.834	ug/l	95
17) Carbon Disulfide	2.56	76	121851	18.354	ug/l	100
18) Methyl Acetate	2.78	43	103549	24.033	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	176819	23.202	ug/l	95
20) Methylene Chloride	2.85	84	56701	22.470	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	47585	19.675	ug/l	93
22) Diisopropyl ether	3.87	45	188472	23.218	ug/l	91
23) Vinyl Acetate	3.82	43	883387	118.885	ug/l	94
24) 1,1-Dichloroethane	3.69	63	101029	20.864	ug/l	97
25) 2-Butanone	4.70	43	268164	106.980	ug/l	95
26) 2,2-Dichloropropane	4.58	77	66387	19.688	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	53941	19.964	ug/l	93
28) Bromochloromethane	5.01	49	47317	20.750	ug/l	88
29) Tetrahydrofuran	5.15	42	175430	112.600	ug/l	91
30) Chloroform	5.21	83	93220	20.370	ug/l	97
31) Cyclohexane	5.57	56	71515	19.296	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	73022	19.538	ug/l	99
36) 1,1-Dichloropropene	5.79	75	62382	17.257	ug/l	100
37) Ethyl Acetate	4.85	43	95392	19.880	ug/l	98
38) Carbon Tetrachloride	5.77	117	62166	16.360	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65413	17.722	ug/l	95
40) Benzene	6.14	78	205085	18.122	ug/l	99
41) Methacrylonitrile	5.06	41	52698	19.803	ug/l	96
42) 1,2-Dichloroethane	6.20	62	78515	19.626	ug/l	97
43) Isopropyl Acetate	6.46	43	137973	19.922	ug/l	96
44) Trichloroethene	7.21	130	53214	19.128	ug/l	98
45) 1,2-Dichloropropane	7.51	63	58714	21.156	ug/l	99
46) Dibromomethane	7.66	93	37364	21.422	ug/l	97
47) Bromodichloromethane	7.90	83	69589	21.310	ug/l	99
48) Methyl methacrylate	7.77	41	71572	22.768	ug/l	93
49) 1,4-Dioxane	7.75	88	33917	434.299	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	507285	116.330	ug/l	93
52) Toluene	8.79	92	127565	20.514	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	75954	20.583	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	83233	21.534	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	56722	20.824	ug/l	98
56) Ethyl methacrylate	9.18	69	83156	20.598	ug/l	93
57) 1,3-Dichloropropane	9.37	76	94586	20.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	248784	114.203	ug/l	93
59) 2-Hexanone	9.49	43	401875	110.591	ug/l	92
60) Dibromochloromethane	9.58	129	54603	20.044	ug/l	98
61) 1,2-Dibromoethane	9.67	107	58456	20.039	ug/l	100
64) Tetrachloroethene	9.34	164	50822	16.535	ug/l	97
65) Chlorobenzene	10.14	112	146547	18.301	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	51647	18.346	ug/l	100
67) Ethyl Benzene	10.25	91	233202	18.343	ug/l	95
68) m/p-Xylenes	10.36	106	185886	37.416	ug/l	95
69) o-Xylene	10.70	106	89218	19.552	ug/l	96
70) Styrene	10.71	104	153480	19.354	ug/l	97
71) Bromoform	10.86	173	44387	18.417	ug/l	100
73) Isopropylbenzene	11.02	105	230997	18.836	ug/l	100
74) N-amyl acetate	10.90	43	121568	19.152	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	93515	18.732	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	105781	24.257	ug/l	88
77) Bromobenzene	11.26	156	67609	18.980	ug/l	96
78) n-propylbenzene	11.36	91	270026	19.190	ug/l	99
79) 2-Chlorotoluene	11.42	91	169289	19.301	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	202071	17.851	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	24427	16.657	ug/l	95
82) 4-Chlorotoluene	11.51	91	199976	19.371	ug/l	99
83) tert-Butylbenzene	11.77	119	193718	19.186	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	211015	18.078	ug/l	98
85) sec-Butylbenzene	11.94	105	228030	18.541	ug/l	98
86) p-Isopropyltoluene	12.07	119	206308	18.515	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	124778	18.760	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	127680	18.595	ug/l	98
89) n-Butylbenzene	12.39	91	175963	17.388	ug/l	96
90) Hexachloroethane	12.60	117	32516	17.527	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	127864	18.395	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21599	19.705	ug/l	94

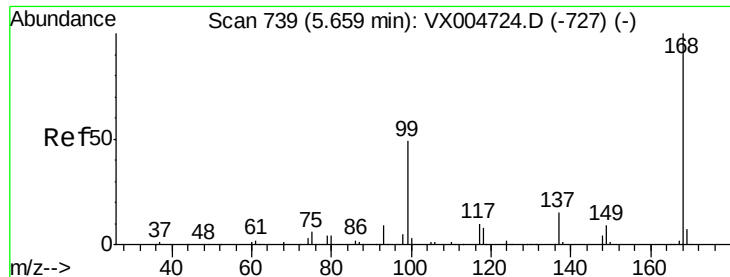
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092818\
Data File : VX004815.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89997	18.457	ug/l	99
94) Hexachlorobutadiene	13.79	225	39675	15.691	ug/l	97
95) Naphthalene	13.83	128	288975	18.318	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	95235	18.907	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

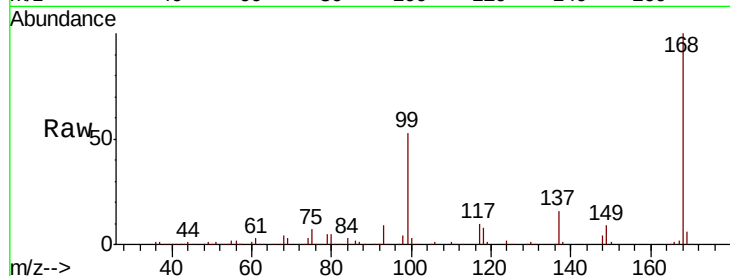
VX0928MBS01

Tot Ion:168 Resp: 203907

Ion Ratio Lower Upper

168 100

99 52.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

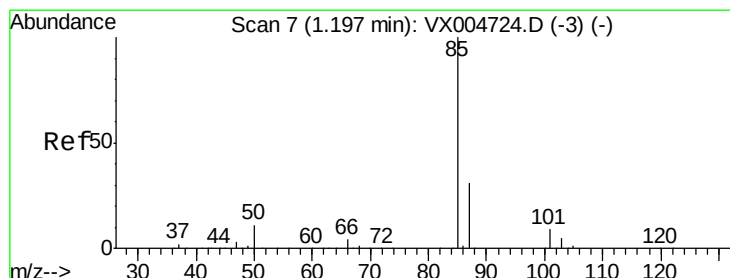
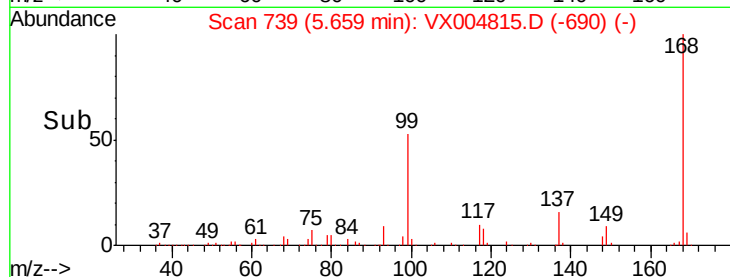
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.906 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004815.D

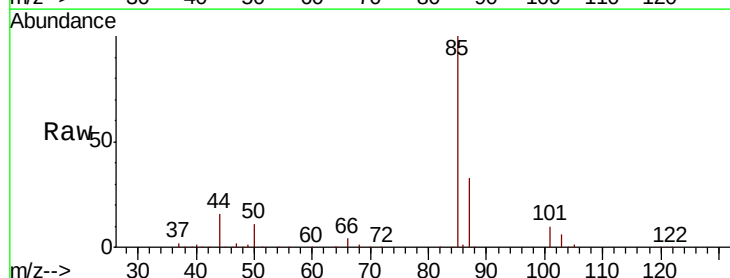
Acq: 28 Sep 2018 12:33

Tgt Ion: 85 Resp: 55343

Ion Ratio Lower Upper

85 100

87 32.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

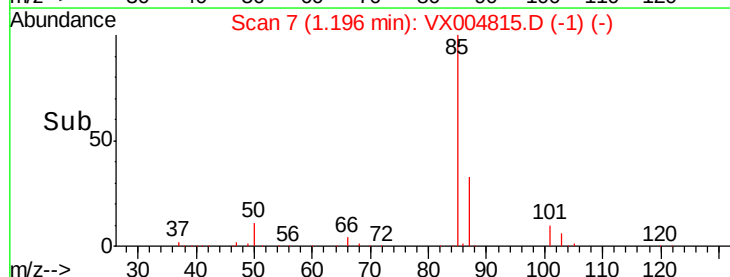
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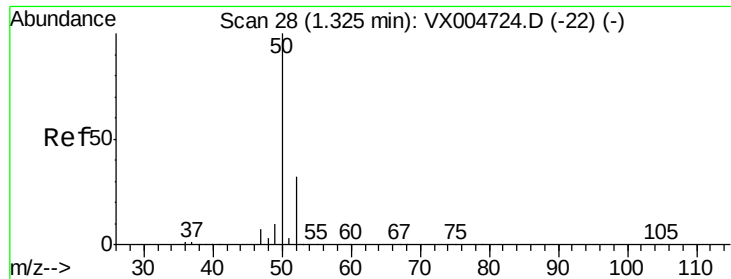
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.942 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

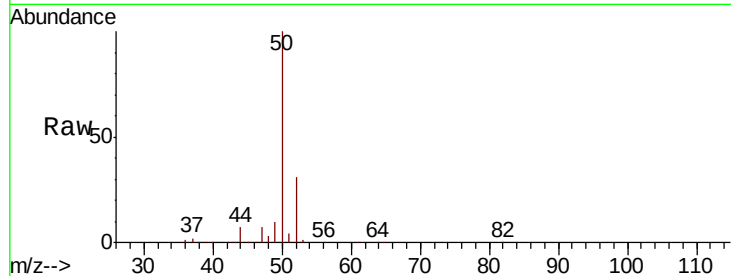
VX0928MBS01

Tot Ion: 50 Resp: 67266

Ion Ratio Lower Upper

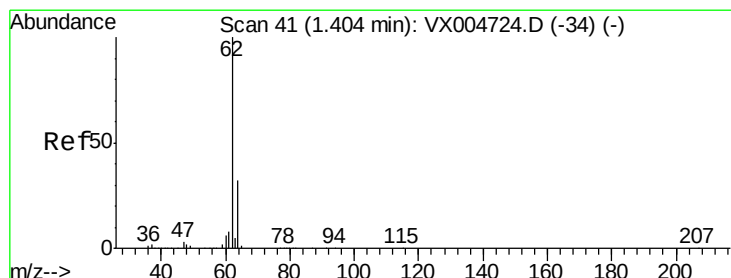
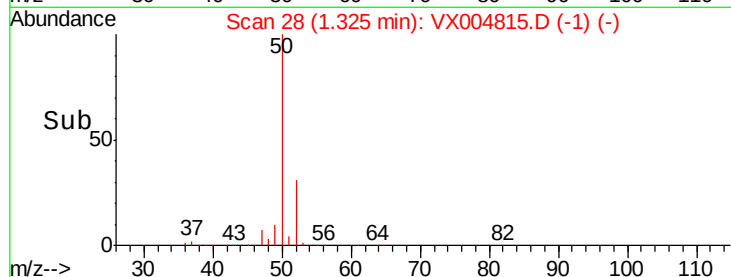
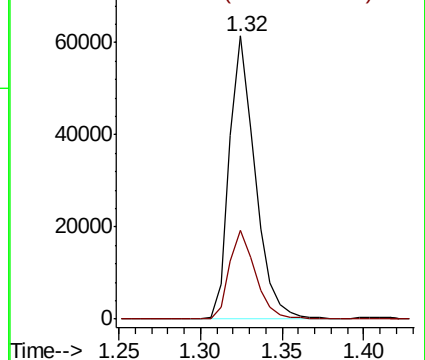
50 100

52 31.4 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: 19.673 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004815.D

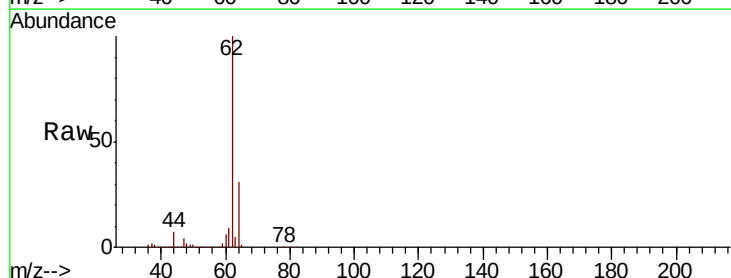
Acq: 28 Sep 2018 12:33

Tgt Ion: 62 Resp: 62239

Ion Ratio Lower Upper

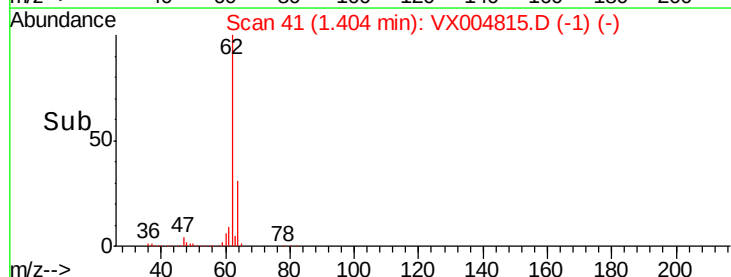
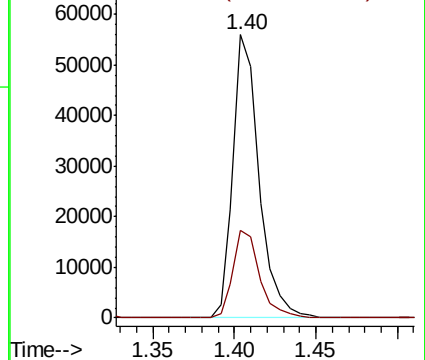
62 100

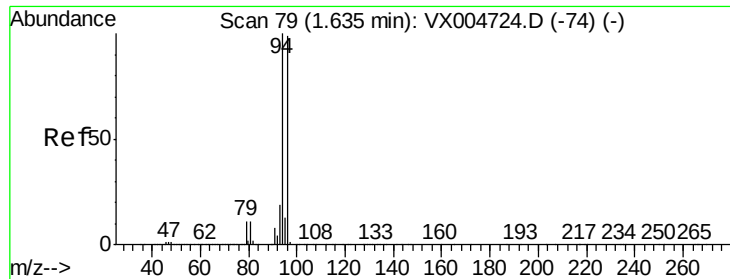
64 30.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.867 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

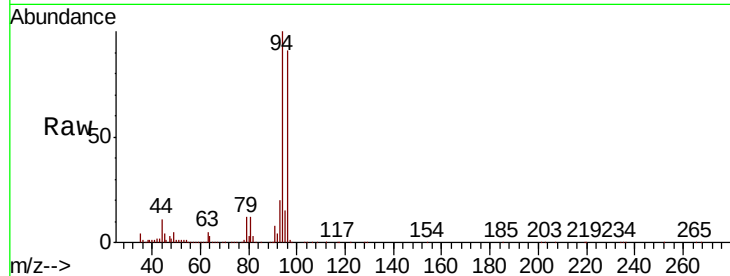
VX0928MBS01

Tot Ion: 94 Resp: 33518

Ion Ratio Lower Upper

94 100

96 91.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

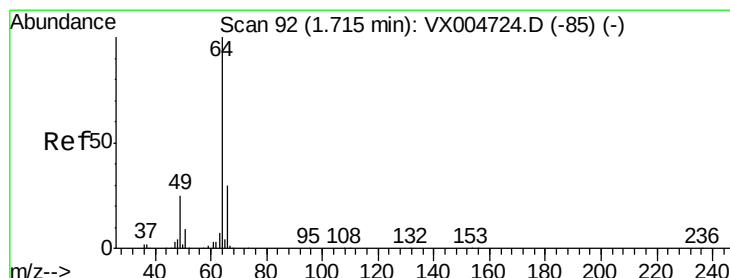
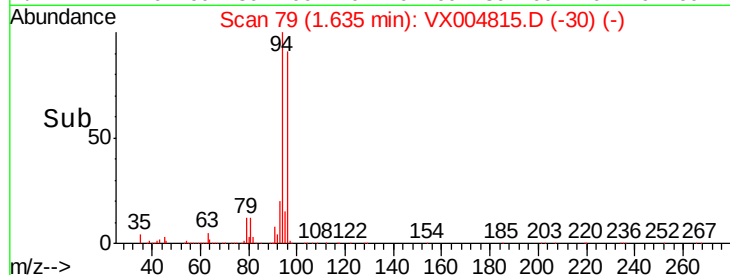
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 20.836 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004815.D

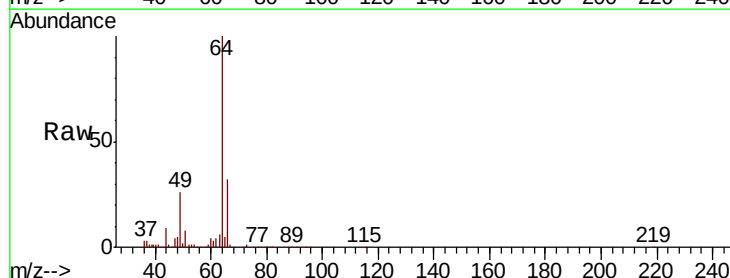
Acq: 28 Sep 2018 12:33

Tgt Ion: 64 Resp: 38263

Ion Ratio Lower Upper

64 100

66 32.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

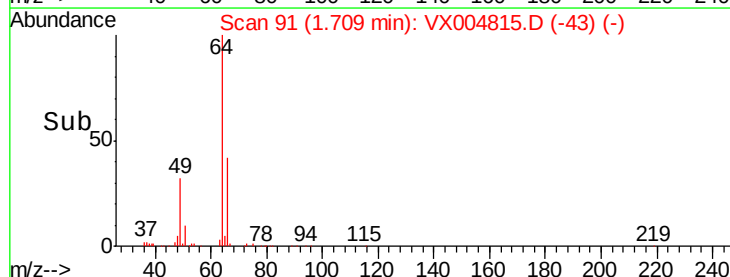
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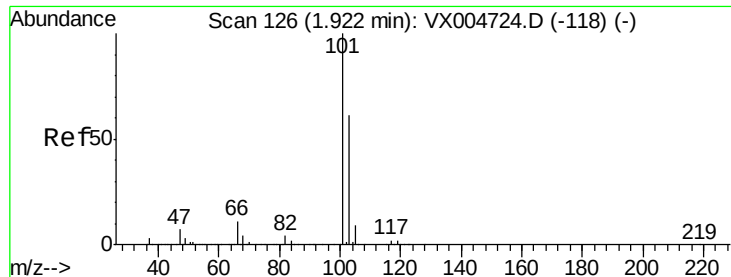
10000

0

Time-->

1.65 1.70 1.75 1.80



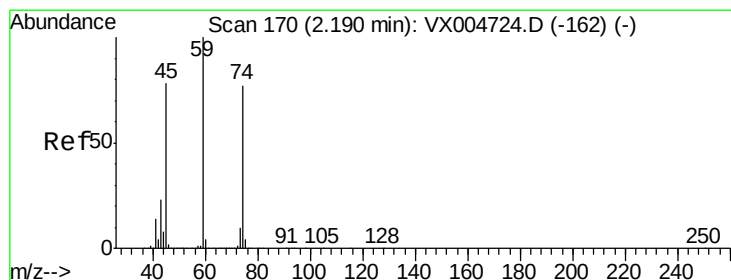
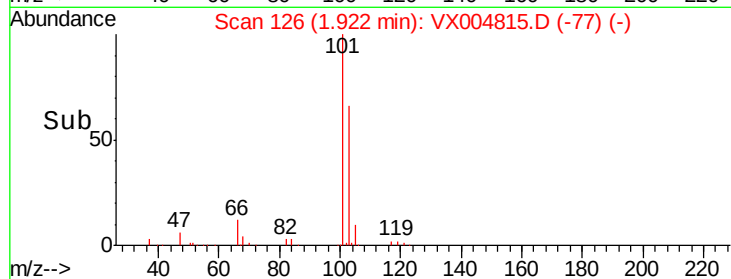
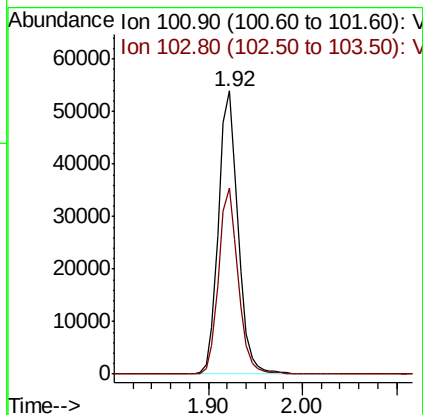
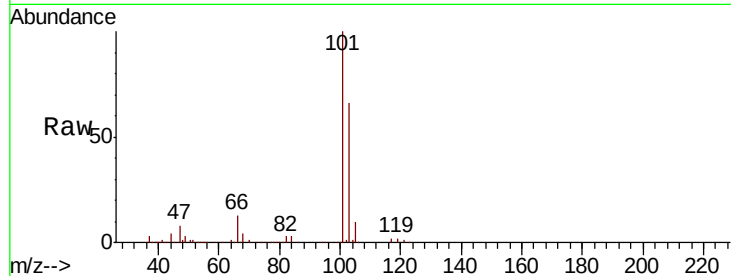


#7

Trichlorofluoromethane
 Concen: 19.929 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

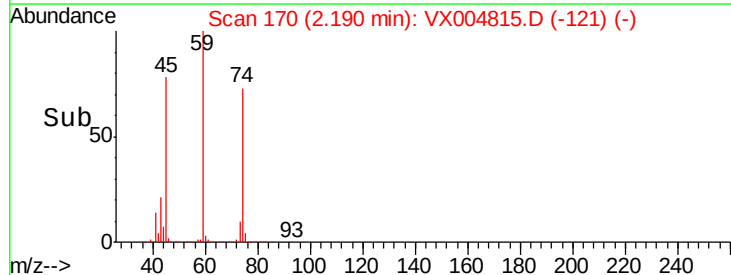
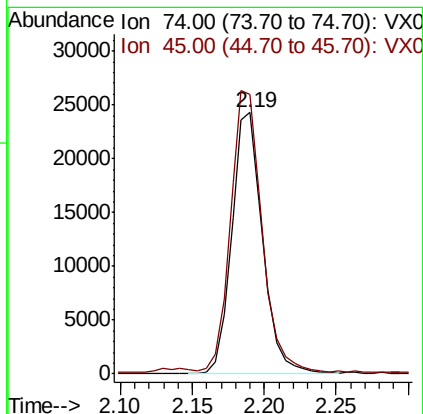
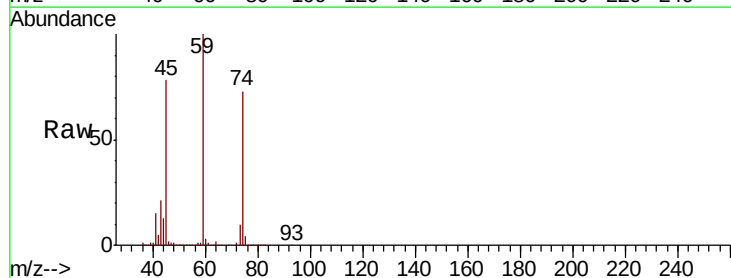
Tot Ion:101 Resp: 78053
 Ion Ratio Lower Upper
 101 100
 103 65.9 48.9 73.3

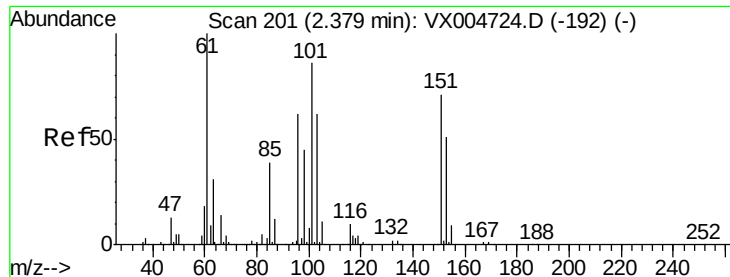


#8

Diethyl Ether
 Concen: 21.324 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Tgt Ion: 74 Resp: 36282
 Ion Ratio Lower Upper
 74 100
 45 110.8 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.007 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

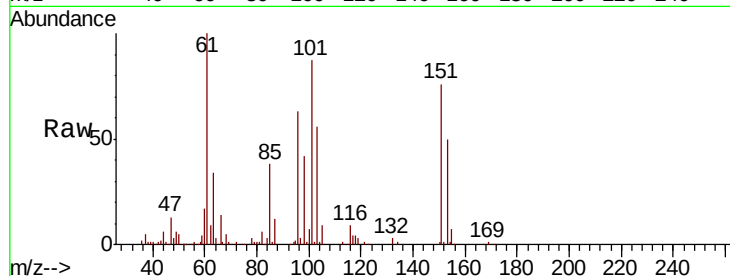
Tot Ion:101 Resp: 42404

Ion Ratio Lower Upper

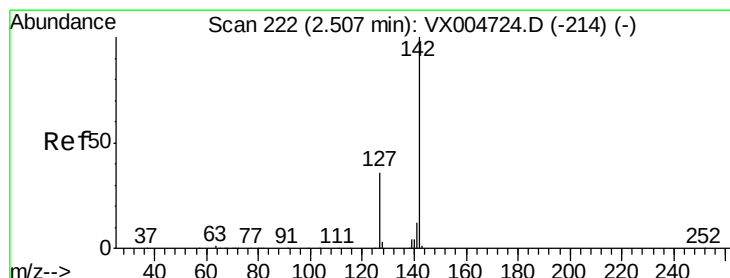
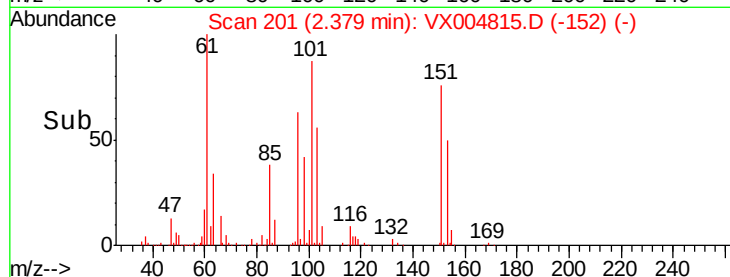
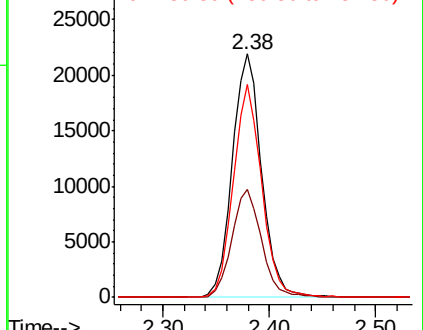
101 100

85 44.8 34.2 51.4

151 84.6 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: 10.219 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

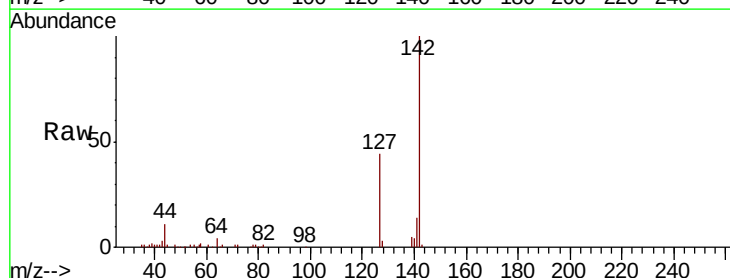
Tgt Ion:142 Resp: 30507

Ion Ratio Lower Upper

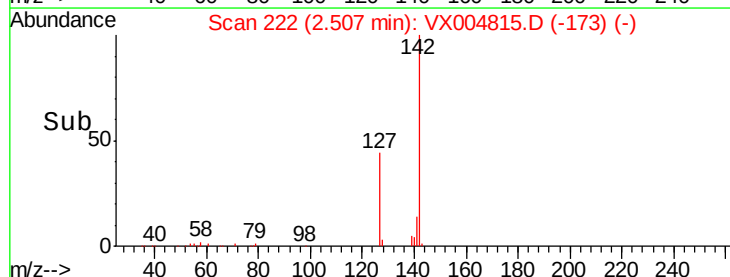
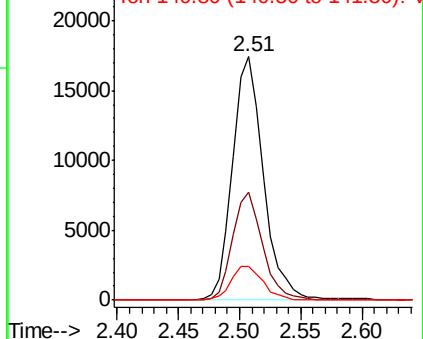
142 100

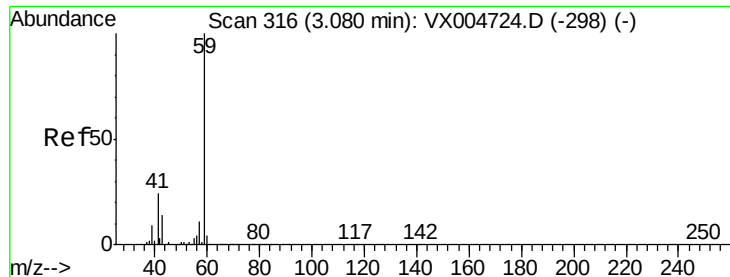
127 43.1 33.8 50.6

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



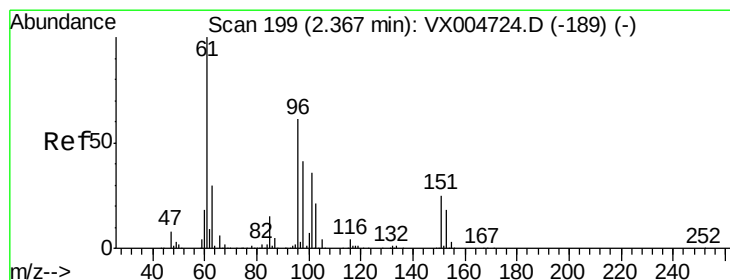
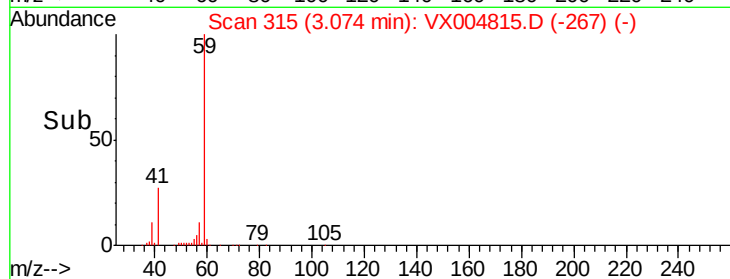
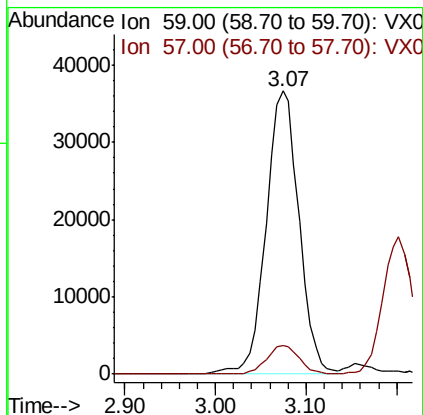
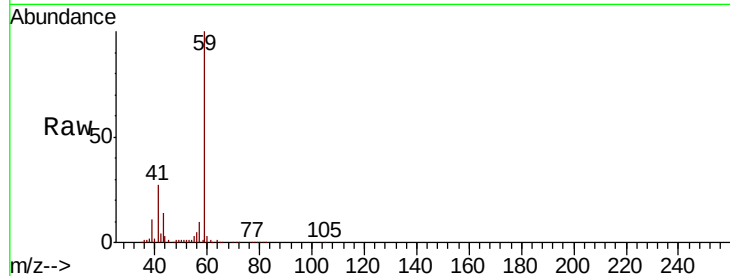


#11

Tert butyl alcohol
 Concen: 112.933 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

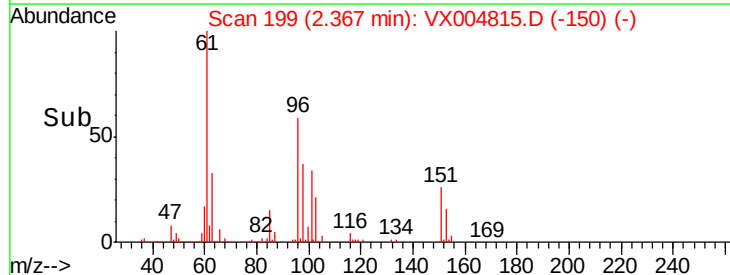
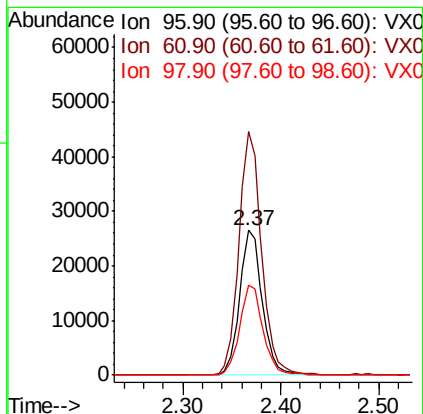
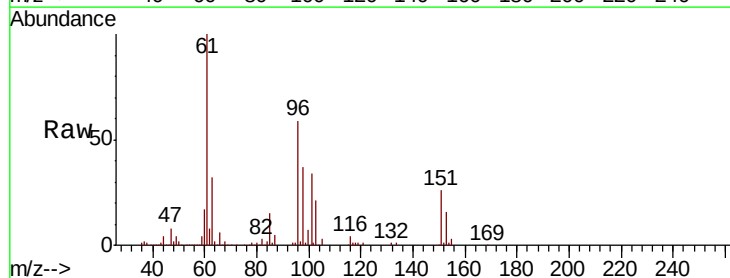
Tot Ion: 59 Resp: 91978
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

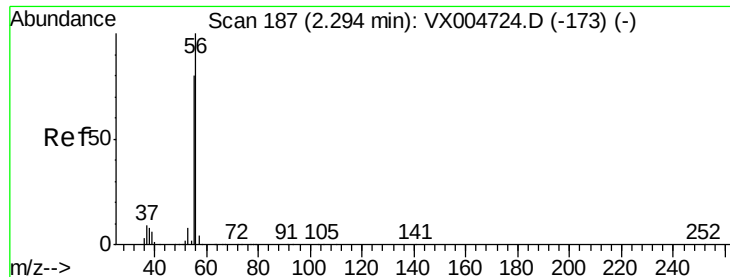


#12

1,1-Dichloroethene
 Concen: 19.345 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Tgt Ion: 96 Resp: 42742
 Ion Ratio Lower Upper
 96 100
 61 168.5 128.8 193.2
 98 62.4 52.2 78.2





#13

Acrolein

Concen: 86.286 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

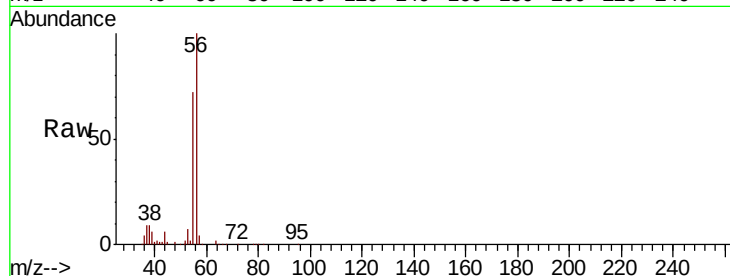
VX0928MBS01

Tot Ion: 56 Resp: 50001

Ion Ratio Lower Upper

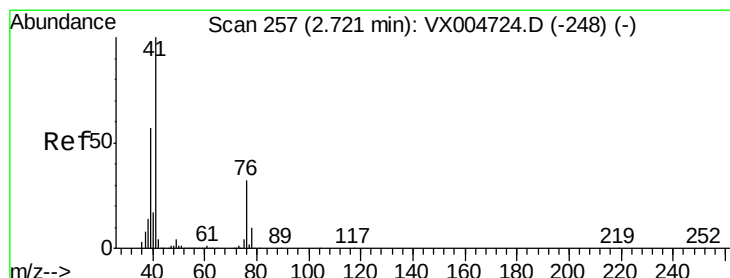
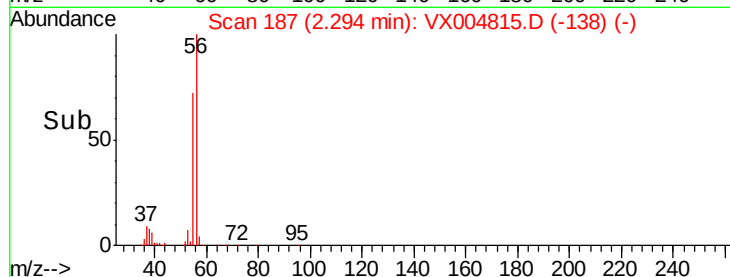
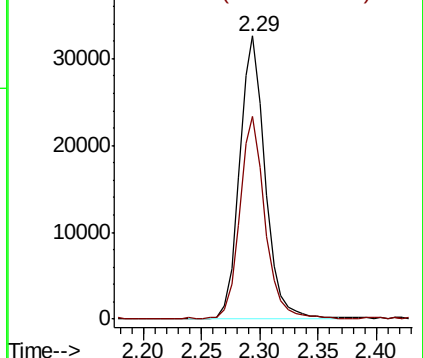
56 100

55 71.0 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.308 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

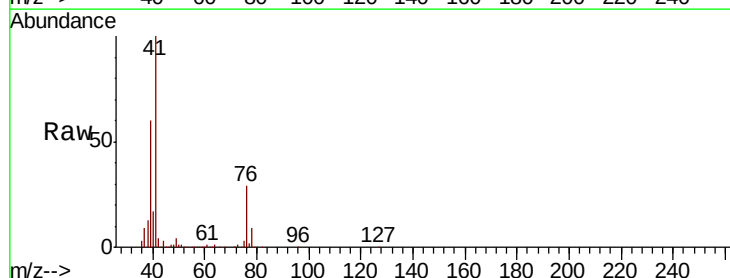
Tgt Ion: 41 Resp: 102722

Ion Ratio Lower Upper

41 100

39 59.6 48.9 73.3

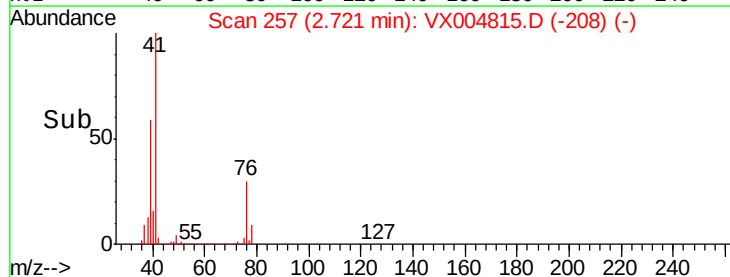
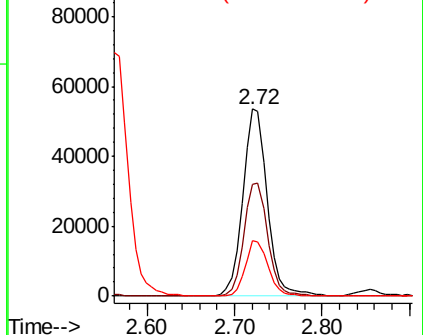
76 27.5 26.7 40.1

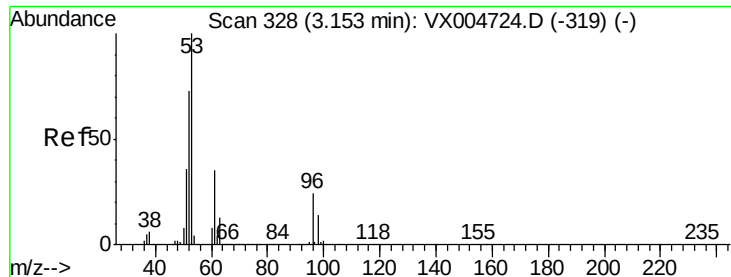


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

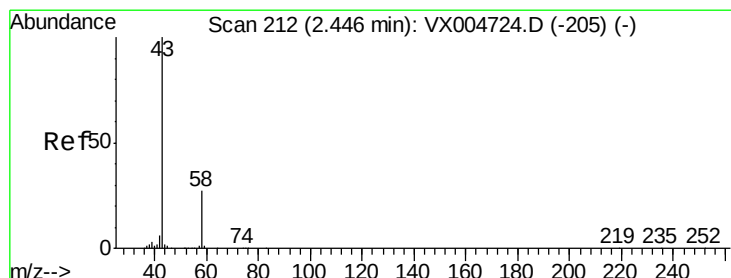
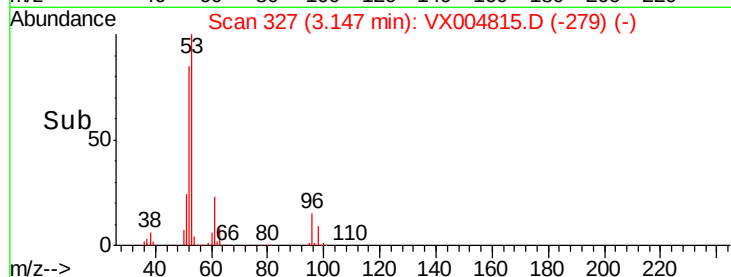
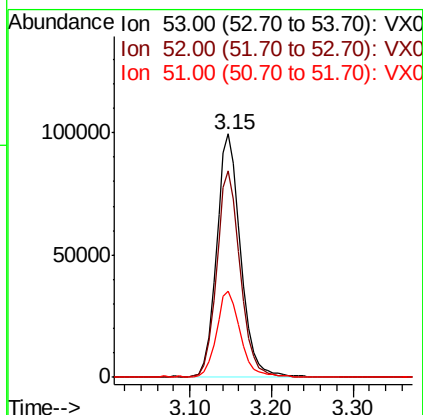
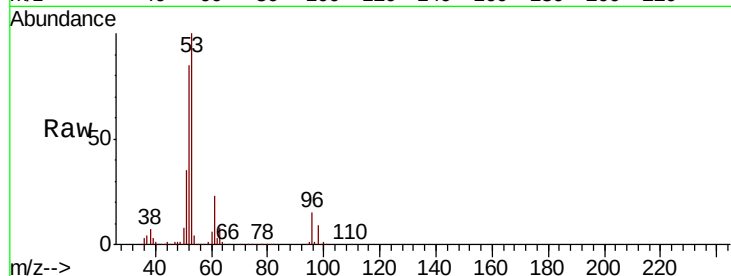




#15
 Acrylonitrile
 Concen: 112.548 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

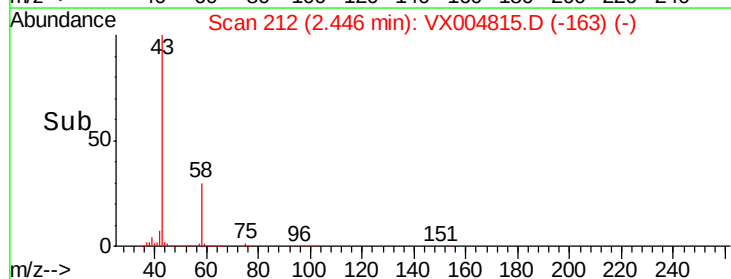
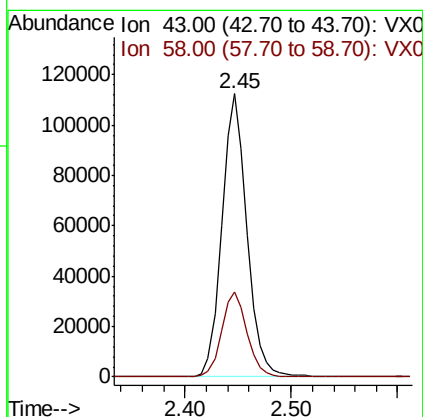
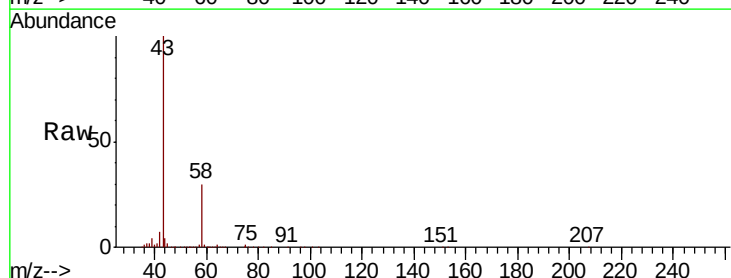
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

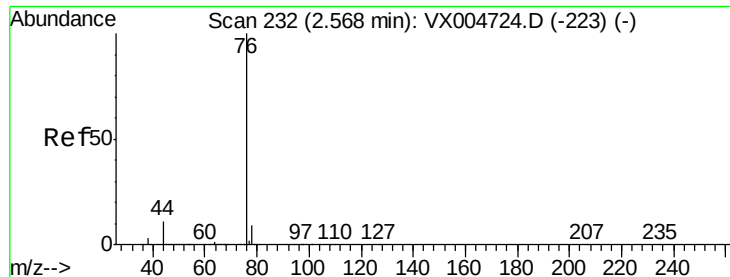
Tot Ion:	53	Resp:	201789
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.2	97.8
51	35.8	28.2	42.2



#16
 Acetone
 Concen: 107.834 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Tgt Ion:	43	Resp:	183378
Ion	Ratio	Lower	Upper
43	100		
58	30.2	26.2	39.4

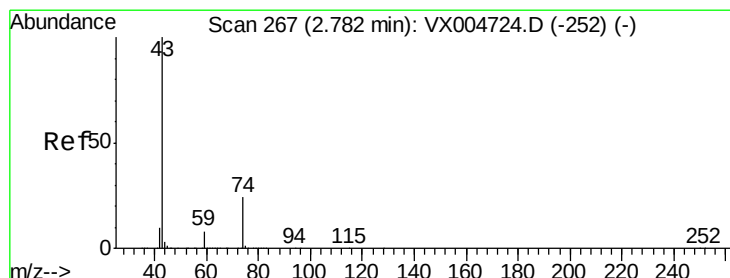
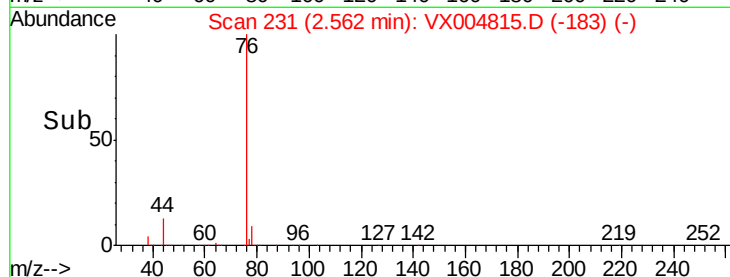
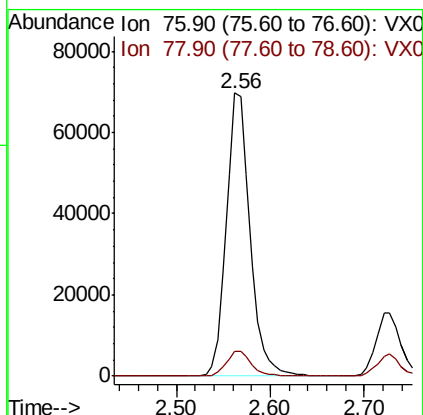
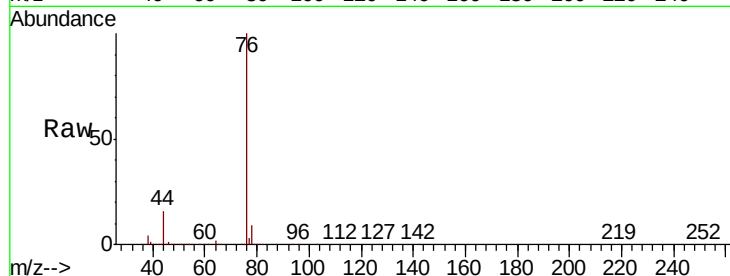




#17
Carbon Disulfide
Concen: 18.354 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

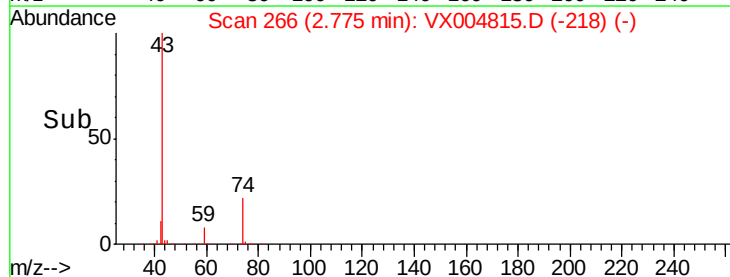
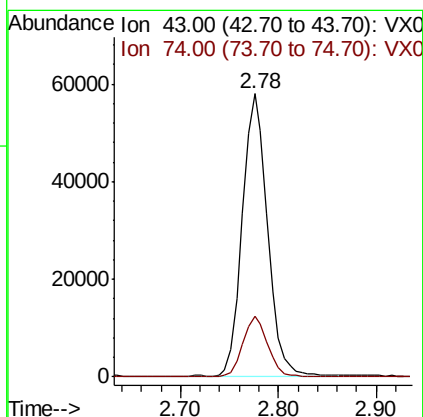
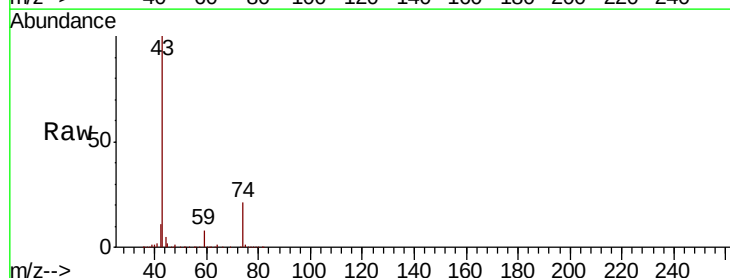
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

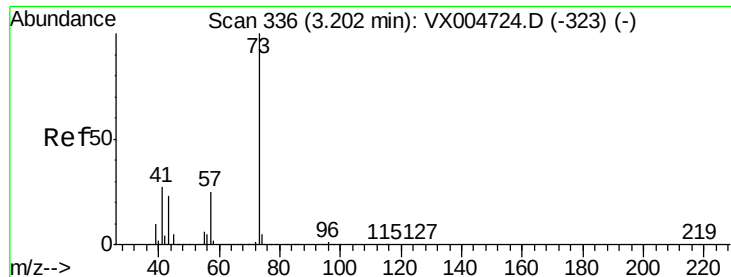
Tot Ion: 76 Resp: 121851
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 24.033 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion: 43 Resp: 103549
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2



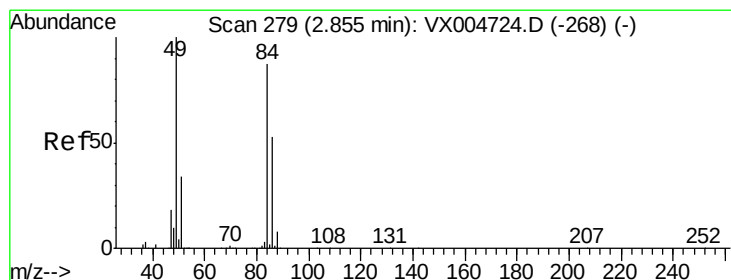
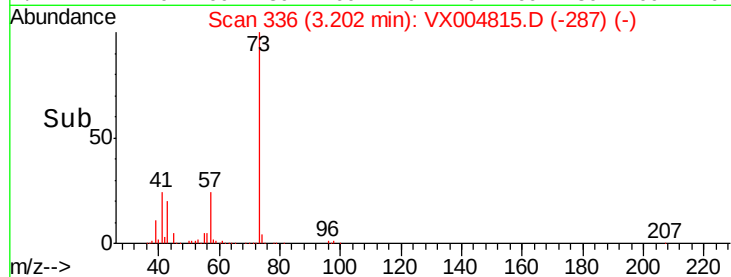
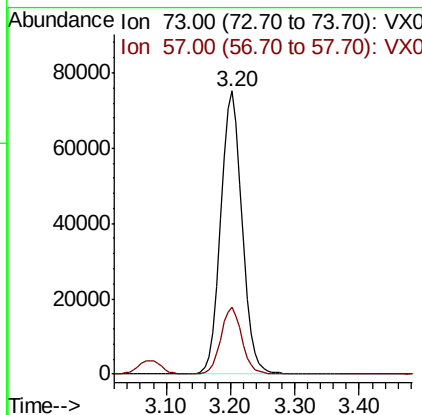
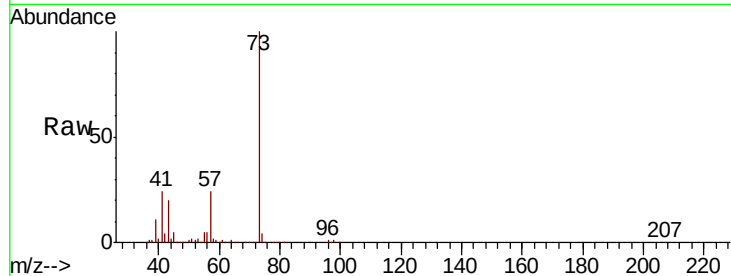


#19

Methyl tert-butyl Ether
 Concen: 23.202 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

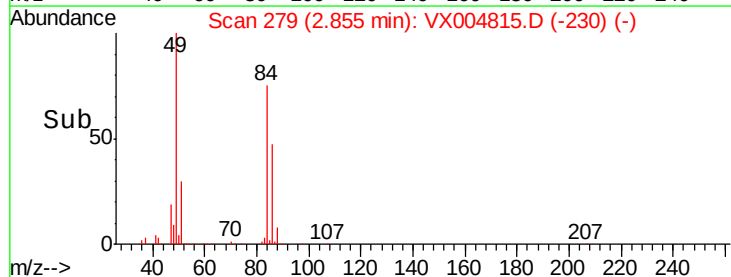
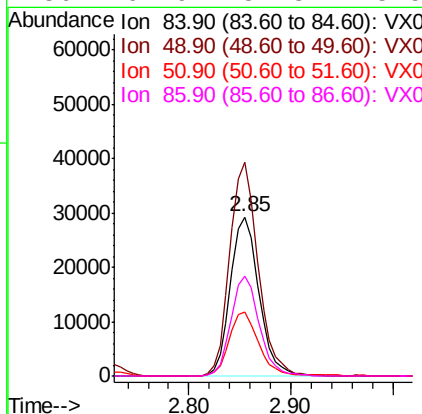
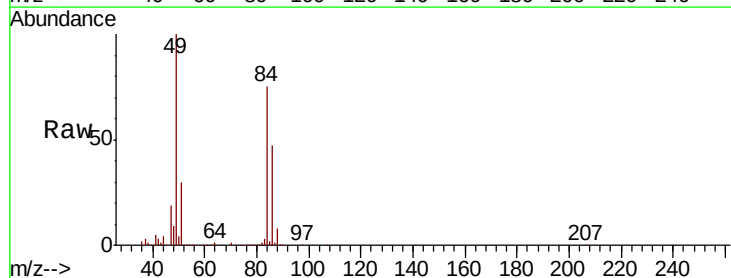
Tot Ion: 73 Resp: 176819
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.1 25.7

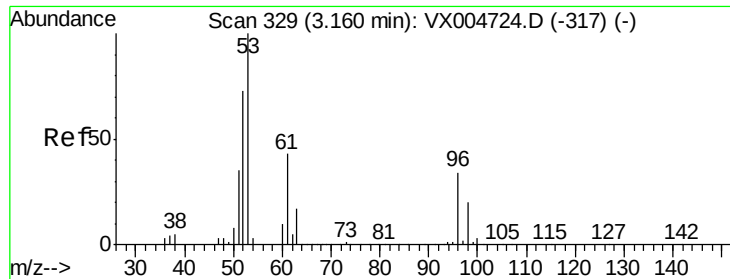


#20

Methylene Chloride
 Concen: 22.470 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Tgt Ion: 84 Resp: 56701
 Ion Ratio Lower Upper
 84 100
 49 134.0 101.2 151.8
 51 39.6 29.5 44.3
 86 62.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.675 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

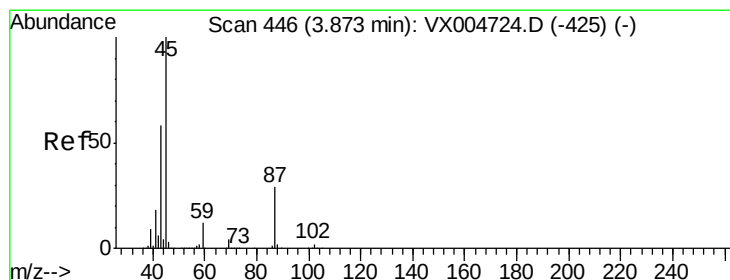
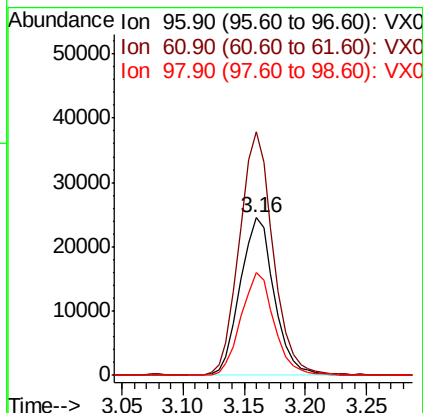
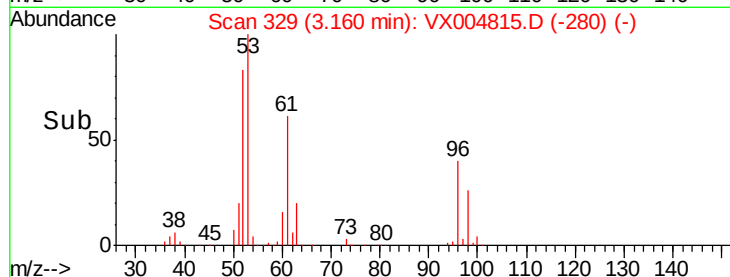
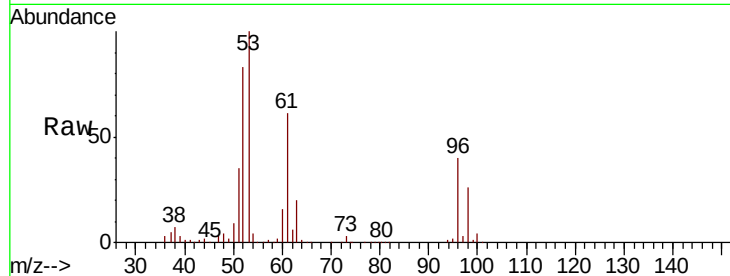
Tot Ion: 96 Resp: 47585

Ion Ratio Lower Upper

96 100

61 154.4 113.8 170.6

98 65.2 51.8 77.8



#22

Diisopropyl ether

Concen: 23.218 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Tgt Ion: 45 Resp: 188472

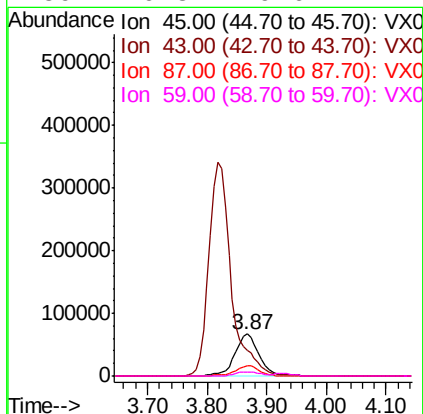
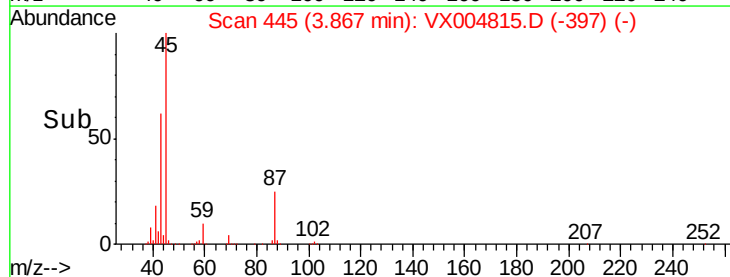
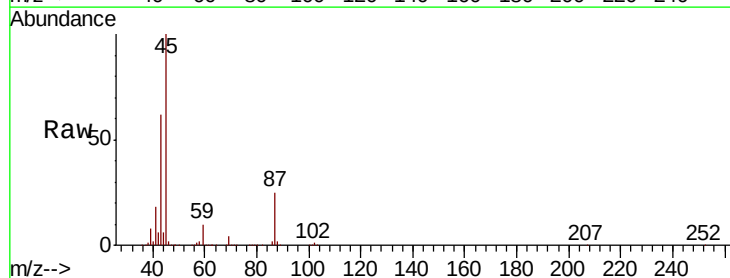
Ion Ratio Lower Upper

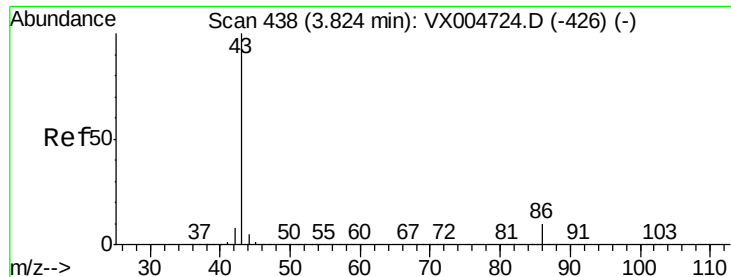
45 100

43 61.3 42.8 64.2

87 24.6 22.6 34.0

59 10.3 9.6 14.4





#23

Vinyl Acetate

Concen: 118.885 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

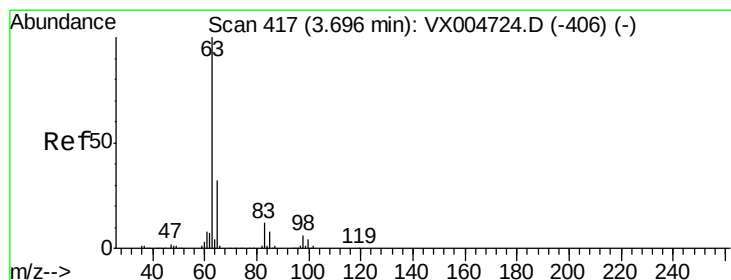
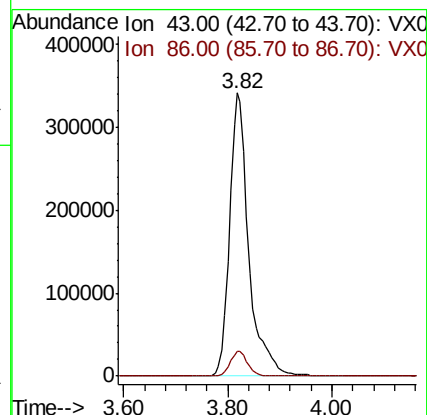
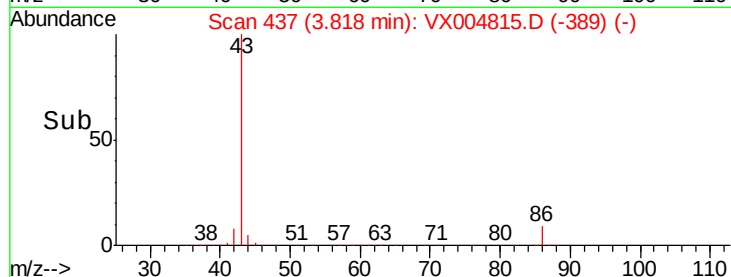
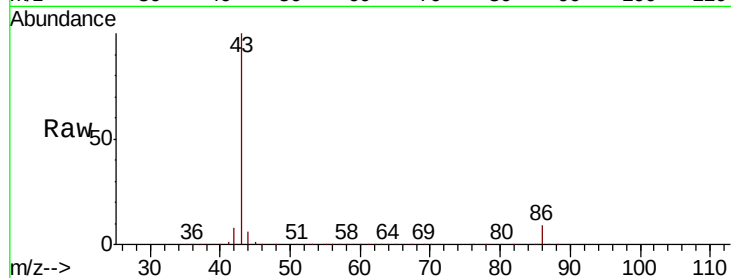
VX0928MBS01

Tot Ion: 43 Resp: 883387

Ion Ratio Lower Upper

43 100

86 8.9 8.9 13.3



#24

1,1-Dichloroethane

Concen: 20.864 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

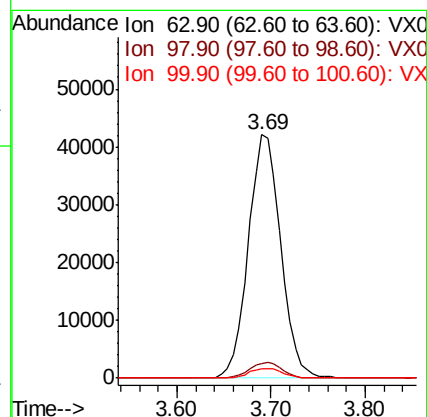
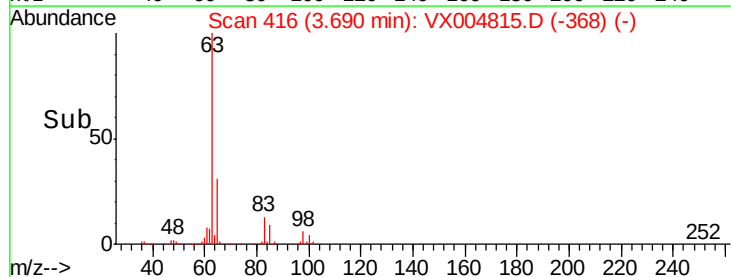
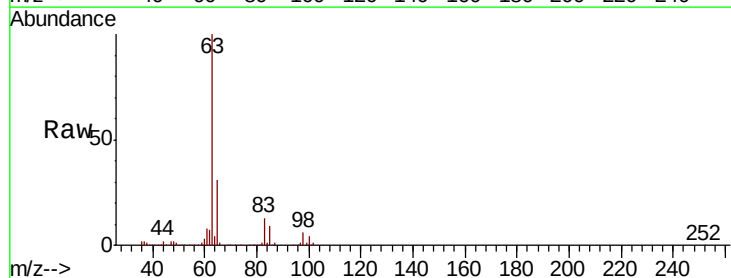
Tgt Ion: 63 Resp: 101029

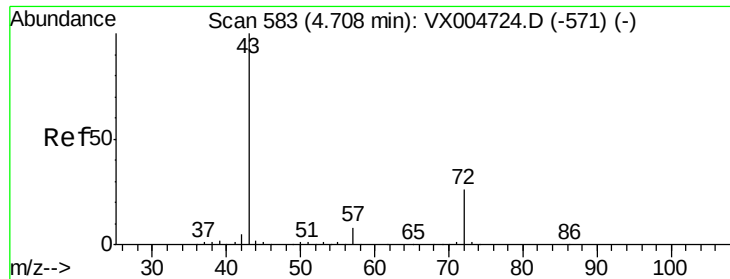
Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.4

100 3.7 2.4 7.1





#25

2-Butanone

Concen: 106.980 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampled :

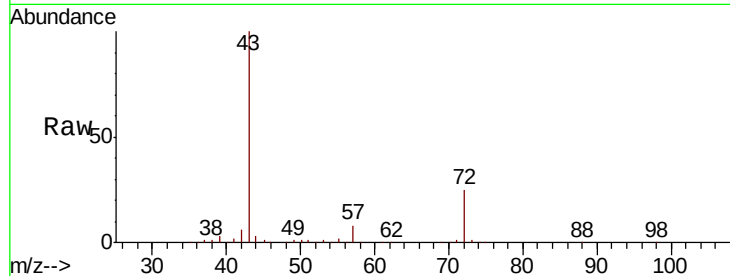
VX0928MBS01

Tot Ion: 43 Resp: 268164

Ion Ratio Lower Upper

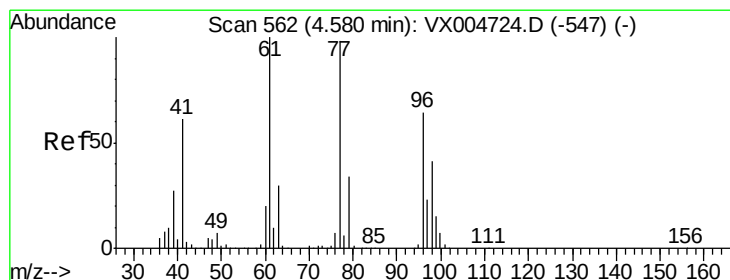
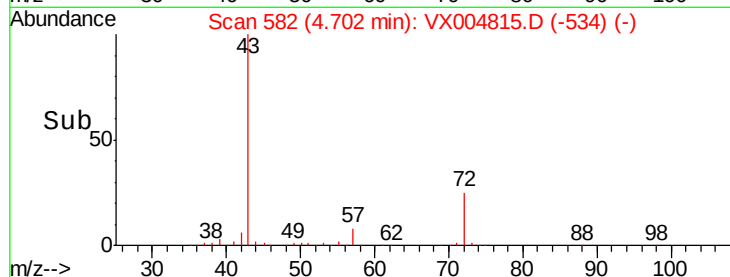
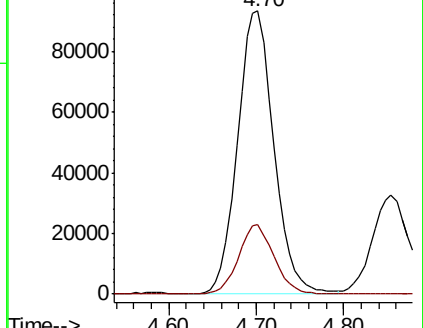
43 100

72 24.6 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: 19.688 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004815.D

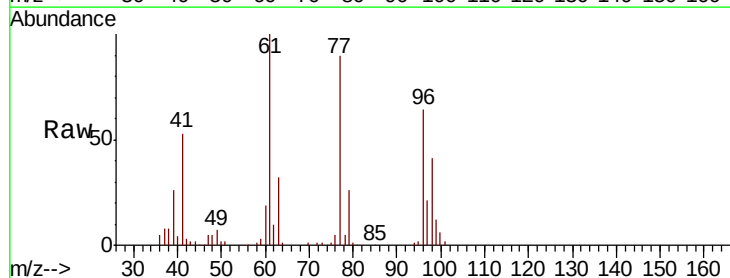
Acq: 28 Sep 2018 12:33

Tgt Ion: 77 Resp: 66387

Ion Ratio Lower Upper

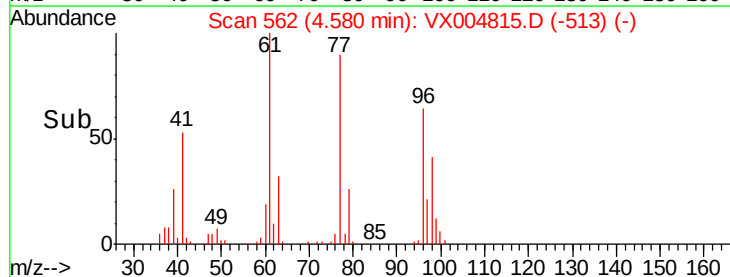
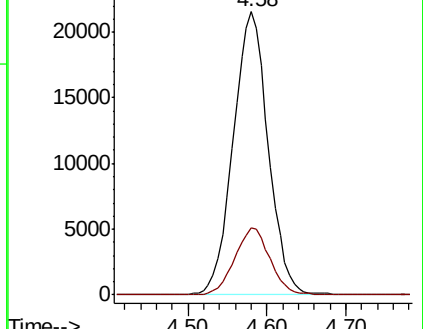
77 100

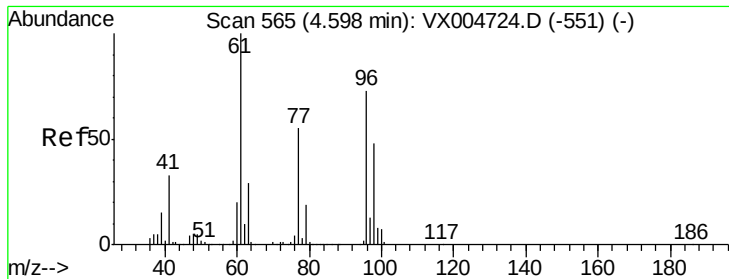
97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



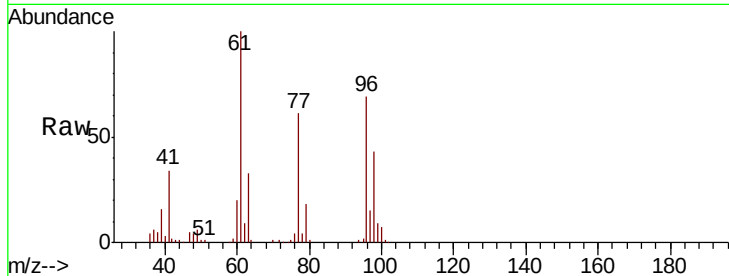


#27

cis-1,2-Dichloroethene
Concen: 19.964 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

Tot Ion	96	Resp	53941
Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	282.6
98	65.3	0.0	130.2

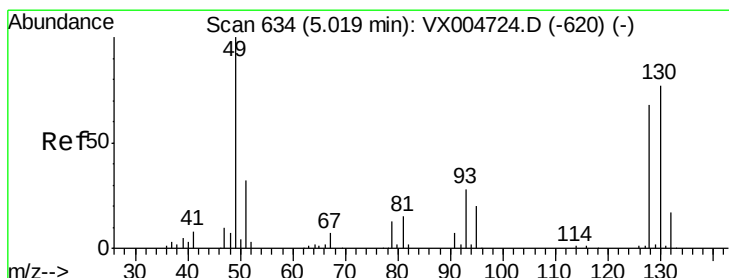
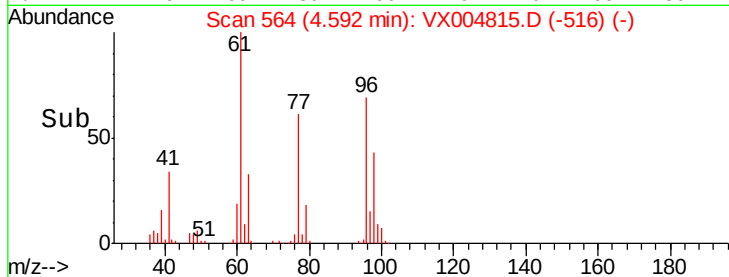
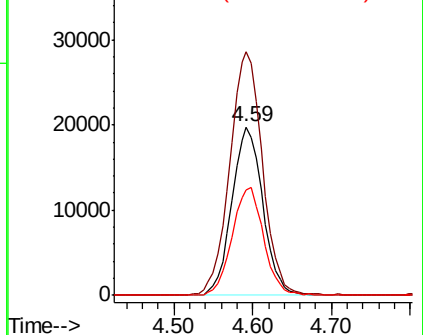


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

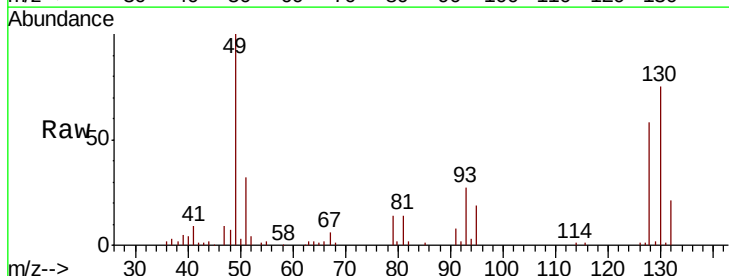
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 20.750 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion	49	Resp	47317
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	73.2	67.5	101.3

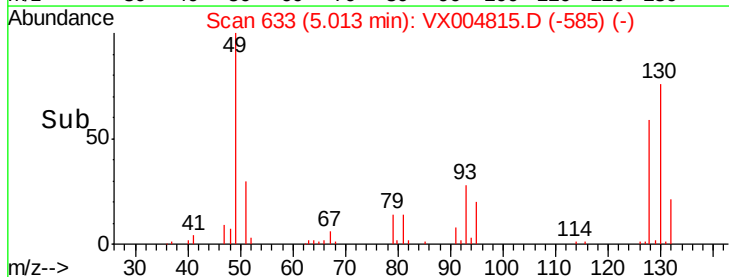
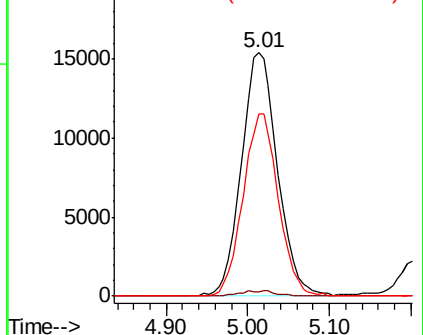


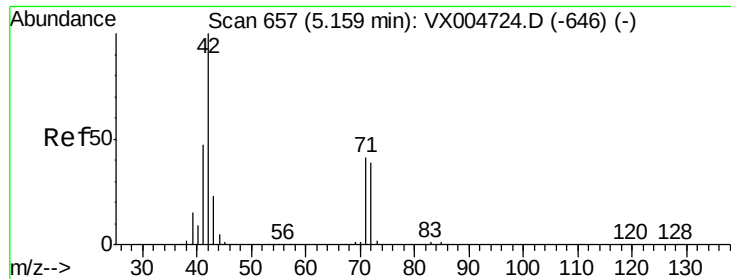
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 112.600 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

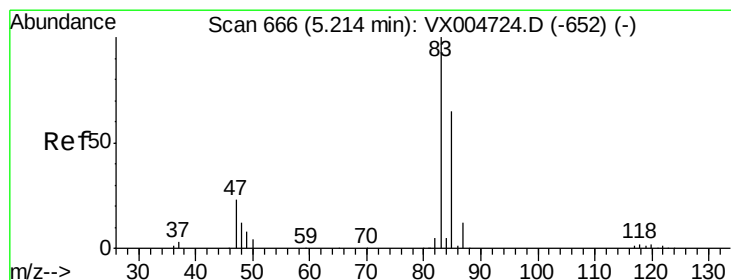
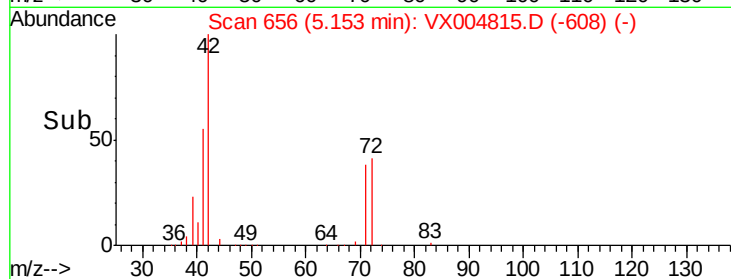
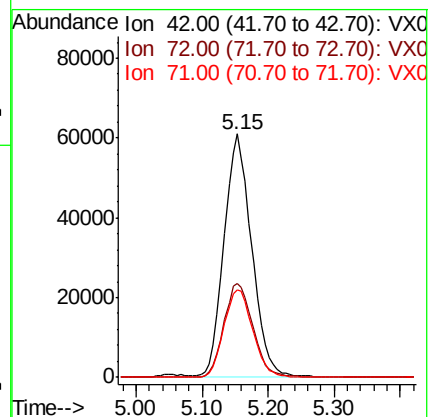
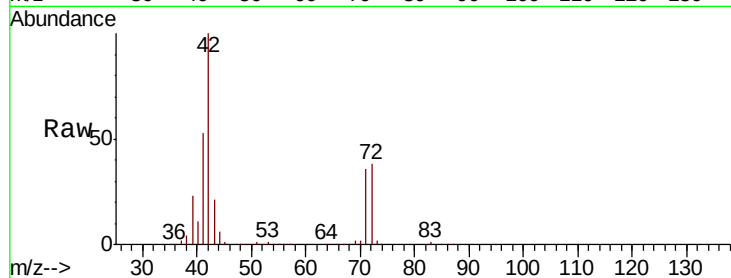
Tot Ion: 42 Resp: 175430

Ion Ratio Lower Upper

42 100

72 40.7 37.4 56.0

71 37.8 34.5 51.7



#30

Chloroform

Concen: 20.370 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004815.D

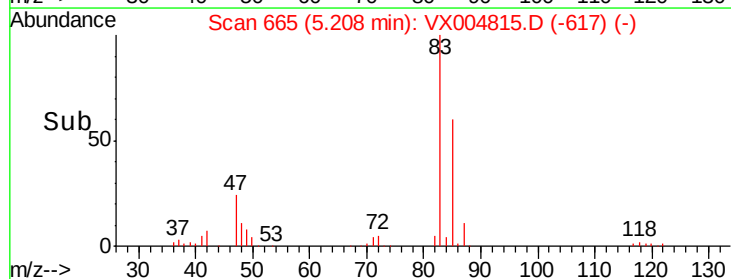
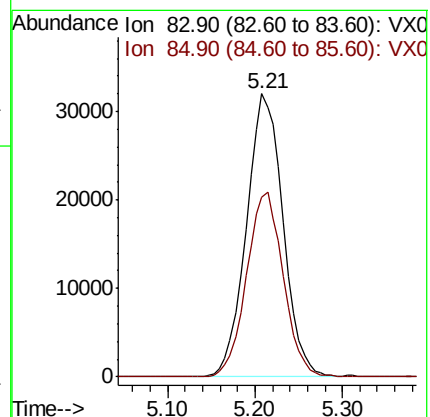
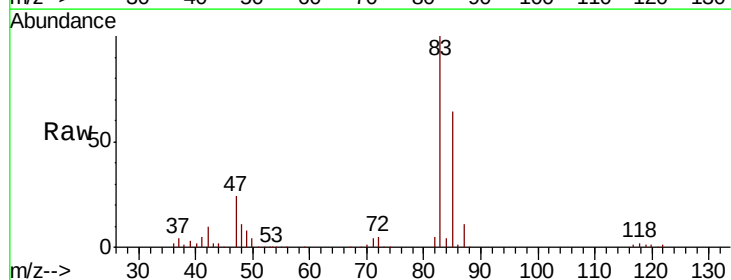
Acq: 28 Sep 2018 12:33

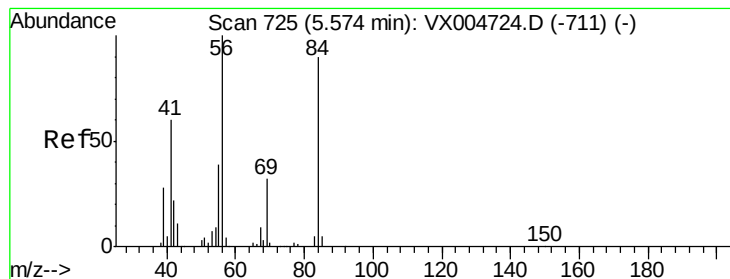
Tgt Ion: 83 Resp: 93220

Ion Ratio Lower Upper

83 100

85 63.6 52.6 79.0





#31

Cyclohexane

Concen: 19.296 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

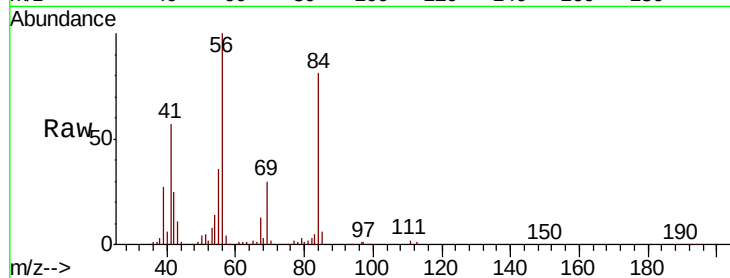
Tot Ion: 56 Resp: 71515

Ion Ratio Lower Upper

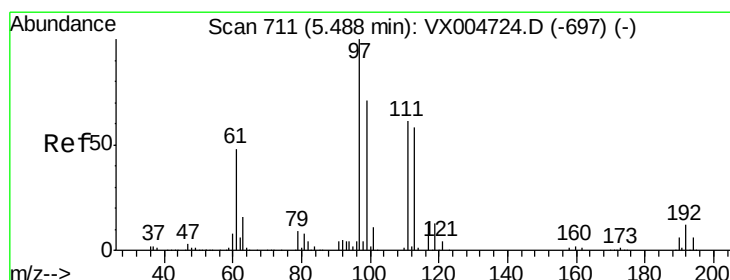
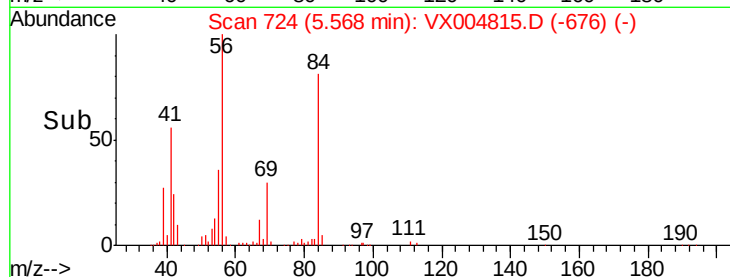
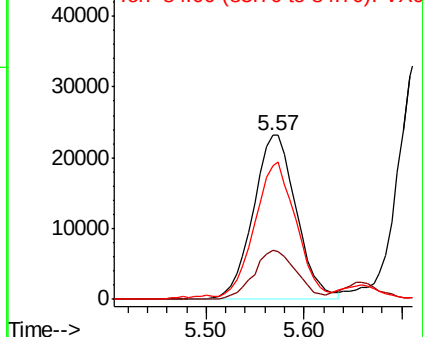
56 100

69 29.5 25.4 38.2

84 80.0 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: 19.538 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

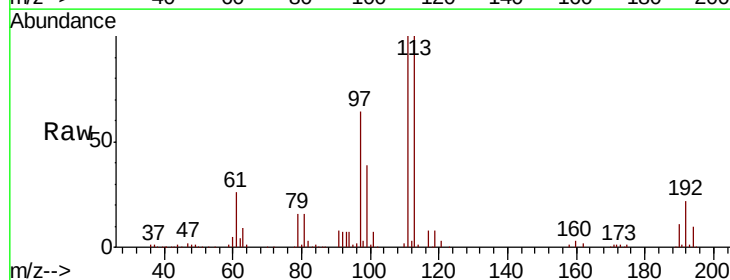
Tgt Ion: 97 Resp: 73022

Ion Ratio Lower Upper

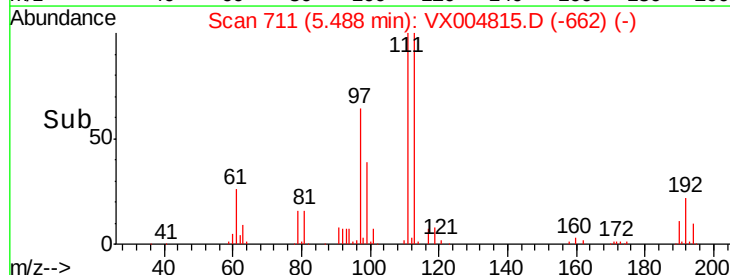
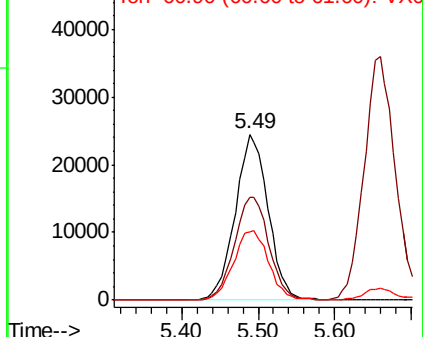
97 100

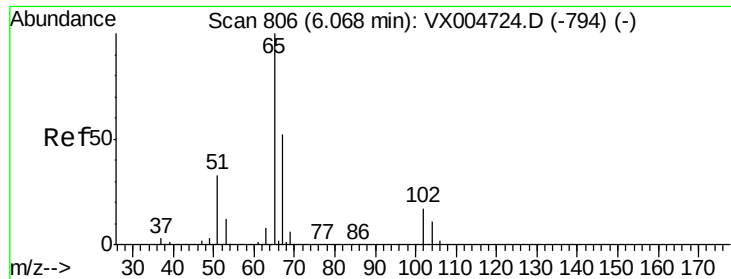
99 65.1 52.0 78.0

61 44.7 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: 55.443 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

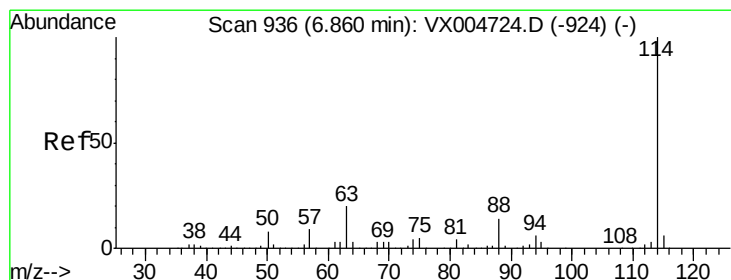
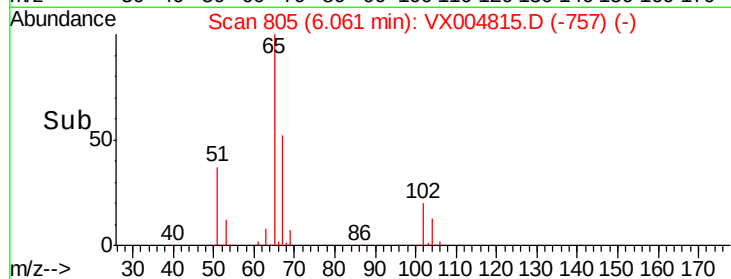
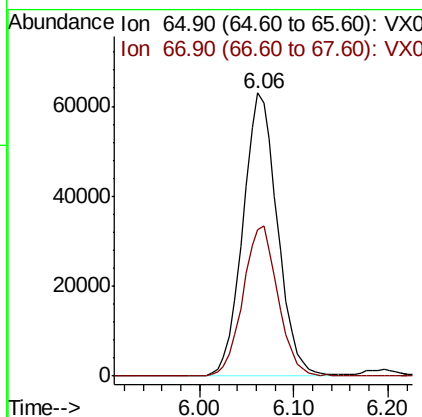
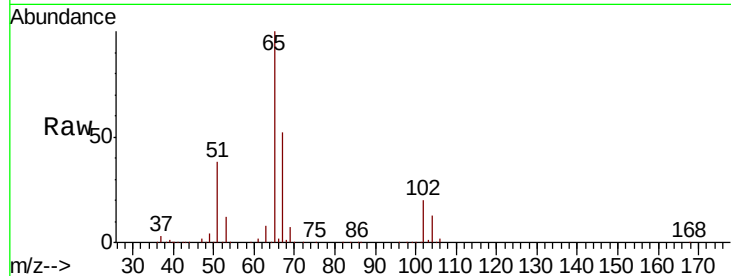
Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

Tot Ion: 65 Resp: 161496

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

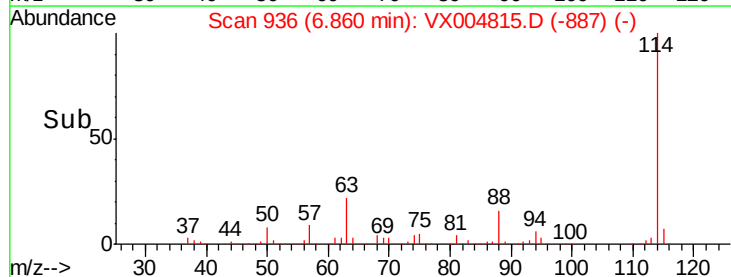
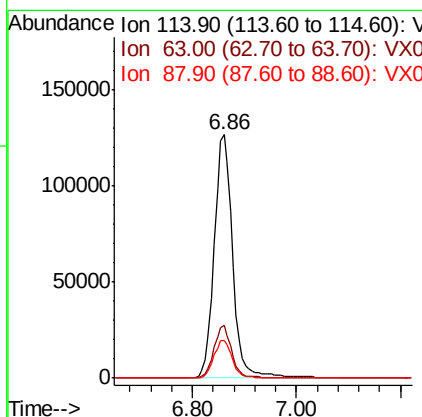
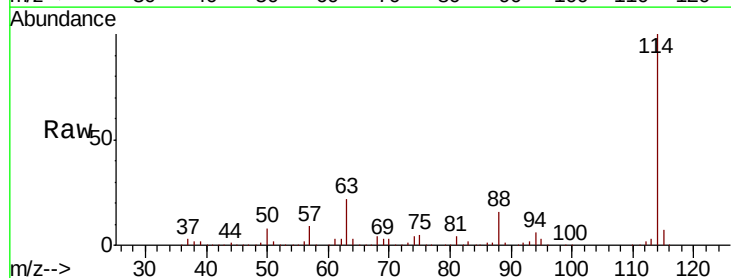
Delta R.T. -0.00 min

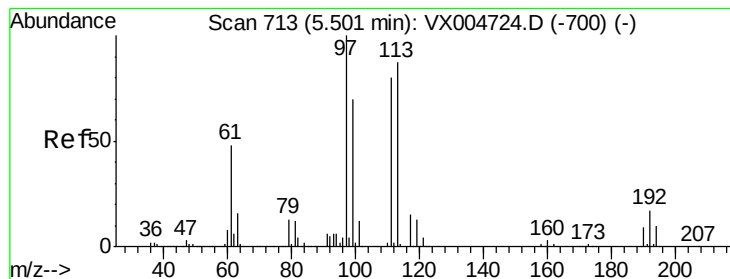
Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Tgt Ion: 114 Resp: 312615

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	39.0
88	15.5	0.0	30.4





#35

Dibromofluoromethane

Concen: 47.414 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

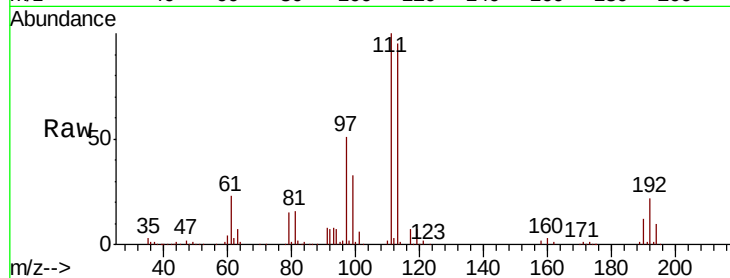
Tot Ion:113 Resp: 125622

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

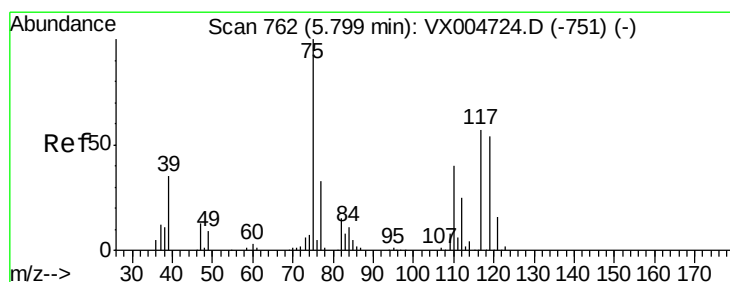
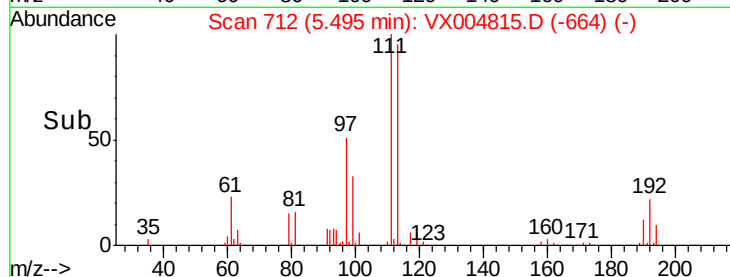
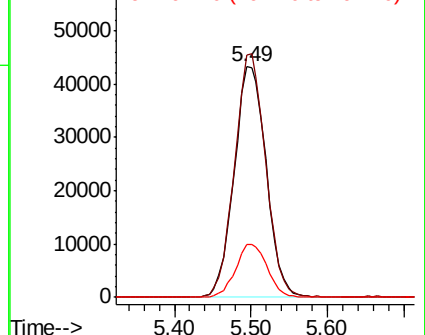
192 22.7 19.4 29.2



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: 17.257 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

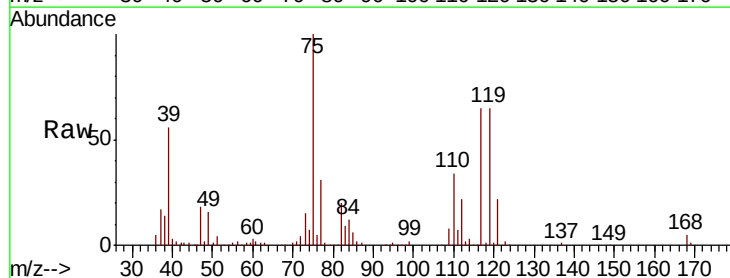
Tgt Ion: 75 Resp: 62382

Ion Ratio Lower Upper

75 100

110 35.8 18.0 54.0

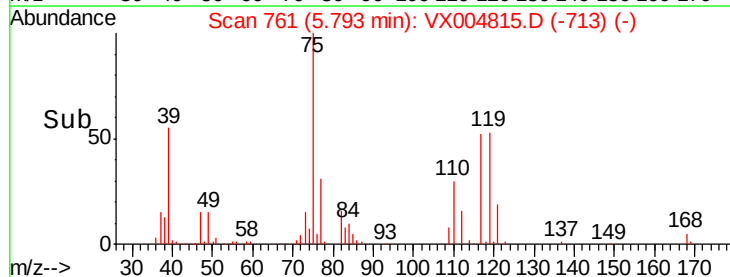
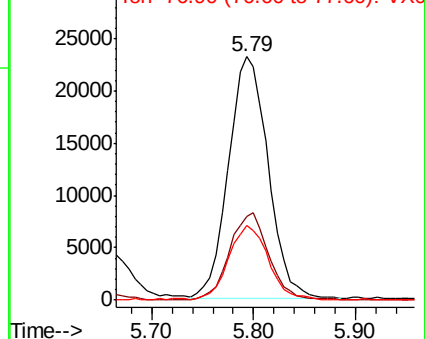
77 31.1 24.6 36.8

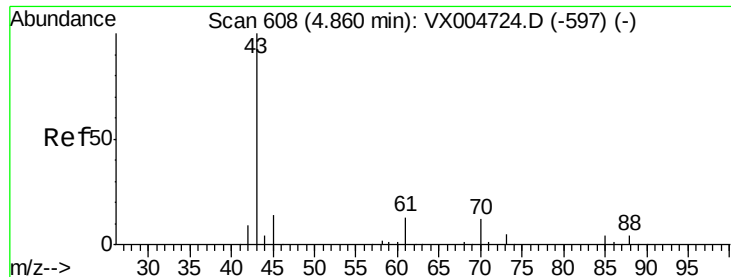


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.880 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

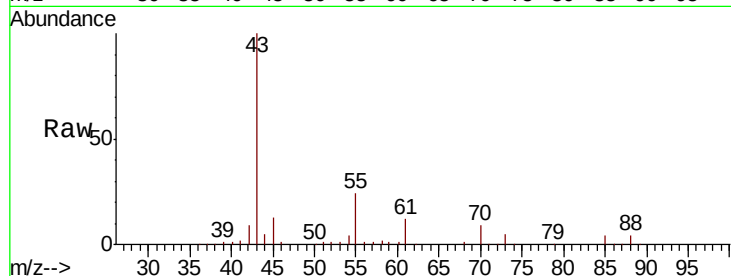
Tot Ion: 43 Resp: 95392

Ion Ratio Lower Upper

43 100

61 13.7 11.5 17.3

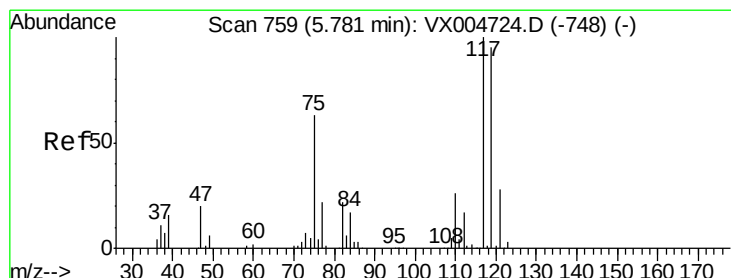
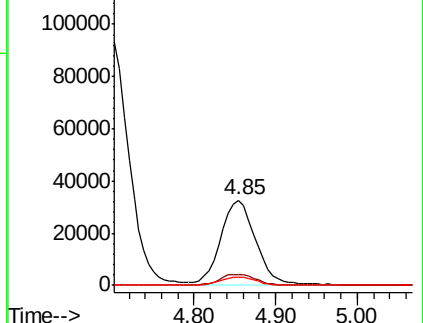
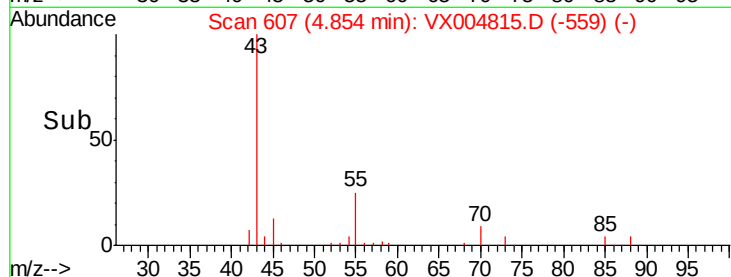
70 10.2 9.0 13.6



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: 16.360 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

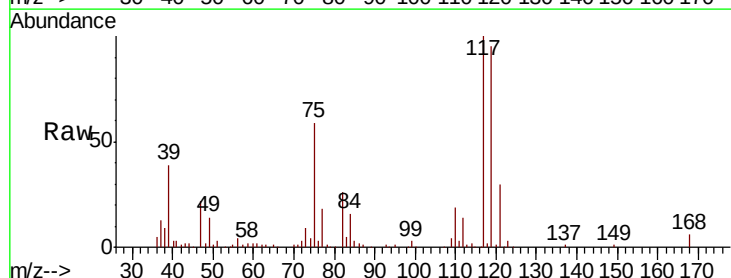
Tgt Ion: 117 Resp: 62166

Ion Ratio Lower Upper

117 100

119 94.8 78.8 118.2

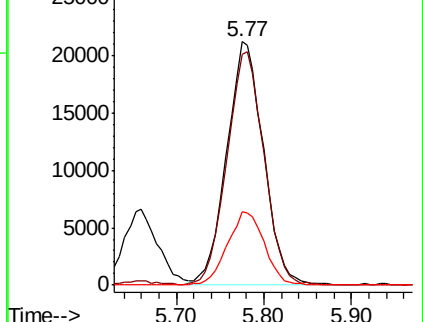
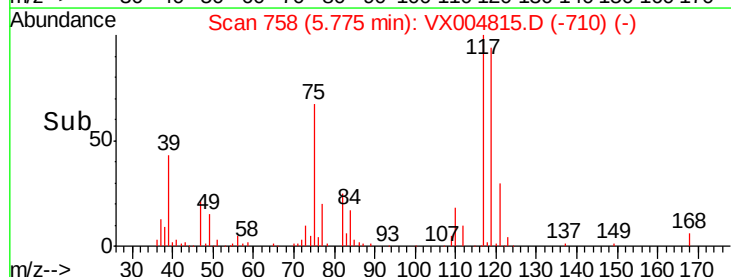
121 30.1 24.9 37.3

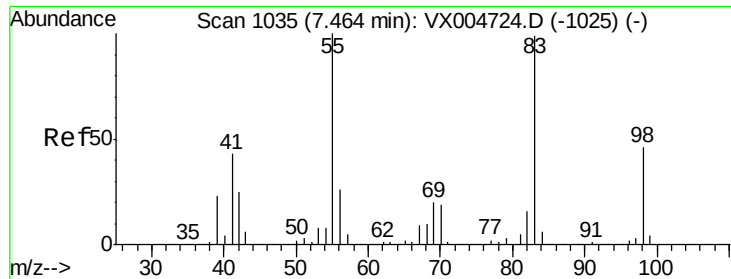


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

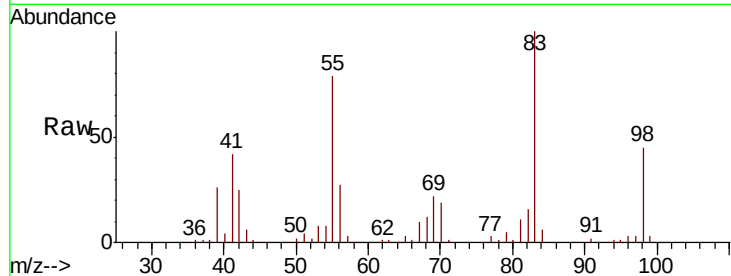




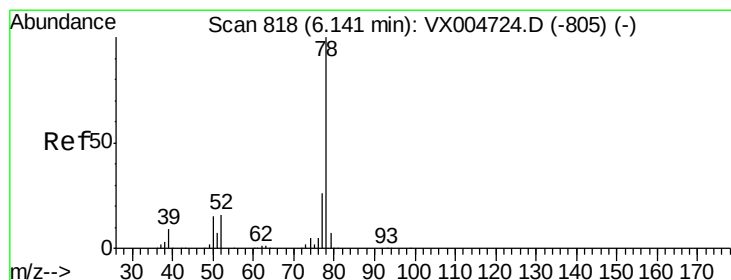
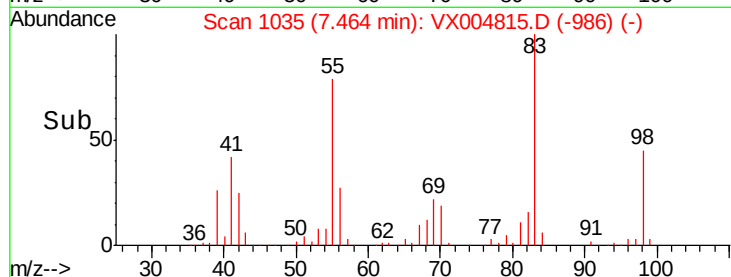
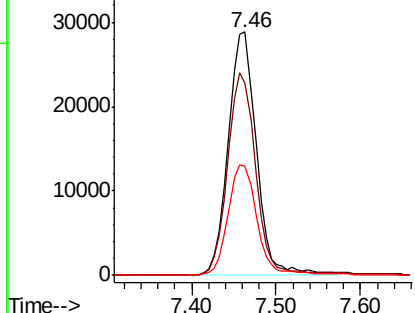
#39
Methylvlcyclohexane
Concen: 17.722 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

Tot Ion: 83 Resp: 65413
Ion Ratio Lower Upper
83 100
55 78.8 61.0 91.4
98 44.8 39.6 59.4

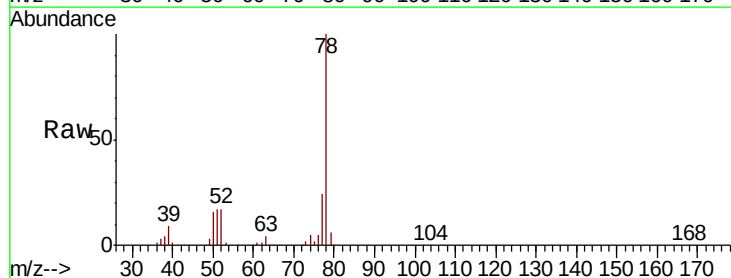


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

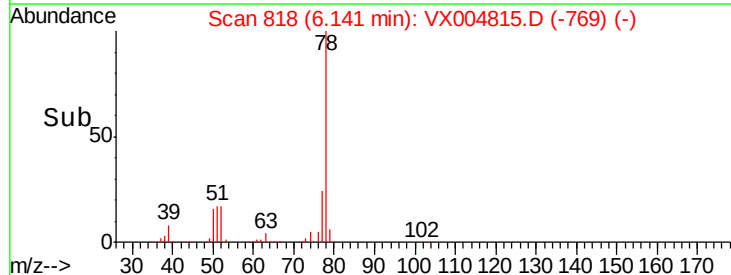
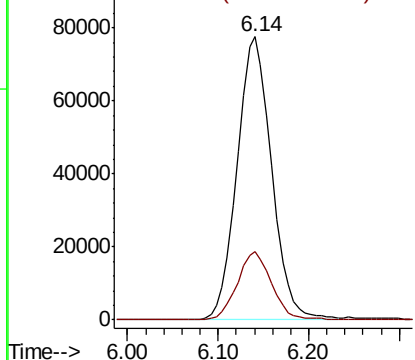


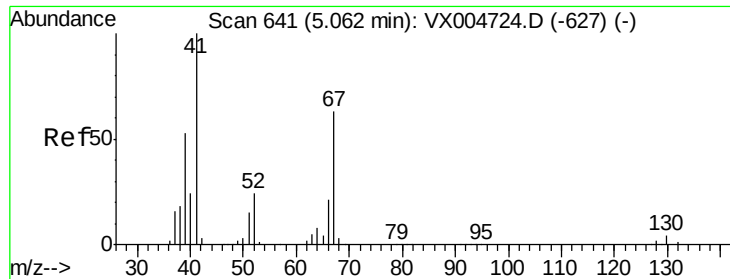
#40
Benzene
Concen: 18.122 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion: 78 Resp: 205085
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

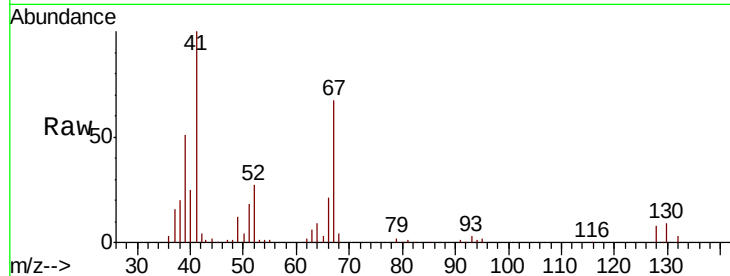




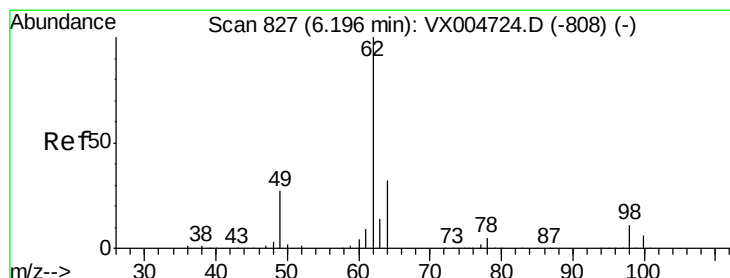
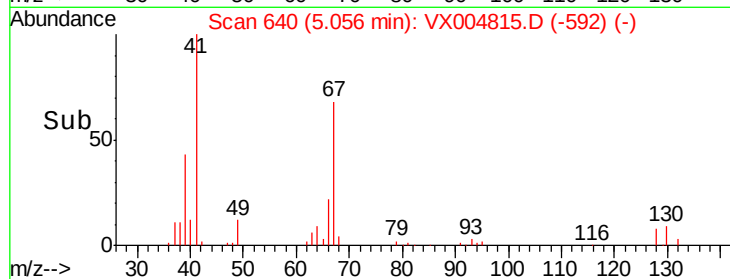
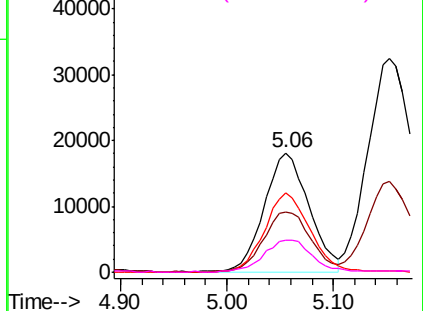
#41
Methacrylonitrile
Concen: 19.803 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Instrument :
MSVOA_X
ClientSampled :
VX0928MBS01

Tot Ion:	41	Resp:	52698
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.4	63.6
67	68.0	59.2	88.8
52	29.5	23.0	34.4

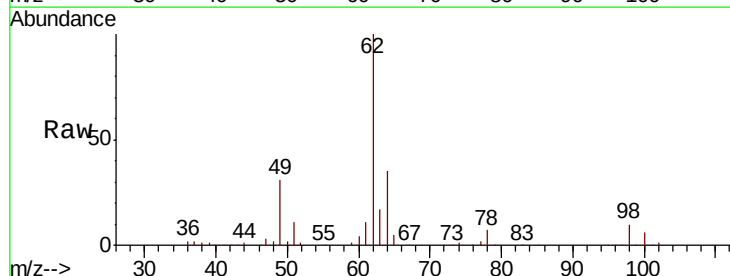


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

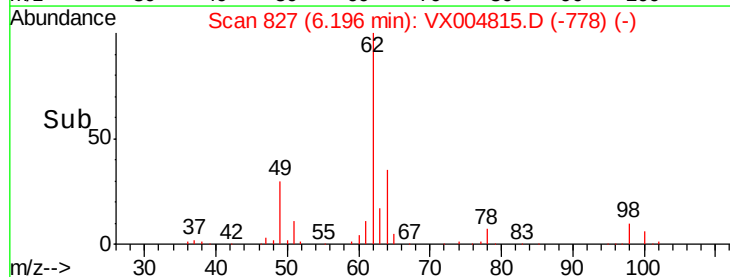
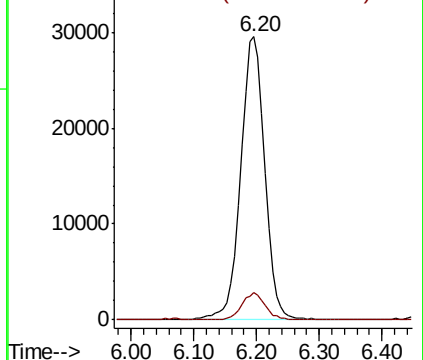


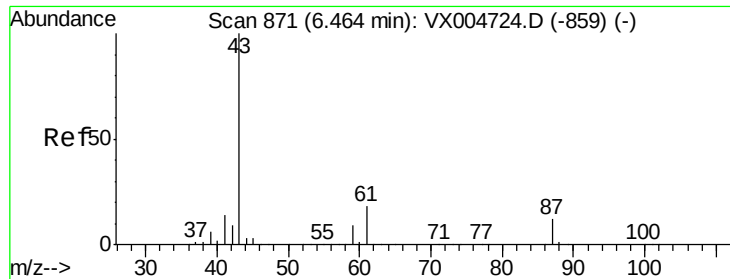
#42
1,2-Dichloroethane
Concen: 19.626 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion:	62	Resp:	78515
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 19.922 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

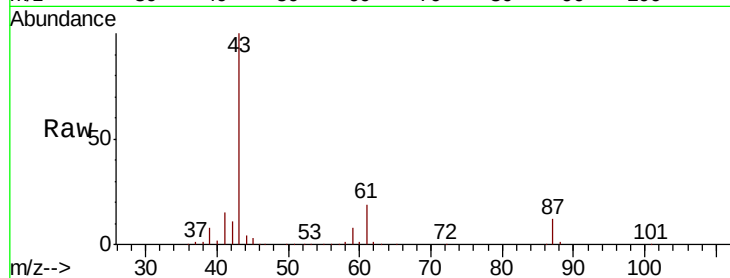
Tot Ion: 43 Resp: 137973

Ion Ratio Lower Upper

43 100

61 19.3 17.0 25.4

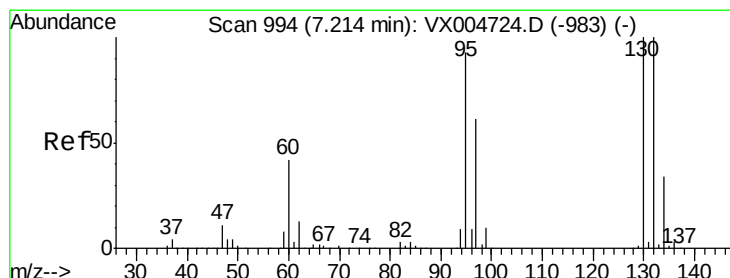
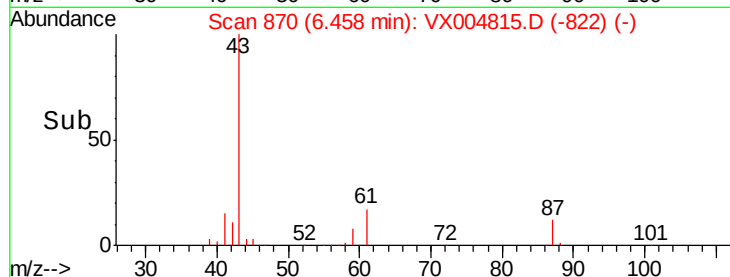
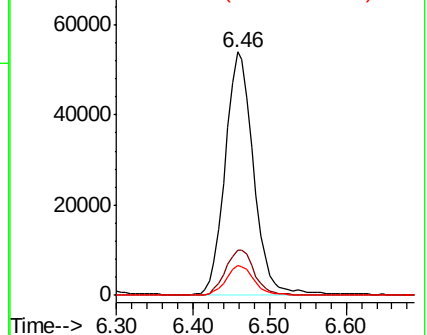
87 12.3 11.4 17.2



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: 19.128 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004815.D

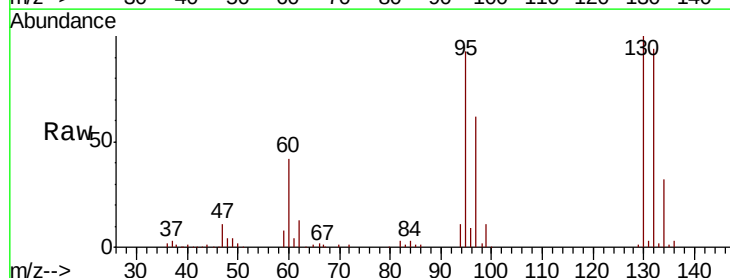
Acq: 28 Sep 2018 12:33

Tgt Ion:130 Resp: 53214

Ion Ratio Lower Upper

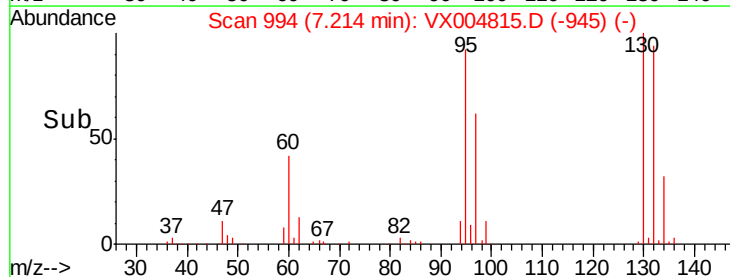
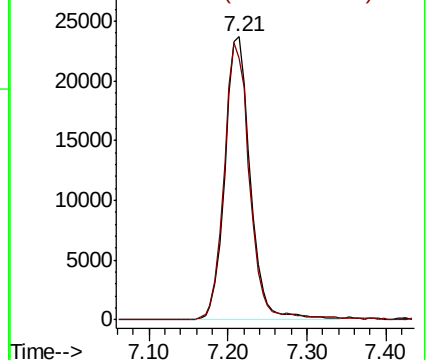
130 100

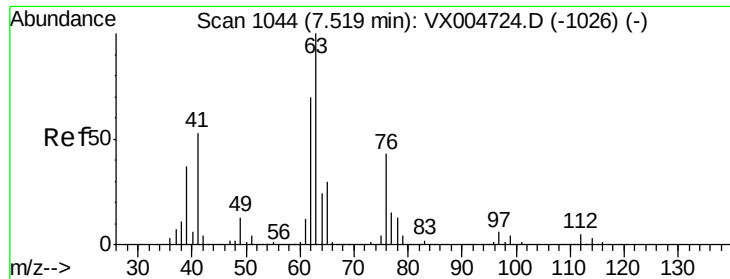
95 92.5 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.156 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

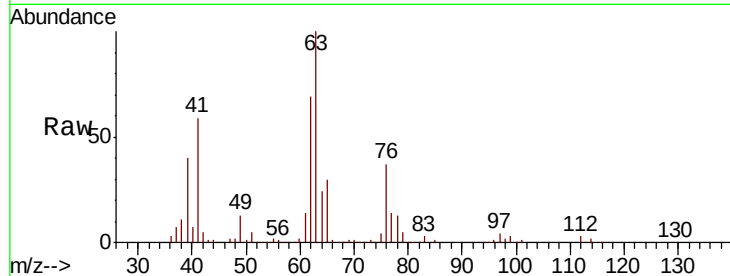
VX0928MBS01

Tot Ion: 63 Resp: 58714

Ion Ratio Lower Upper

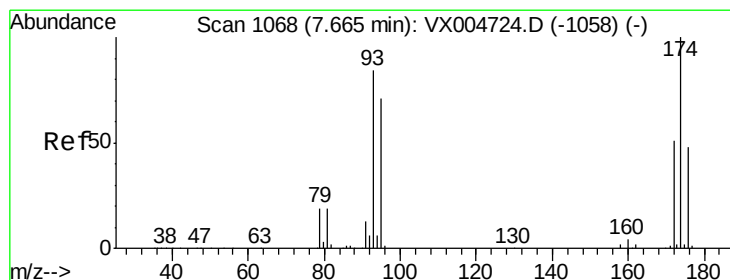
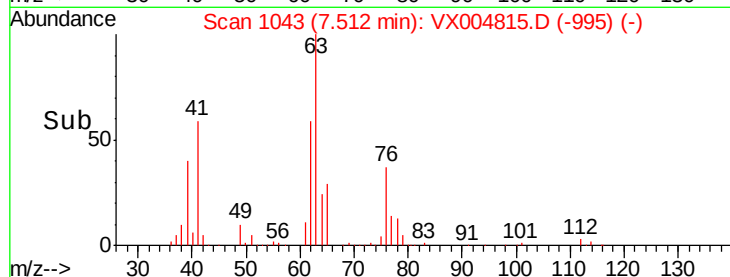
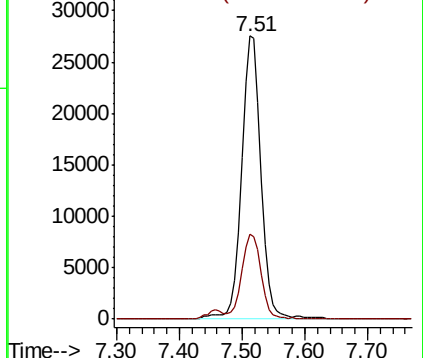
63 100

65 30.0 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: 21.422 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

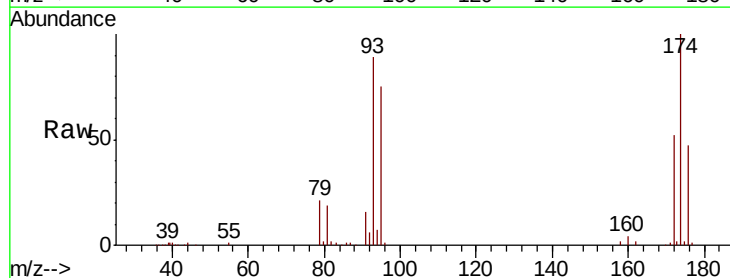
Tgt Ion: 93 Resp: 37364

Ion Ratio Lower Upper

93 100

95 83.9 65.5 98.3

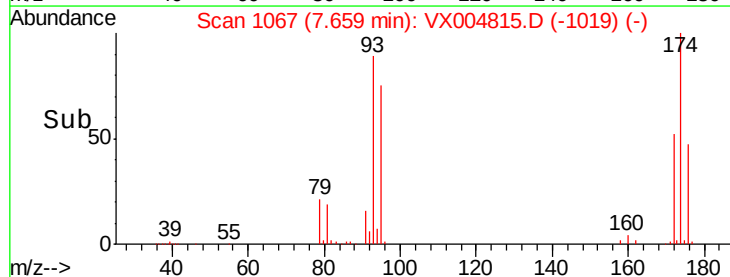
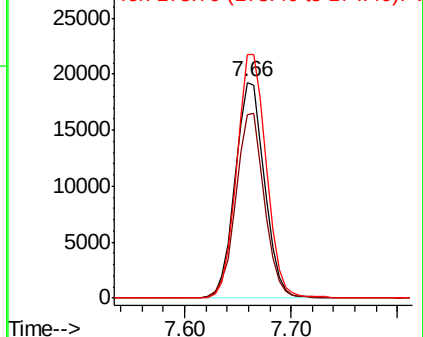
174 113.6 94.2 141.4

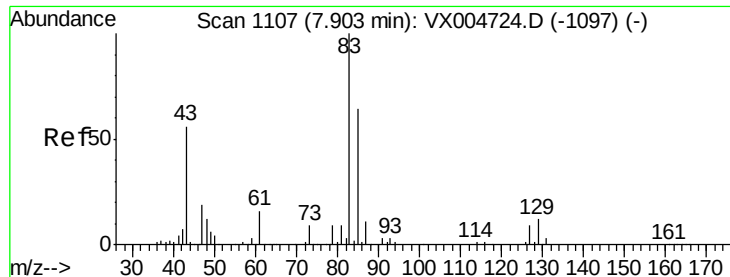


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.310 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

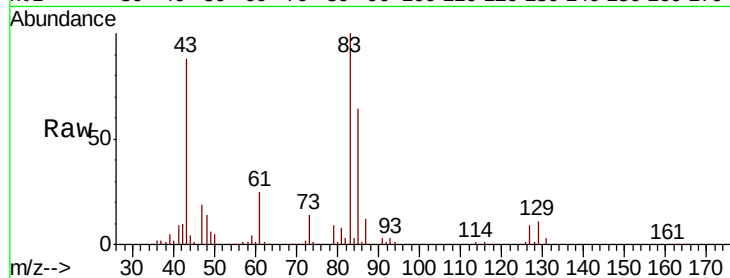
Tot Ion: 83 Resp: 69589

Ion Ratio Lower Upper

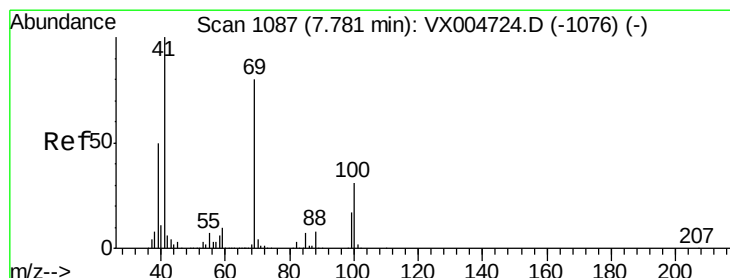
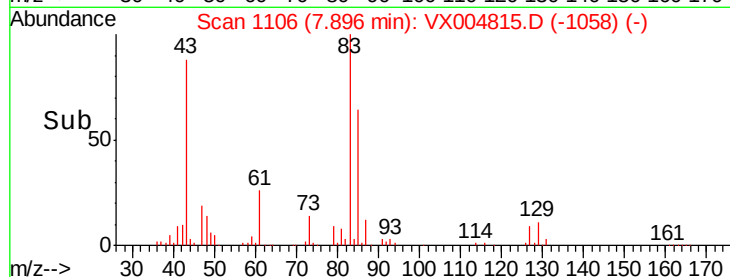
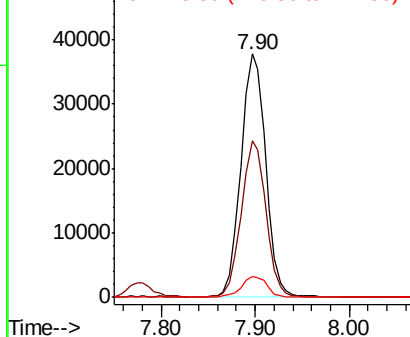
83 100

85 64.1 50.9 76.3

127 8.8 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: 22.768 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

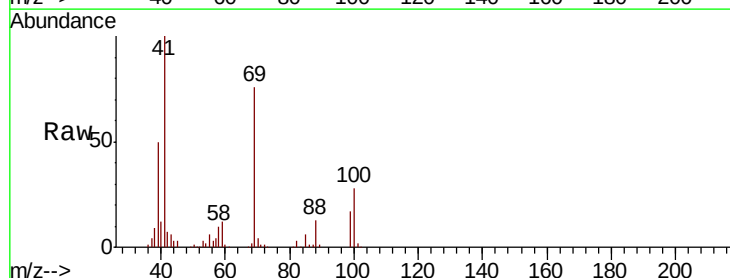
Tgt Ion: 41 Resp: 71572

Ion Ratio Lower Upper

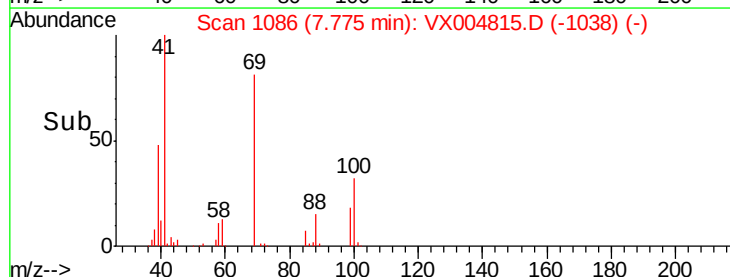
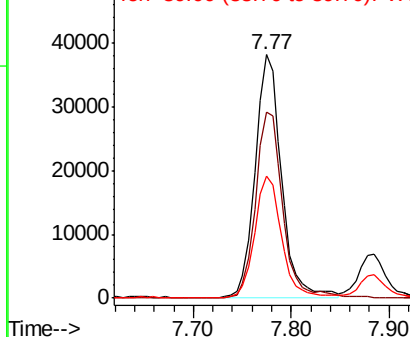
41 100

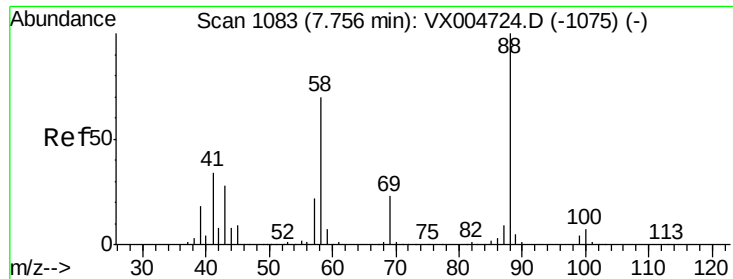
69 79.7 70.2 105.4

39 51.2 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

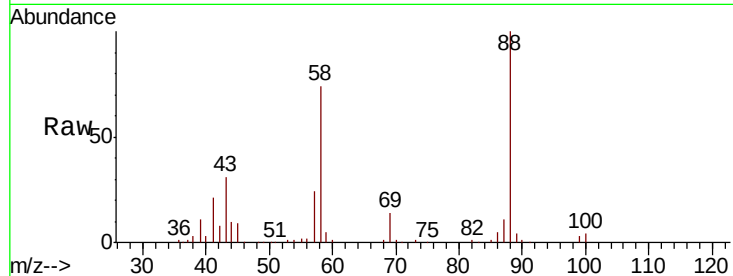




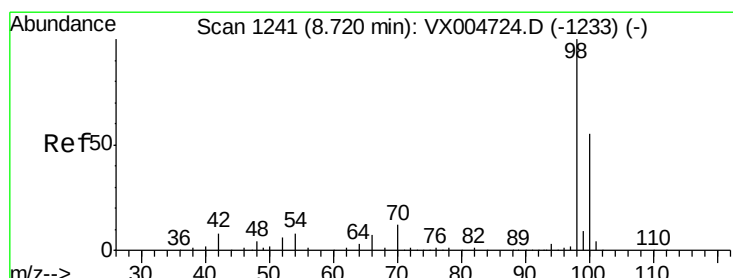
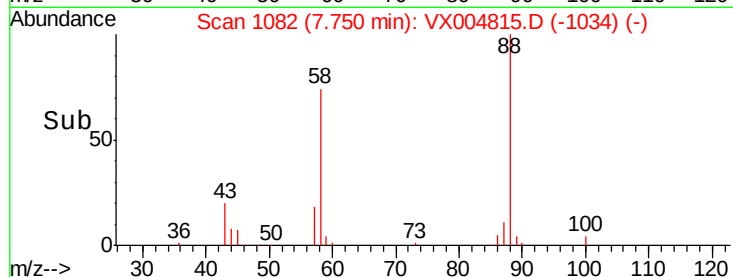
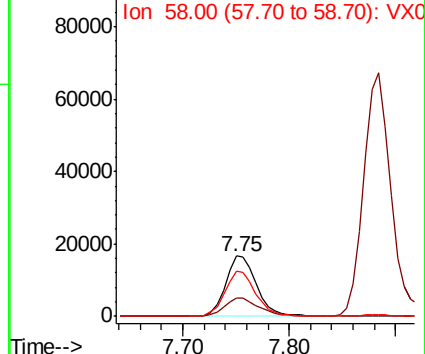
#49
1,4-Dioxane
Concen: 434.299 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

Tot Ion: 88 Resp: 33917
Ion Ratio Lower Upper
88 100
43 33.0 24.7 37.1
58 74.8 55.3 82.9

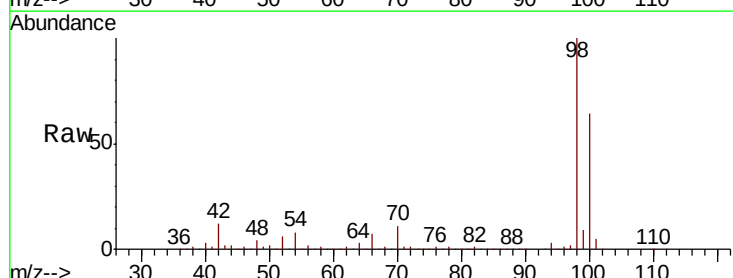


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

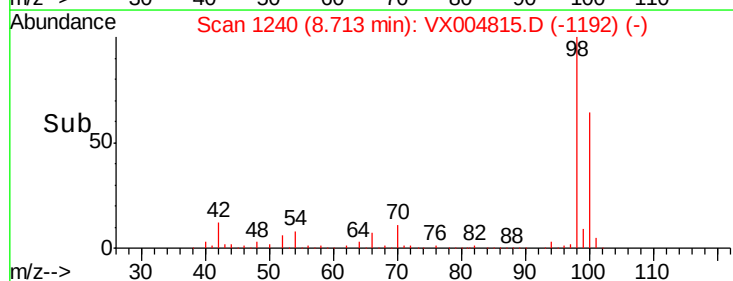
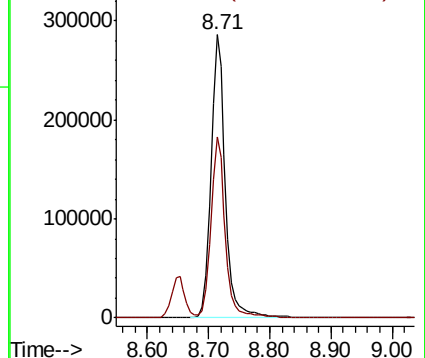


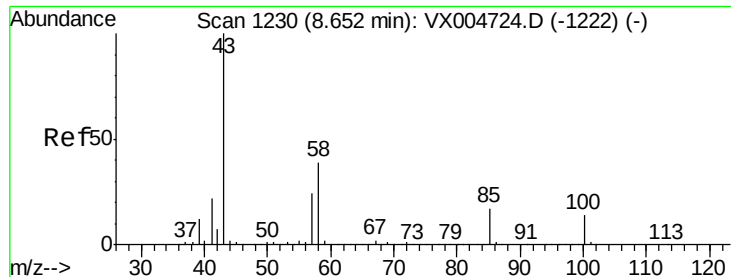
#50
Toluene-d8
Concen: 53.436 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion: 98 Resp: 470673
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 116.330 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

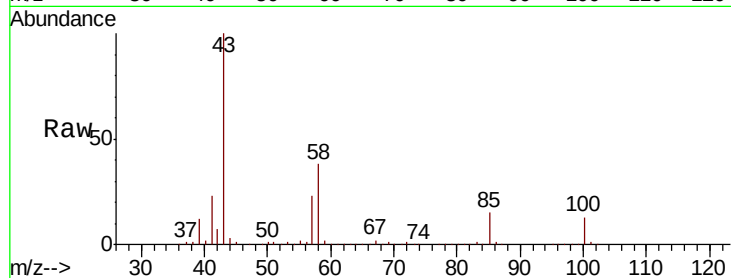
VX0928MBS01

Tot Ion: 43 Resp: 507285

Ion Ratio Lower Upper

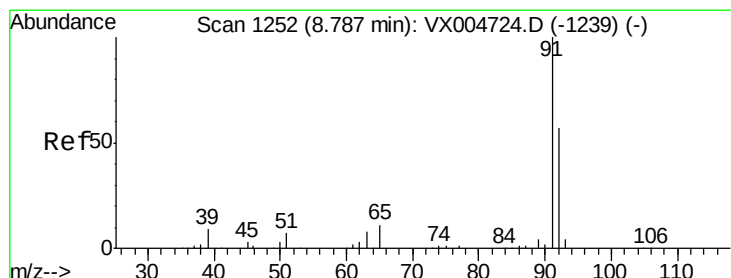
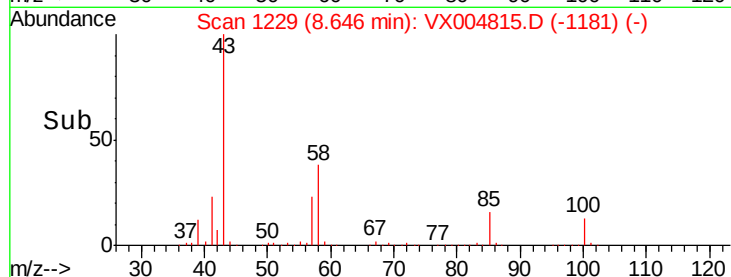
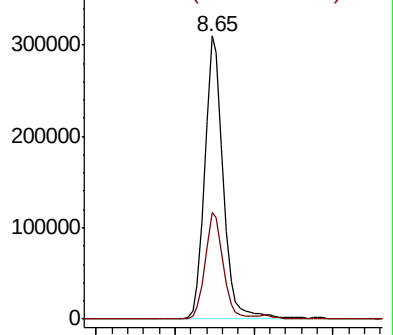
43 100

58 36.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.514 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004815.D

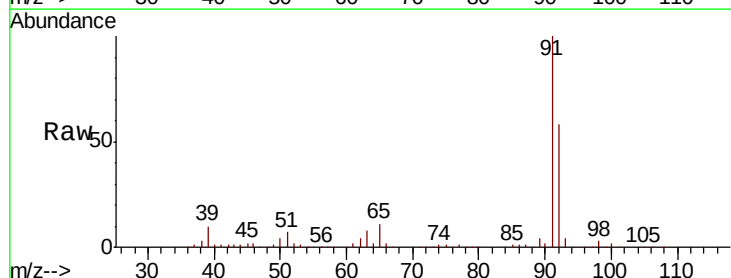
Acq: 28 Sep 2018 12:33

Tgt Ion: 92 Resp: 127565

Ion Ratio Lower Upper

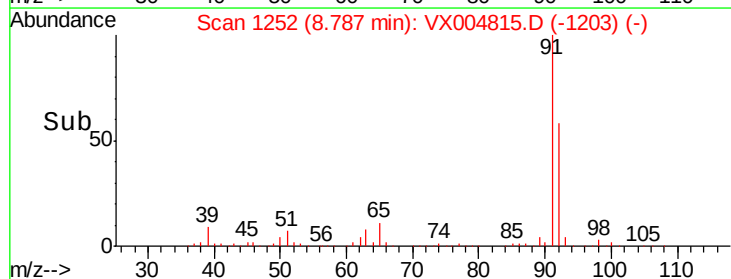
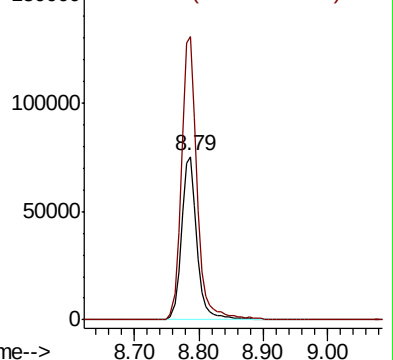
92 100

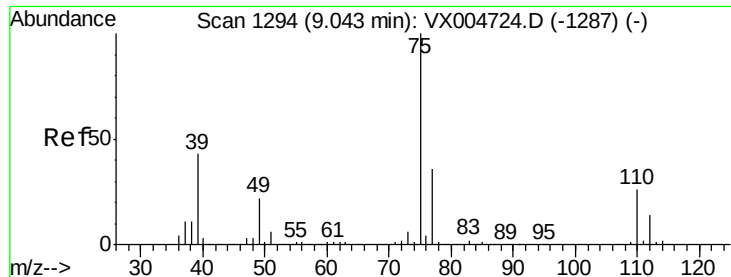
91 175.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

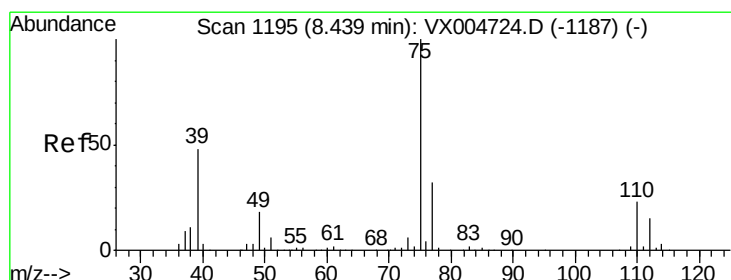
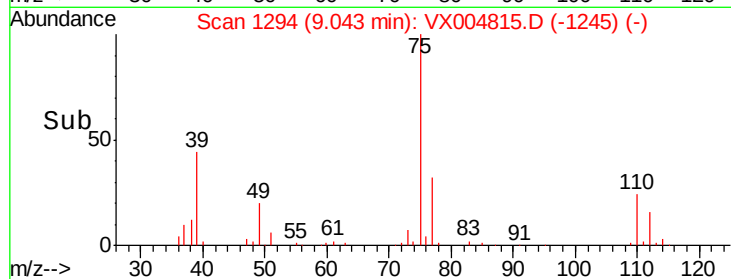
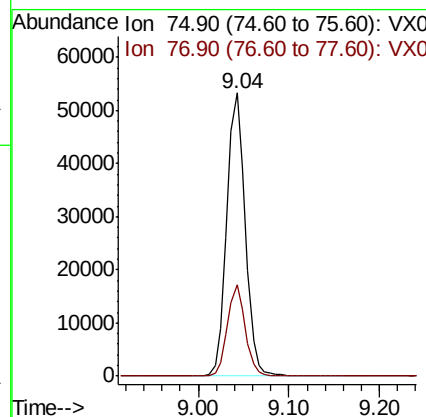
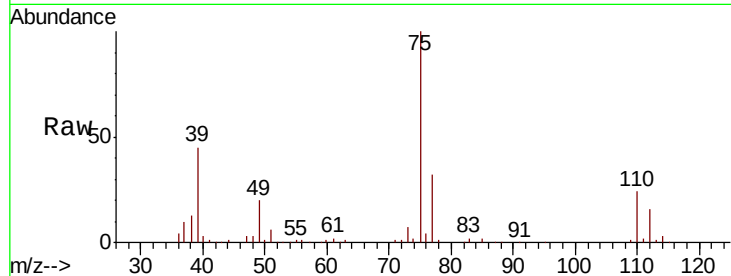




#53
t-1,3-Dichloropropene
Concen: 20.583 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

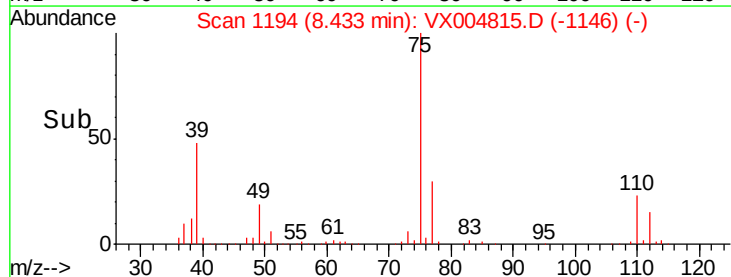
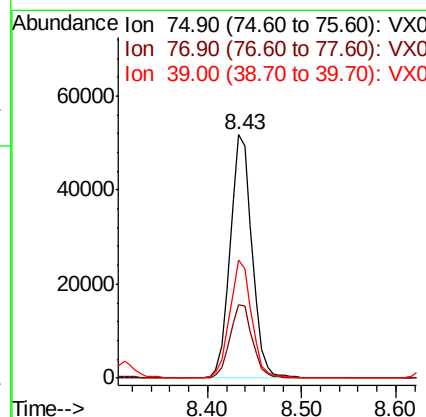
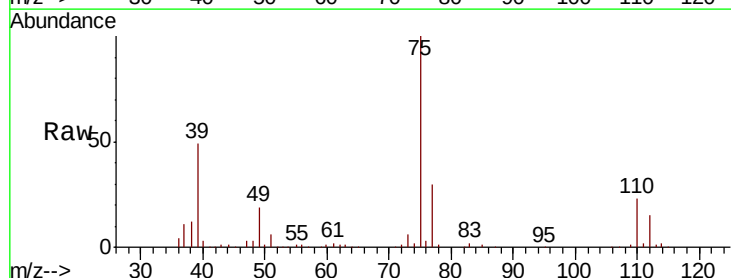
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

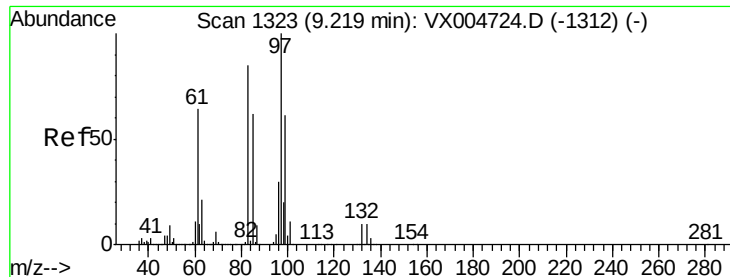
Tot Ion: 75 Resp: 75954
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 21.534 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion: 75 Resp: 83233
Ion Ratio Lower Upper
75 100
77 30.4 26.2 39.2
39 48.3 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 20.824 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

Tot Ion: 97 Resp: 56722

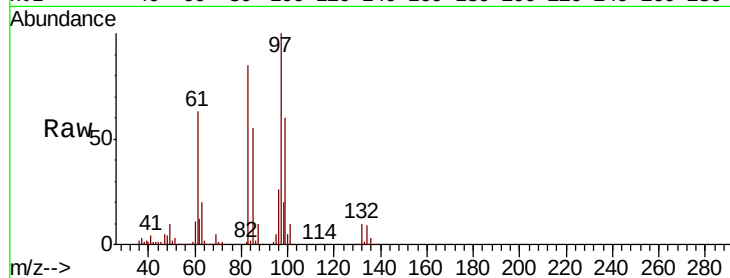
Ion Ratio Lower Upper

97 100

83 85.1 66.4 99.6

85 55.1 43.3 64.9

99 60.0 49.0 73.4

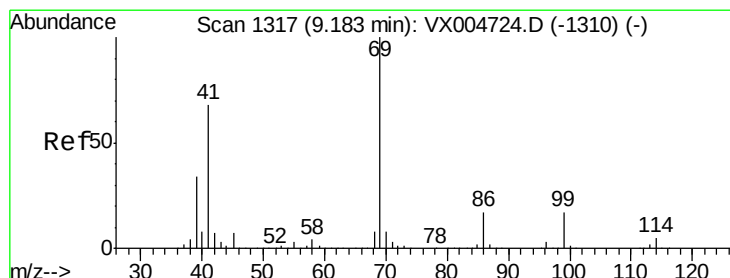
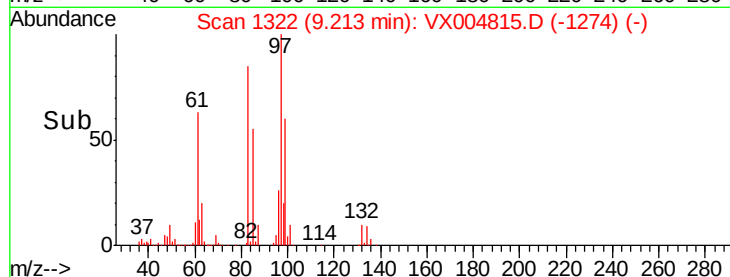
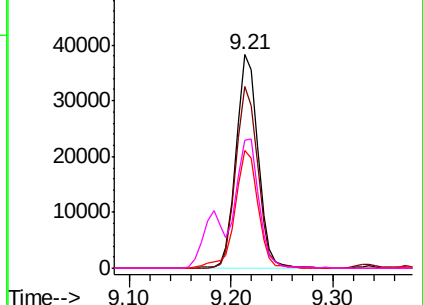


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.598 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

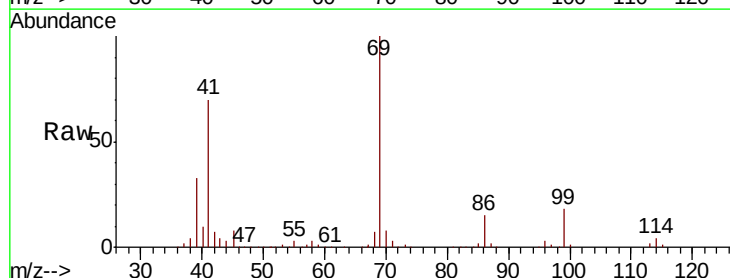
Tgt Ion: 69 Resp: 83156

Ion Ratio Lower Upper

69 100

41 70.5 51.0 76.4

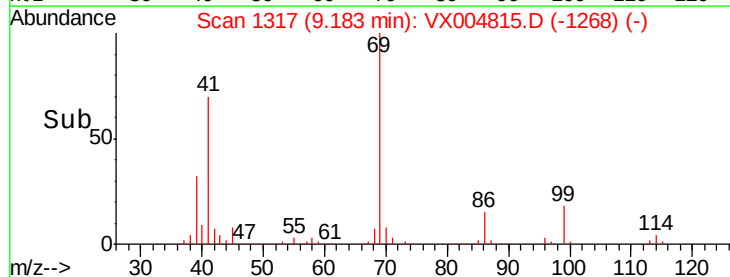
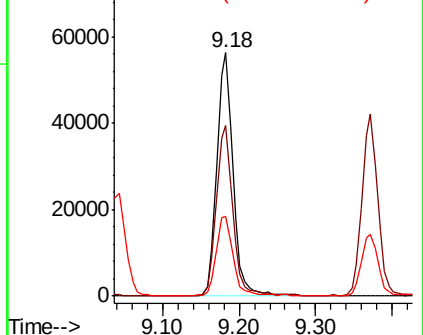
39 33.9 26.1 39.1

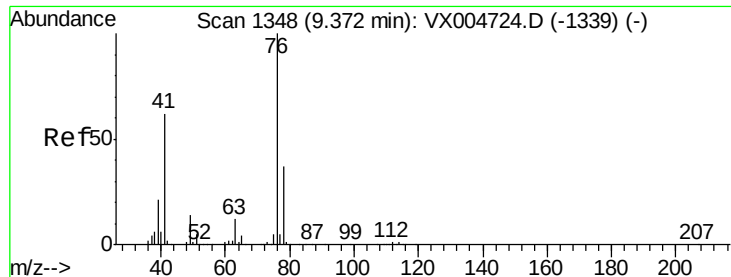


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

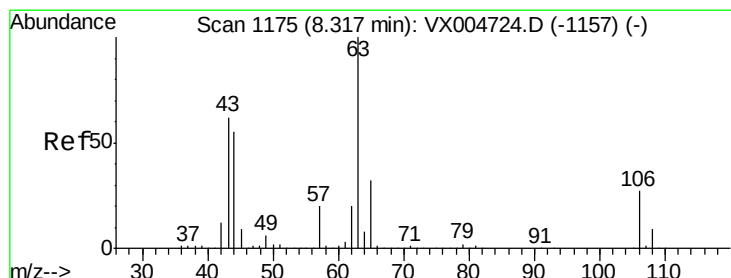
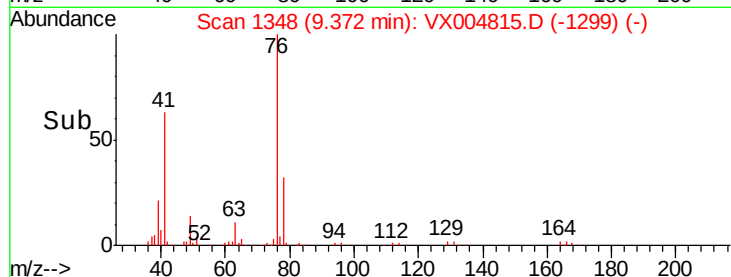
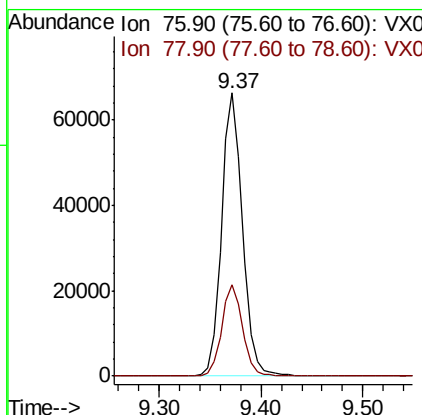
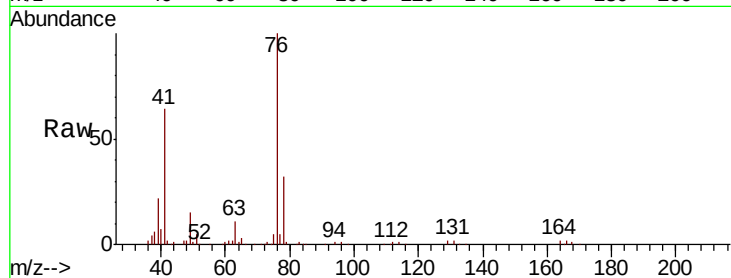




#57
 1,3-Dichloropropane
 Concen: 20.864 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

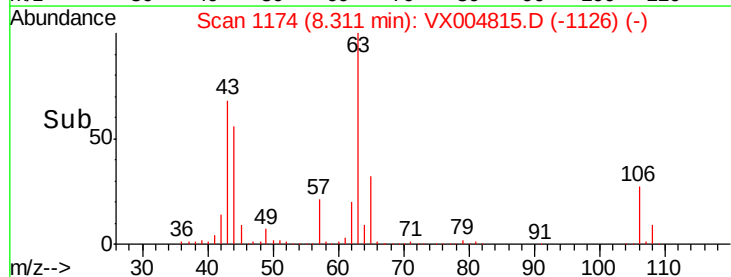
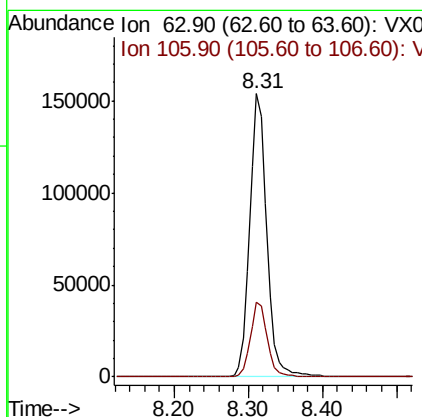
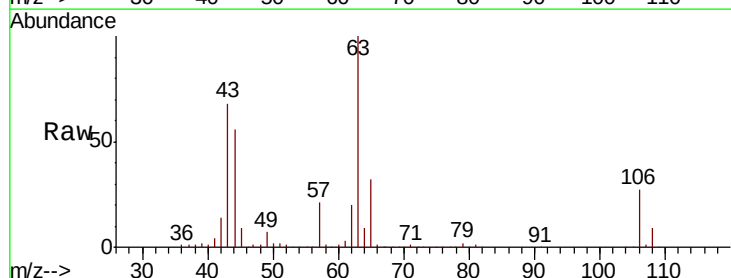
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

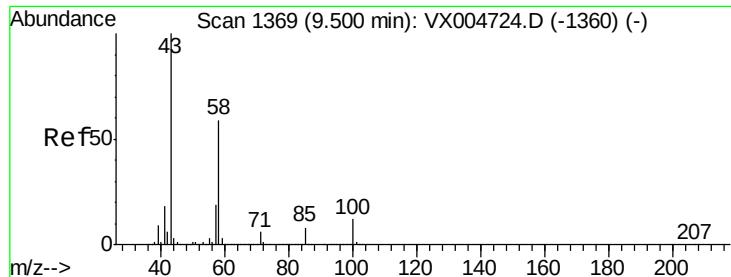
Tot Ion: 76 Resp: 94586
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.203 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Tgt Ion: 63 Resp: 248784
 Ion Ratio Lower Upper
 63 100
 106 26.1 23.9 35.9

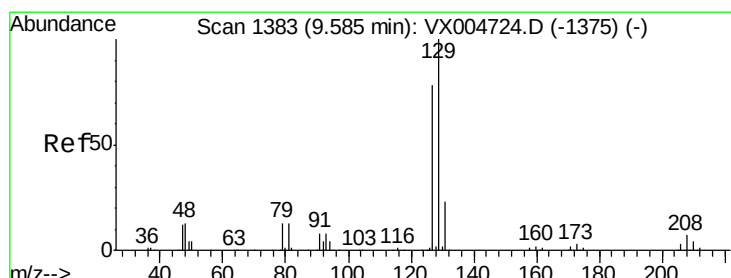
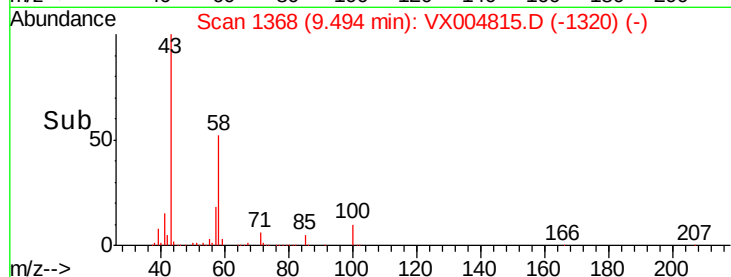
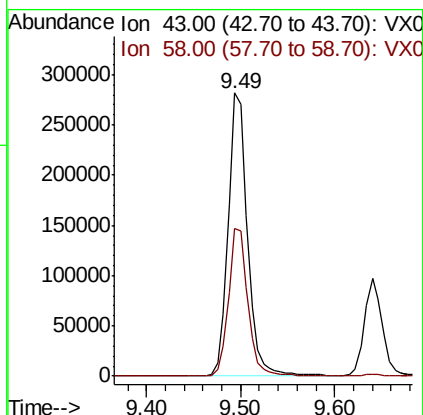
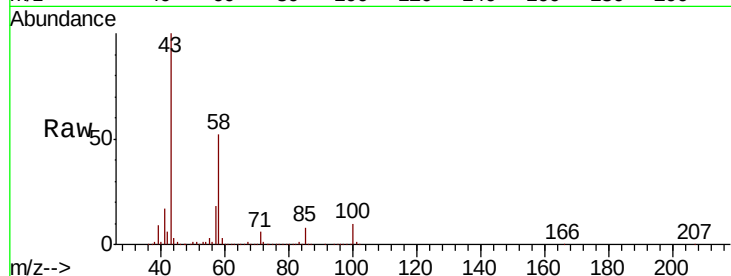




#59
2-Hexanone
Concen: 110.591 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

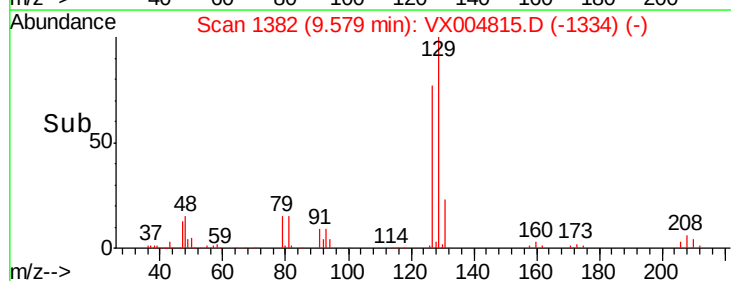
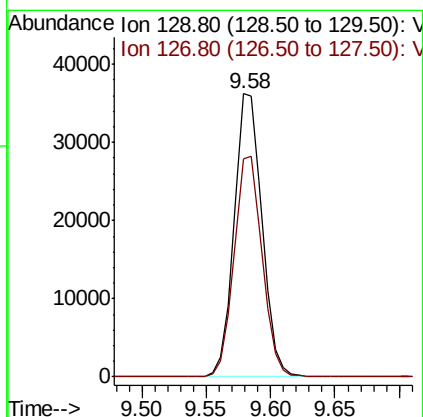
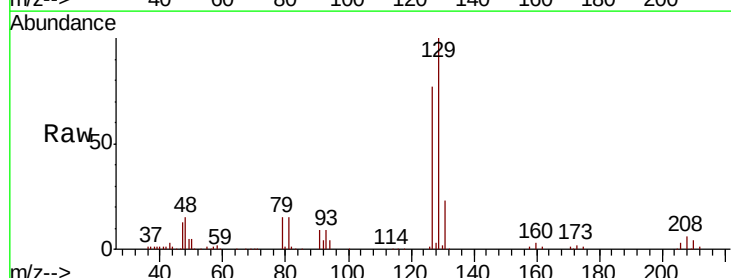
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

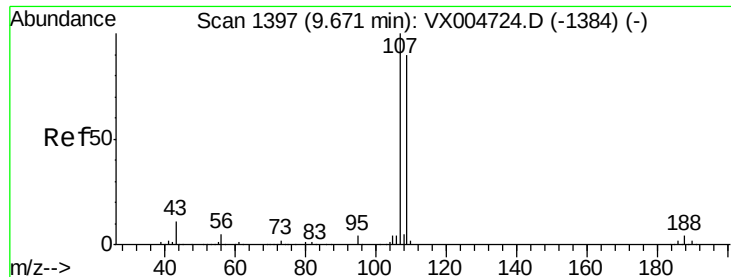
Tot Ion: 43 Resp: 401875
Ion Ratio Lower Upper
43 100
58 52.4 29.0 87.0



#60
Dibromochloromethane
Concen: 20.044 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion: 129 Resp: 54603
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.039 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

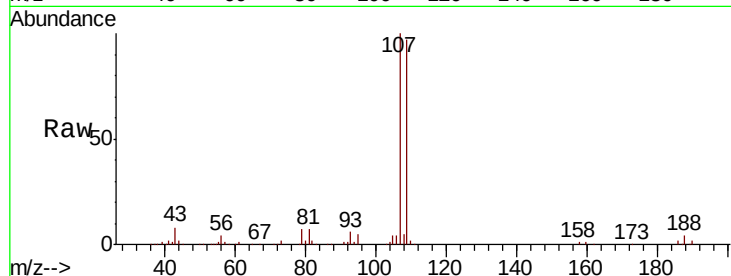
VX0928MBS01

Tot Ion:107 Resp: 58456

Ion Ratio Lower Upper

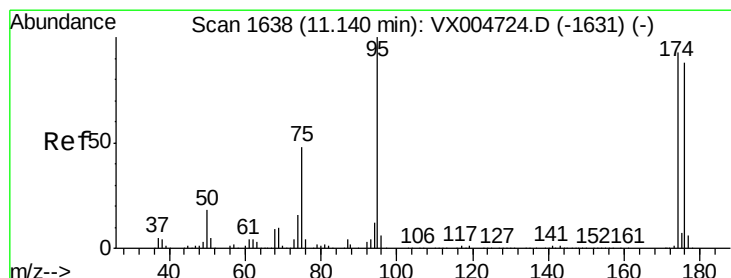
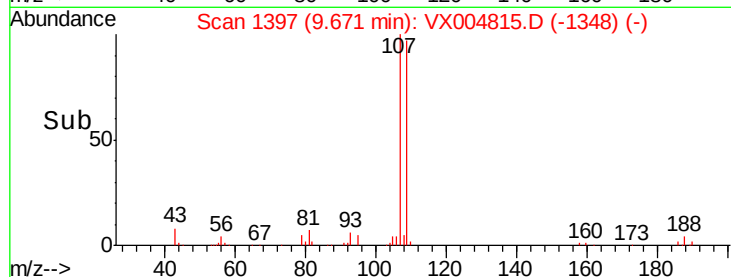
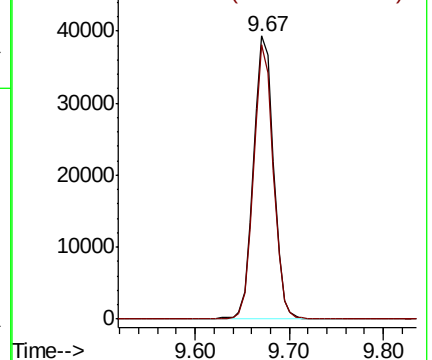
107 100

109 95.0 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: 55.908 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

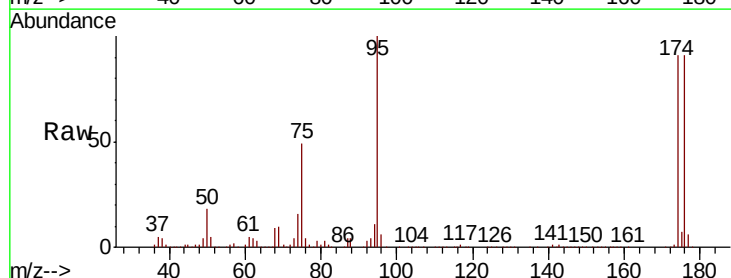
Tgt Ion: 95 Resp: 177405

Ion Ratio Lower Upper

95 100

174 89.9 0.0 185.2

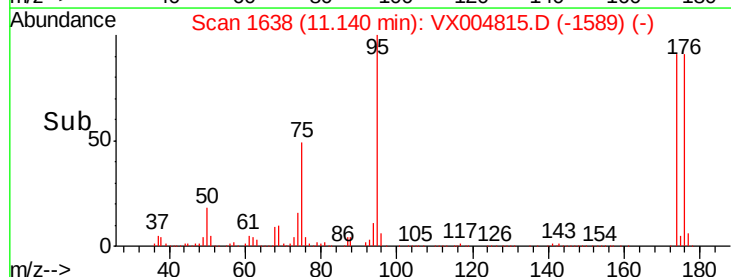
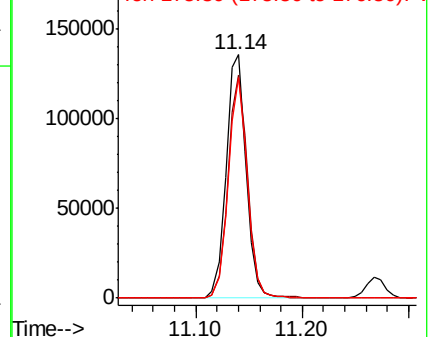
176 87.2 0.0 178.6

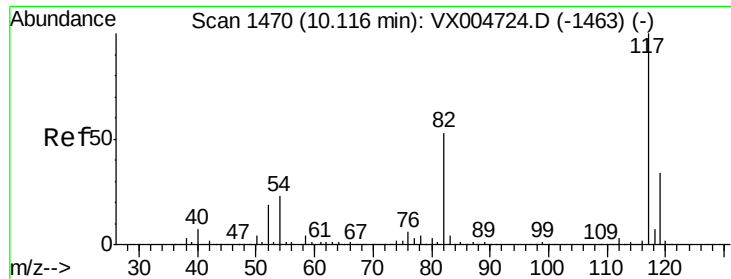


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

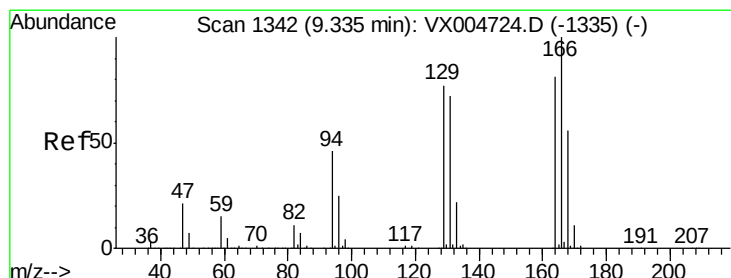
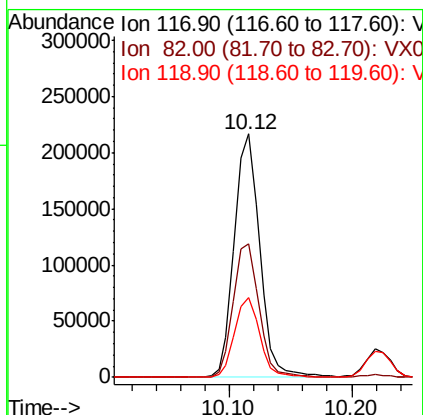
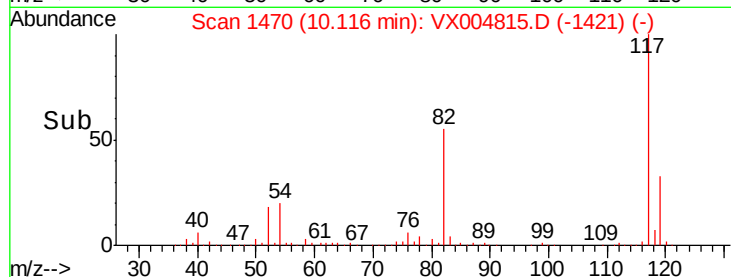
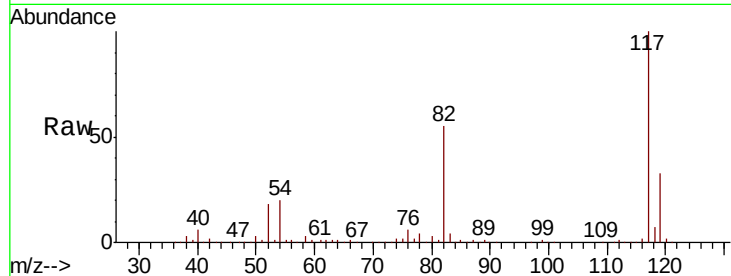




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

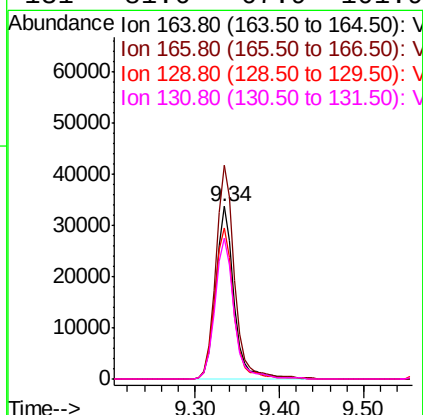
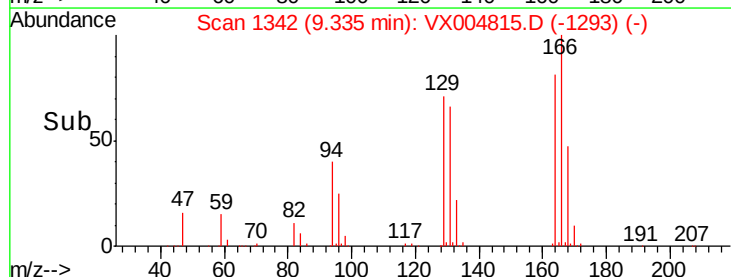
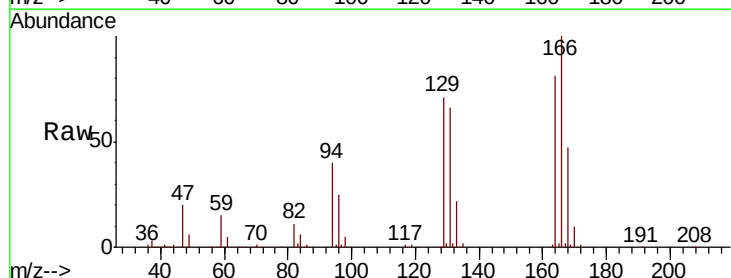
Instrument :
MSVOA_X
ClientSampled :
VX0928MBS01

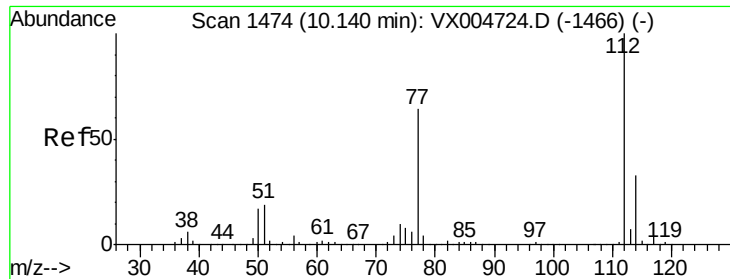
Tot Ion:117 Resp: 312282
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.6
119 32.6 29.3 43.9



#64
Tetrachloroethene
Concen: 16.535 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion:164 Resp: 50822
Ion Ratio Lower Upper
164 100
166 123.9 102.8 154.2
129 87.9 69.4 104.0
131 81.6 67.9 101.9

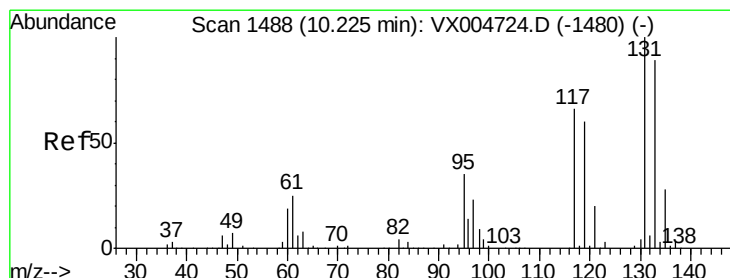
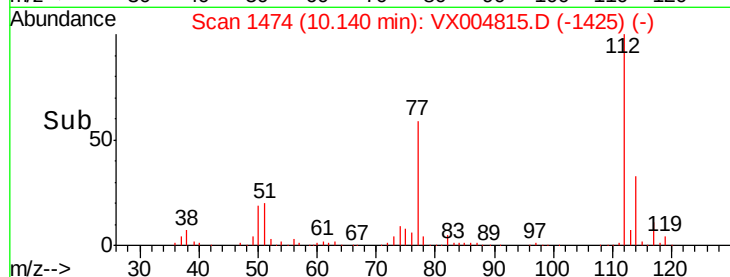
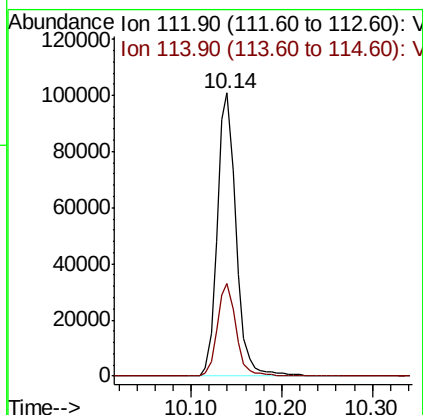
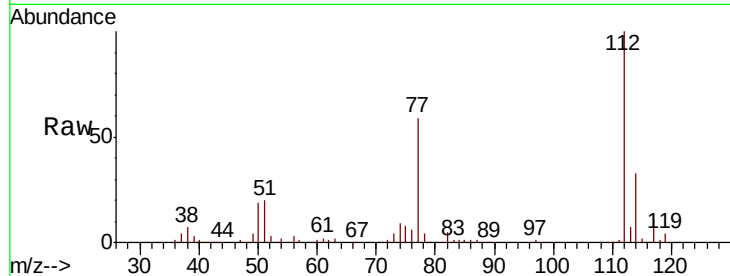




#65
Chlorobenzene
Concen: 18.301 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

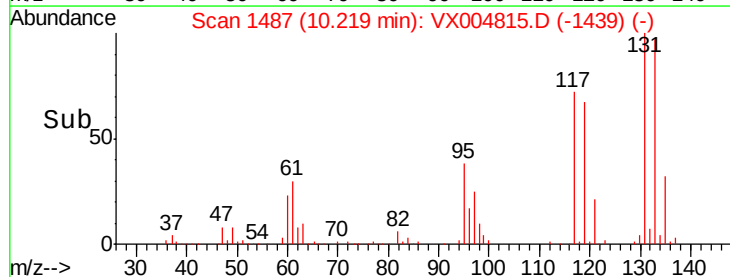
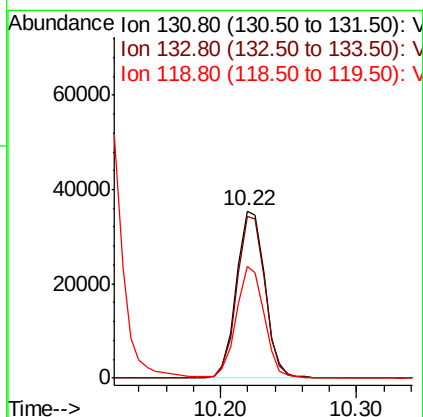
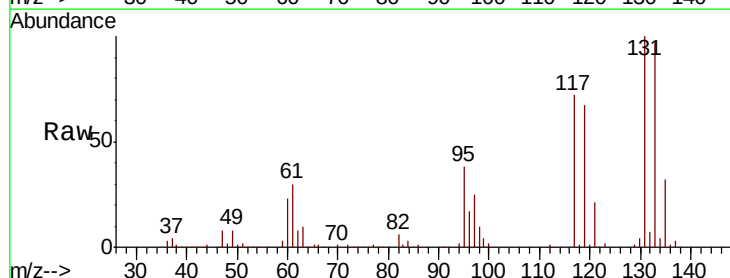
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

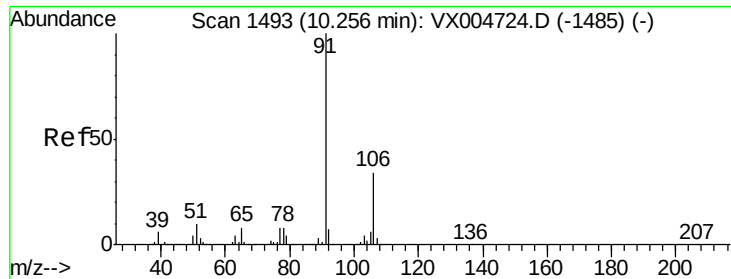
Tot Ion:112 Resp: 146547
Ion Ratio Lower Upper
112 100
114 32.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.346 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion:131 Resp: 51647
Ion Ratio Lower Upper
131 100
133 96.4 48.1 144.4
119 66.2 32.9 98.6

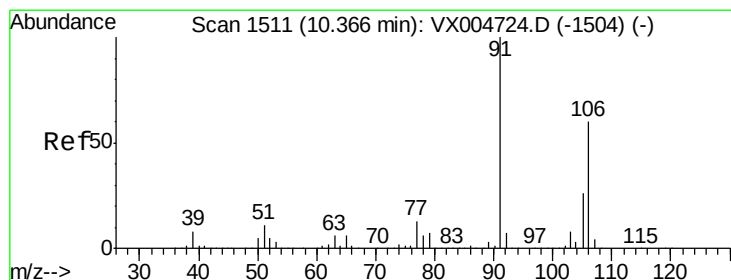
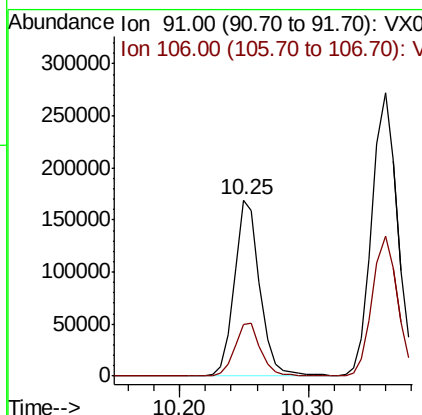
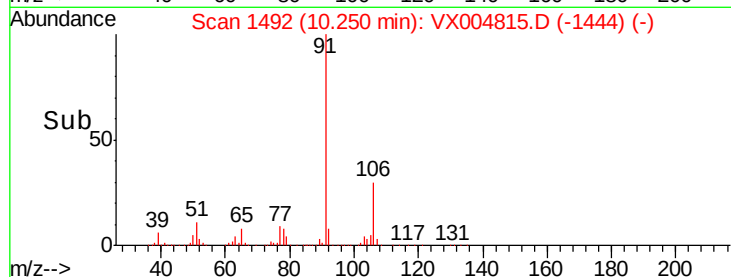
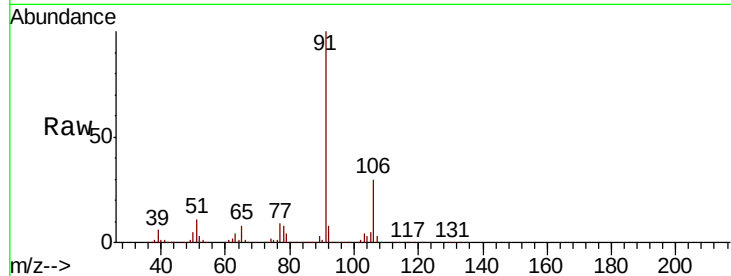




#67
Ethyl Benzene
Concen: 18.343 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

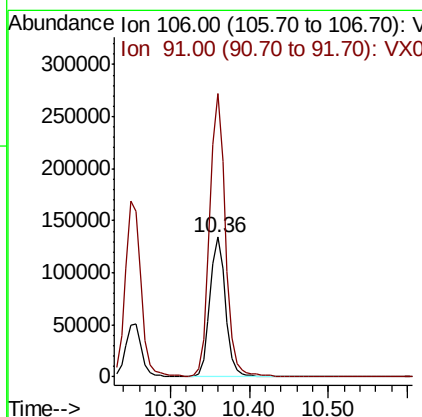
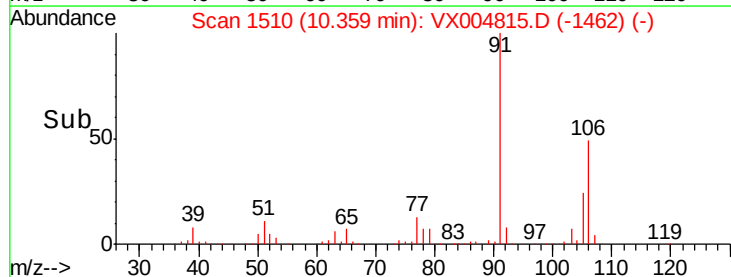
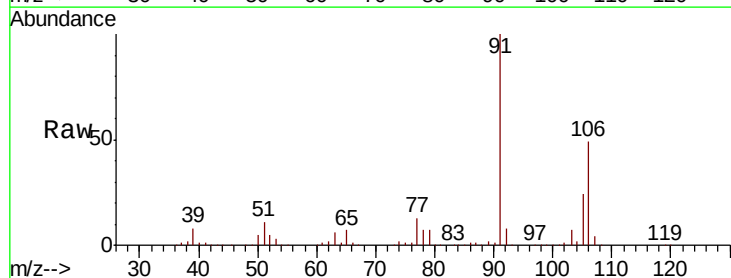
Instrument :
MSVOA_X
ClientSampled :
VX0928MBS01

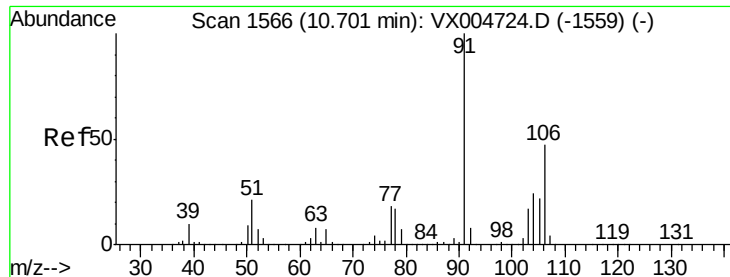
Tot Ion: 91 Resp: 233202
Ion Ratio Lower Upper
91 100
106 29.6 25.9 38.9



#68
m/p-Xylenes
Concen: 37.416 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion: 106 Resp: 185886
Ion Ratio Lower Upper
106 100
91 204.2 157.1 235.7

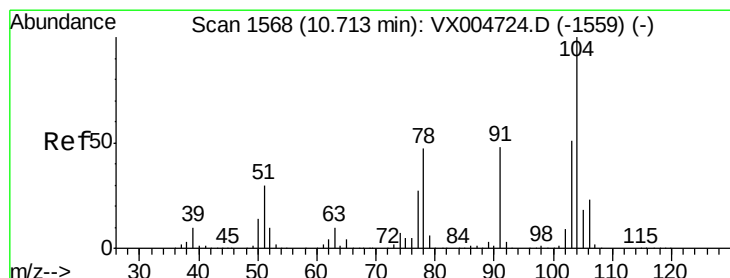
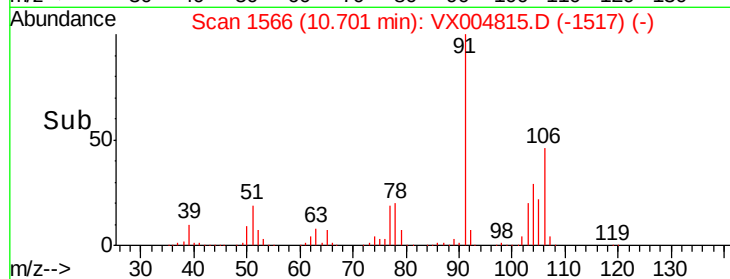
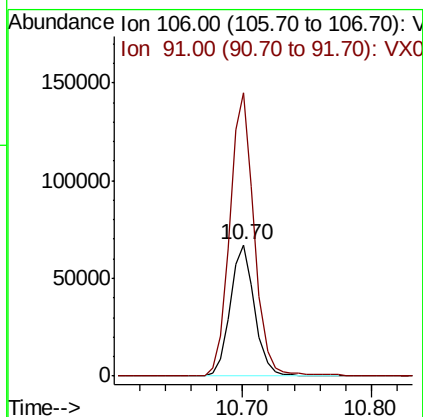
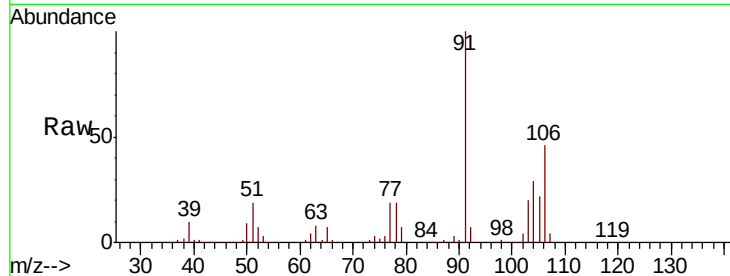




#69
o-Xylene
Concen: 19.552 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

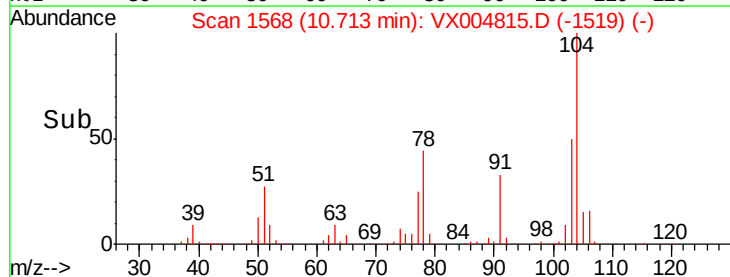
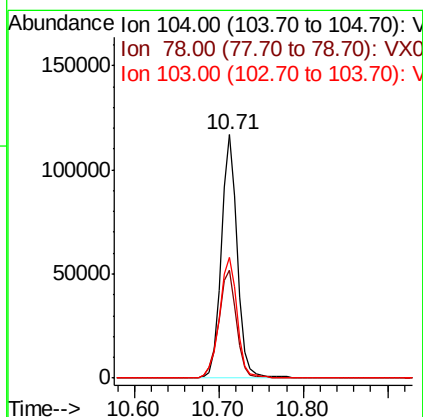
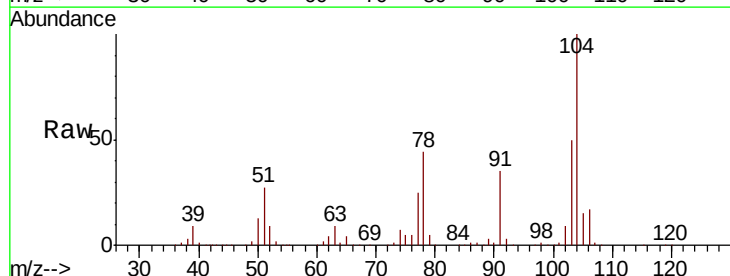
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

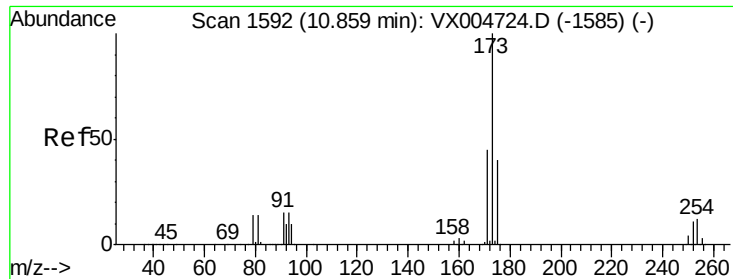
Tot Ion:106 Resp: 89218
Ion Ratio Lower Upper
106 100
91 216.2 105.1 315.1



#70
Styrene
Concen: 19.354 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion:104 Resp: 153480
Ion Ratio Lower Upper
104 100
78 50.0 37.4 56.0
103 55.2 43.8 65.6





#71

Bromoform

Concen: 18.417 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

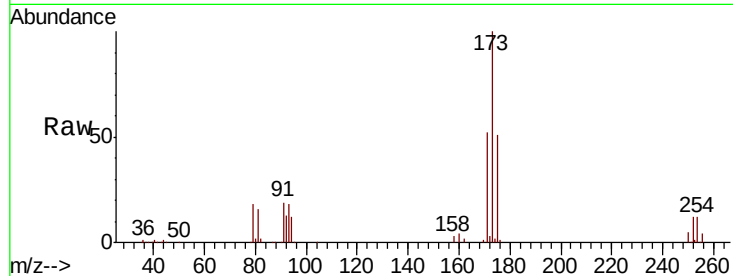
Tot Ion:173 Resp: 44387

Ion Ratio Lower Upper

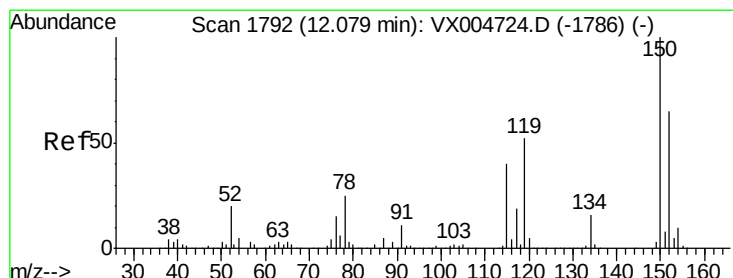
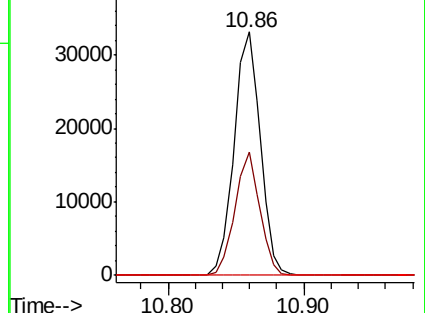
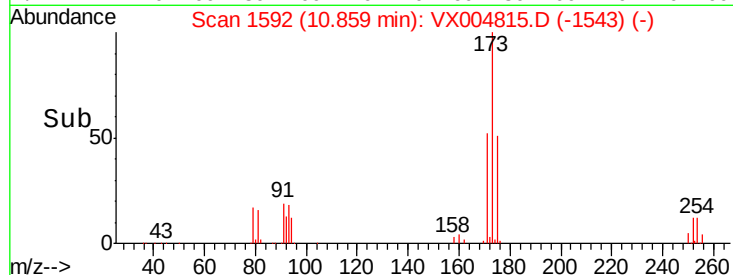
173 100

175 48.1 24.1 72.3

254 0.2 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: VX004815.D

Acq: 28 Sep 2018 12:33

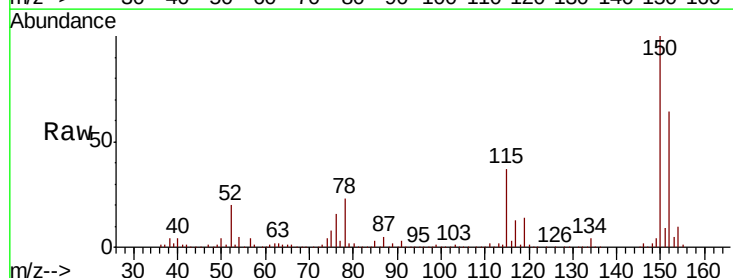
Tgt Ion:152 Resp: 194565

Ion Ratio Lower Upper

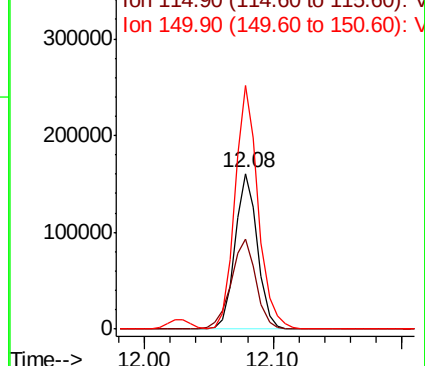
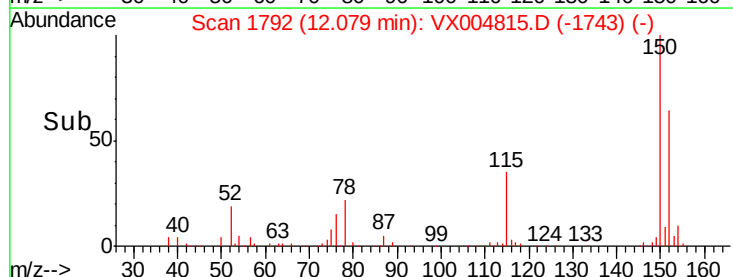
152 100

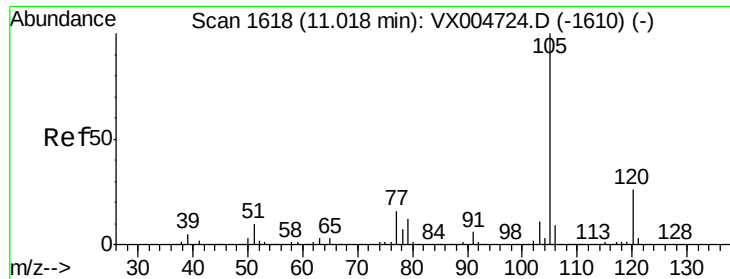
115 64.3 39.0 117.0

150 162.5 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: 18.836 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

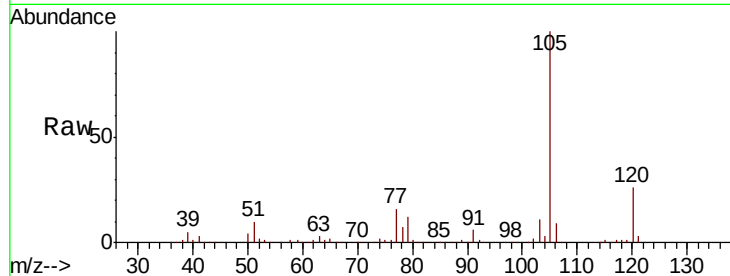
VX0928MBS01

Tot Ion: 105 Resp: 230997

Ion Ratio Lower Upper

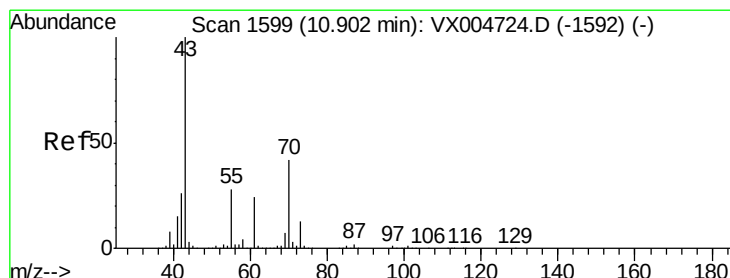
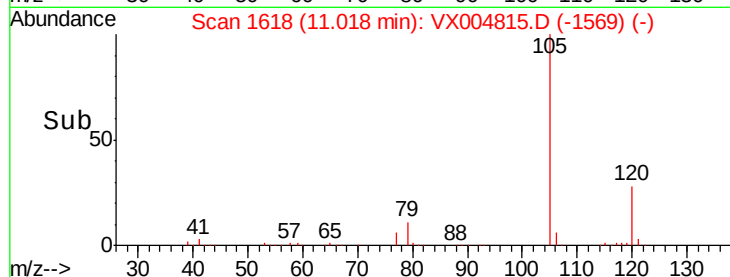
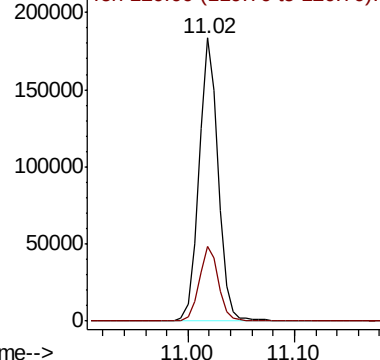
105 100

120 26.7 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: 19.152 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Tgt Ion: 43 Resp: 121568

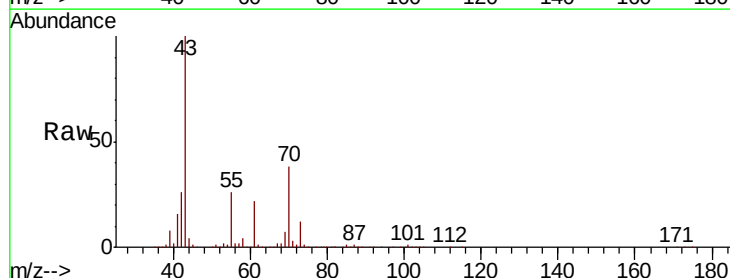
Ion Ratio Lower Upper

43 100

70 40.1 37.4 56.0

55 27.0 21.8 32.8

61 23.0 20.6 30.8

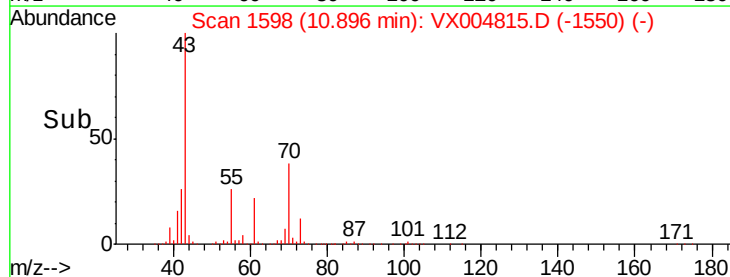
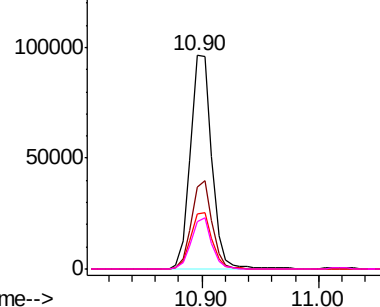


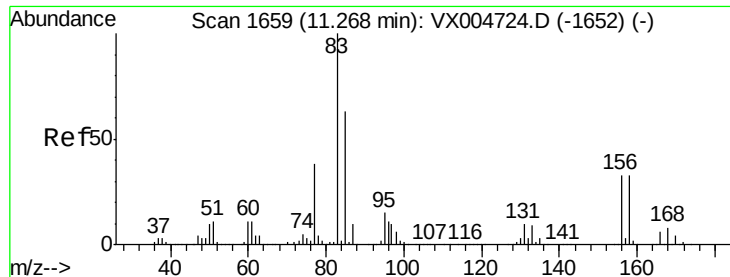
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

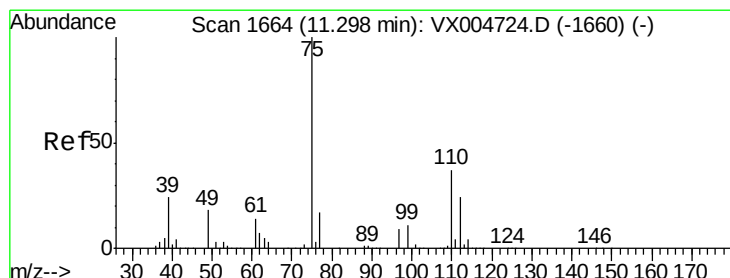
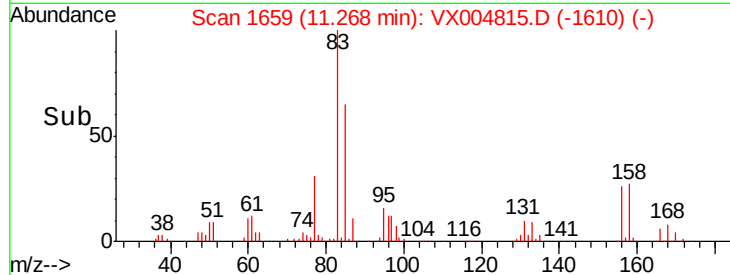
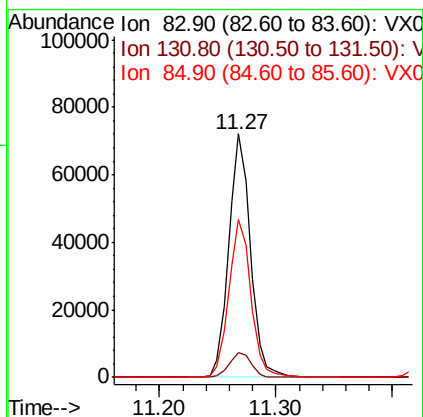
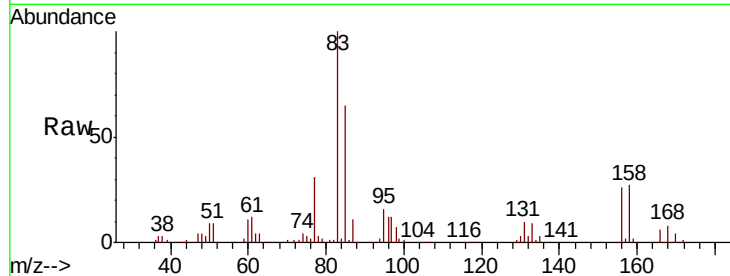




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.732 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

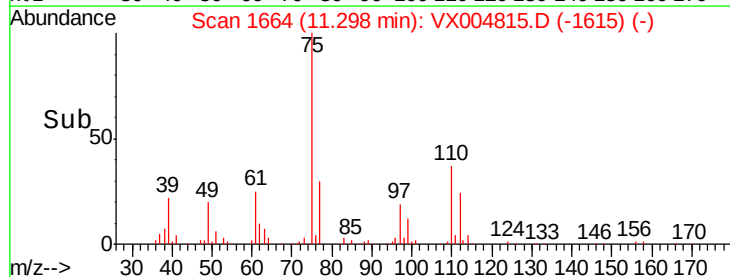
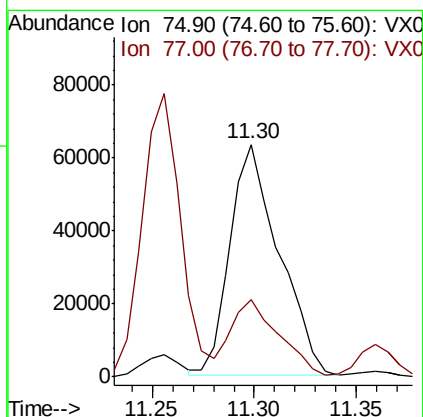
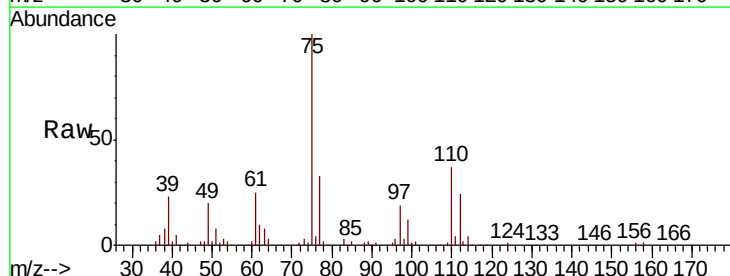
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

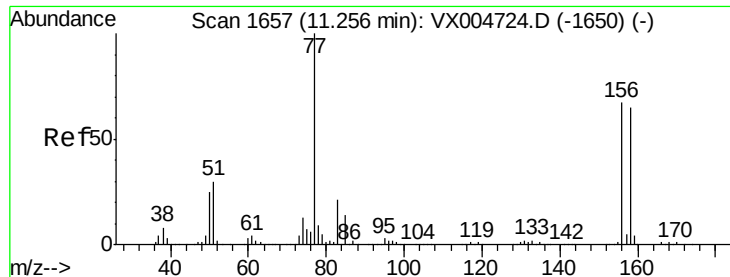
Tot Ion	83	Resp	93515
Ion Ratio	100		
Lower	5.2		
Upper	15.6		
85	65.7	32.3	96.8



#76
 1,2,3-Trichloropropane
 Concen: 24.257 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Tgt Ion	75	Resp	105781
Ion Ratio	100		
Lower	20.2		
Upper	60.6		
77	32.8		





#77

Bromobenzene

Concen: 18.980 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

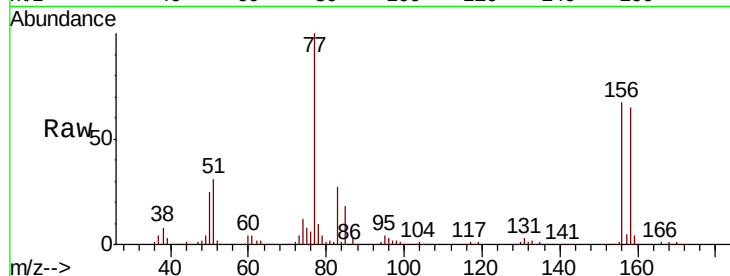
Tot Ion:156 Resp: 67609

Ion Ratio Lower Upper

156 100

77 151.3 71.5 214.3

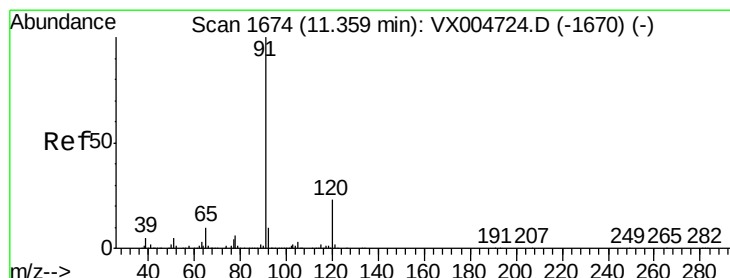
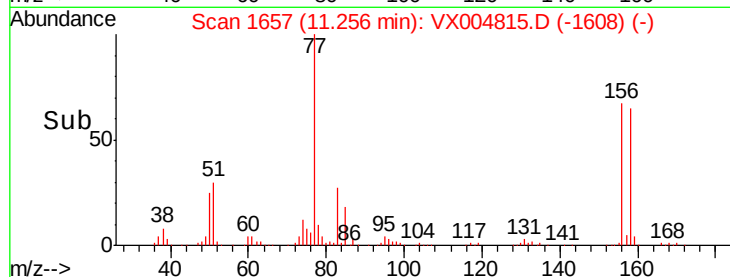
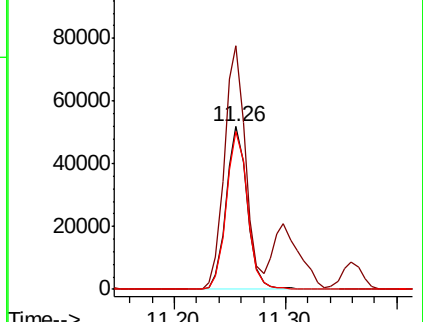
158 98.0 48.9 146.8



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: 19.190 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004815.D

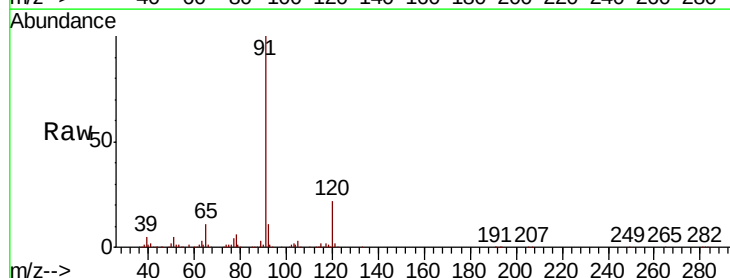
Acq: 28 Sep 2018 12:33

Tgt Ion: 91 Resp: 270026

Ion Ratio Lower Upper

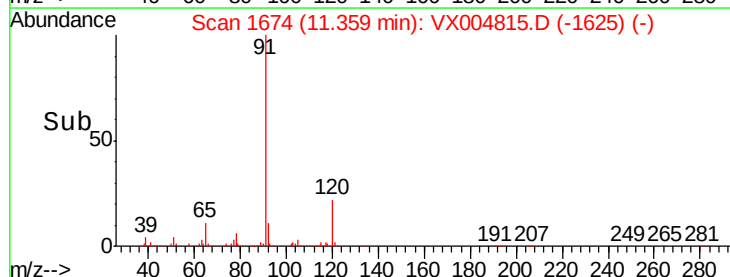
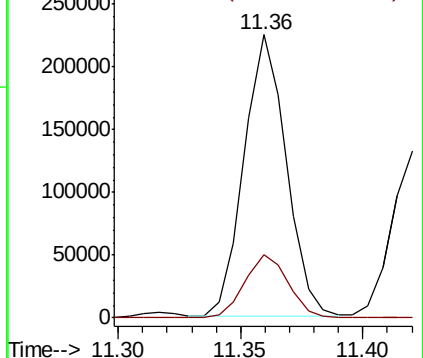
91 100

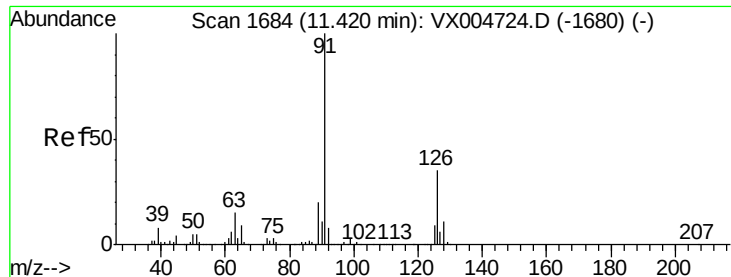
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.301 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampled :

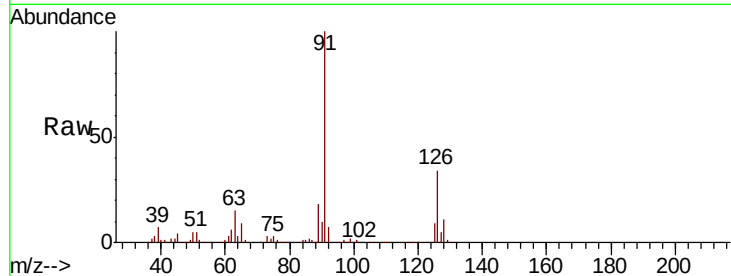
VX0928MBS01

Tot Ion: 91 Resp: 169289

Ion Ratio Lower Upper

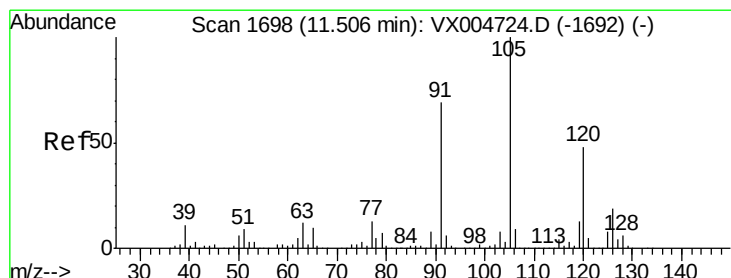
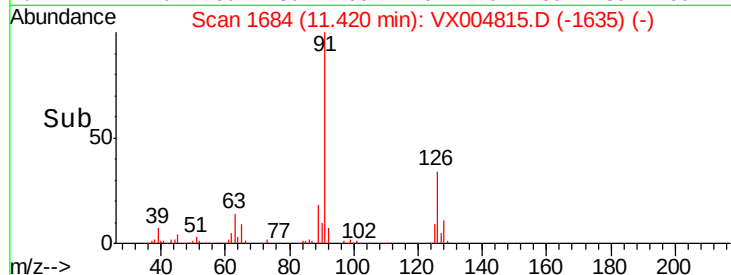
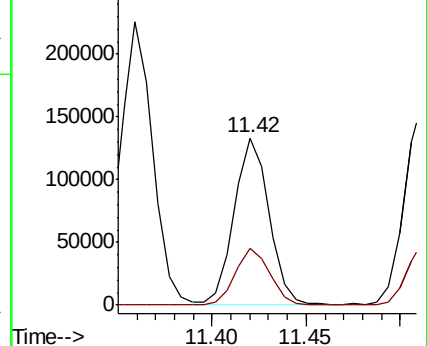
91 100

126 34.6 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: 17.851 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004815.D

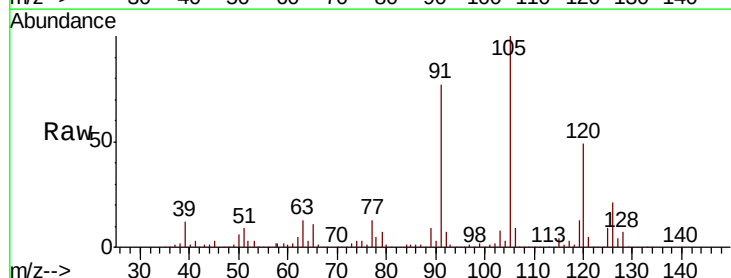
Acq: 28 Sep 2018 12:33

Tgt Ion:105 Resp: 202071

Ion Ratio Lower Upper

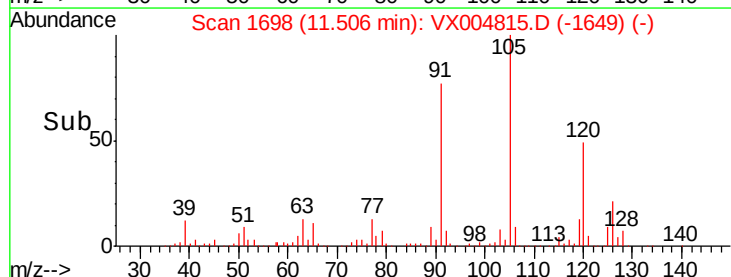
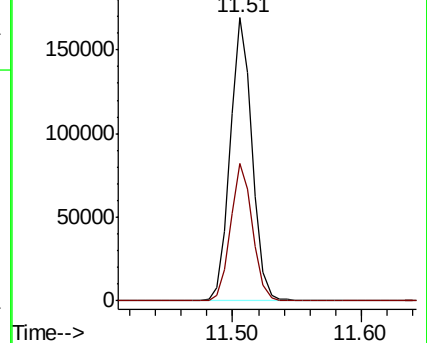
105 100

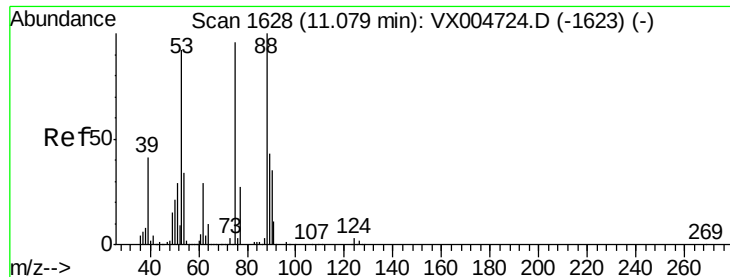
120 48.7 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

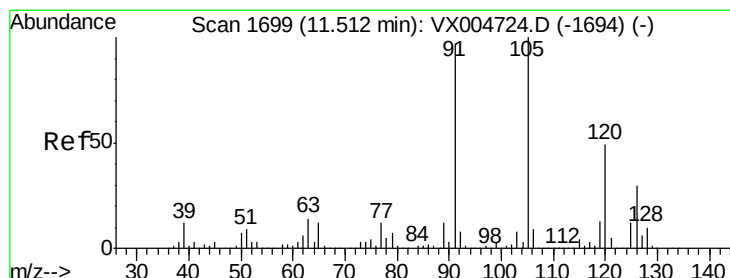
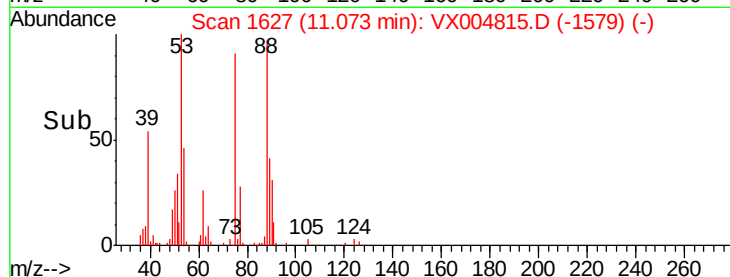
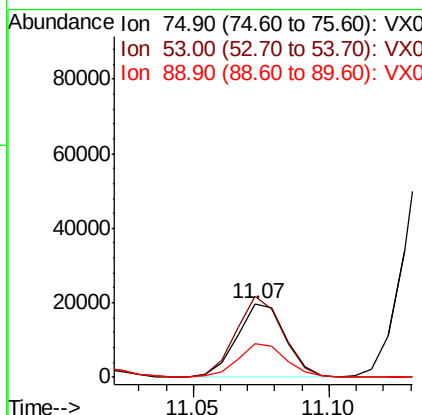
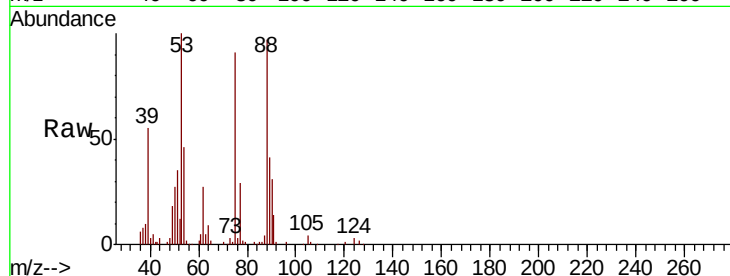




#81
trans-1,4-Dichloro-2-butene
Concen: 16.657 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

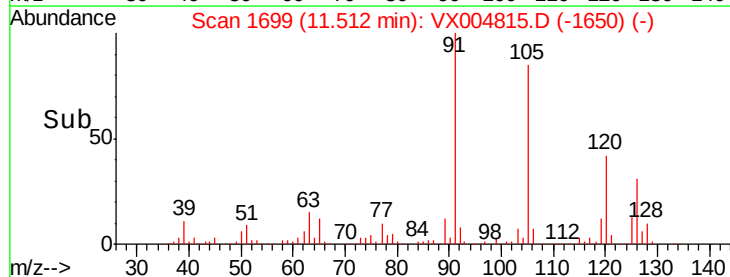
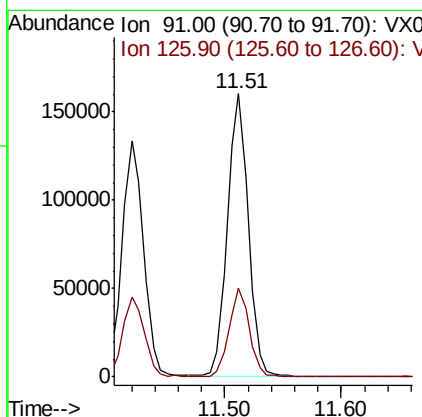
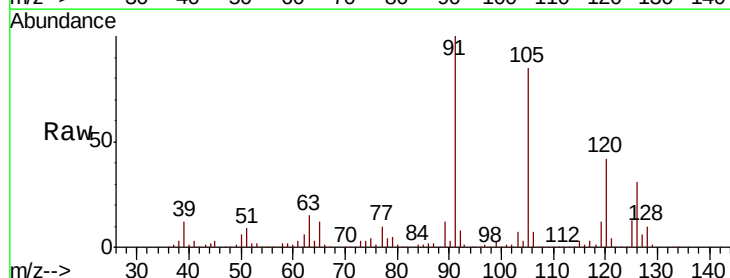
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

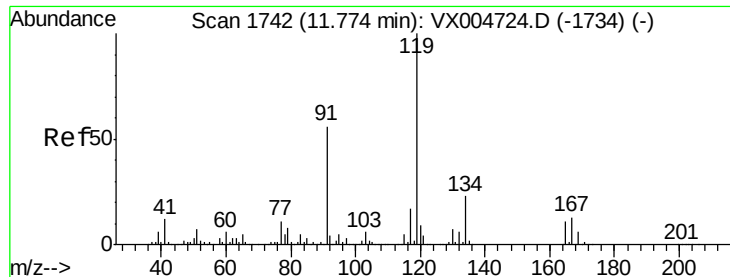
Tot Ion: 75 Resp: 24427
Ion Ratio Lower Upper
75 100
53 107.3 80.1 120.1
89 45.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 19.371 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion: 91 Resp: 199976
Ion Ratio Lower Upper
91 100
126 30.4 15.5 46.5

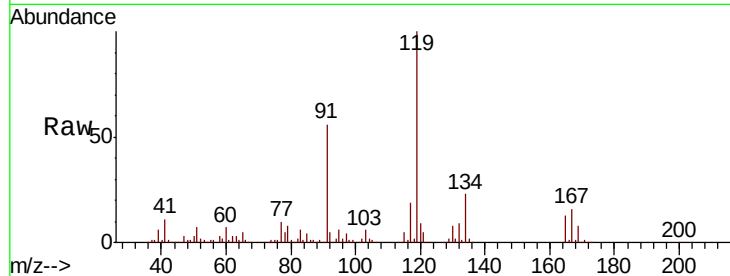




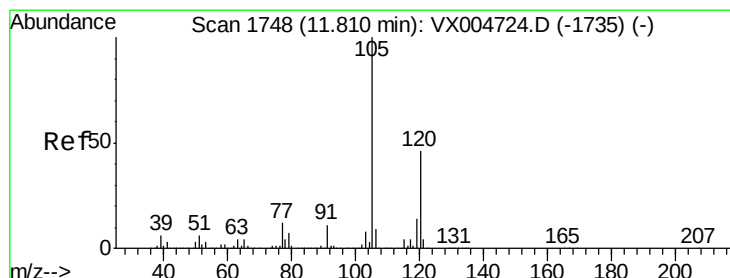
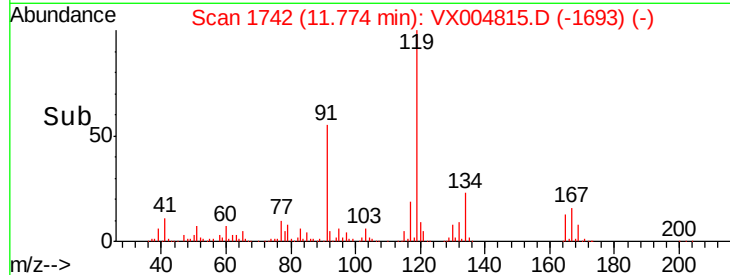
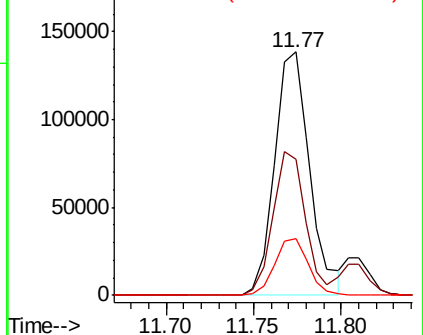
#83
 tert-Butylbenzene
 Concen: 19.186 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

Tot Ion:119 Resp: 193718
 Ion Ratio Lower Upper
 119 100
 91 54.5 27.0 81.0
 134 22.4 11.7 35.1

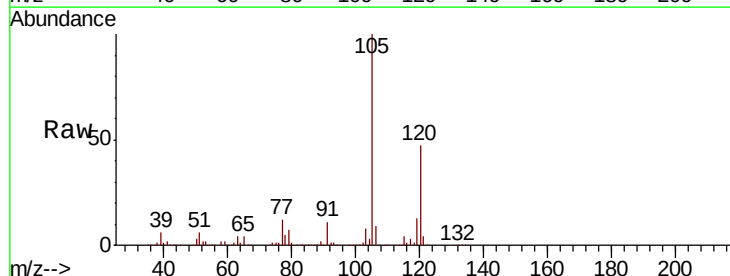


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

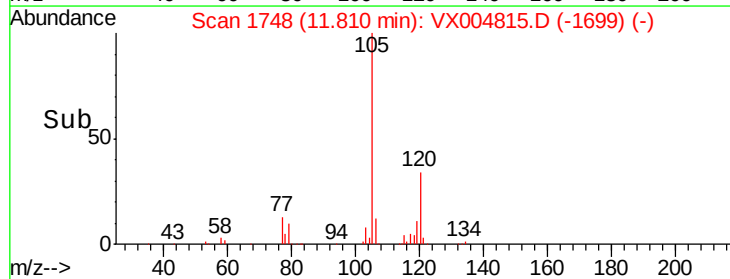
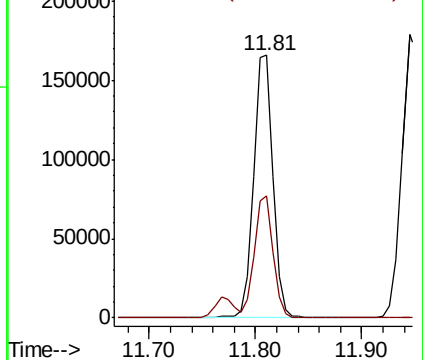


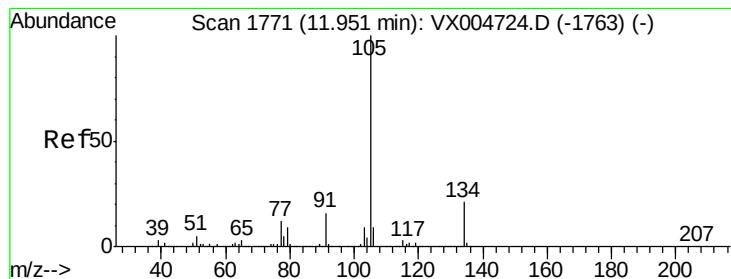
#84
 1,2,4-Trimethylbenzene
 Concen: 18.078 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Tgt Ion:105 Resp: 211015
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.541 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

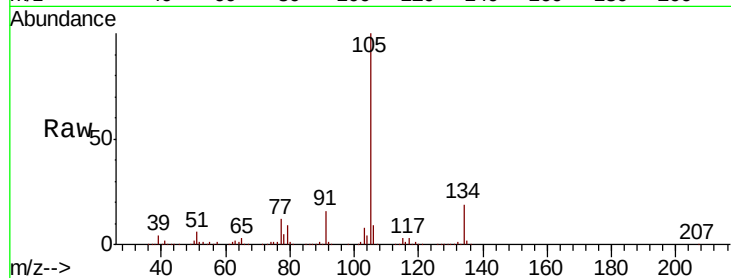
VX0928MBS01

Tot Ion:105 Resp: 228030

Ion Ratio Lower Upper

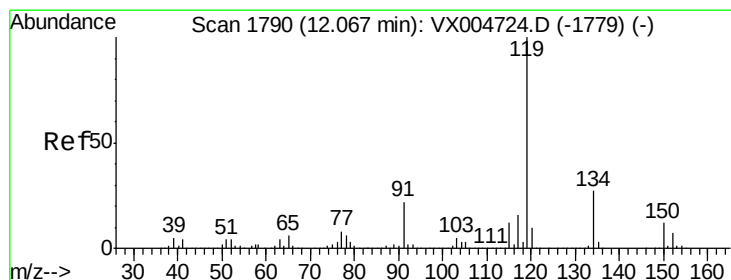
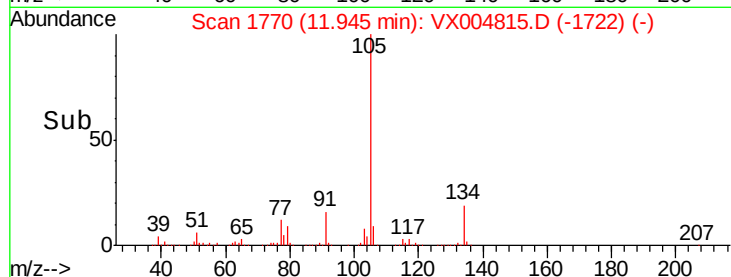
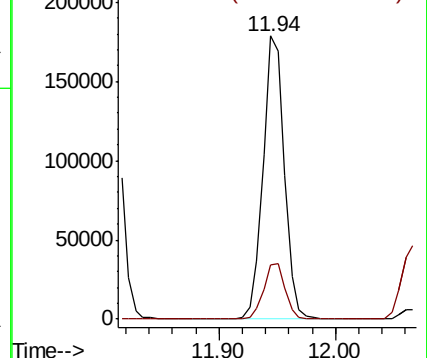
105 100

134 19.9 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: 18.515 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

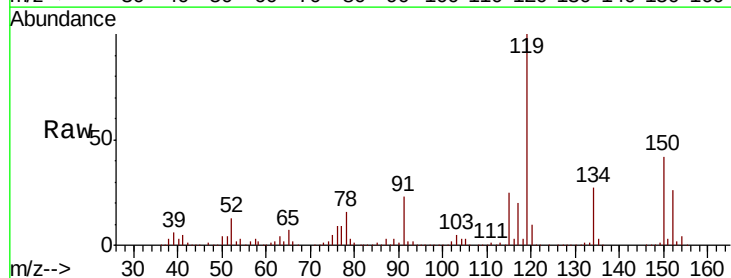
Tgt Ion:119 Resp: 206308

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

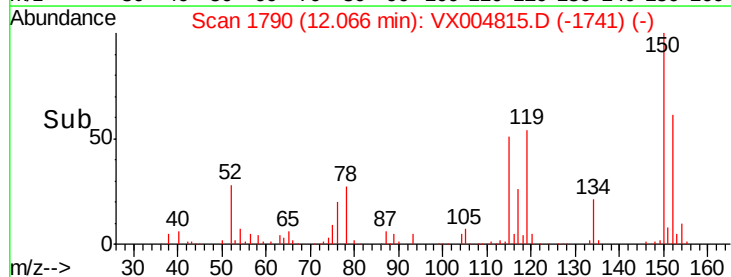
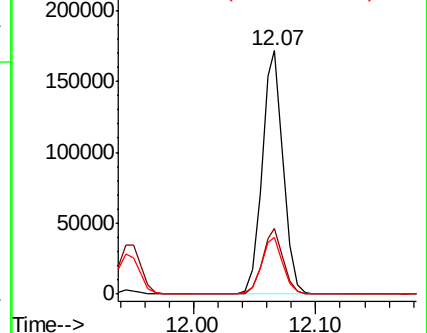
91 23.8 10.9 32.7

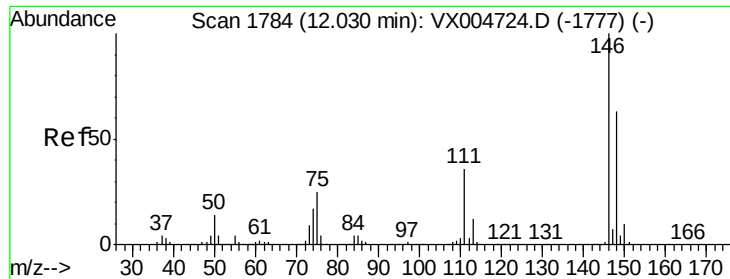


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

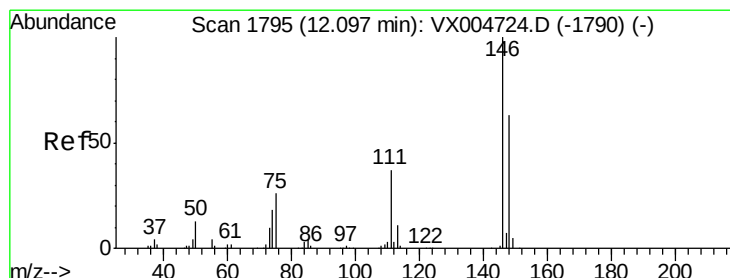
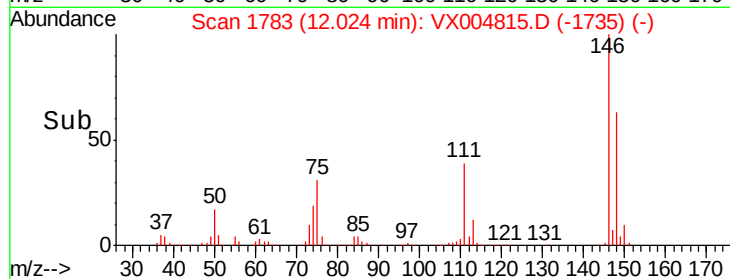
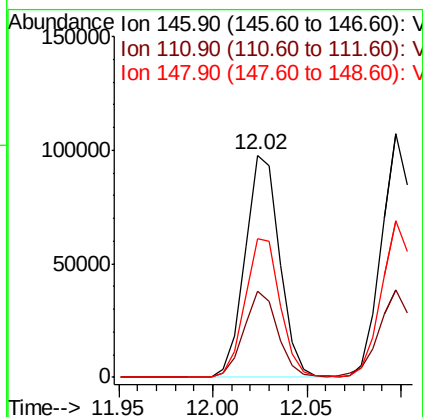
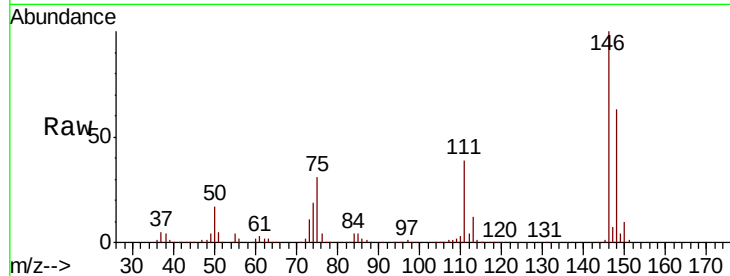




#87
 1,3-Dichlorobenzene
 Concen: 18.760 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

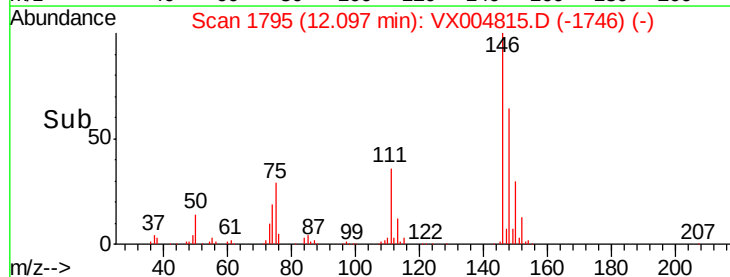
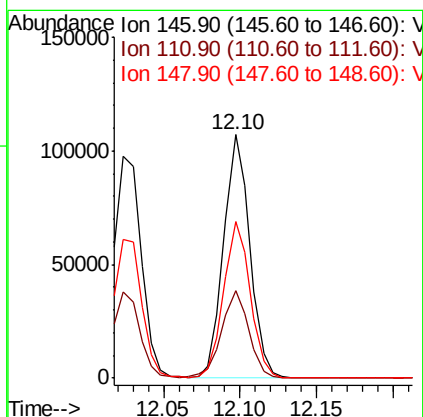
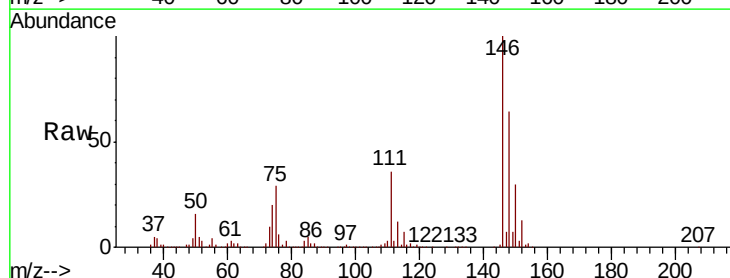
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

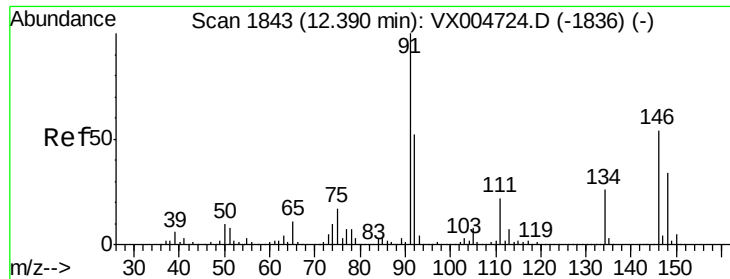
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	63.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.595 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	65.1	32.0	96.0





#89

n-Butylbenzene

Concen: 17.388 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004815.D

Acq: 28 Sep 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBS01

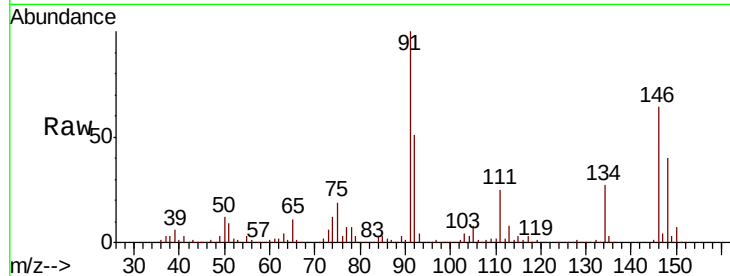
Tot Ion: 91 Resp: 175963

Ion Ratio Lower Upper

91 100

92 51.6 27.3 81.9

134 25.9 13.6 40.7

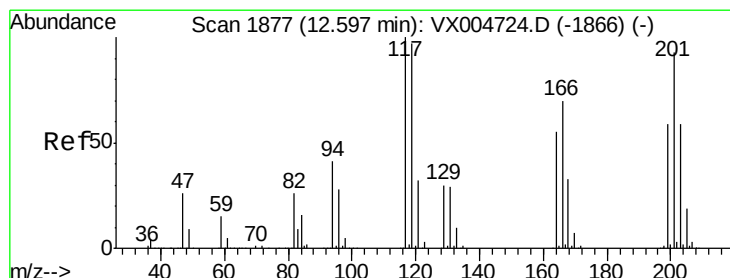
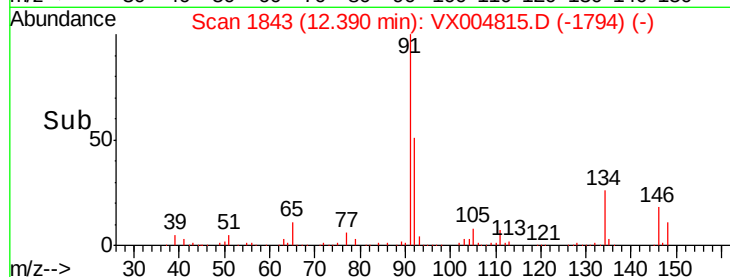
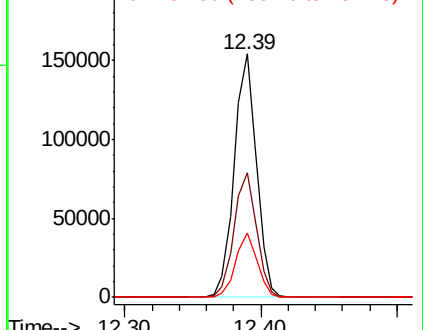


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.527 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX004815.D

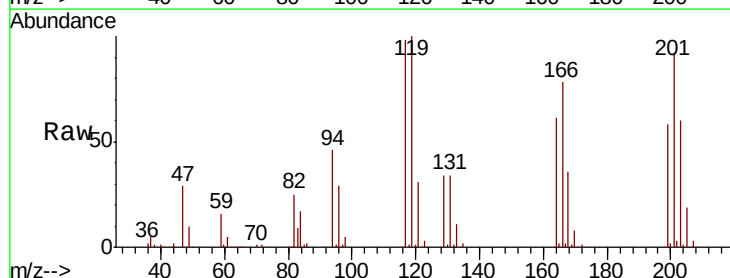
Acq: 28 Sep 2018 12:33

Tgt Ion: 117 Resp: 32516

Ion Ratio Lower Upper

117 100

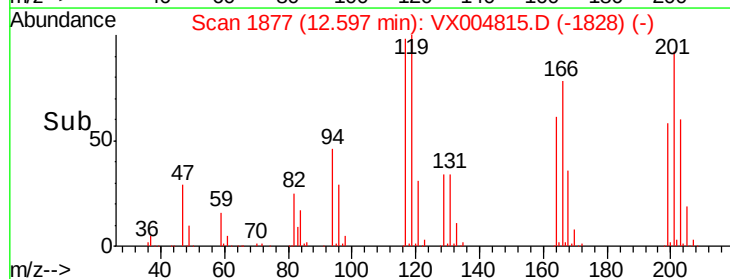
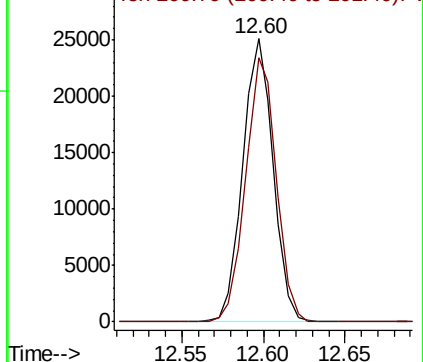
201 94.2 46.9 140.6

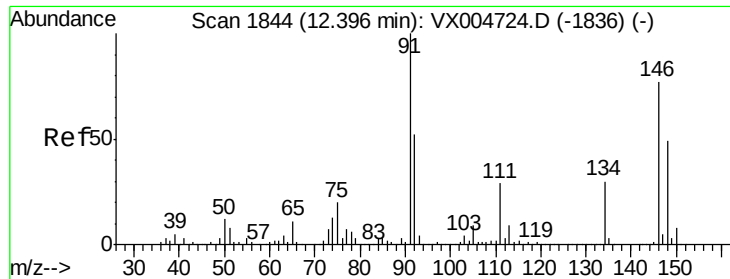


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

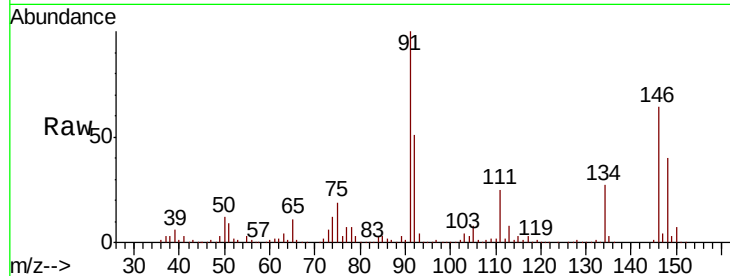




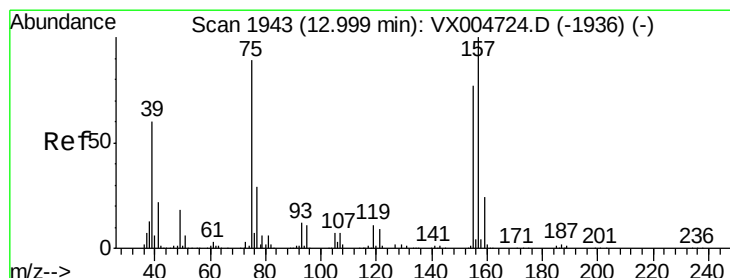
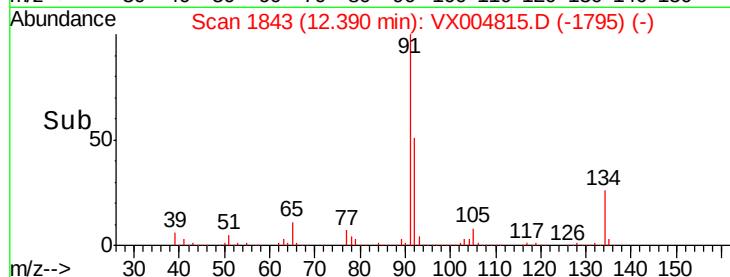
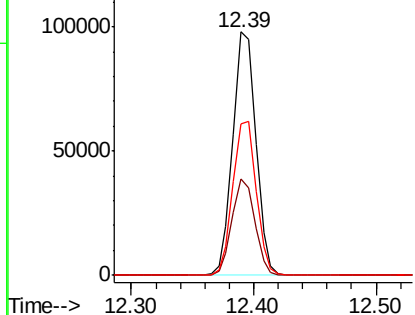
#91
 1,2-Dichlorobenzene
 Concen: 18.395 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Instrument :
 MSVOA_X
 ClientSampled :
 VX0928MBS01

Tot Ion:146 Resp: 127864
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.1
 148 64.2 32.8 98.3

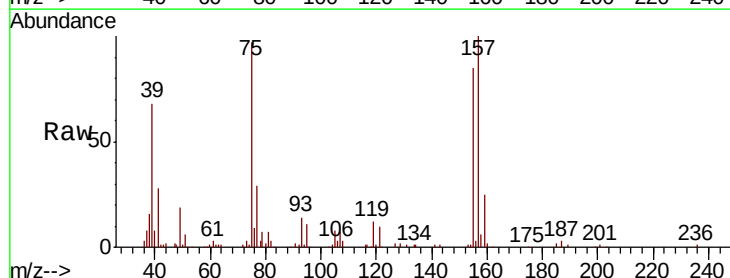


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

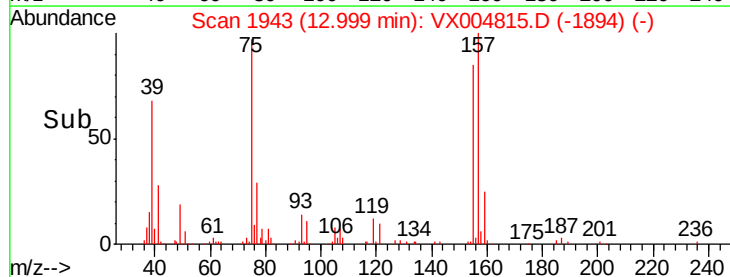
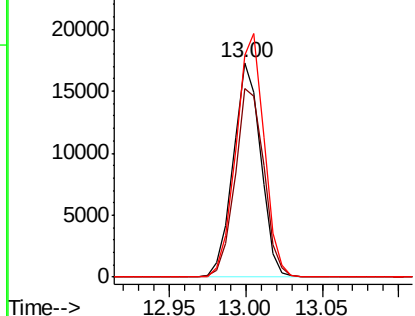


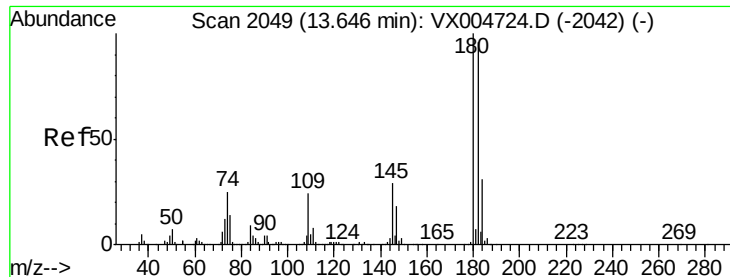
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.705 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Tgt Ion: 75 Resp: 21599
 Ion Ratio Lower Upper
 75 100
 155 91.7 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

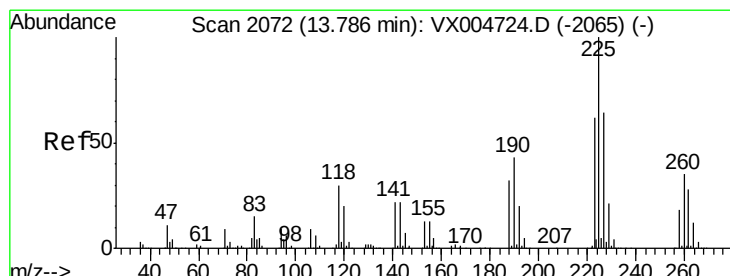
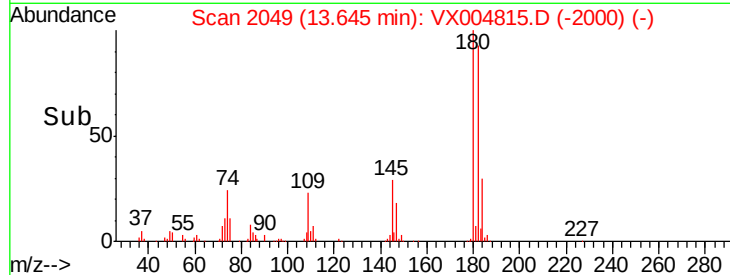
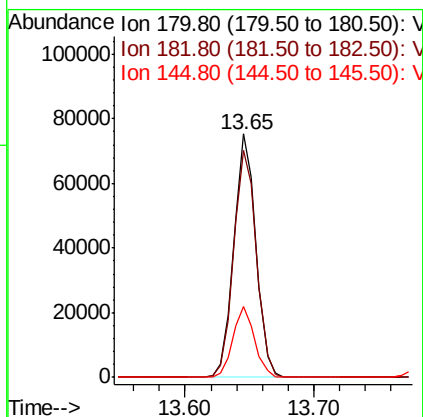
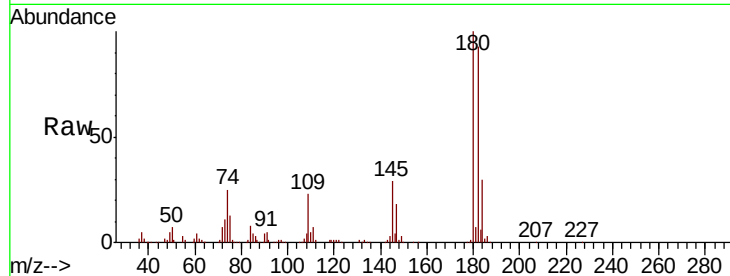




#93
 1,2,4-Trichlorobenzene
 Concen: 18.457 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

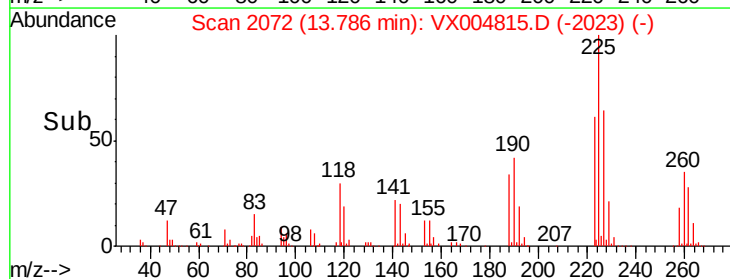
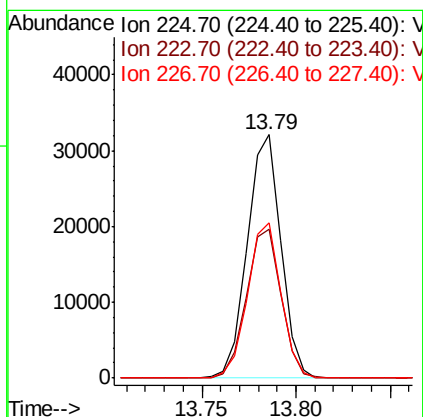
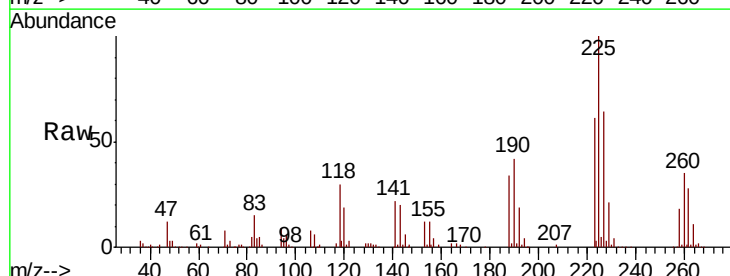
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

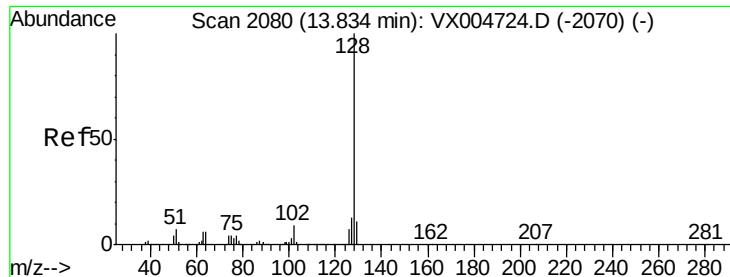
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.0
145	28.7	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 15.691 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004815.D
 Acq: 28 Sep 2018 12:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.1	90.5
227	63.3	30.8	92.4

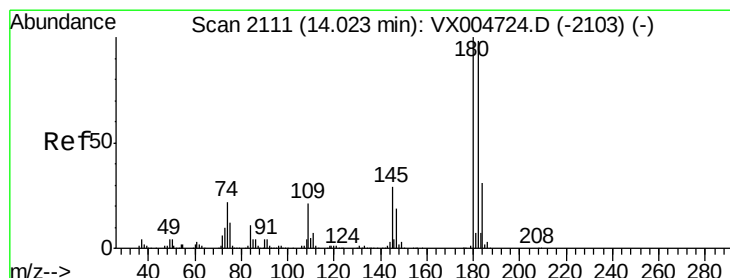
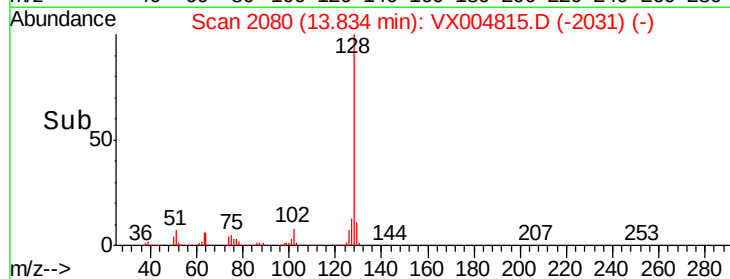
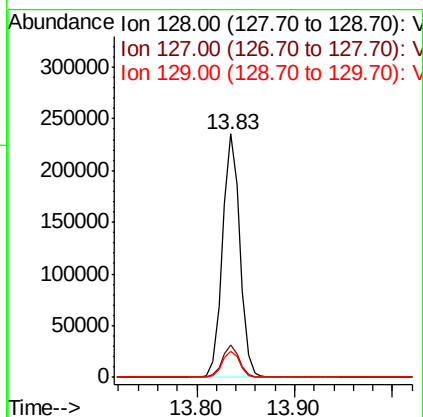
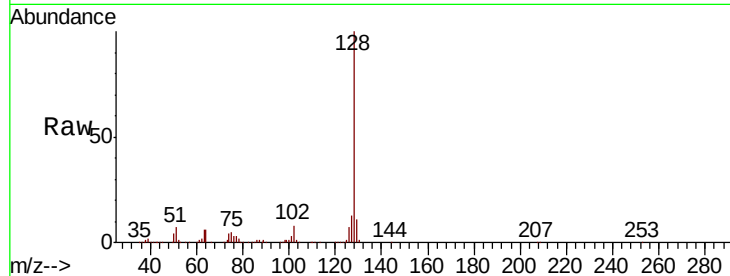




#95
Naphthalene
Concen: 18.318 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0928MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.907 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004815.D
Acq: 28 Sep 2018 12:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.5	145.6
145	29.2	14.9	44.9

