

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005421.D
 Acq On : 18 Oct 2018 11:17
 Operator : JC/MD
 Sample : VX1018MBS01
 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

Quant Time: Oct 19 03:29:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144750	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	5.50	113	119073	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	8.71	98	449286	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
62) 4-Bromofluorobenzene	11.14	95	165940	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37858	18.933	ug/l	96
3) Chloromethane	1.32	50	53511	18.469	ug/l	100
4) Vinyl Chloride	1.40	62	55182	18.801	ug/l	100
5) Bromomethane	1.64	94	32996	20.257	ug/l	98
6) Chloroethane	1.72	64	35565	19.522	ug/l	96
7) Trichlorofluoromethane	1.93	101	78870	20.137	ug/l	96
8) Diethyl Ether	2.19	74	33329	19.927	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46529	20.582	ug/l	96
10) Methyl Iodide	2.51	142	43823	19.288	ug/l	99
11) Tert butyl alcohol	3.07	59	83037	103.712	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44498	19.866	ug/l	98
13) Acrolein	2.29	56	35148	67.213	ug/l	96
14) Allyl chloride	2.73	41	96984	19.722	ug/l	96
15) Acrylonitrile	3.15	53	178078	98.151	ug/l	98
16) Acetone	2.45	43	167713	102.197	ug/l	99
17) Carbon Disulfide	2.57	76	119846	17.663	ug/l	99
18) Methyl Acetate	2.78	43	97471	20.877	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	166308	21.082	ug/l	98
20) Methylene Chloride	2.85	84	52421	21.168	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	47888	19.292	ug/l	100
22) Diisopropyl ether	3.87	45	158555	19.196	ug/l	92
23) Vinyl Acetate	3.82	43	689112	95.453	ug/l	97
24) 1,1-Dichloroethane	3.70	63	95778	20.233	ug/l	99
25) 2-Butanone	4.70	43	233135	97.095	ug/l	96
26) 2,2-Dichloropropane	4.58	77	70797	19.997	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51168	18.967	ug/l	93
28) Bromochloromethane	5.02	49	46582	21.586	ug/l	96
29) Tetrahydrofuran	5.15	42	144535	94.369	ug/l	94
30) Chloroform	5.21	83	87882	20.001	ug/l	99
31) Cyclohexane	5.57	56	72522	18.588	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	75956	19.867	ug/l	99
36) 1,1-Dichloropropene	5.80	75	62387	17.586	ug/l	98
37) Ethyl Acetate	4.85	43	81559	17.877	ug/l	98
38) Carbon Tetrachloride	5.78	117	66541	18.667	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	73204	19.066	ug/l	94
40) Benzene	6.14	78	192455	18.084	ug/l	100
41) Methacrylonitrile	5.06	41	46067	18.834	ug/l	96
42) 1,2-Dichloroethane	6.20	62	70067	18.646	ug/l	97
43) Isopropyl Acetate	6.46	43	125258	20.610	ug/l	96
44) Trichloroethene	7.21	130	54344	19.621	ug/l	97
45) 1,2-Dichloropropane	7.52	63	53057	20.324	ug/l	99
46) Dibromomethane	7.66	93	33514	19.452	ug/l	96
47) Bromodichloromethane	7.90	83	64209	20.147	ug/l	100
48) Methyl methacrylate	7.77	41	60987	19.348	ug/l	96
49) 1,4-Dioxane	7.75	88	28859	396.950	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	431053	102.434	ug/l	95
52) Toluene	8.79	92	123514	21.214	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	70242	20.366	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	77980	20.867	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51446	20.862	ug/l	96
56) Ethyl methacrylate	9.18	69	74386	20.692	ug/l	96
57) 1,3-Dichloropropane	9.37	76	85932	20.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	211827	105.066	ug/l	95
59) 2-Hexanone	9.49	43	342047	101.047	ug/l	94
60) Dibromochloromethane	9.59	129	53430	20.961	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53018	20.486	ug/l	99
64) Tetrachloroethene	9.34	164	56505	20.496	ug/l	98
65) Chlorobenzene	10.14	112	140683	19.313	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	51373	19.790	ug/l	99
67) Ethyl Benzene	10.25	91	230013	19.423	ug/l	97
68) m/p-Xylenes	10.36	106	182363	39.676	ug/l	96
69) o-Xylene	10.70	106	86384	19.487	ug/l	96
70) Styrene	10.71	104	144220	19.780	ug/l	97
71) Bromoform	10.86	173	43939	18.941	ug/l #	100
73) Isopropylbenzene	11.02	105	239864	20.975	ug/l	100
74) N-amyl acetate	10.90	43	105383	19.106	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	81689	18.936	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	95443	25.579	ug/l	87
77) Bromobenzene	11.26	156	66057	20.202	ug/l	99
78) n-propylbenzene	11.36	91	271068	20.599	ug/l	99
79) 2-Chlorotoluene	11.42	91	162164	20.121	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	203402	20.771	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	22495	18.318	ug/l	97
82) 4-Chlorotoluene	11.51	91	193181	20.221	ug/l	99
83) tert-Butylbenzene	11.77	119	201211	20.290	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	207987	20.638	ug/l	99
85) sec-Butylbenzene	11.94	105	244440	20.829	ug/l	99
86) p-Isopropyltoluene	12.07	119	221698	20.901	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	120125	19.661	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122794	19.645	ug/l	98
89) n-Butylbenzene	12.39	91	188512	19.574	ug/l	98
90) Hexachloroethane	12.60	117	33620	18.391	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	120902	19.391	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19502	18.533	ug/l	97

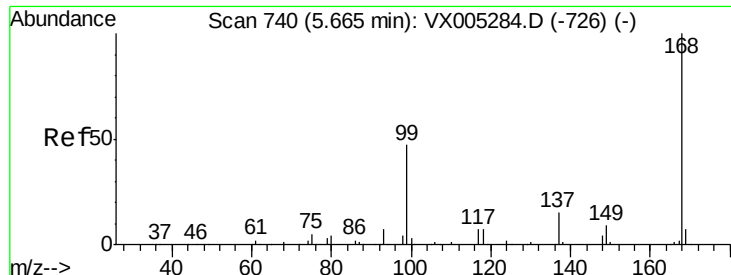
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101818\
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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92663	20.257	ug/l	97
94) Hexachlorobutadiene	13.79	225	47243	19.554	ug/l	95
95) Naphthalene	13.83	128	268257	20.221	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	94848	20.264	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

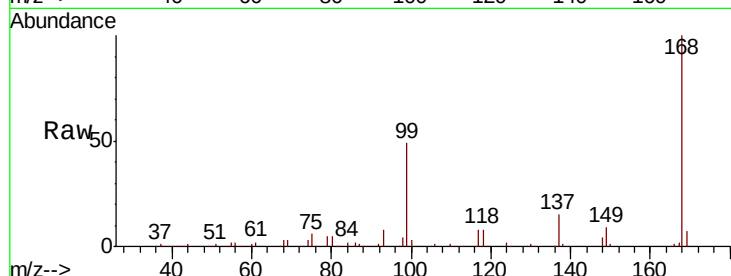
VX1018MBS01

Tot Ion:168 Resp: 255740

Ion Ratio Lower Upper

168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

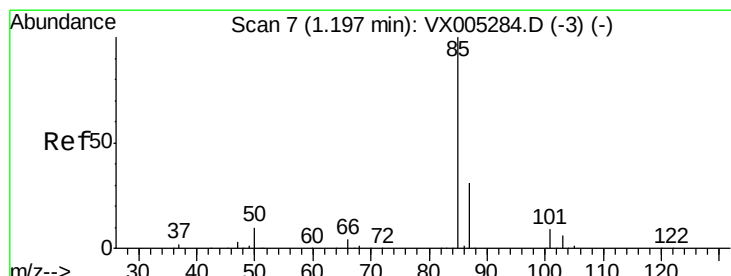
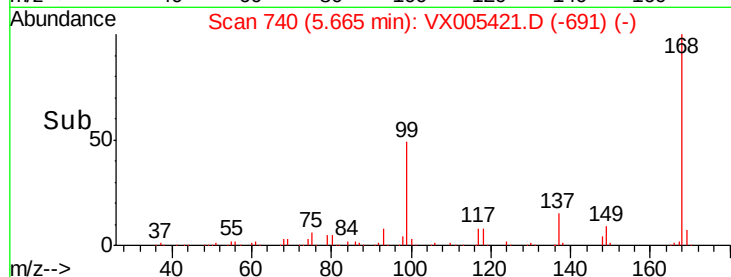
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.933 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005421.D

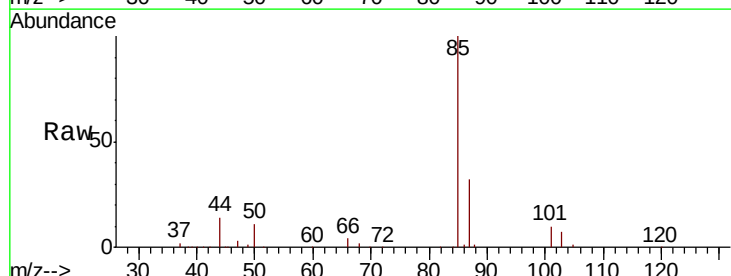
Acq: 18 Oct 2018 11:17

Tgt Ion: 85 Resp: 37858

Ion Ratio Lower Upper

85 100

87 31.8 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

40000

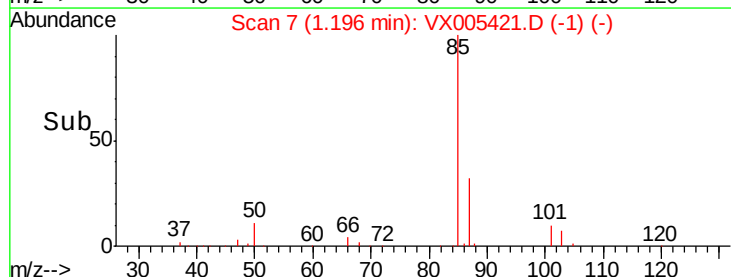
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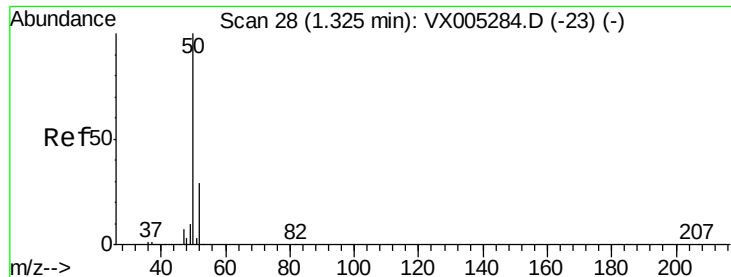
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.469 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

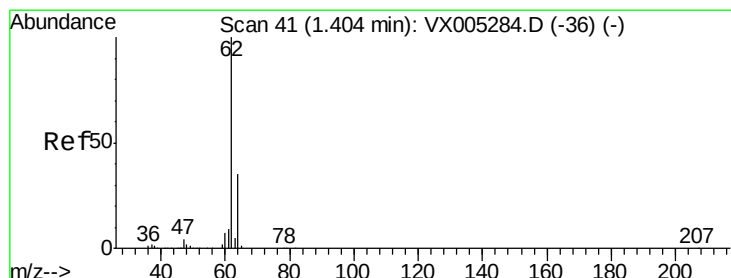
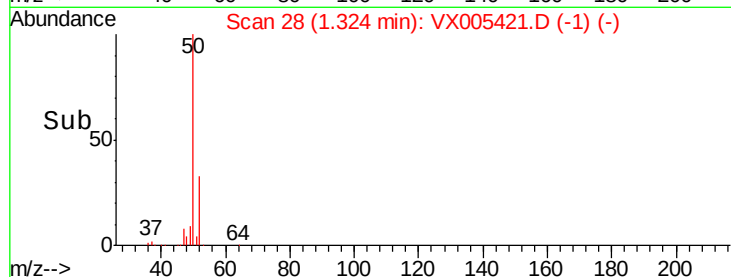
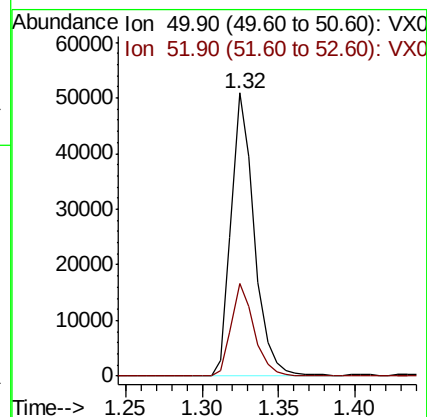
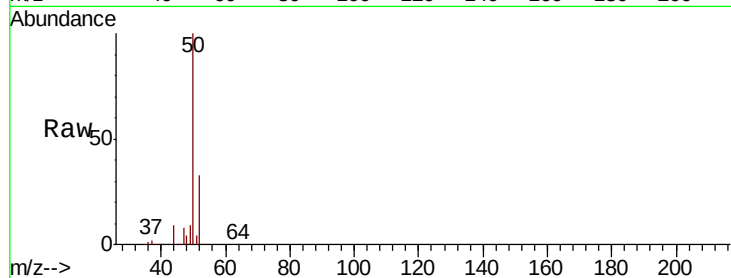
VX1018MBS01

Tot Ion: 50 Resp: 53511

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 18.801 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005421.D

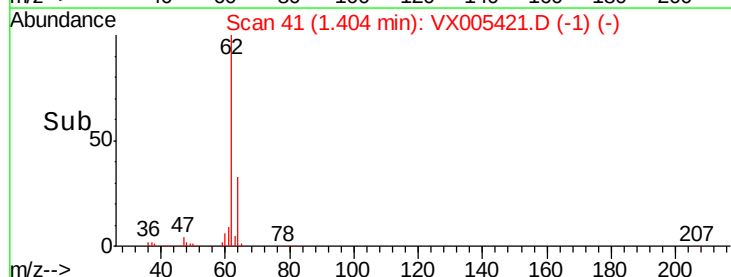
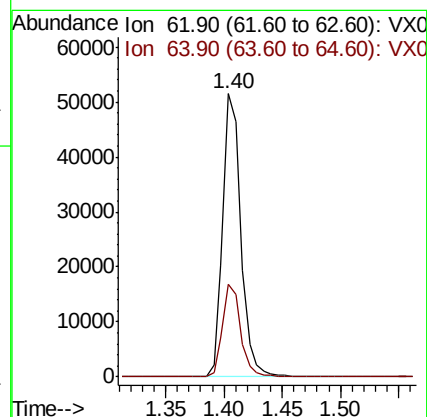
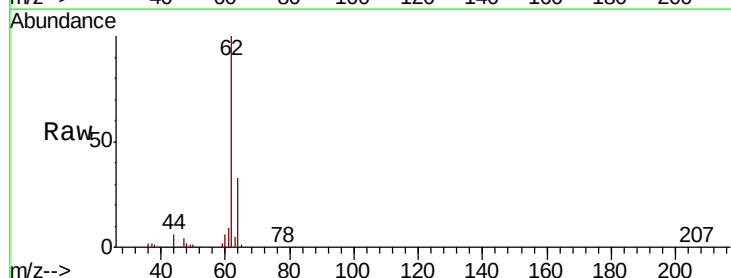
Acq: 18 Oct 2018 11:17

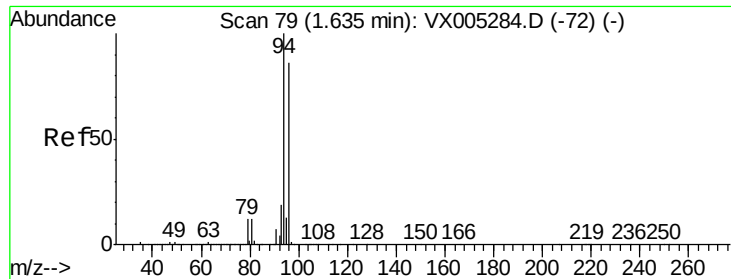
Tgt Ion: 62 Resp: 55182

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8





#5

Bromomethane

Concen: 20.257 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

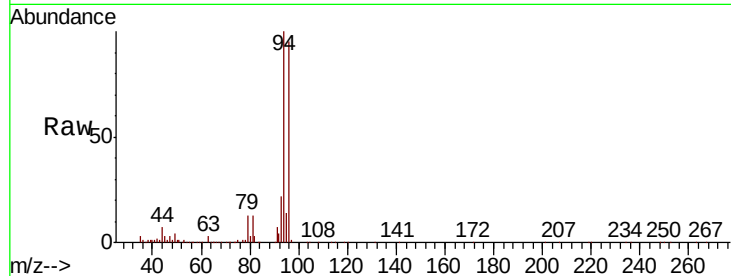
VX1018MBS01

Tot Ion: 94 Resp: 32996

Ion Ratio Lower Upper

94 100

96 95.4 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

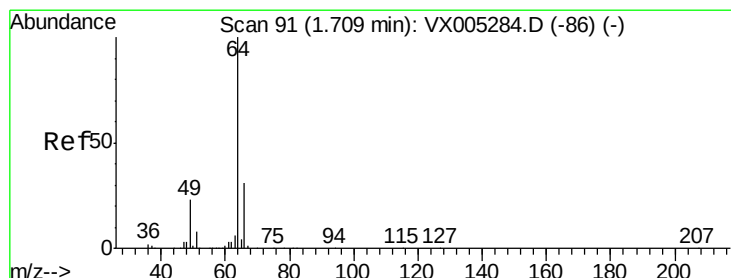
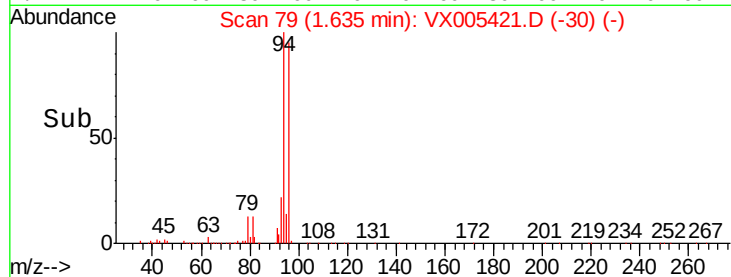
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 19.522 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005421.D

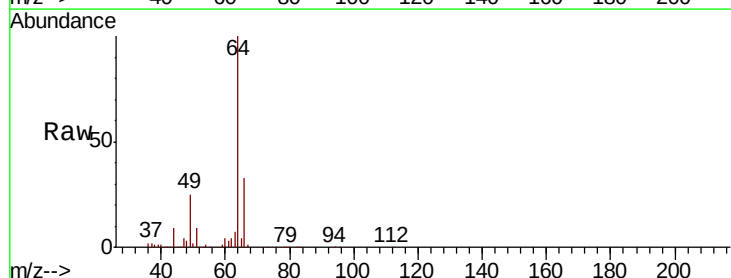
Acq: 18 Oct 2018 11:17

Tgt Ion: 64 Resp: 35565

Ion Ratio Lower Upper

64 100

66 32.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

25000

20000

15000

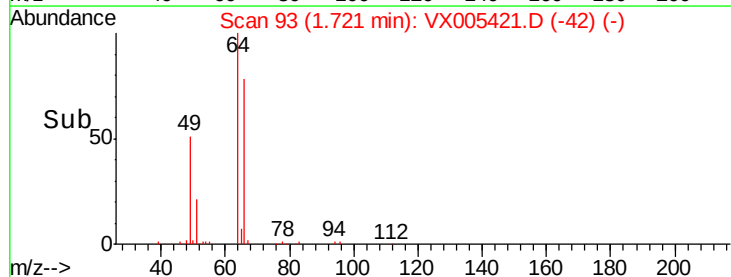
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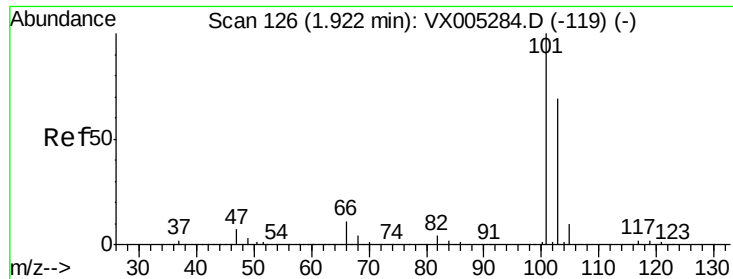
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



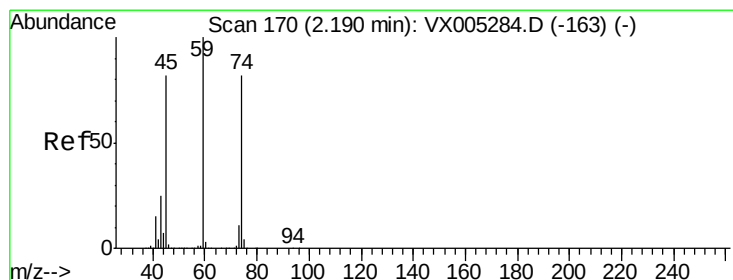
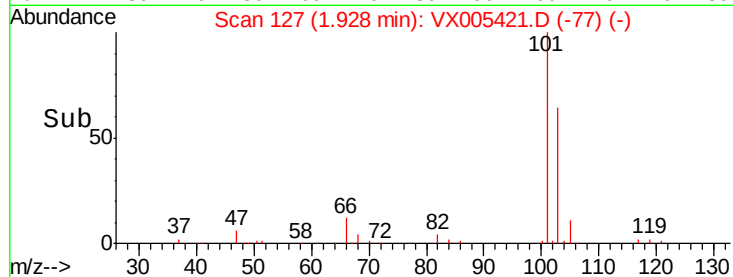
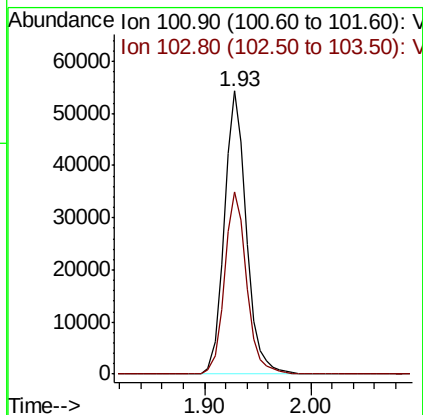
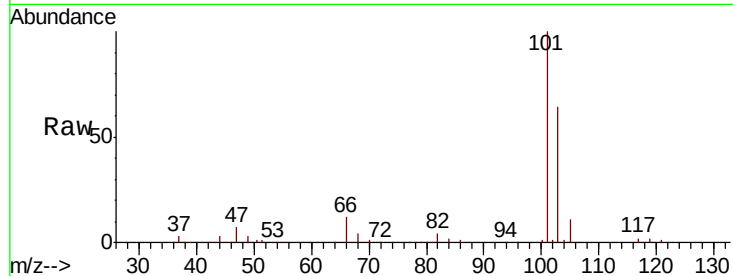


#7

Trichlorofluoromethane
 Concen: 20.137 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

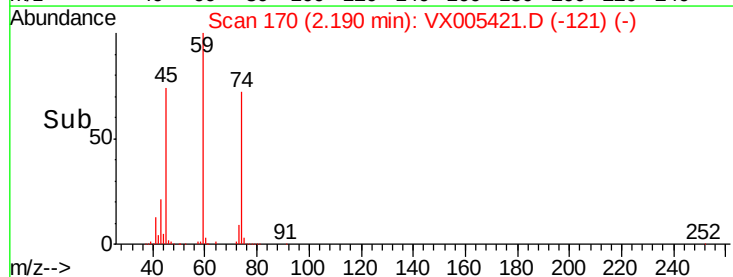
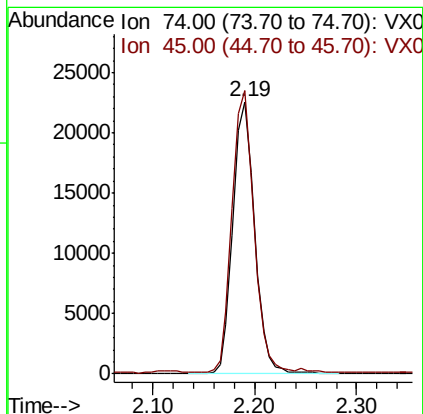
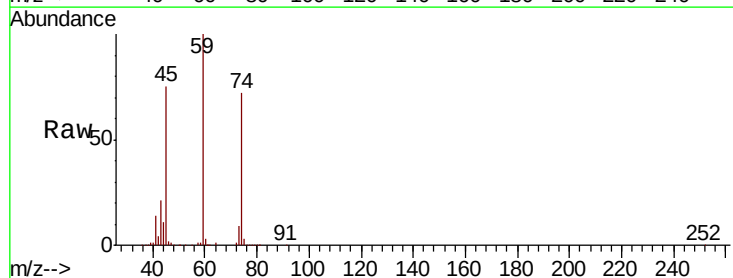
Tot Ion:101 Resp: 78870
 Ion Ratio Lower Upper
 101 100
 103 64.2 48.9 73.3

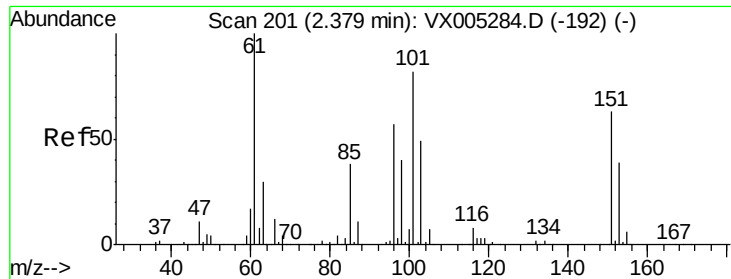


#8

Diethyl Ether
 Concen: 19.927 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Tgt Ion: 74 Resp: 33329
 Ion Ratio Lower Upper
 74 100
 45 104.1 48.3 144.8

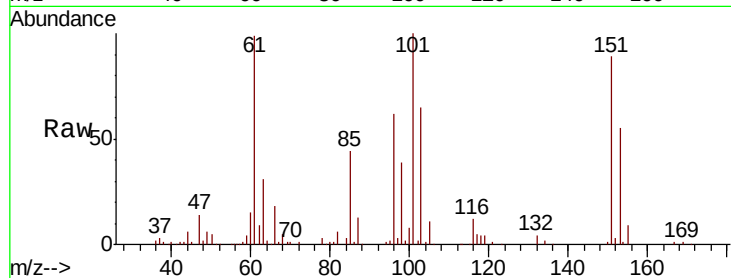




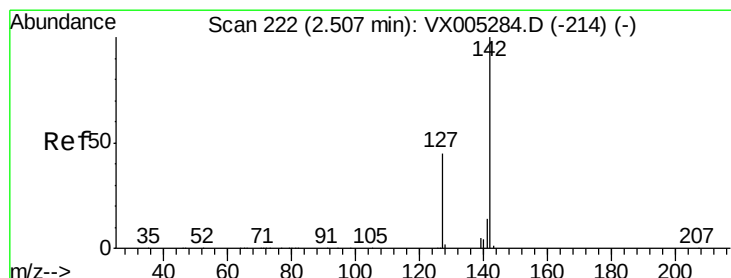
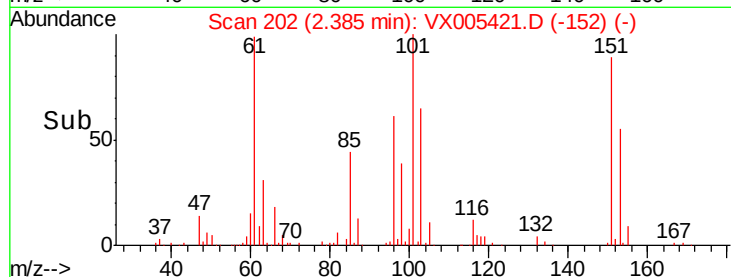
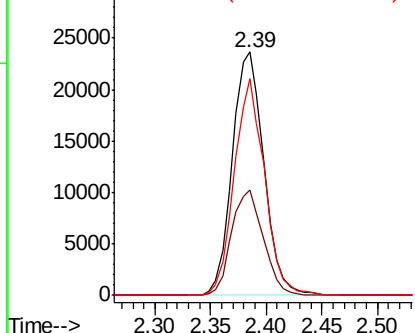
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.582 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.01 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

Tot Ion:101 Resp: 46529
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.2 51.4
 151 85.5 65.0 97.6

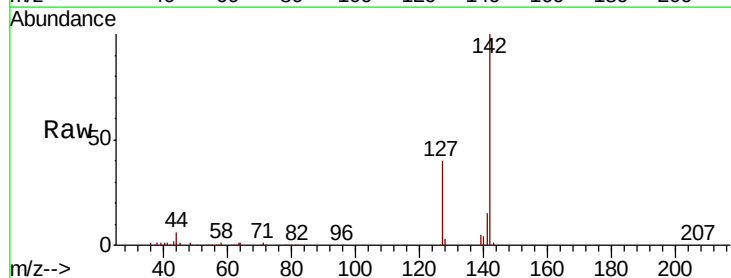


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

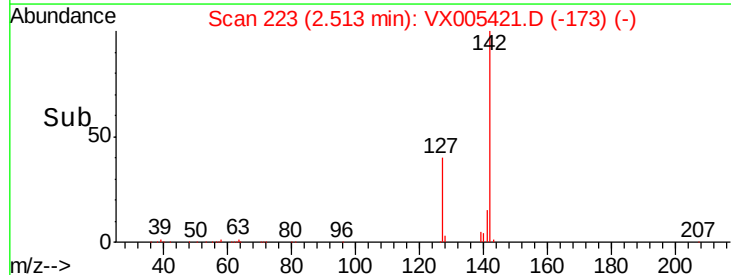
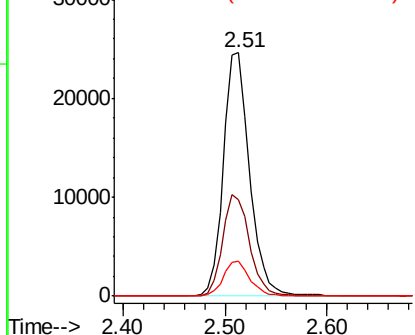


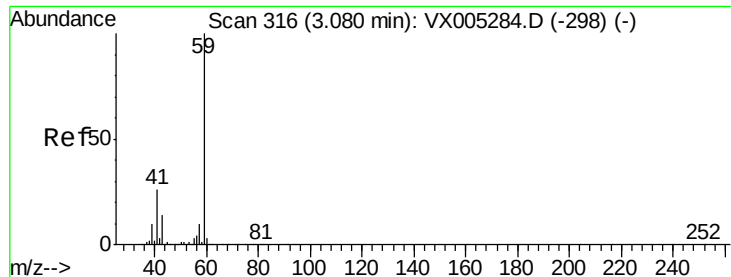
#10
 Methyl Iodide
 Concen: 19.288 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Tgt Ion:142 Resp: 43823
 Ion Ratio Lower Upper
 142 100
 127 43.0 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

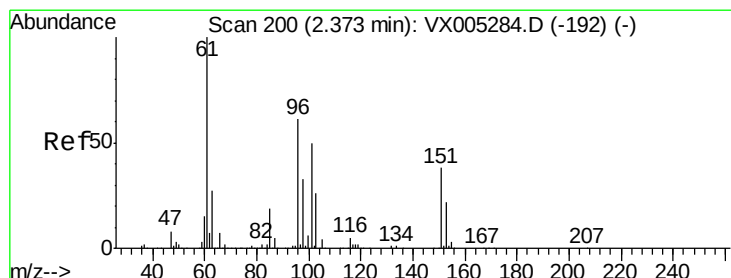
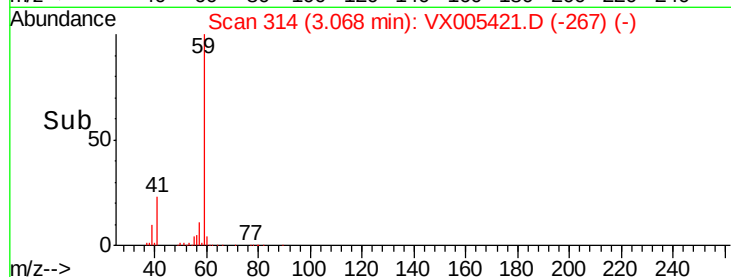
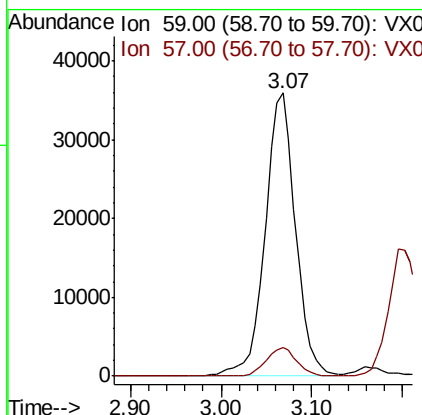
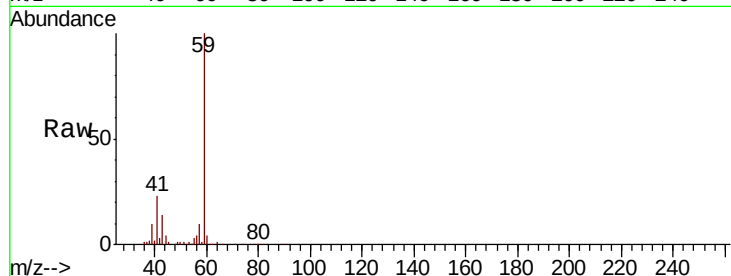




#11
Tert butyl alcohol
Concen: 103.712 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

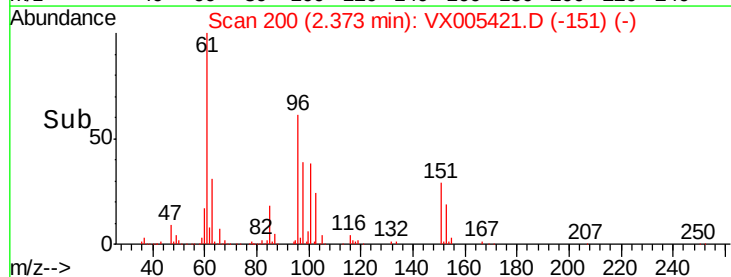
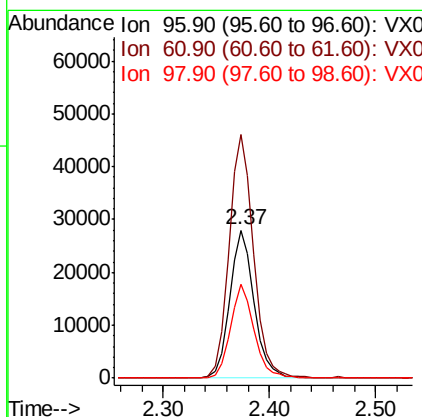
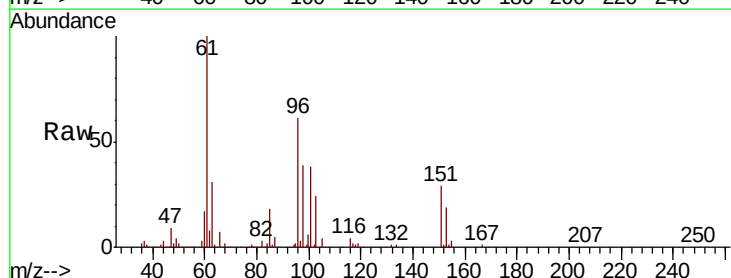
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

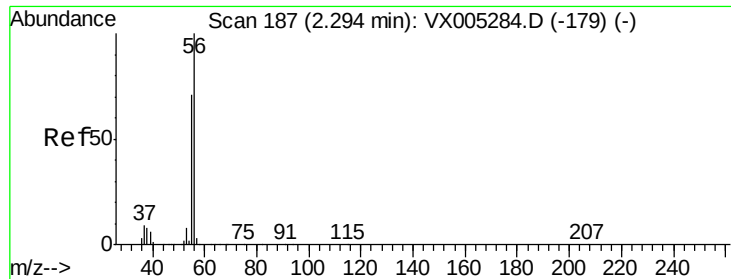
Tot Ion: 59 Resp: 83037
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.866 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion: 96 Resp: 44498
Ion Ratio Lower Upper
96 100
61 164.3 128.8 193.2
98 63.3 52.2 78.2





#13

Acrolein

Concen: 67.213 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

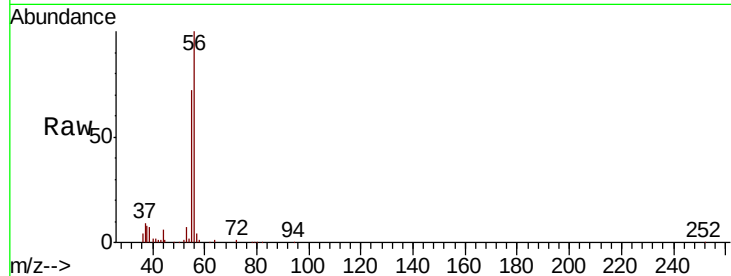
VX1018MBS01

Tot Ion: 56 Resp: 35148

Ion Ratio Lower Upper

56 100

55 72.0 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

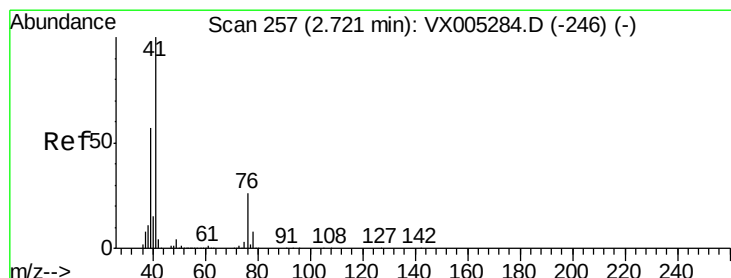
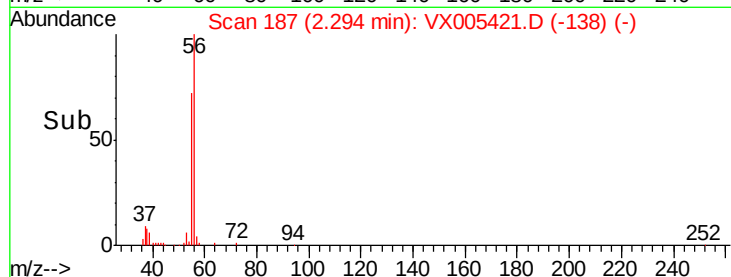
10000

5000

0

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 19.722 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

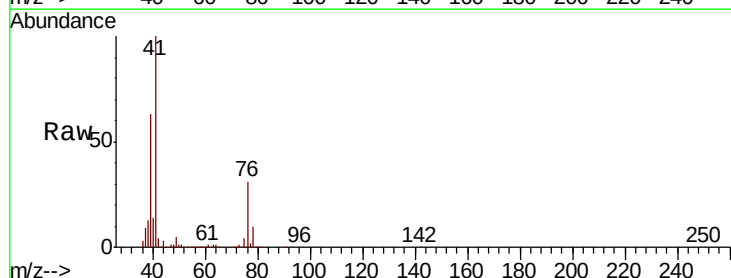
Tgt Ion: 41 Resp: 96984

Ion Ratio Lower Upper

41 100

39 59.5 48.9 73.3

76 29.6 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

60000

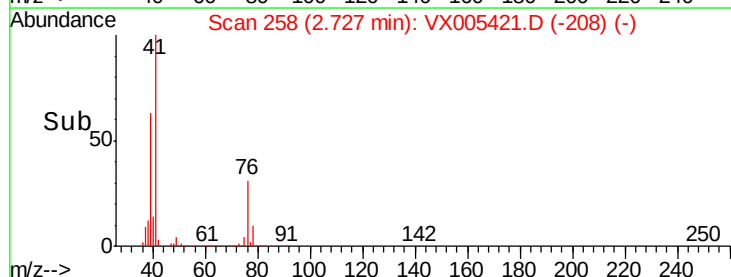
40000

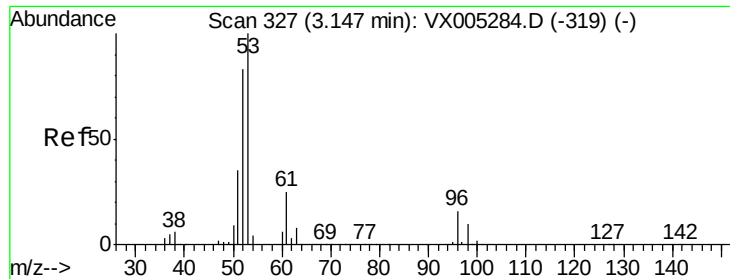
20000

0

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 98.151 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

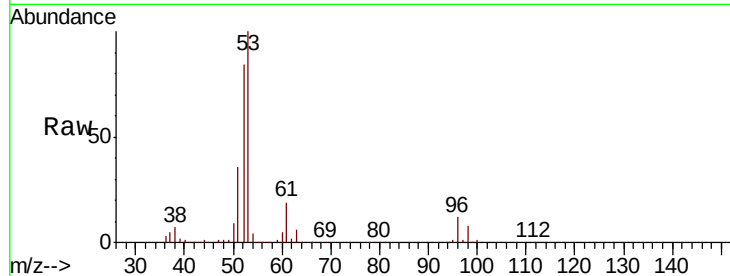
Tot Ion: 53 Resp: 178078

Ion Ratio Lower Upper

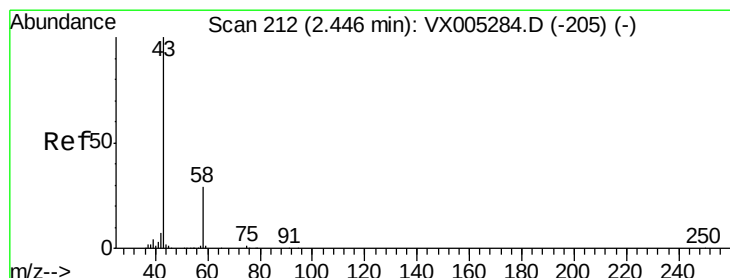
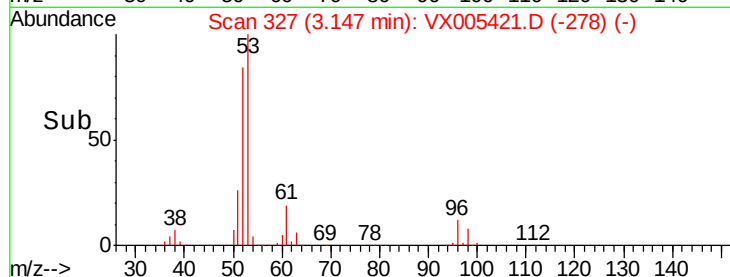
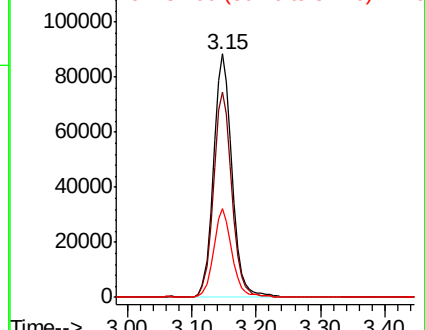
53 100

52 83.7 65.2 97.8

51 35.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 102.197 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005421.D

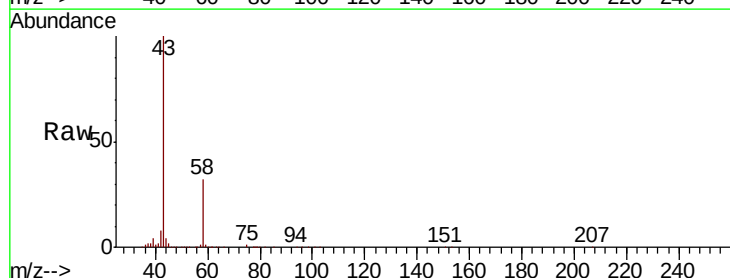
Acq: 18 Oct 2018 11:17

Tgt Ion: 43 Resp: 167713

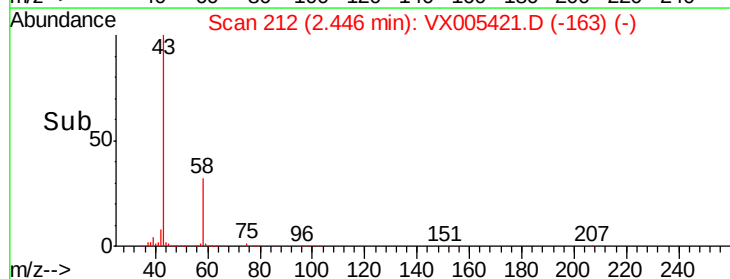
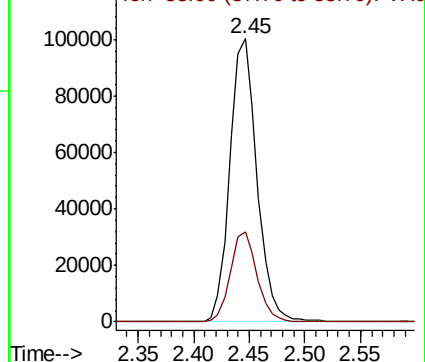
Ion Ratio Lower Upper

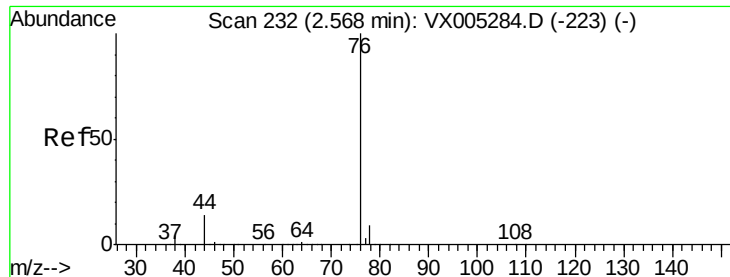
43 100

58 32.0 26.2 39.4



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

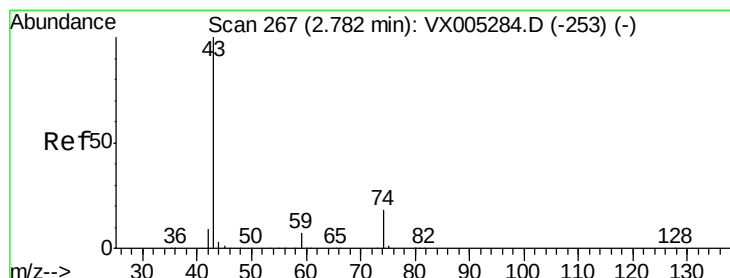
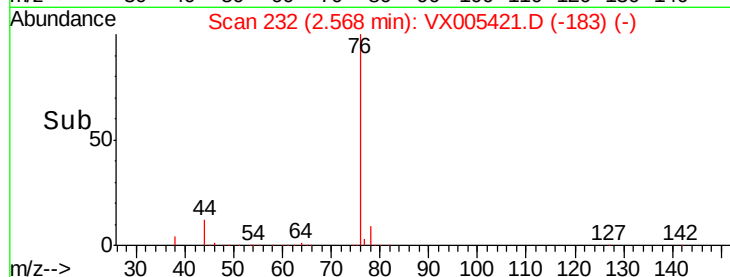
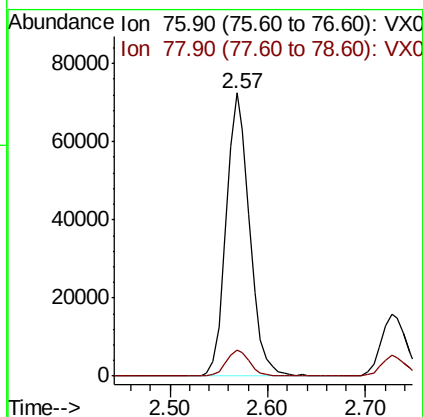
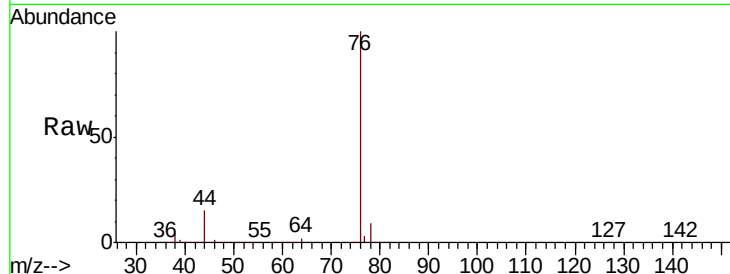




#17
Carbon Disulfide
Concen: 17.663 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

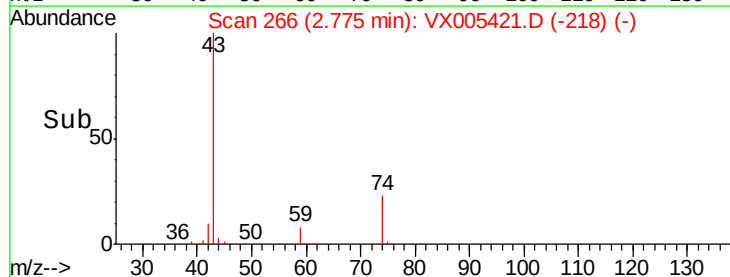
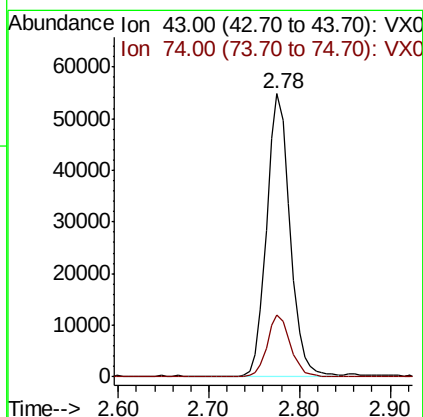
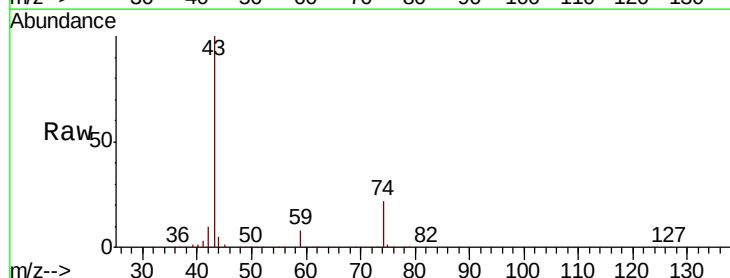
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

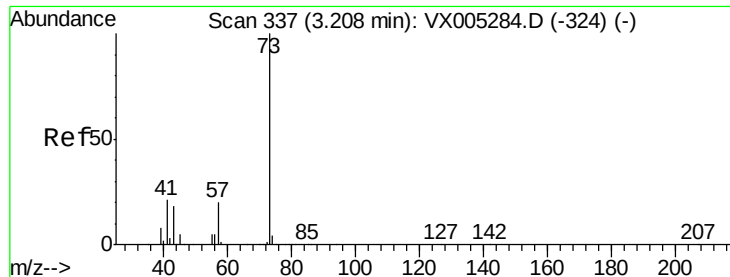
Tot Ion: 76 Resp: 119846
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 20.877 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion: 43 Resp: 97471
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2

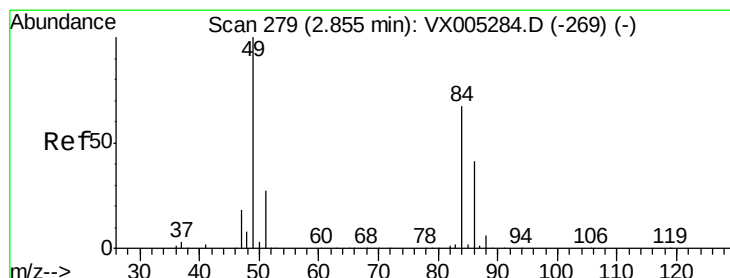
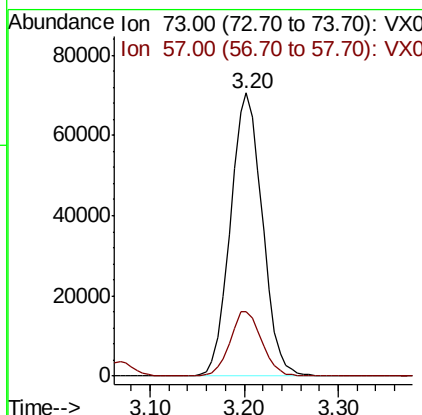
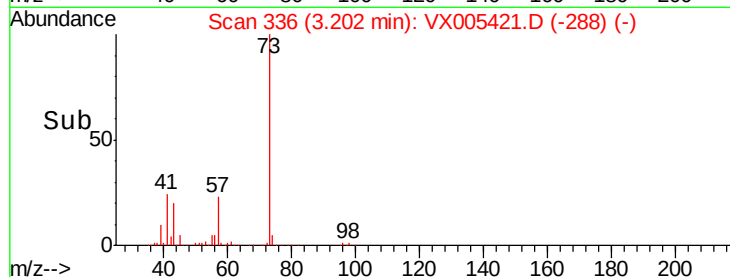
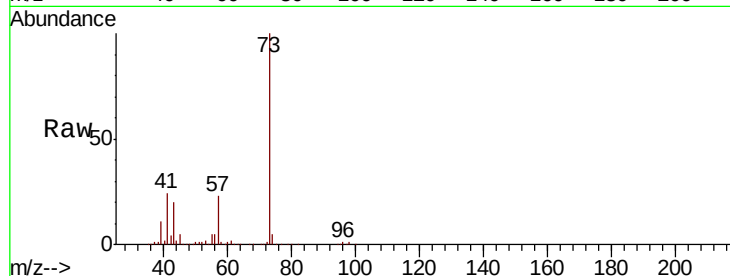




#19
Methyl tert-butyl Ether
Concen: 21.082 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

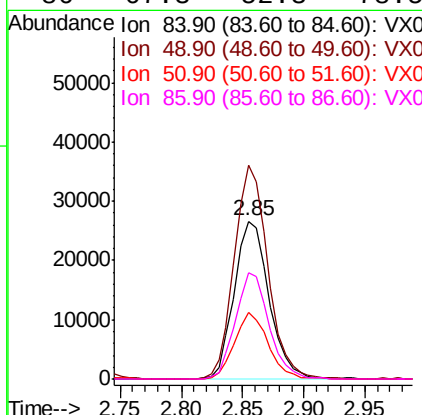
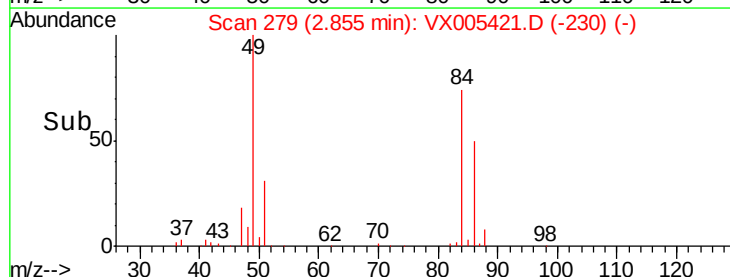
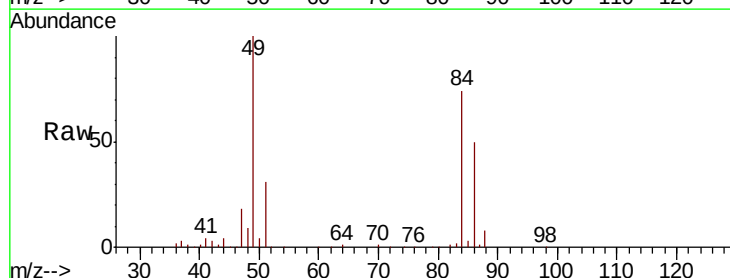
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

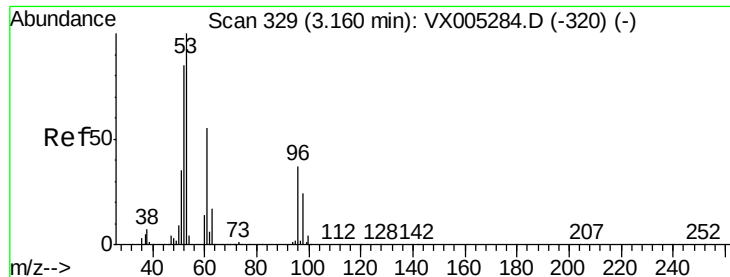
Tot Ion: 73 Resp: 166308
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 21.168 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion: 84 Resp: 52421
Ion Ratio Lower Upper
84 100
49 135.5 101.2 151.8
51 42.0 29.5 44.3
86 67.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.292 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

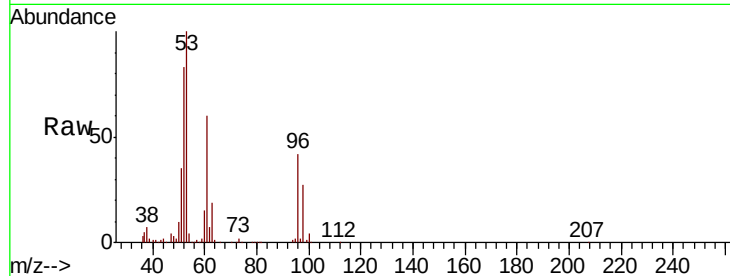
Tot Ion: 96 Resp: 47888

Ion Ratio Lower Upper

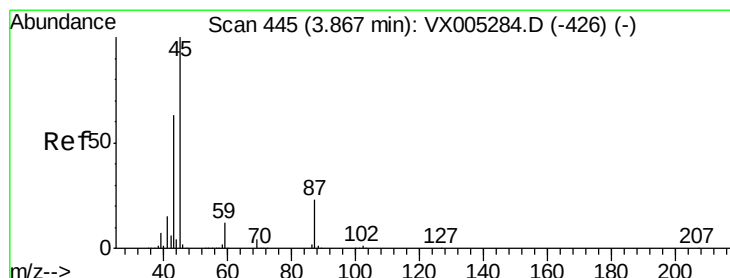
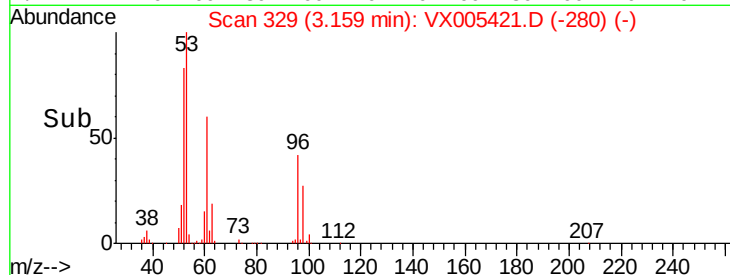
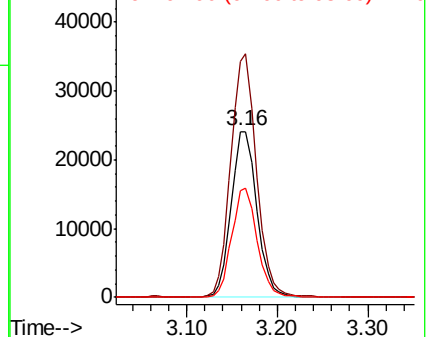
96 100

61 142.4 113.8 170.6

98 64.2 51.8 77.8



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



#22

Diisopropyl ether

Concen: 19.196 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Tgt Ion: 45 Resp: 158555

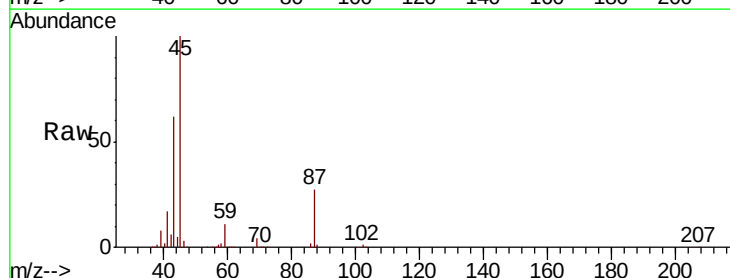
Ion Ratio Lower Upper

45 100

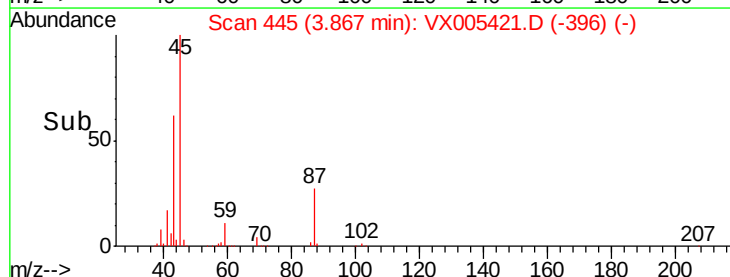
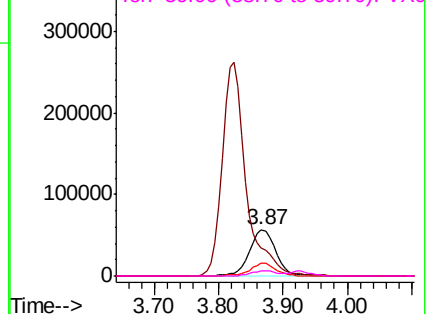
43 61.9 42.8 64.2

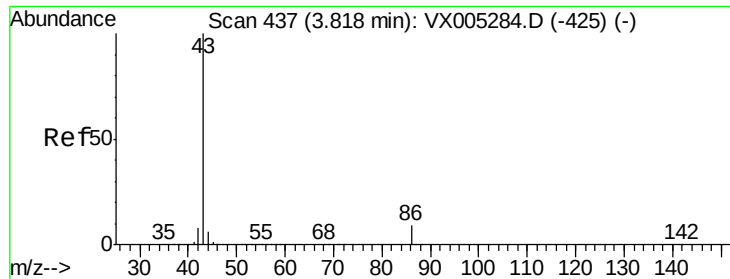
87 26.6 22.6 34.0

59 10.9 9.6 14.4



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





#23

Vinyl Acetate

Concen: 95.453 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

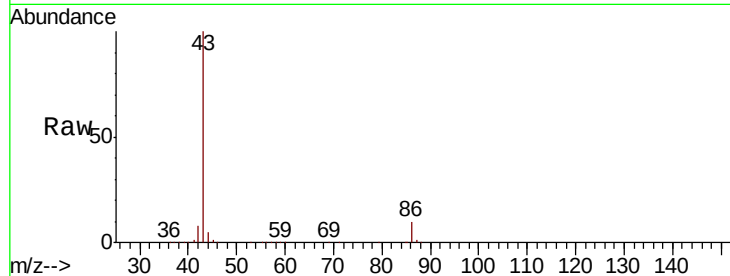
VX1018MBS01

Tot Ion: 43 Resp: 689112

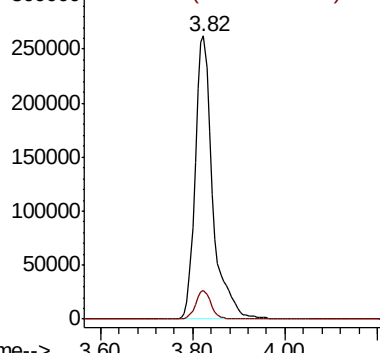
Ion Ratio Lower Upper

43 100

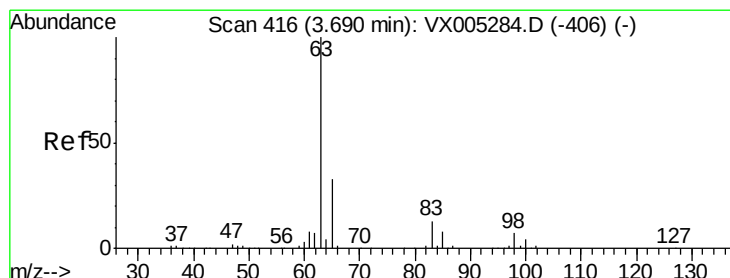
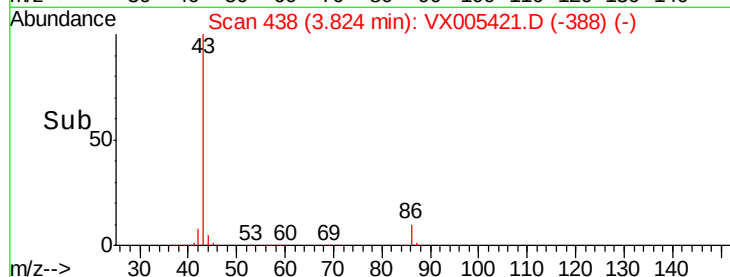
86 10.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 20.233 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

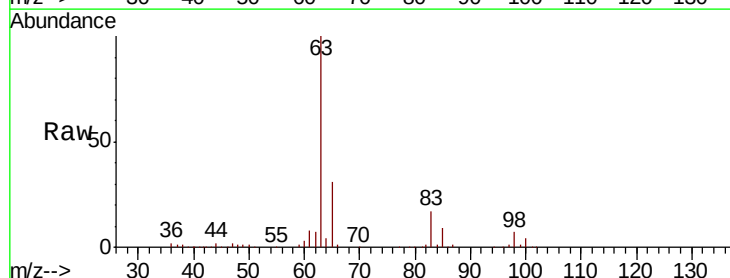
Tgt Ion: 63 Resp: 95778

Ion Ratio Lower Upper

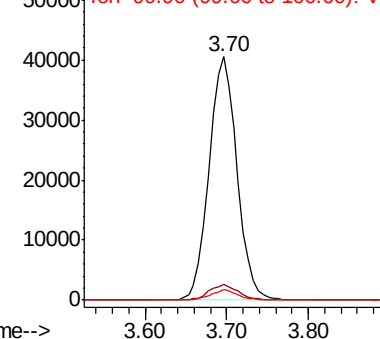
63 100

98 6.6 3.5 10.4

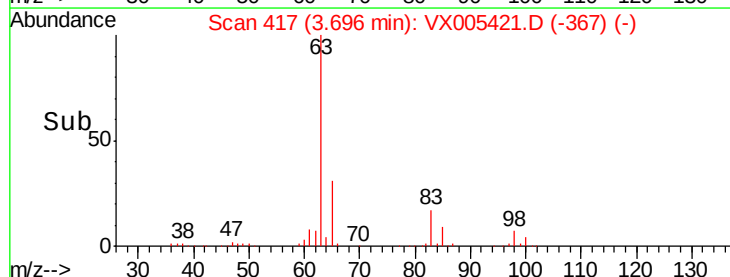
100 4.2 2.4 7.1

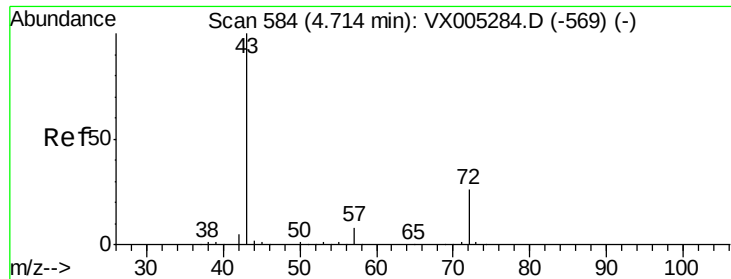


Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 97.095 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

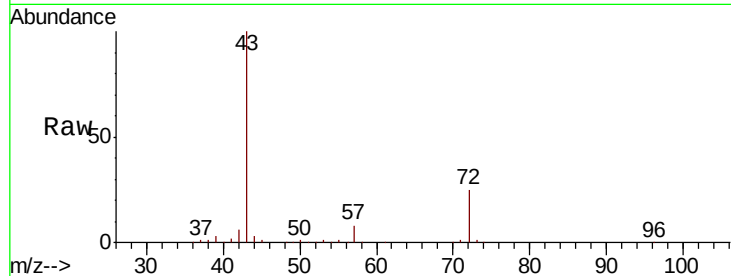
VX1018MBS01

Tot Ion: 43 Resp: 233135

Ion Ratio Lower Upper

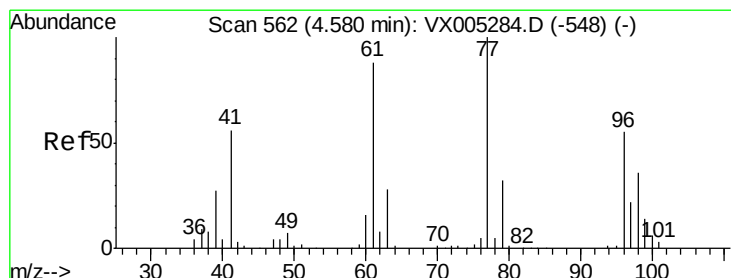
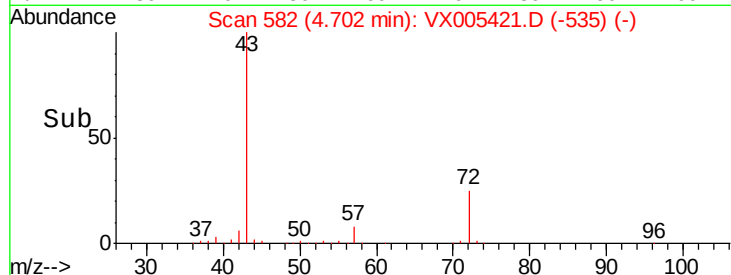
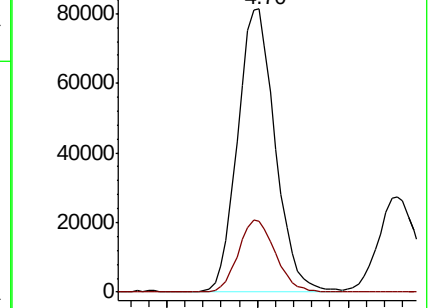
43 100

72 25.2 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: 19.997 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005421.D

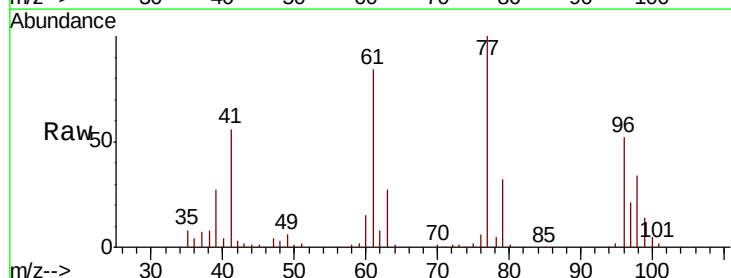
Acq: 18 Oct 2018 11:17

Tgt Ion: 77 Resp: 70797

Ion Ratio Lower Upper

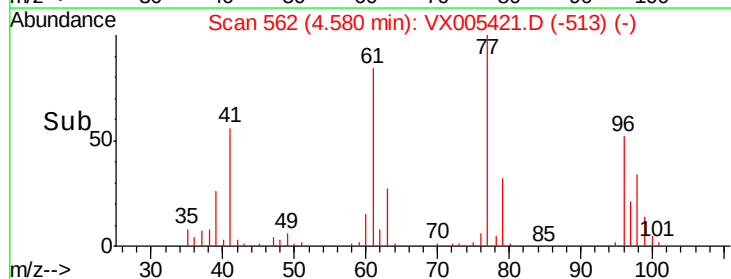
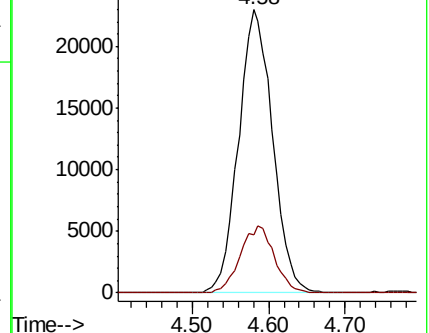
77 100

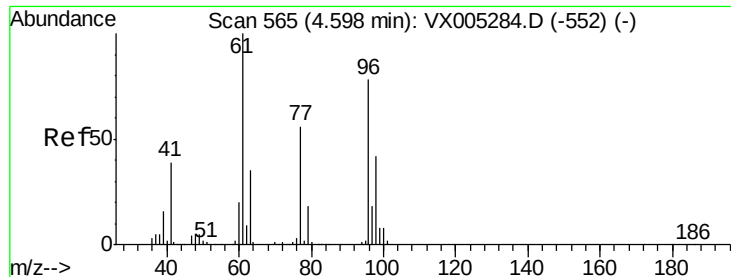
97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



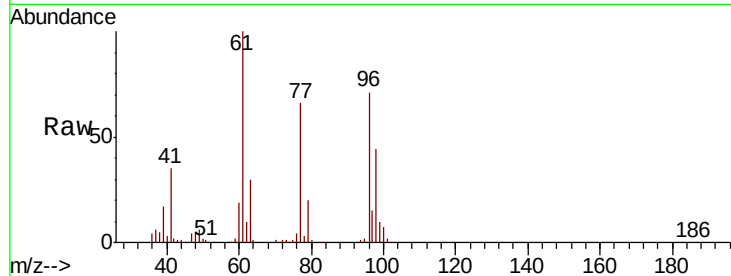


#27

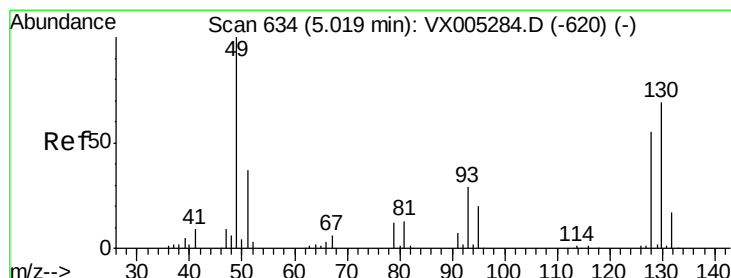
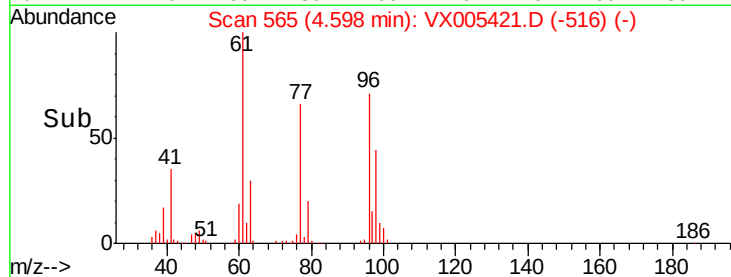
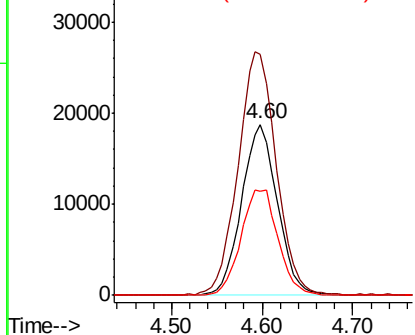
cis-1,2-Dichloroethene
 Concen: 18.967 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	282.6
98	64.3	0.0	130.2



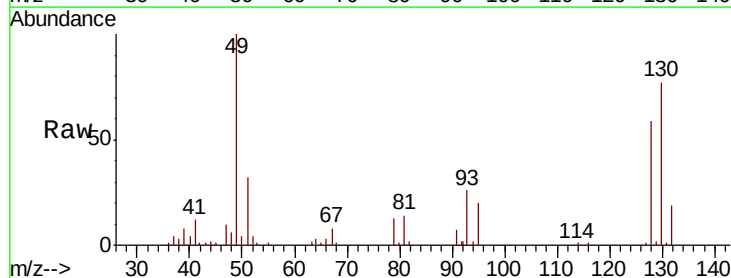
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



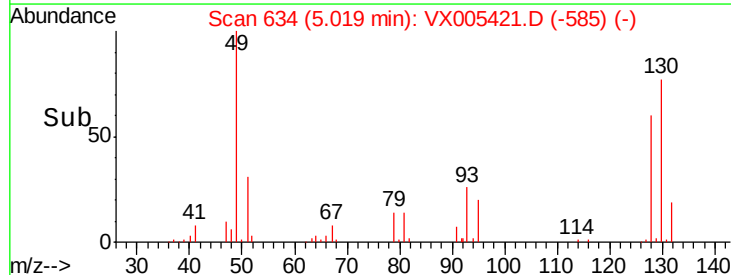
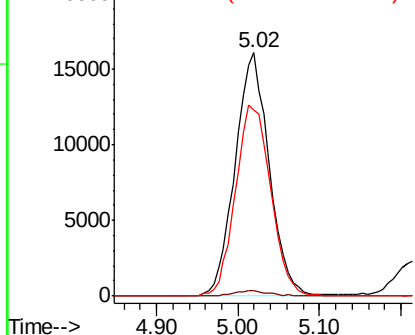
#28

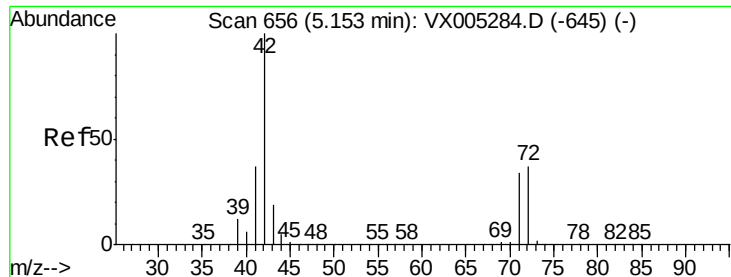
Bromochloromethane
 Concen: 21.586 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	81.1	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

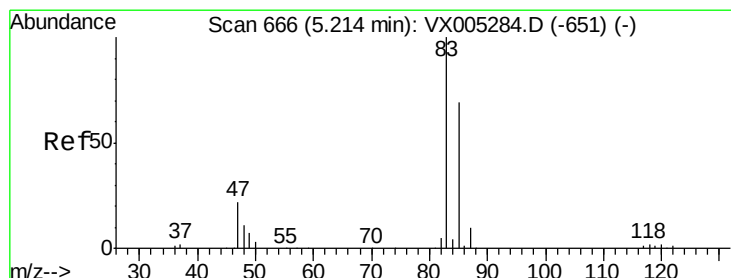
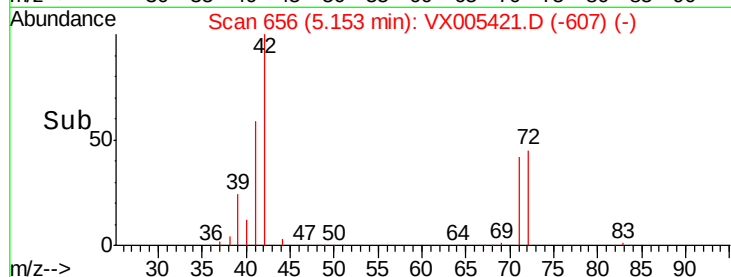
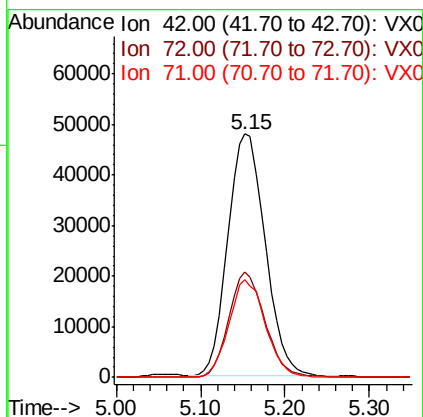
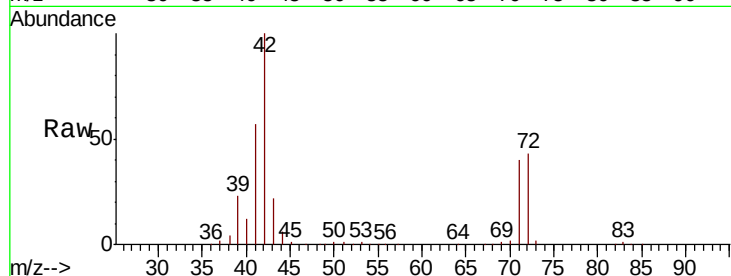




#29
Tetrahydrofuran
Concen: 94.369 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

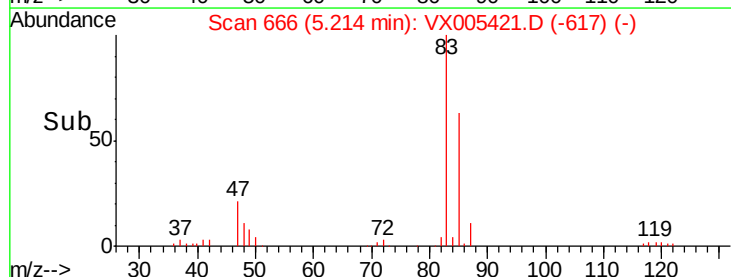
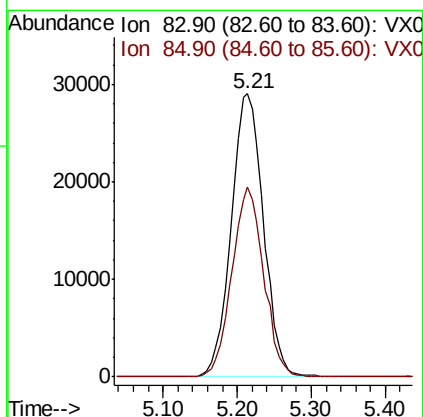
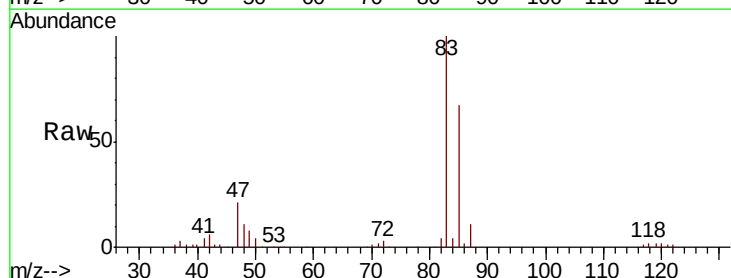
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

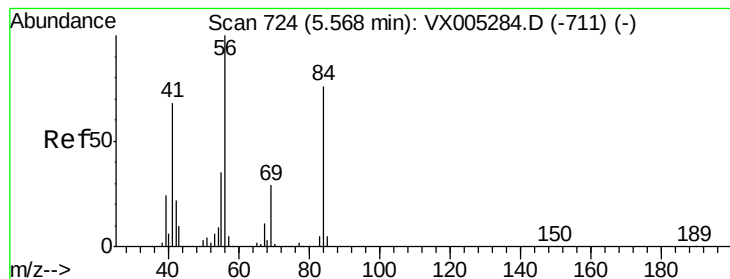
Tot Ion: 42 Resp: 144535
Ion Ratio Lower Upper
42 100
72 42.2 37.4 56.0
71 39.3 34.5 51.7



#30
Chloroform
Concen: 20.001 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion: 83 Resp: 87882
Ion Ratio Lower Upper
83 100
85 67.0 52.6 79.0





#31

Cyclohexane

Concen: 18.588 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

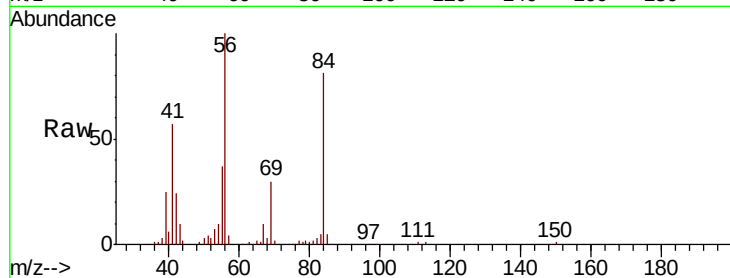
Tot Ion: 56 Resp: 72522

Ion Ratio Lower Upper

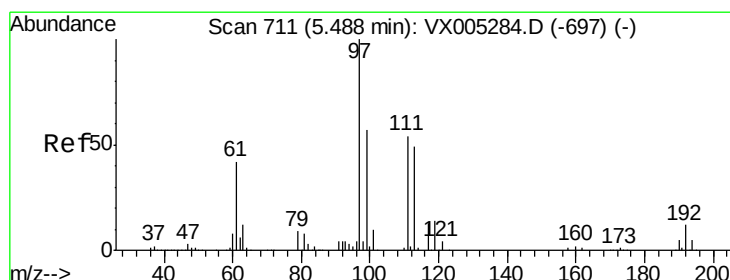
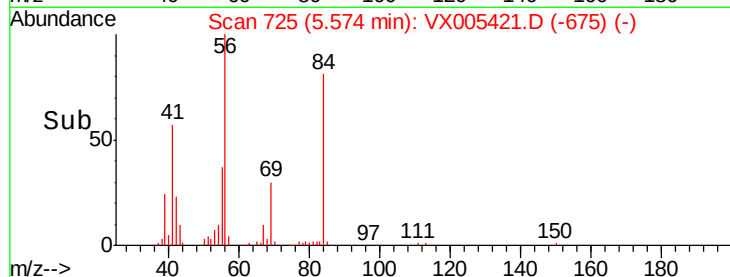
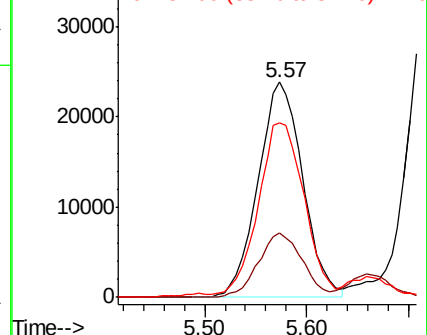
56 100

69 29.9 25.4 38.2

84 79.9 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: 19.867 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

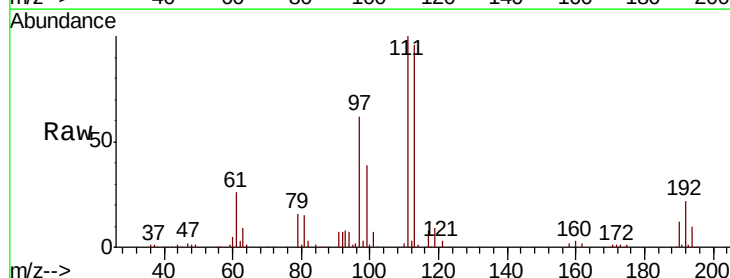
Tgt Ion: 97 Resp: 75956

Ion Ratio Lower Upper

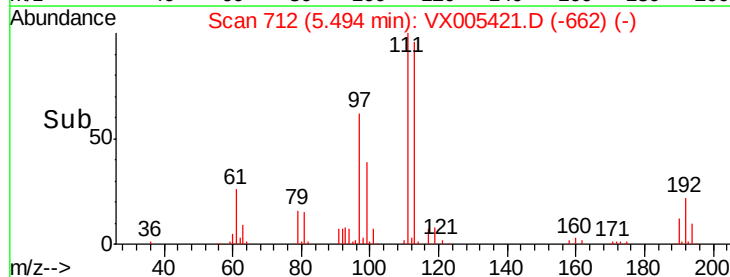
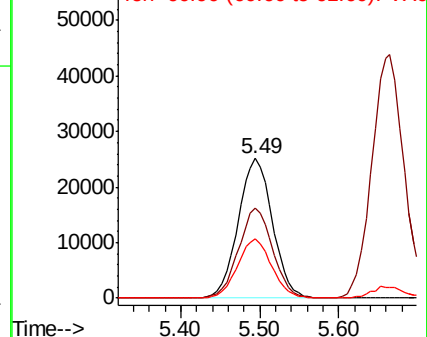
97 100

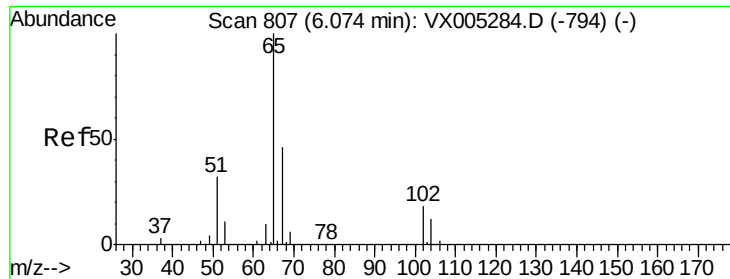
99 64.0 52.0 78.0

61 42.7 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

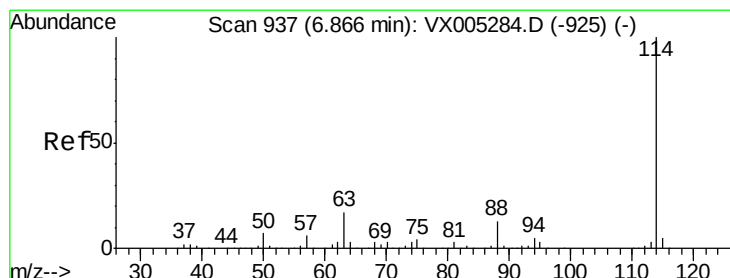
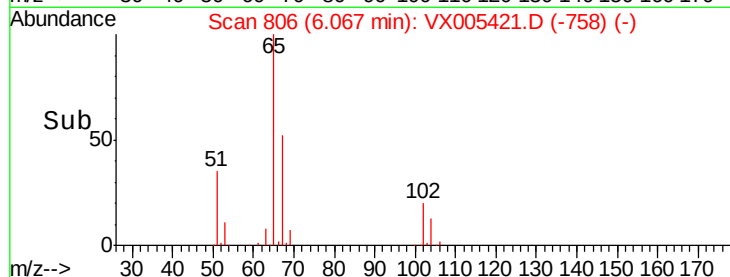
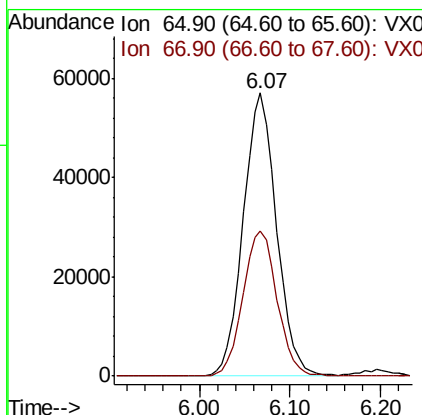
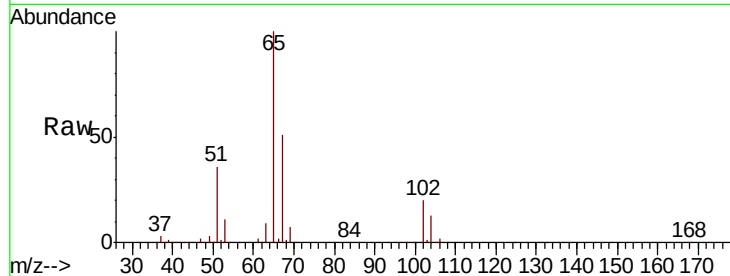




#33
 1,2-Dichloroethane-d4
 Concen: 50.998 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

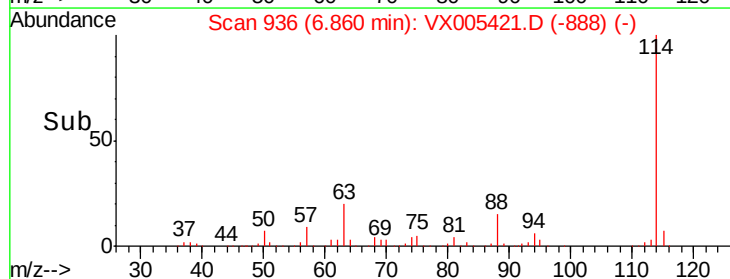
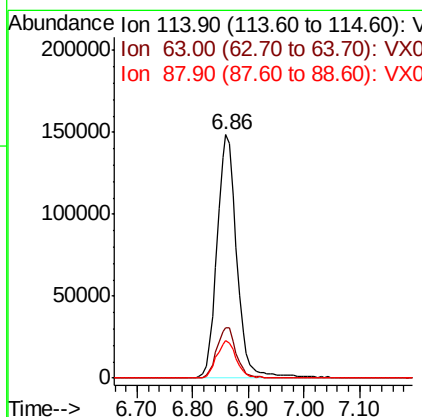
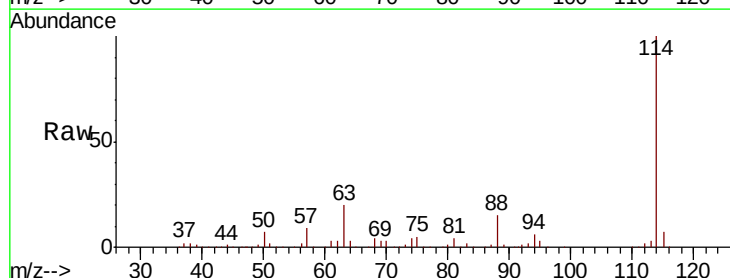
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

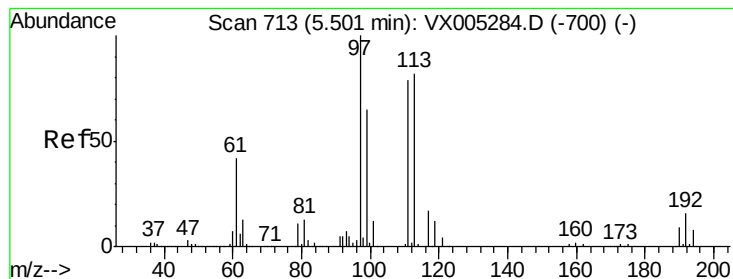
Tot Ion: 65 Resp: 144750
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Tgt Ion: 114 Resp: 366302
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.080 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

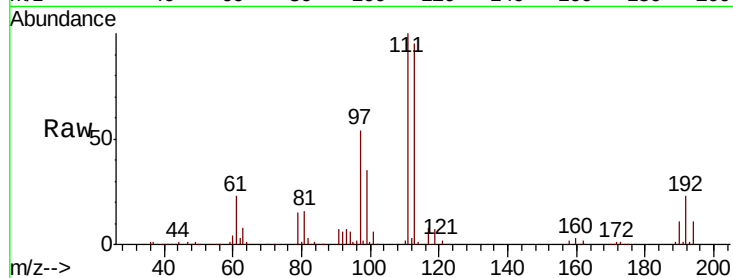
Tot Ion:113 Resp: 119073

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

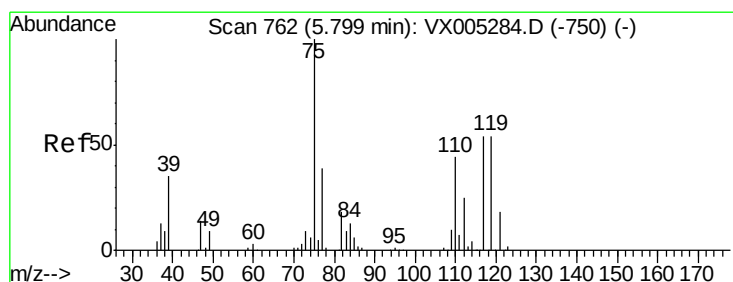
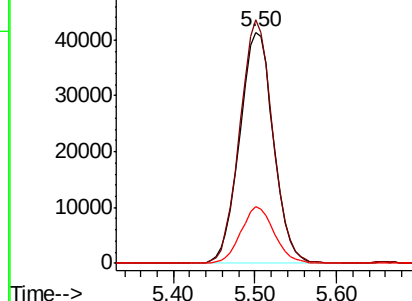
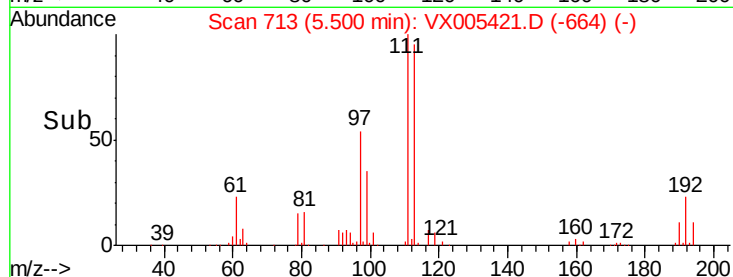
192 24.2 19.4 29.2



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: 17.586 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

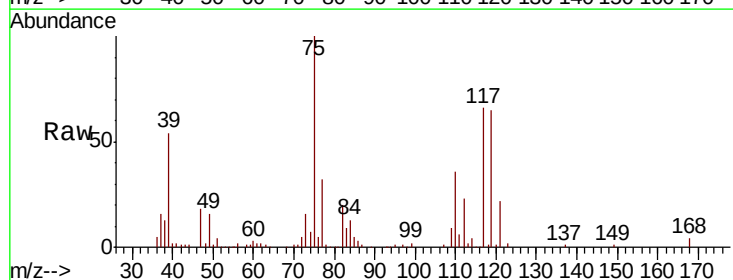
Tgt Ion: 75 Resp: 62387

Ion Ratio Lower Upper

75 100

110 37.5 18.0 54.0

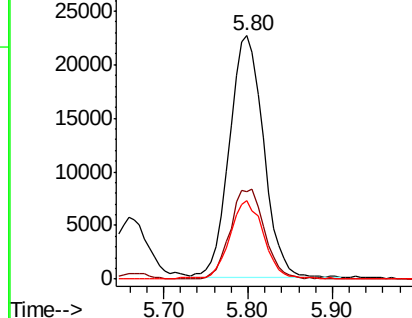
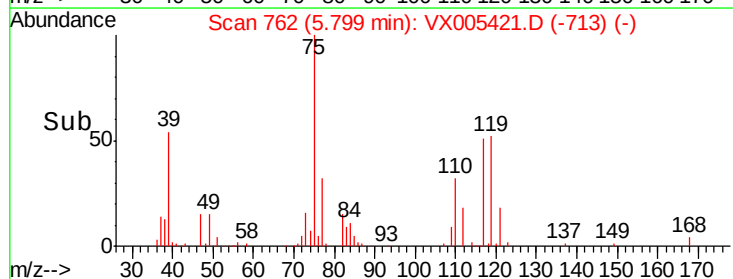
77 31.1 24.6 36.8

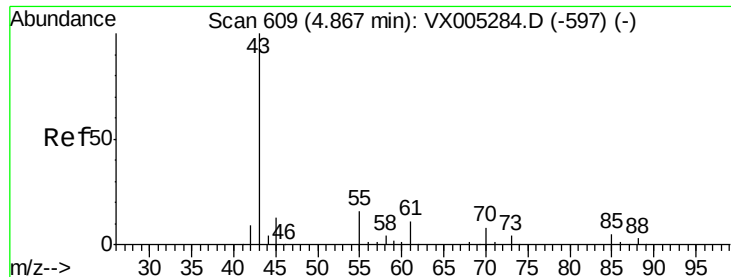


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 17.877 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

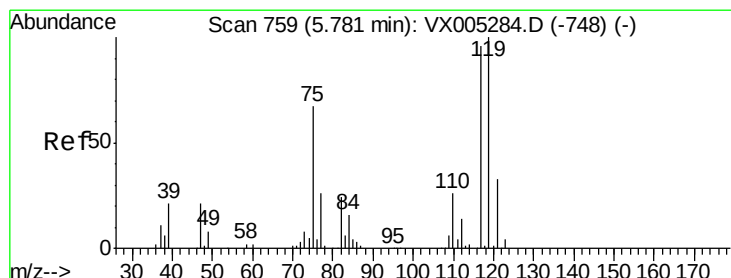
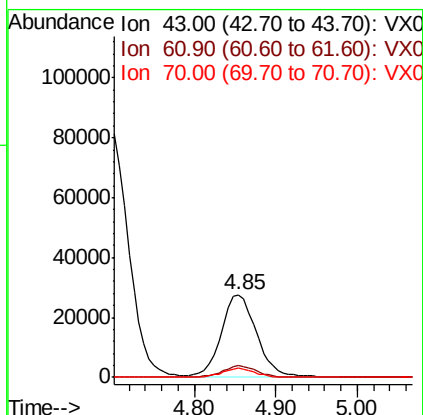
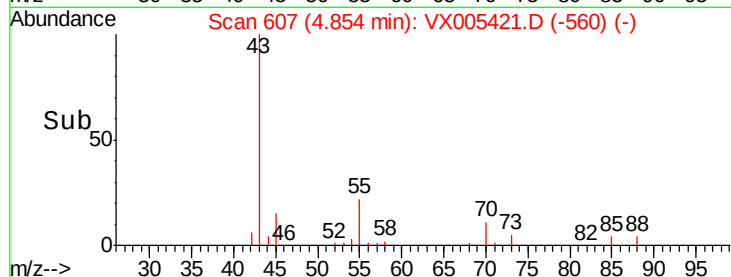
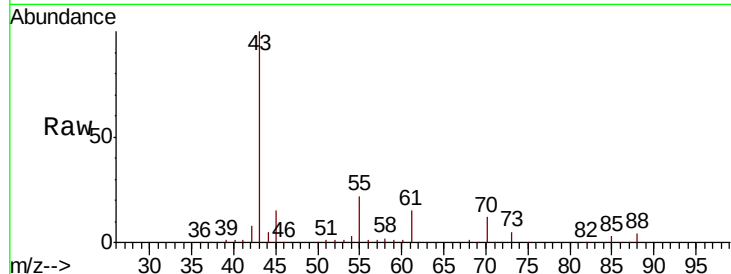
Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :
MSVOA_X
ClientSampled :
VX1018MBS01

Tot Ion: 43 Resp: 81559

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	10.3	9.0	13.6



#38

Carbon Tetrachloride

Concen: 18.667 ug/l

RT: 5.78 min Scan# 759

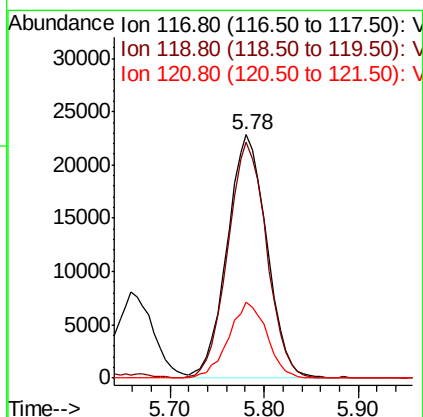
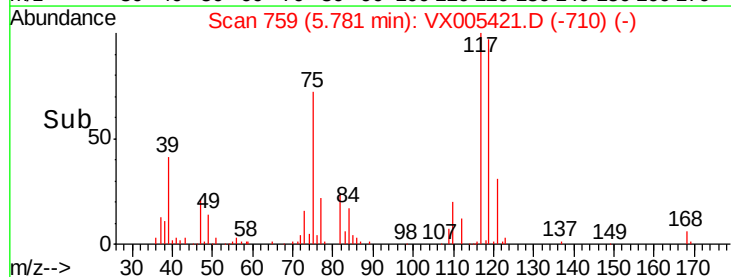
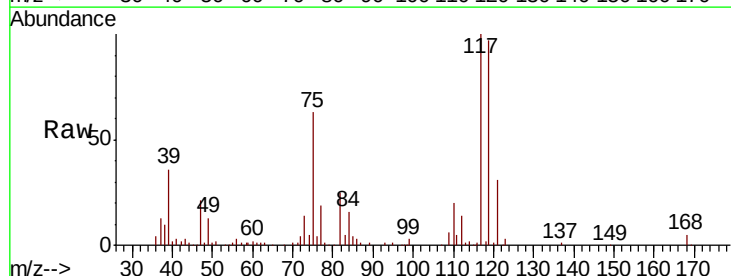
Delta R.T. -0.00 min

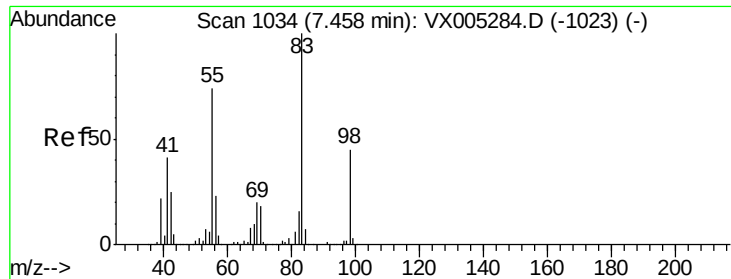
Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Tgt Ion: 117 Resp: 66541

Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.8	118.2
121	31.0	24.9	37.3

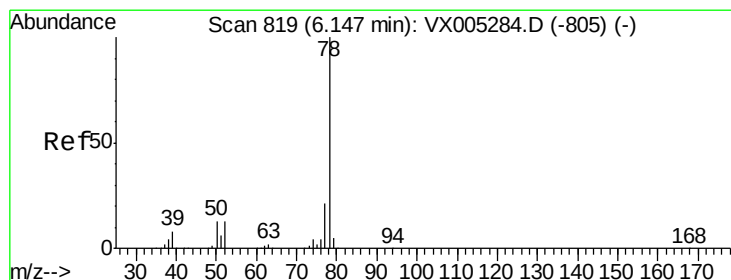
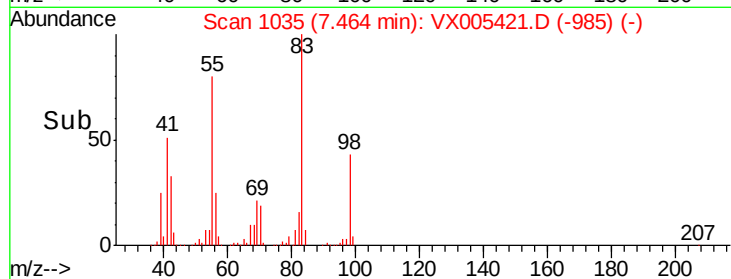
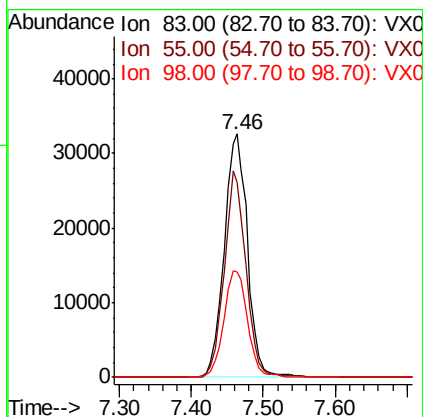
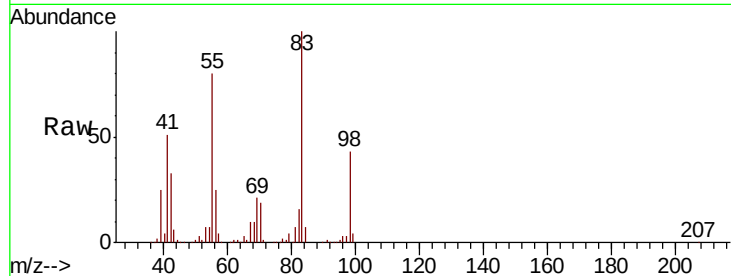




#39
Methylvlcyclohexane
Concen: 19.066 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

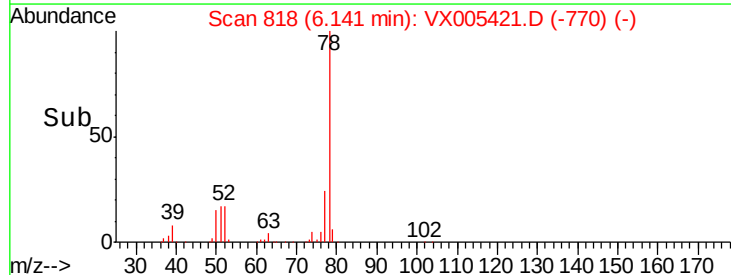
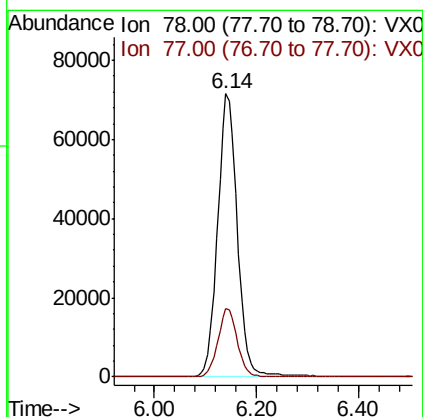
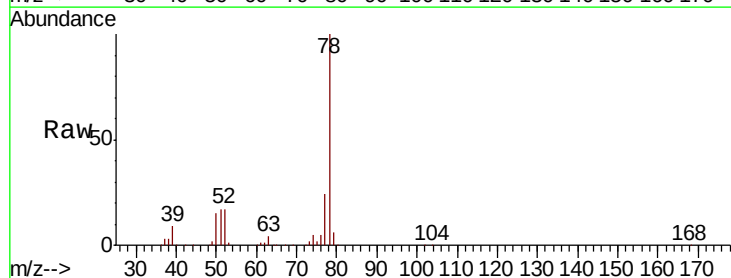
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

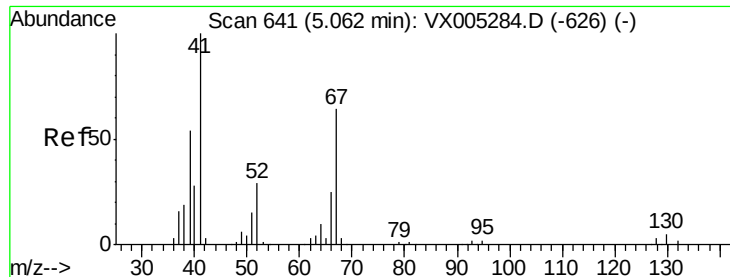
Tot Ion: 83 Resp: 73204
Ion Ratio Lower Upper
83 100
55 79.8 61.0 91.4
98 43.3 39.6 59.4



#40
Benzene
Concen: 18.084 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion: 78 Resp: 192455
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

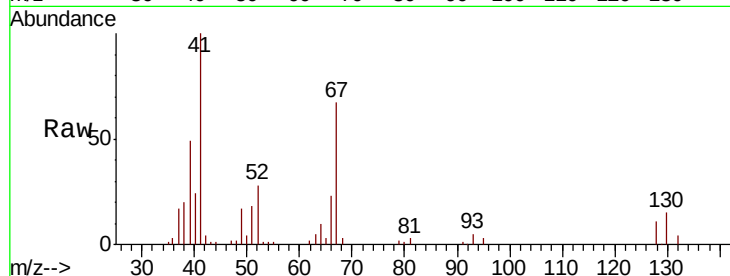




#41
Methacrylonitrile
Concen: 18.834 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tot Ion:	41	Resp:	46067
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.4	63.6
67	67.7	59.2	88.8
52	29.3	23.0	34.4



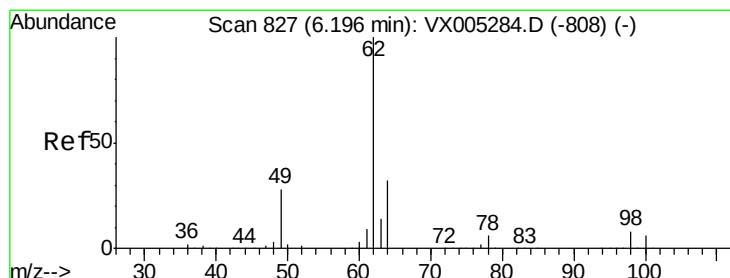
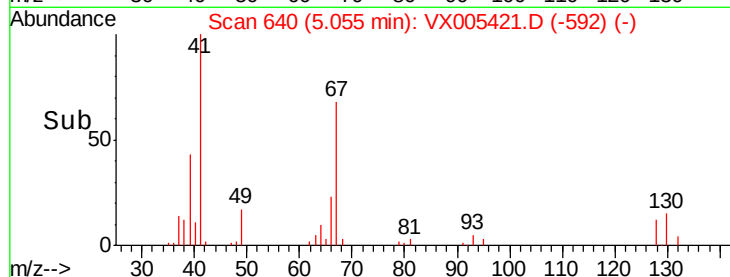
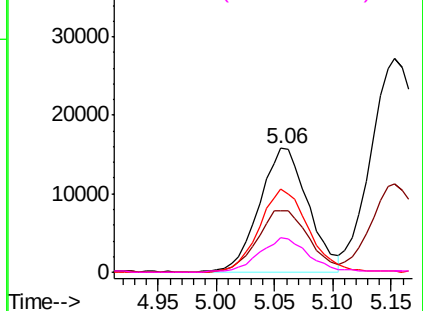
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

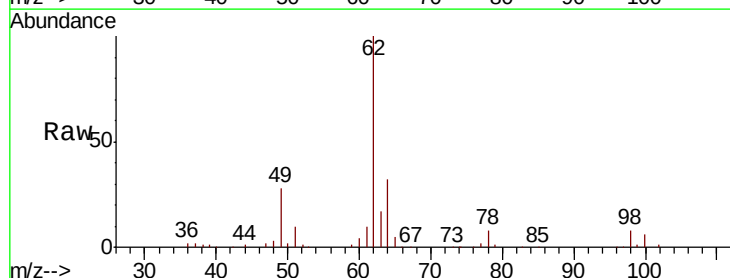
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.646 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

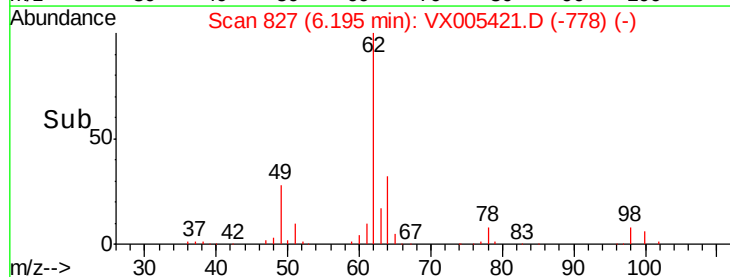
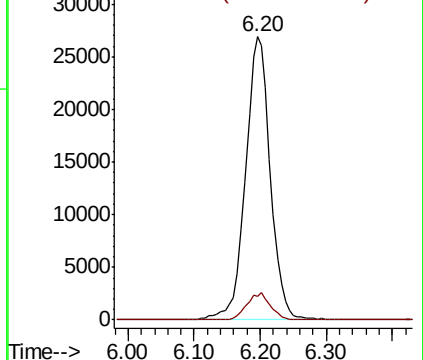
Tgt Ion:	62	Resp:	70067
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.6

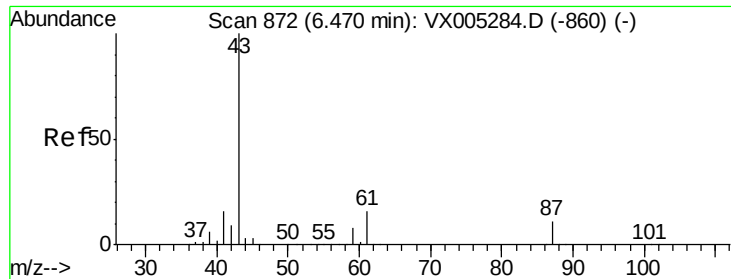


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.610 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

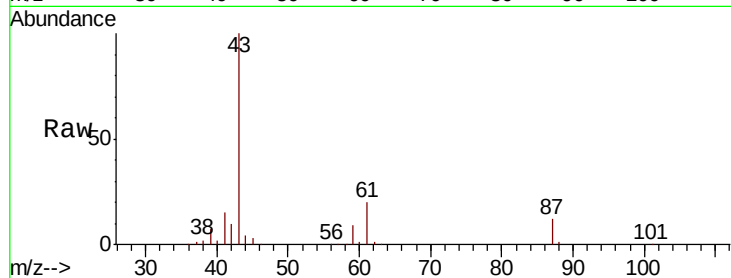
Tot Ion: 43 Resp: 125258

Ion Ratio Lower Upper

43 100

61 19.5 17.0 25.4

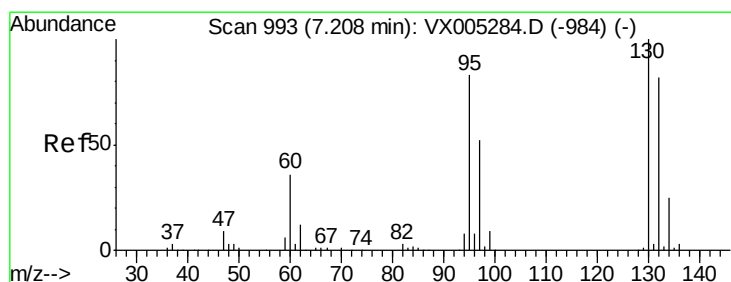
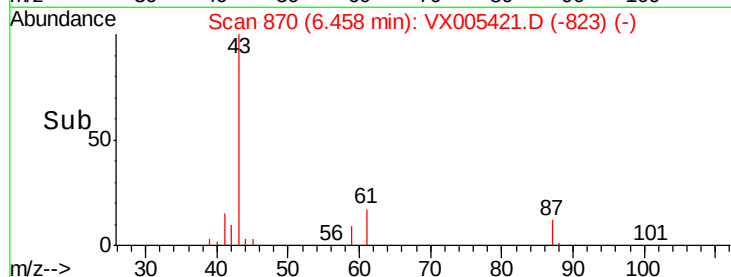
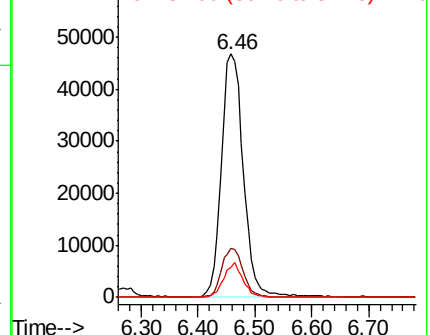
87 12.4 11.4 17.2



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: 19.621 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005421.D

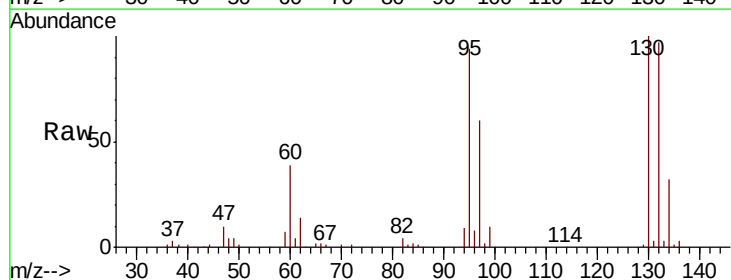
Acq: 18 Oct 2018 11:17

Tgt Ion:130 Resp: 54344

Ion Ratio Lower Upper

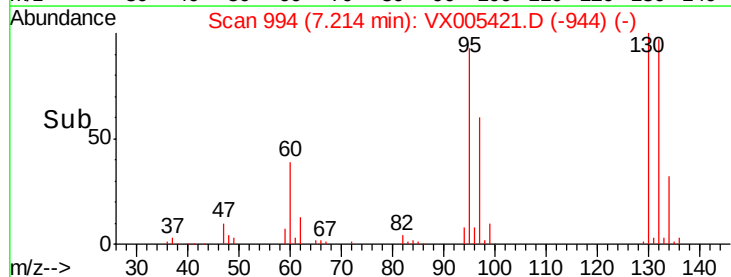
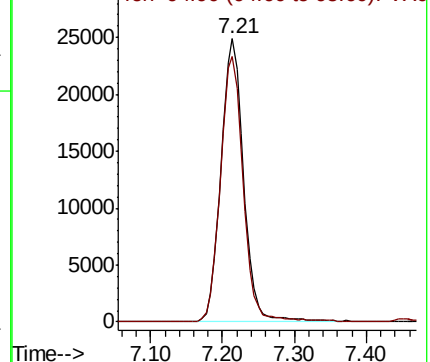
130 100

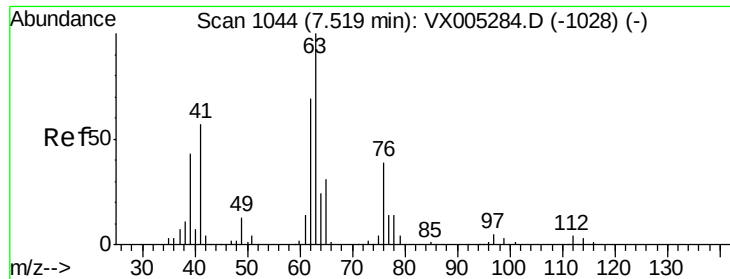
95 93.8 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

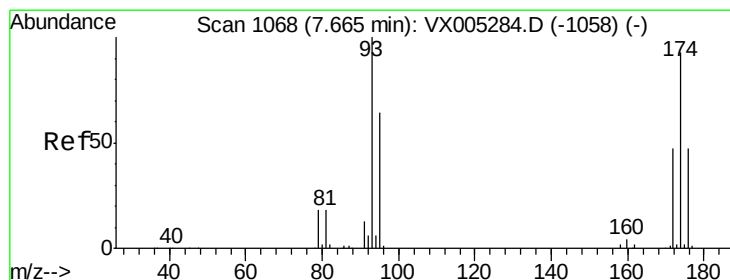
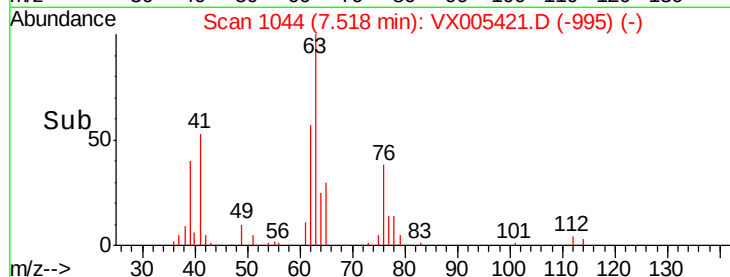
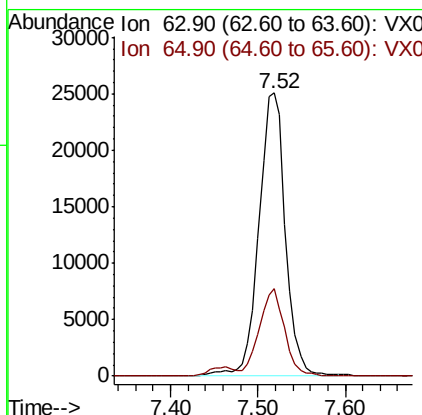
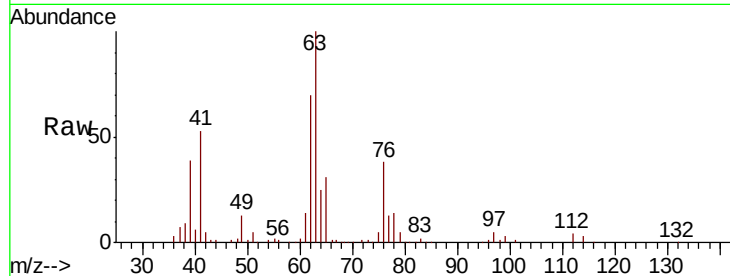




#45
 1,2-Dichloropropane
 Concen: 20.324 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

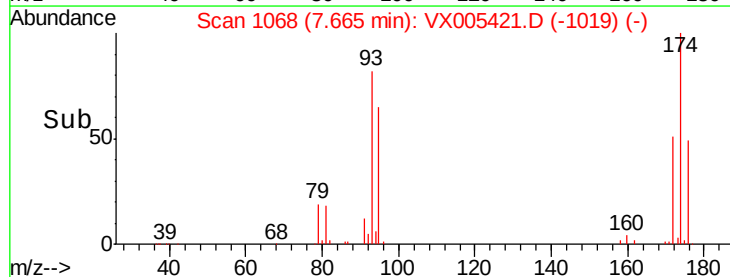
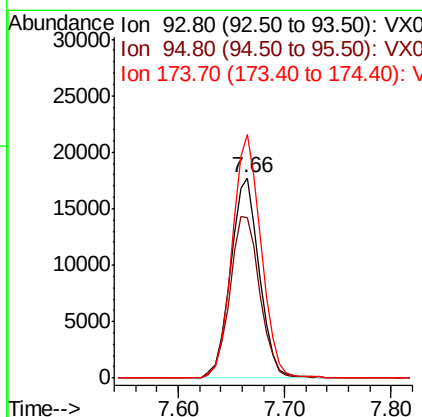
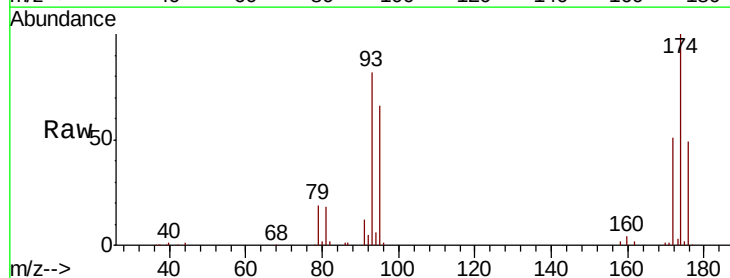
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

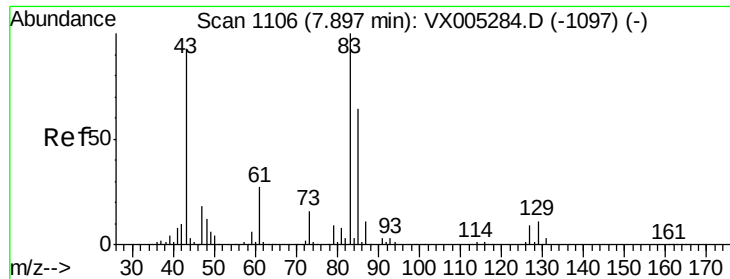
Tot Ion: 63 Resp: 53057
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5



#46
 Dibromomethane
 Concen: 19.452 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Tgt Ion: 93 Resp: 33514
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.5 98.3
 174 122.7 94.2 141.4





#47

Bromodichloromethane

Concen: 20.147 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

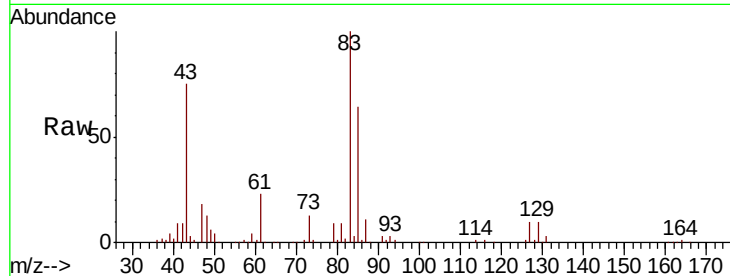
Tot Ion: 83 Resp: 64209

Ion Ratio Lower Upper

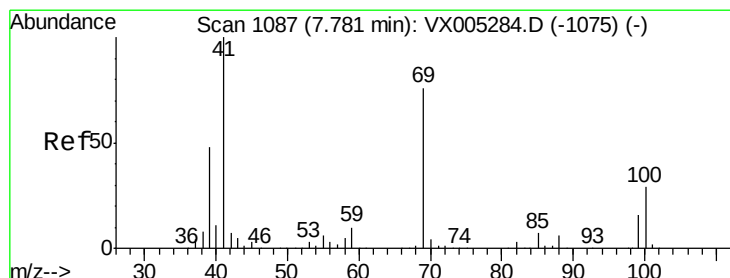
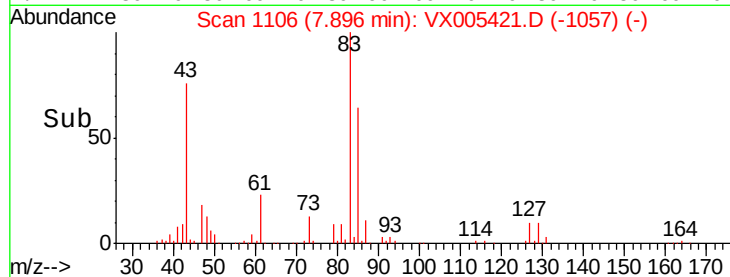
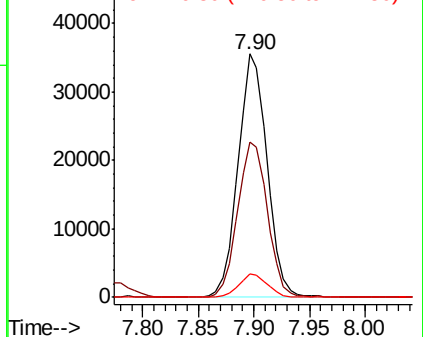
83 100

85 63.7 50.9 76.3

127 9.6 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: 19.348 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

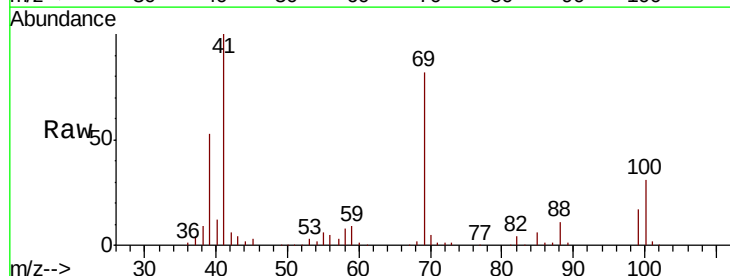
Tgt Ion: 41 Resp: 60987

Ion Ratio Lower Upper

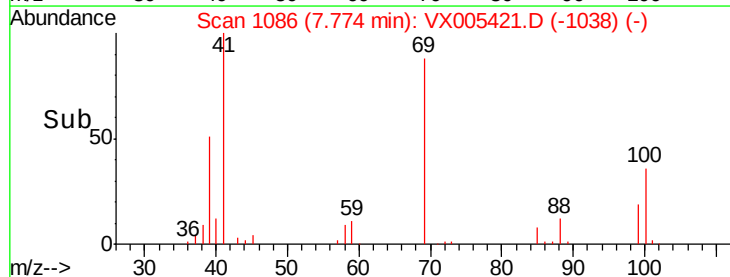
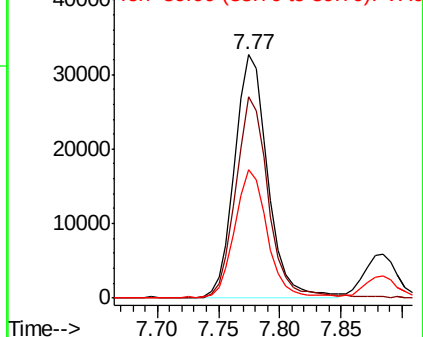
41 100

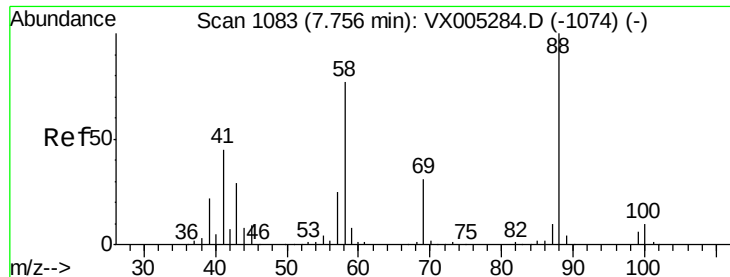
69 82.6 70.2 105.4

39 52.9 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

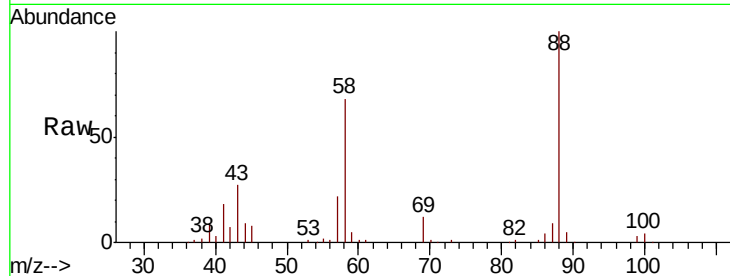




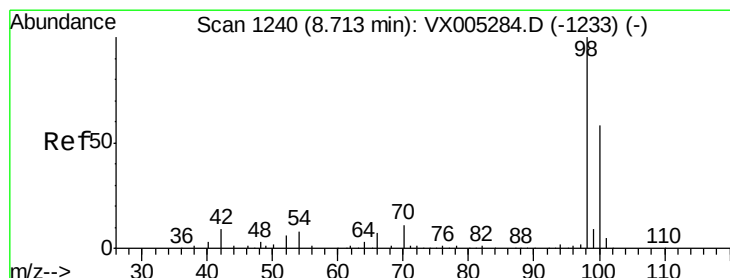
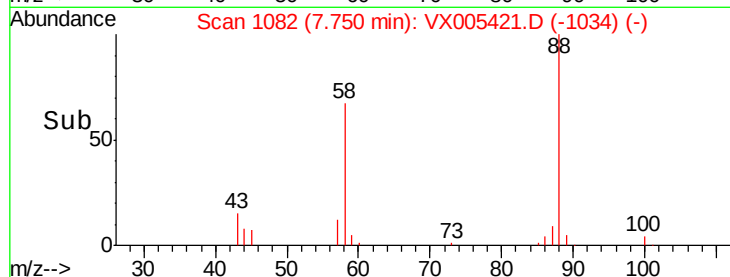
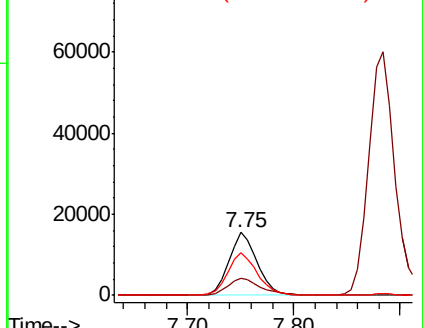
#49
1,4-Dioxane
Concen: 396.950 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tot Ion: 88 Resp: 28859
Ion Ratio Lower Upper
88 100
43 30.3 24.7 37.1
58 71.0 55.3 82.9

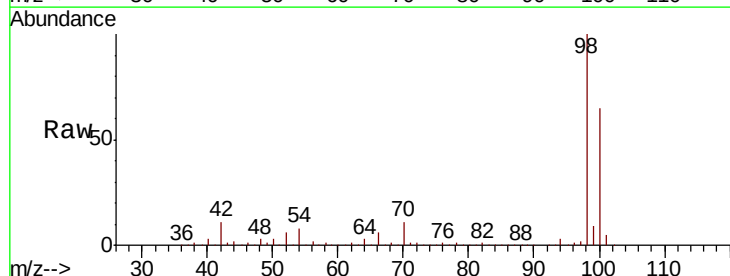


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

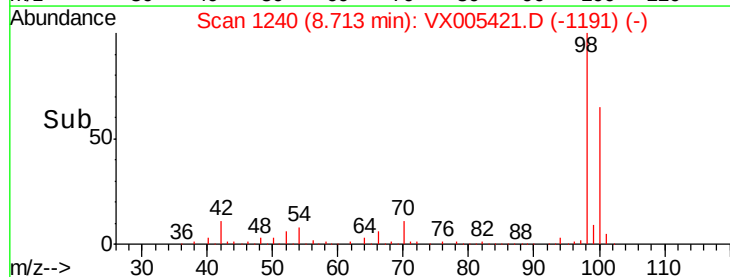
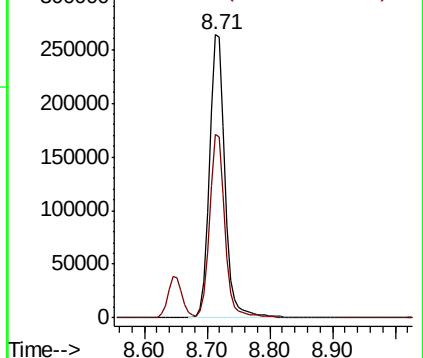


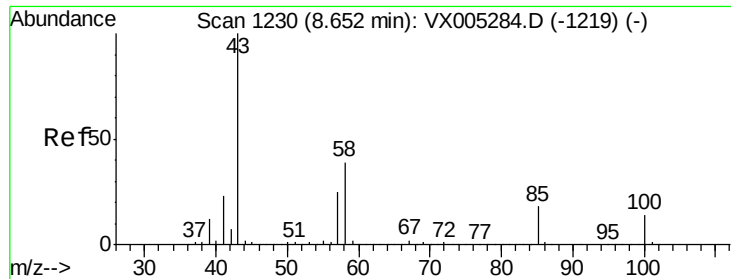
#50
Toluene-d8
Concen: 53.942 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion: 98 Resp: 449286
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: 102.434 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

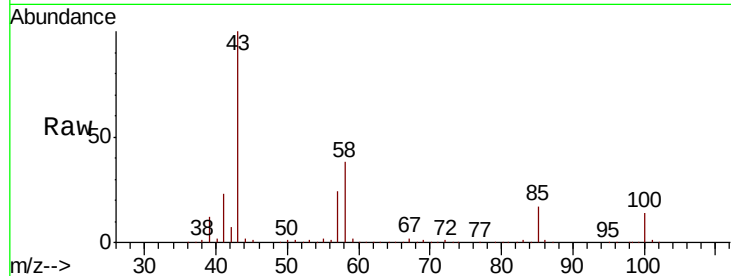
VX1018MBS01

Tot Ion: 43 Resp: 431053

Ion Ratio Lower Upper

43 100

58 38.2 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX005284.D (-1219) (-)

8.65

250000

200000

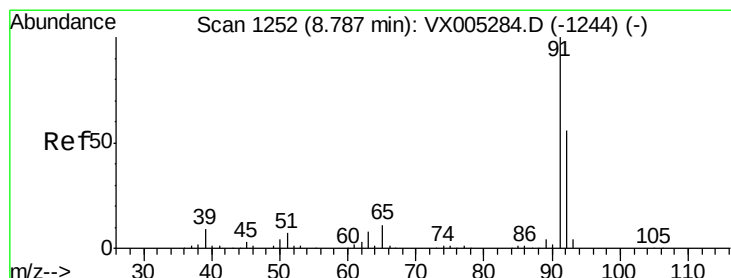
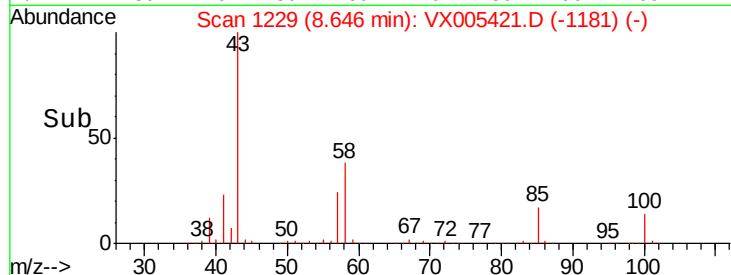
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.214 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005421.D

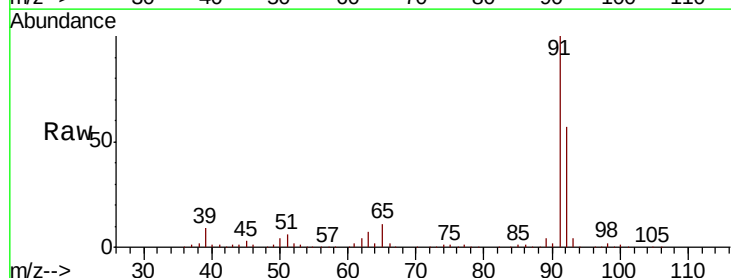
Acq: 18 Oct 2018 11:17

Tgt Ion: 92 Resp: 123514

Ion Ratio Lower Upper

92 100

91 173.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX005284.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX005284.D (-1244) (-)

8.79

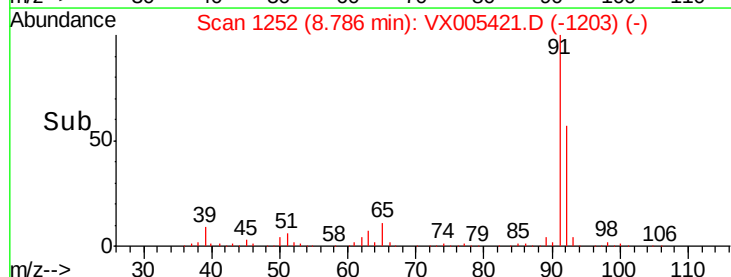
150000

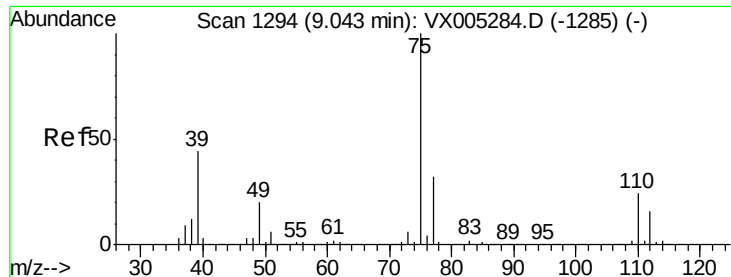
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.366 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

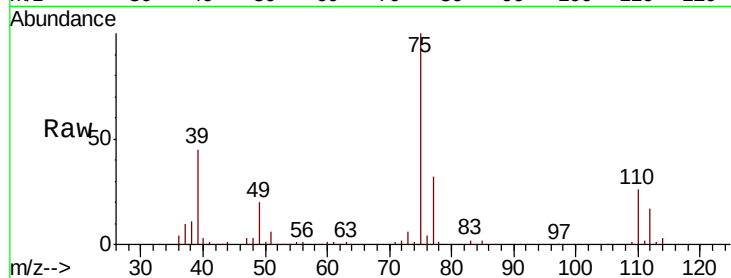
VX1018MBS01

Tot Ion: 75 Resp: 70242

Ion Ratio Lower Upper

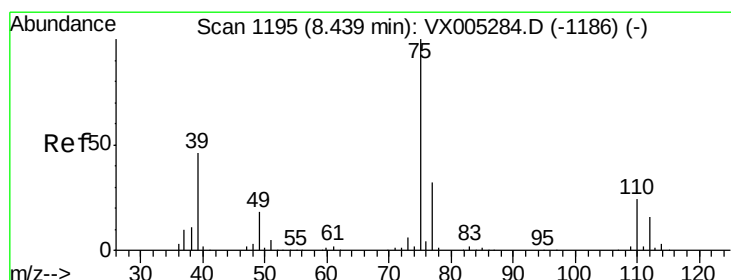
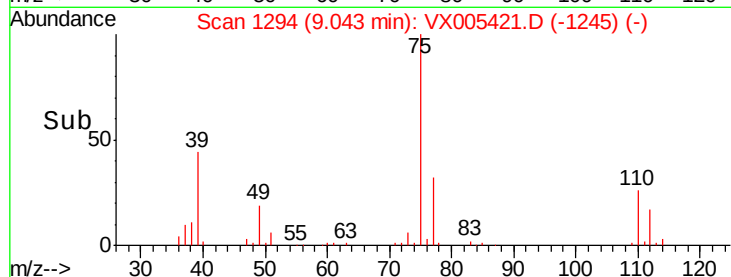
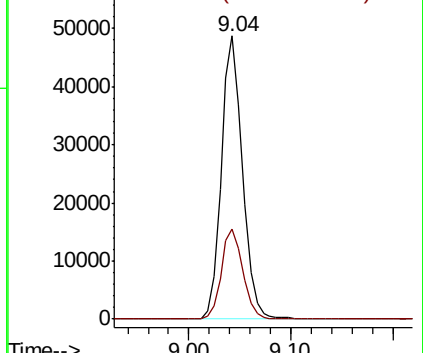
75 100

77 31.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.867 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

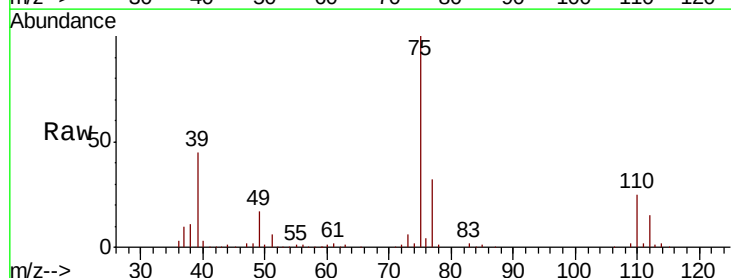
Tgt Ion: 75 Resp: 77980

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

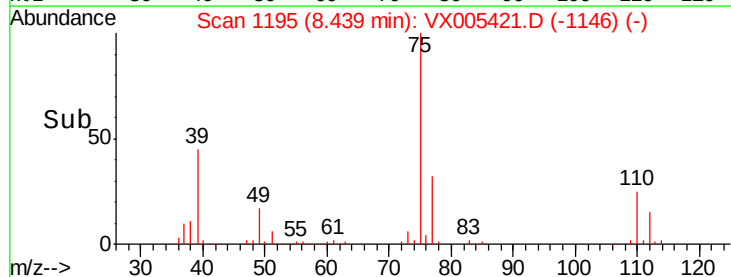
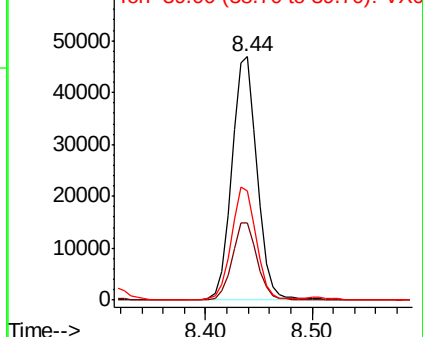
39 44.8 36.4 54.6

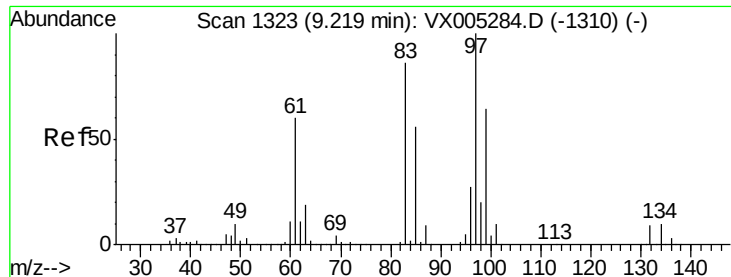


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.862 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

Tot Ion: 97 Resp: 51446

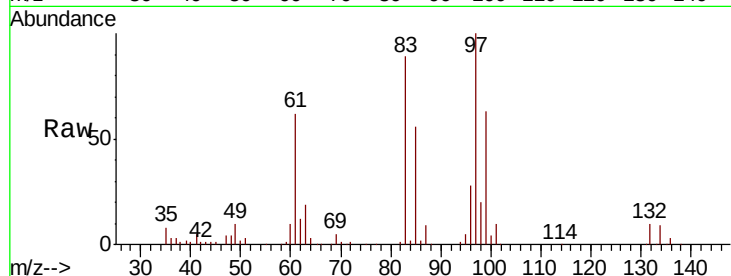
Ion Ratio Lower Upper

97 100

83 88.5 66.4 99.6

85 55.7 43.3 64.9

99 63.4 49.0 73.4



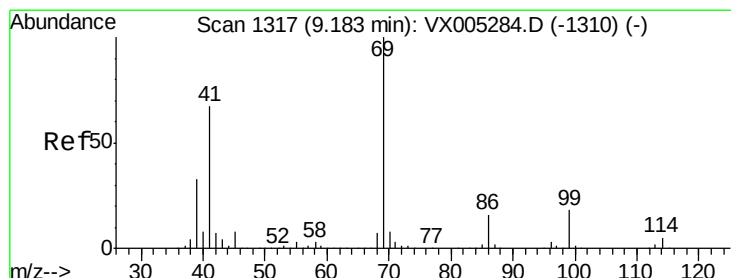
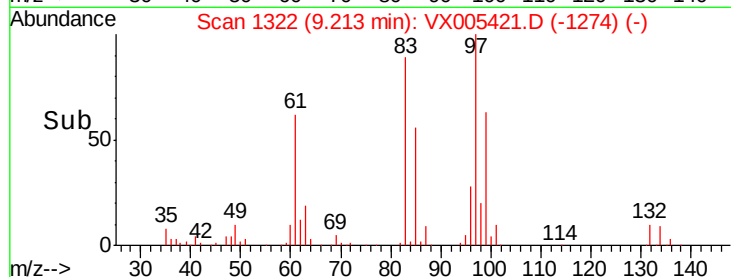
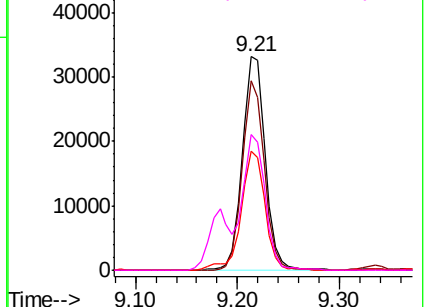
Abundance

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: 20.692 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

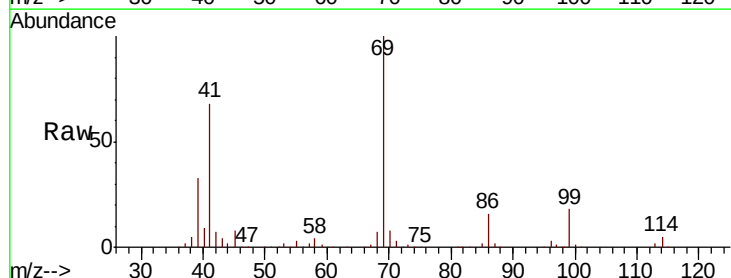
Tgt Ion: 69 Resp: 74386

Ion Ratio Lower Upper

69 100

41 68.1 51.0 76.4

39 33.4 26.1 39.1

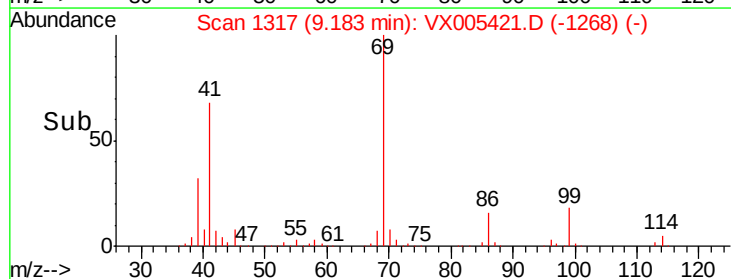
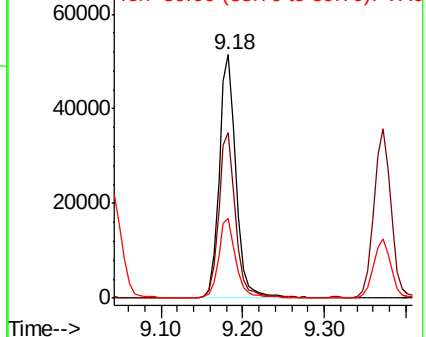


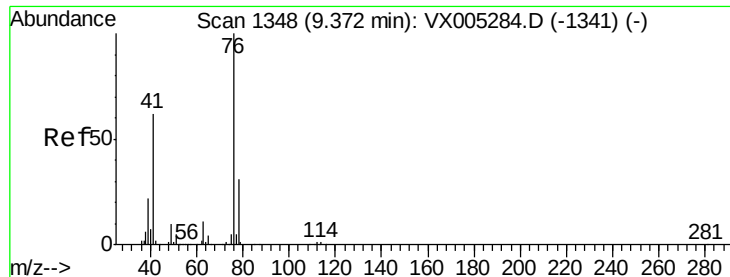
Abundance

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: 20.878 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

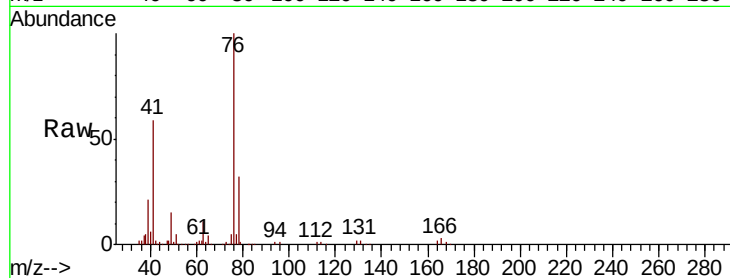
VX1018MBS01

Tot Ion: 76 Resp: 85932

Ion Ratio Lower Upper

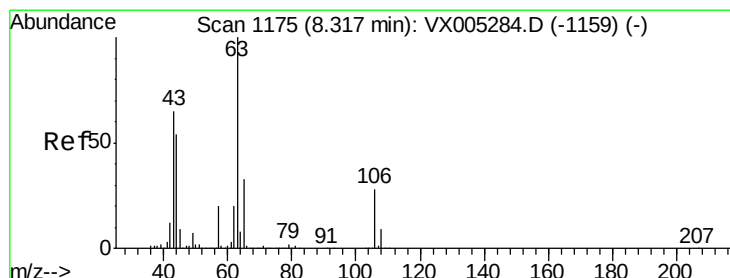
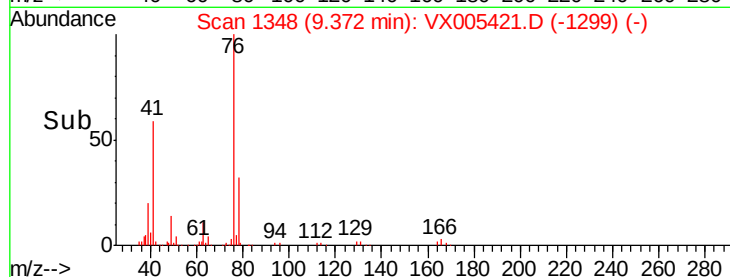
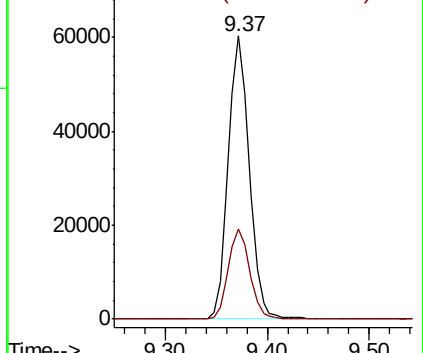
76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 105.066 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005421.D

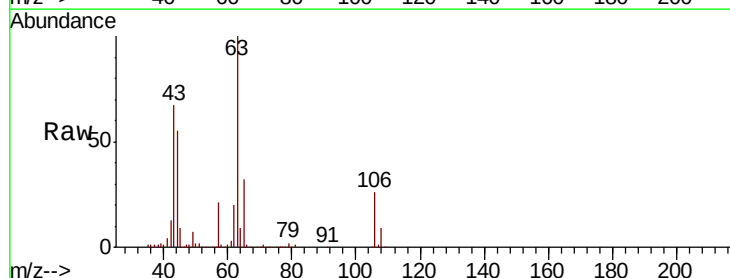
Acq: 18 Oct 2018 11:17

Tgt Ion: 63 Resp: 211827

Ion Ratio Lower Upper

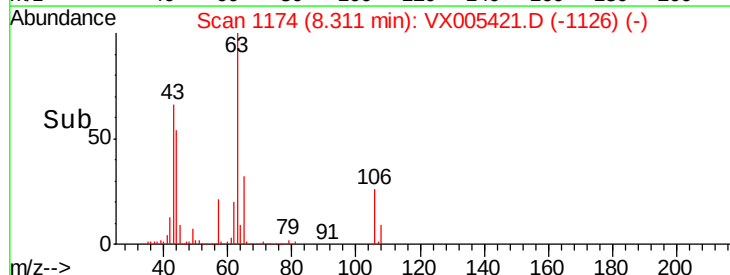
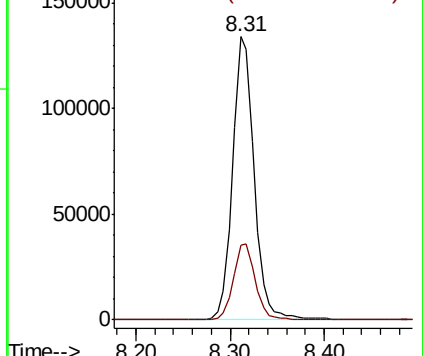
63 100

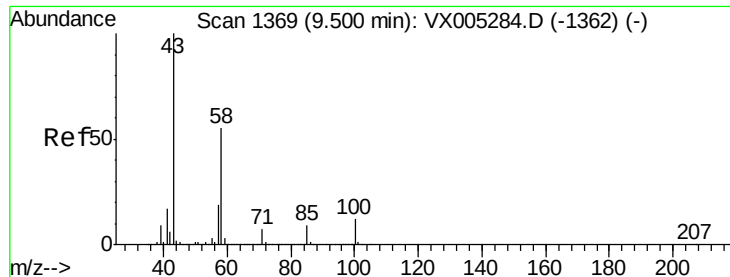
106 27.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

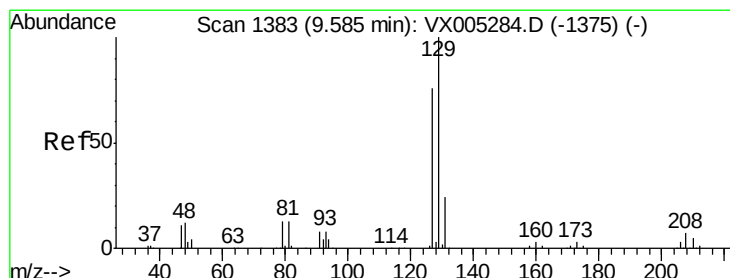
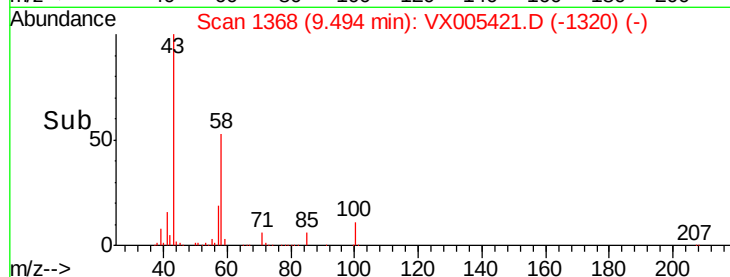
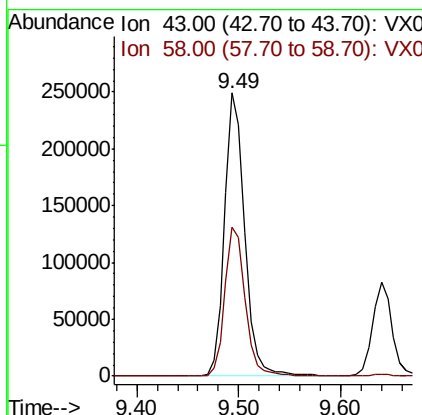
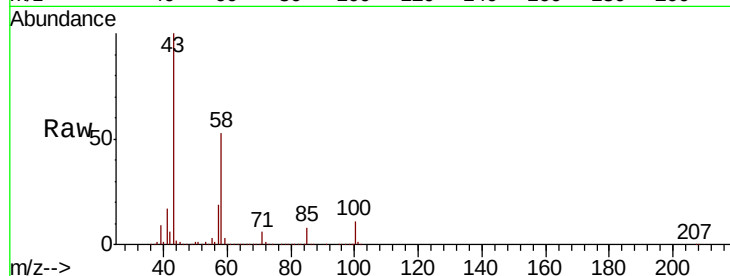




#59
2-Hexanone
Concen: 101.047 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

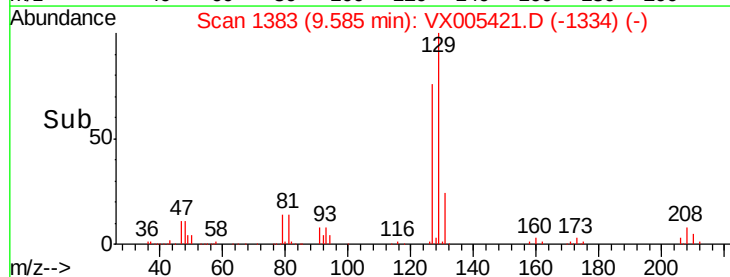
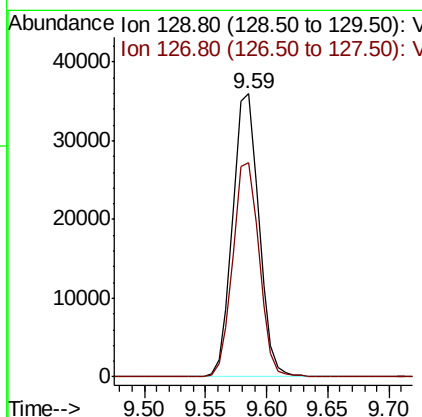
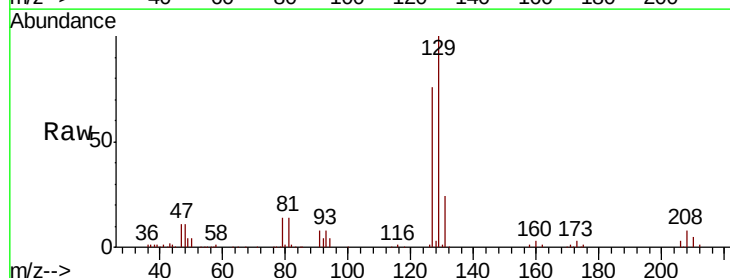
Instrument :
MSVOA_X
ClientSampled :
VX1018MBS01

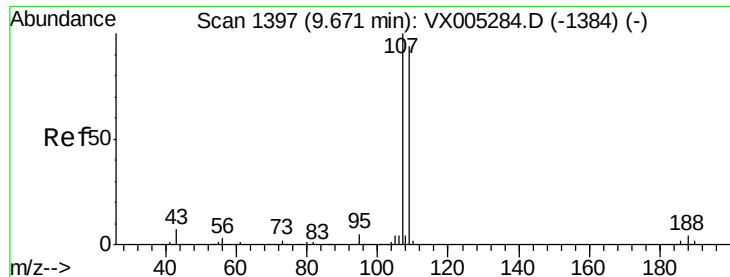
Tot Ion: 43 Resp: 342047
Ion Ratio Lower Upper
43 100
58 53.2 29.0 87.0



#60
Dibromochloromethane
Concen: 20.961 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion:129 Resp: 53430
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5

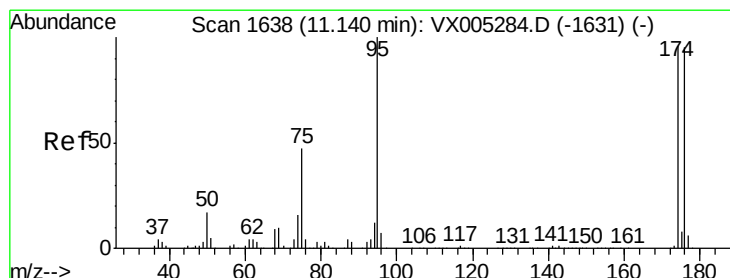
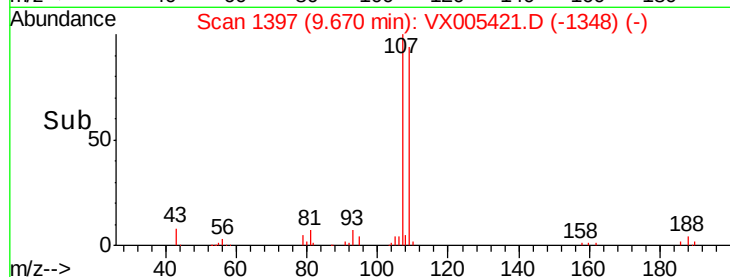
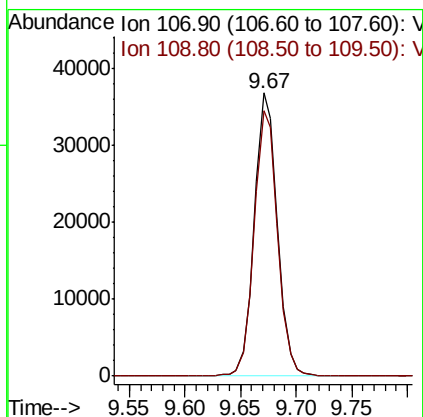
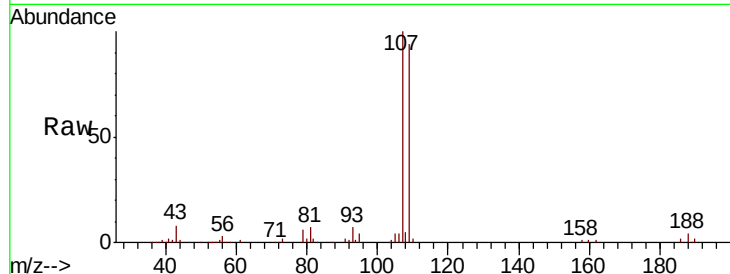




#61
 1,2-Dibromoethane
 Concen: 20.486 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

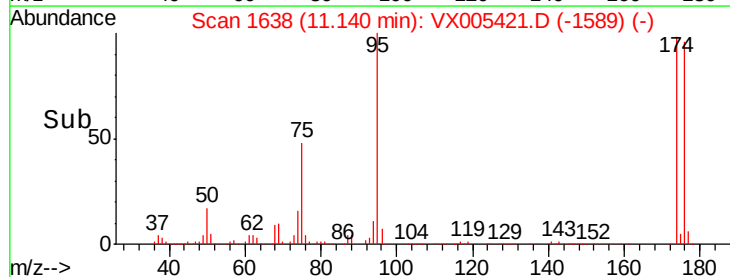
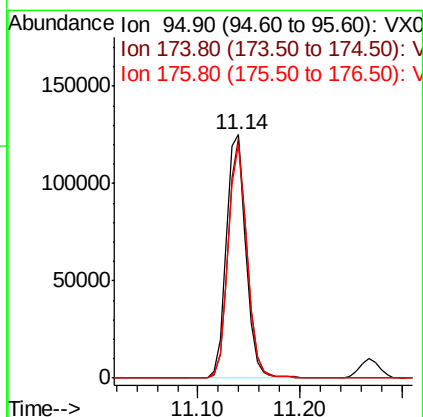
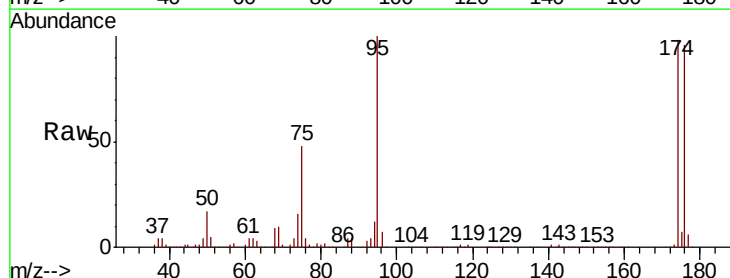
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

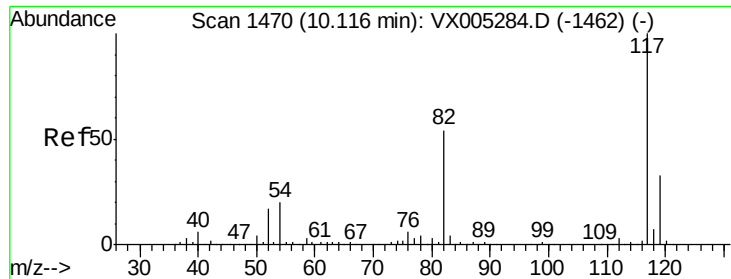
Tot Ion:107 Resp: 53018
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 53.035 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Tgt Ion: 95 Resp: 165940
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 185.2
 176 92.1 0.0 178.6

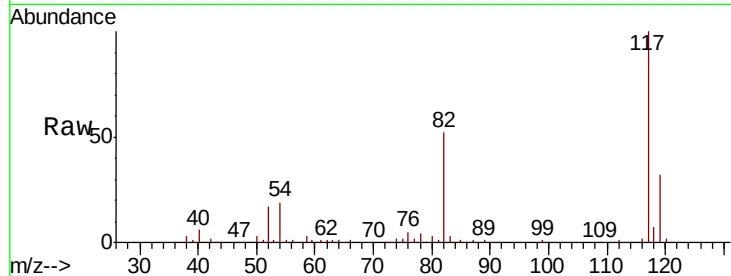




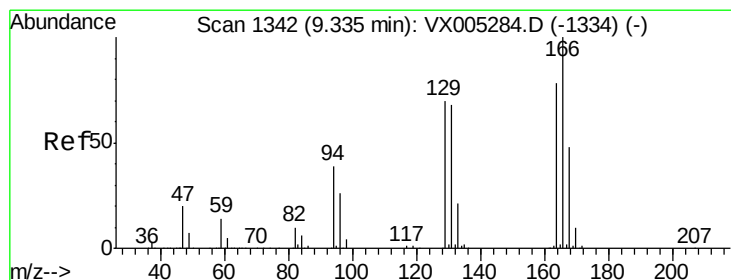
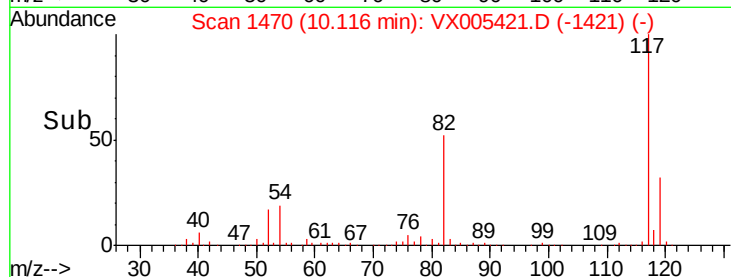
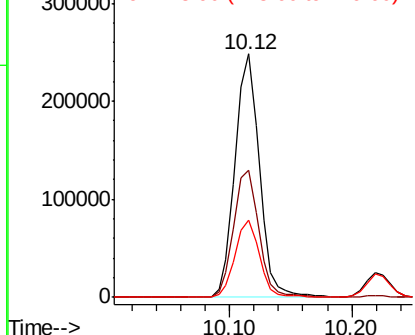
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tot Ion:117 Resp: 342454
Ion Ratio Lower Upper
117 100
82 52.2 47.8 71.6
119 31.8 29.3 43.9

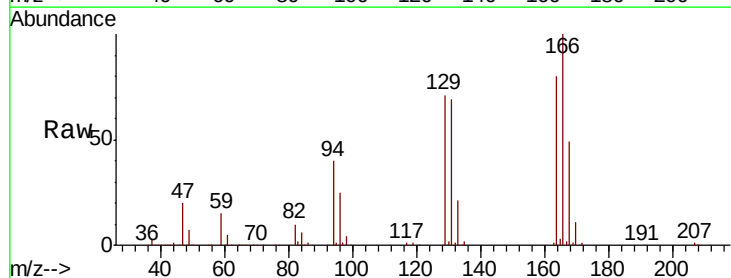


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

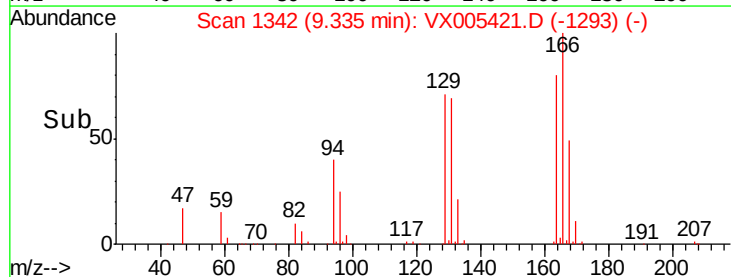
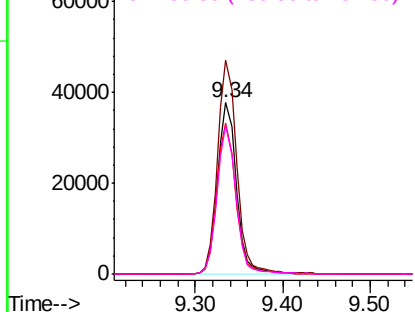


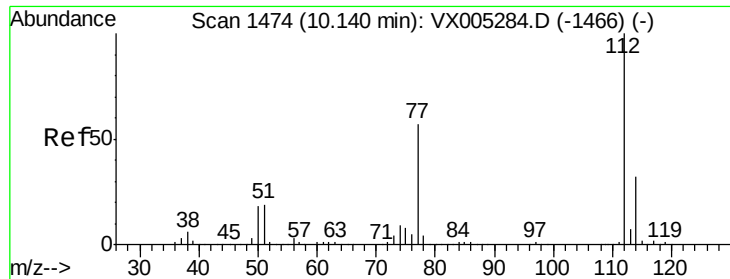
#64
Tetrachloroethene
Concen: 20.496 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion:164 Resp: 56505
Ion Ratio Lower Upper
164 100
166 124.7 102.8 154.2
129 88.3 69.4 104.0
131 86.6 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

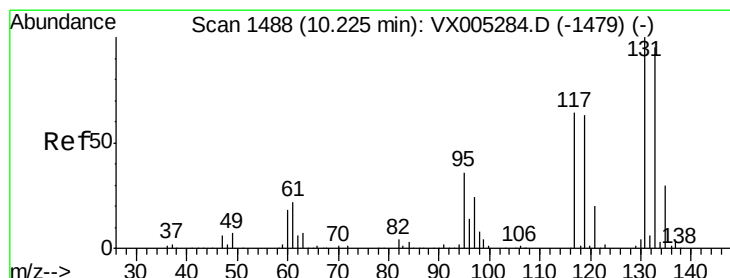
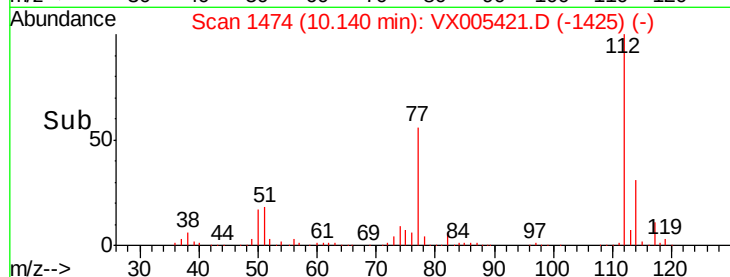
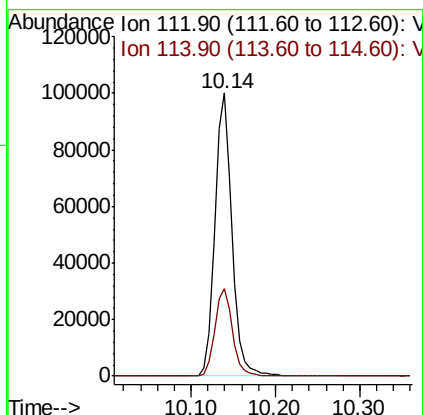
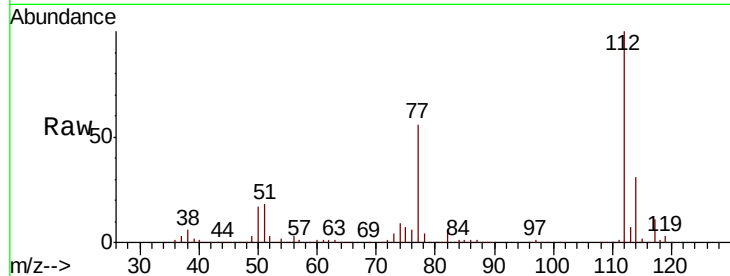




#65
Chlorobenzene
Concen: 19.313 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

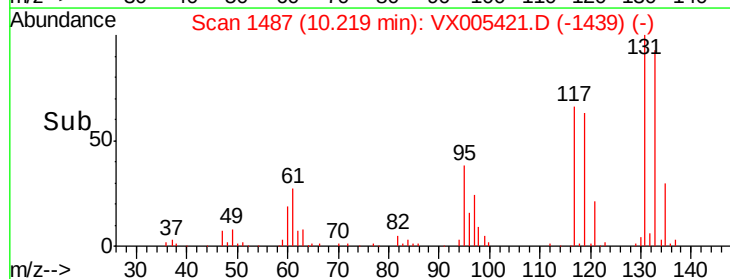
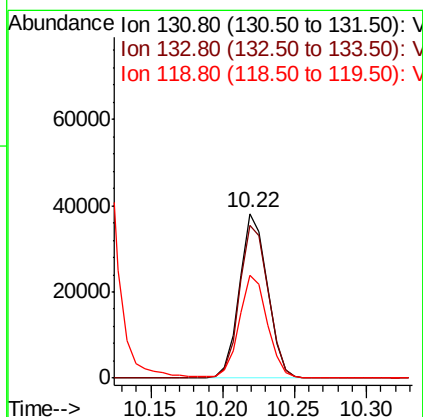
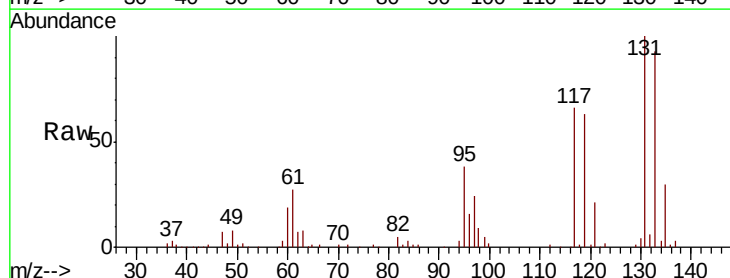
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

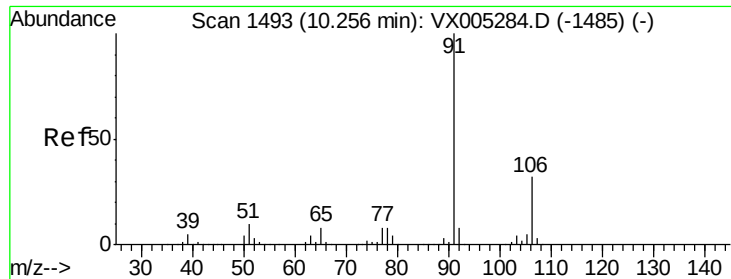
Tot Ion:112 Resp: 140683
Ion Ratio Lower Upper
112 100
114 30.8 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.790 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion:131 Resp: 51373
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 63.3 32.9 98.6





#67

Ethyl Benzene

Concen: 19.423 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

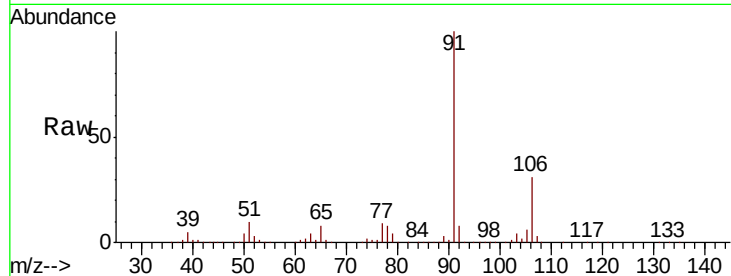
VX1018MBS01

Tot Ion: 91 Resp: 230013

Ion Ratio Lower Upper

91 100

106 30.6 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005284.D (-1485) (-)

300000

250000

200000

150000

100000

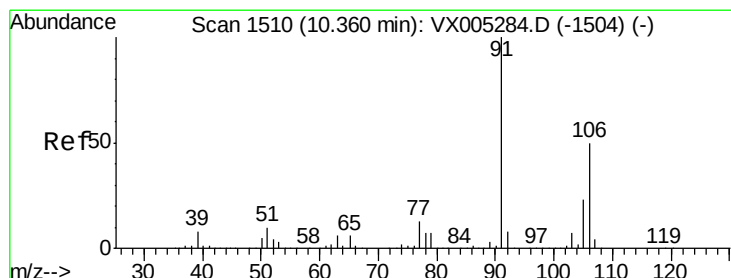
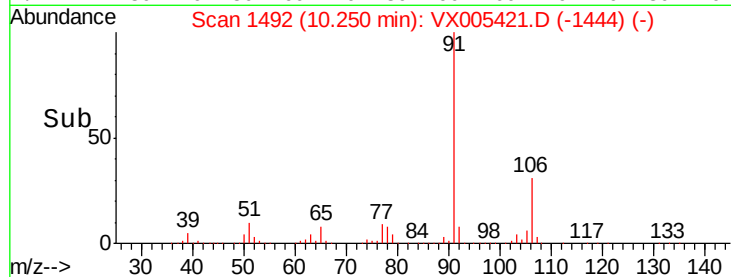
50000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 39.676 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005421.D

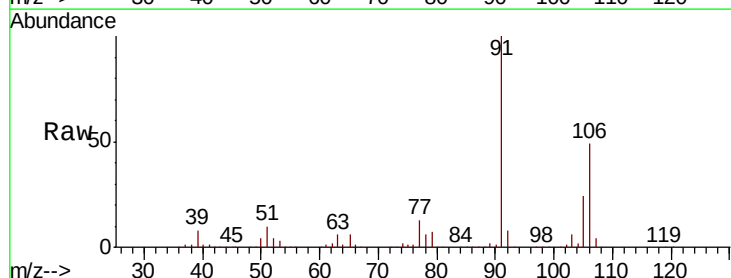
Acq: 18 Oct 2018 11:17

Tgt Ion: 106 Resp: 182363

Ion Ratio Lower Upper

106 100

91 202.6 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): VX005284.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX005284.D (-1504) (-)

300000

250000

200000

150000

100000

50000

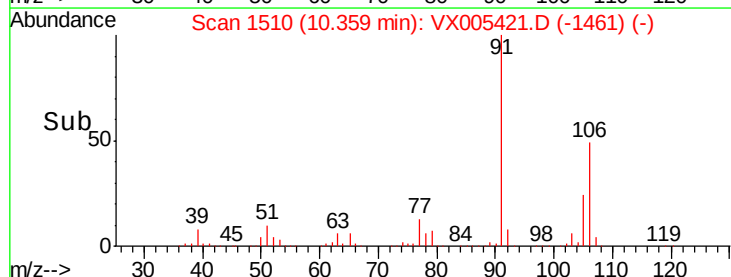
0

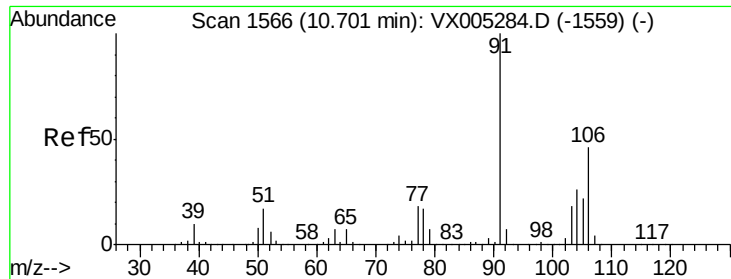
10.30

10.40

10.50

Time-->

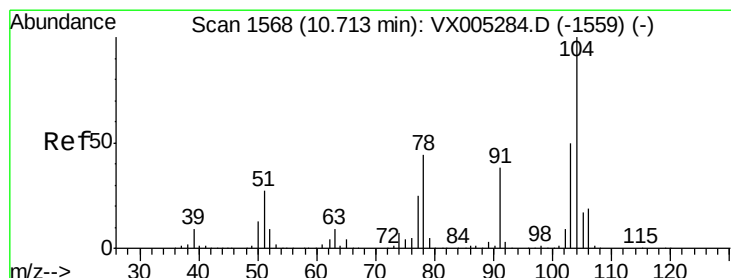
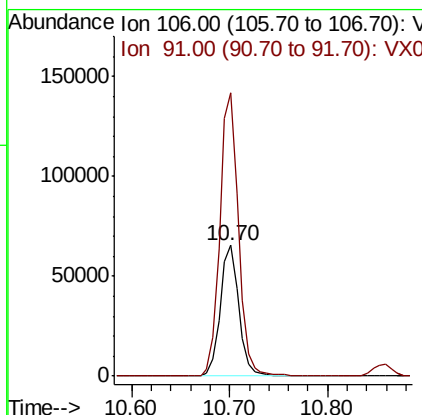
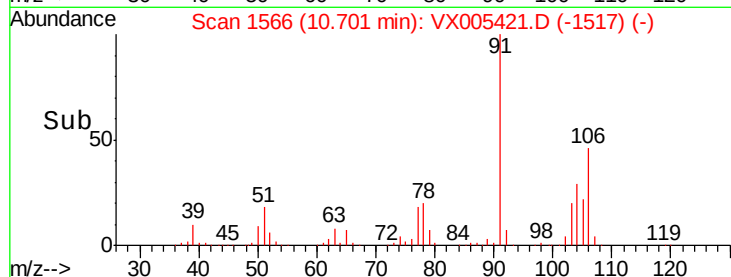
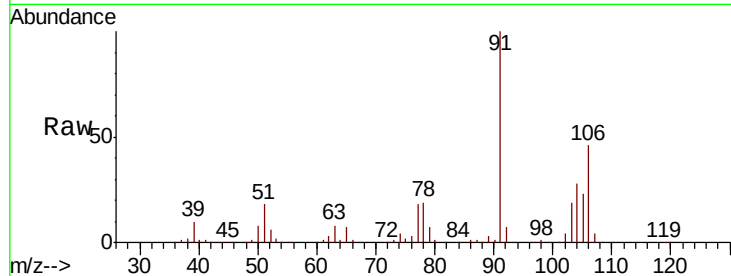




#69
o-Xylene
Concen: 19.487 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

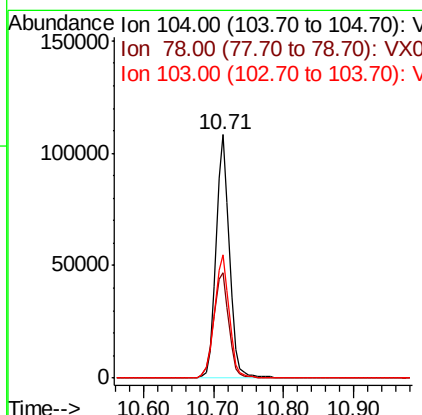
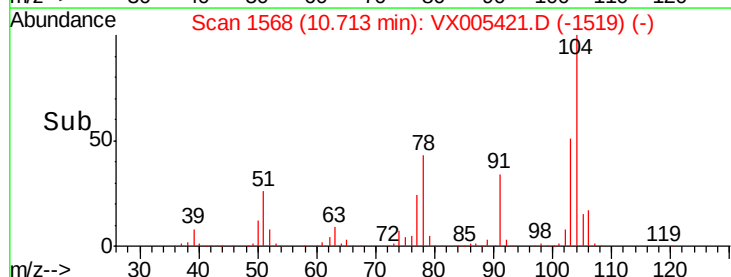
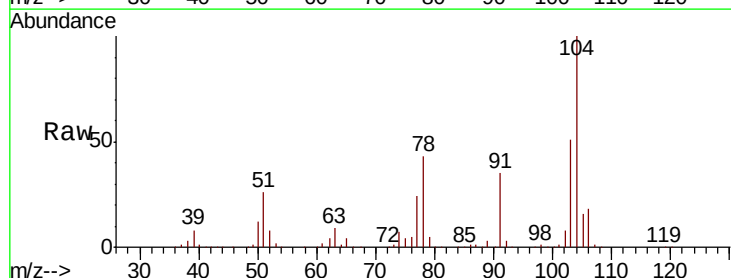
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

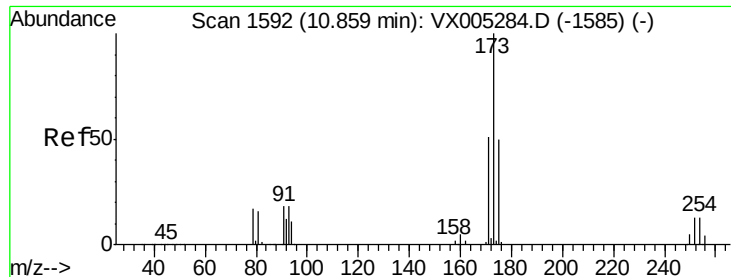
Tot Ion:106 Resp: 86384
Ion Ratio Lower Upper
106 100
91 217.0 105.1 315.1



#70
Styrene
Concen: 19.780 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion:104 Resp: 144220
Ion Ratio Lower Upper
104 100
78 49.3 37.4 56.0
103 55.9 43.8 65.6





#71

Bromoform

Concen: 18.941 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

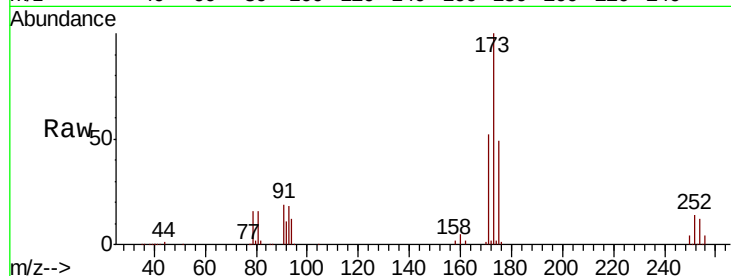
Tot Ion:173 Resp: 43939

Ion Ratio Lower Upper

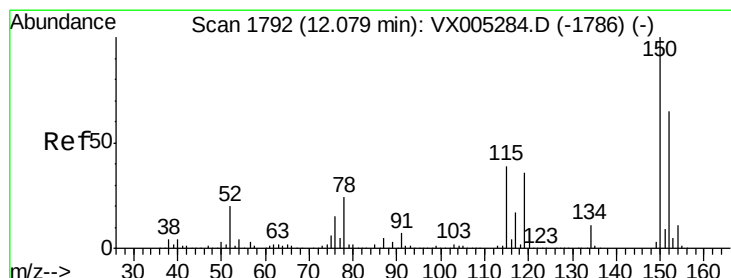
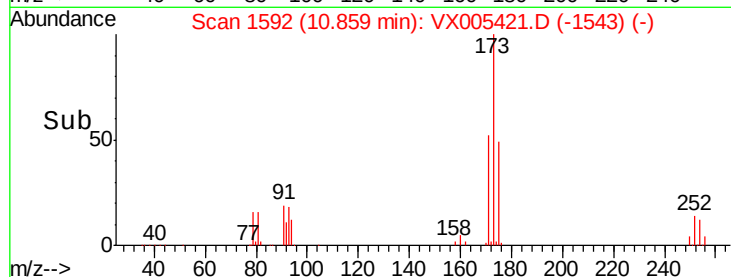
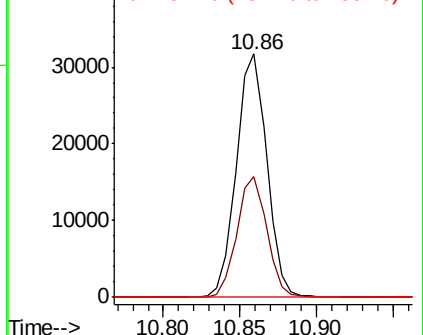
173 100

175 48.5 24.1 72.3

254 0.1 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: VX005421.D

Acq: 18 Oct 2018 11:17

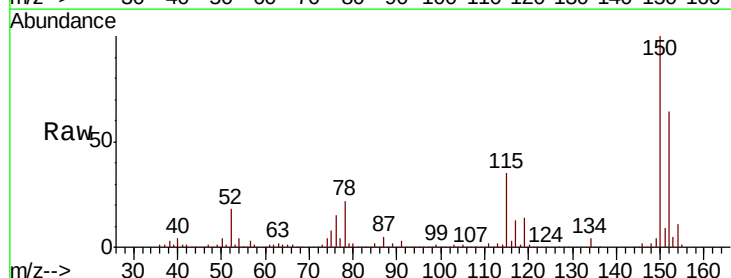
Tgt Ion:152 Resp: 192367

Ion Ratio Lower Upper

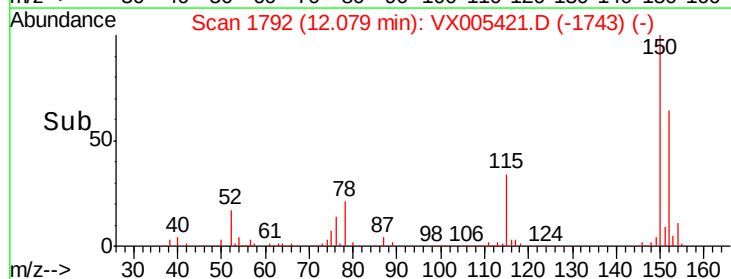
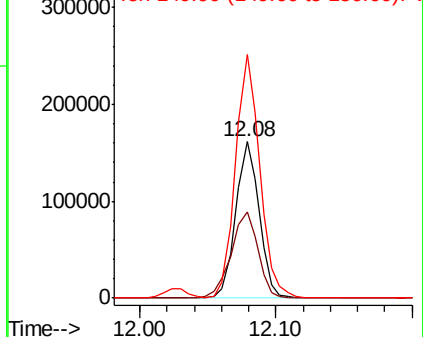
152 100

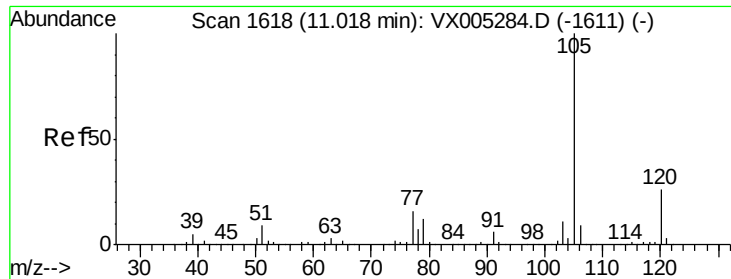
115 63.4 39.0 117.0

150 163.2 0.0 351.0



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

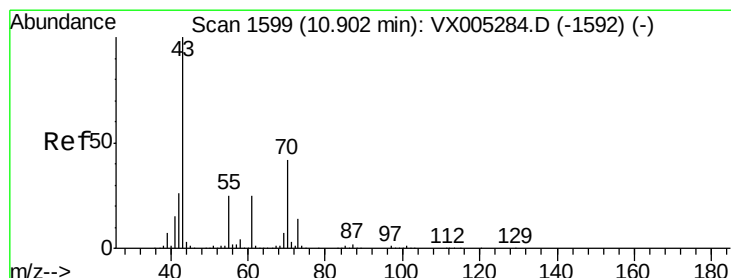
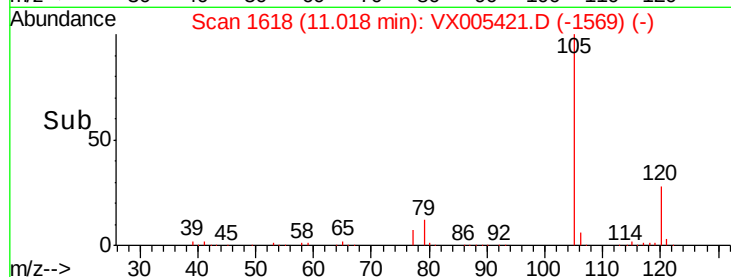
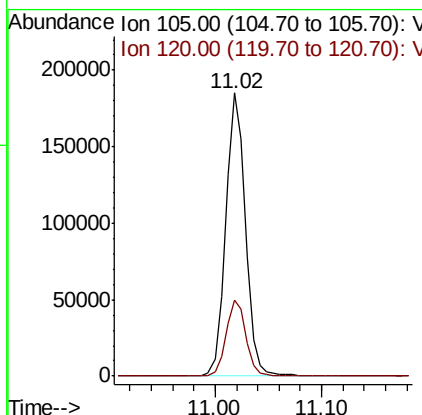
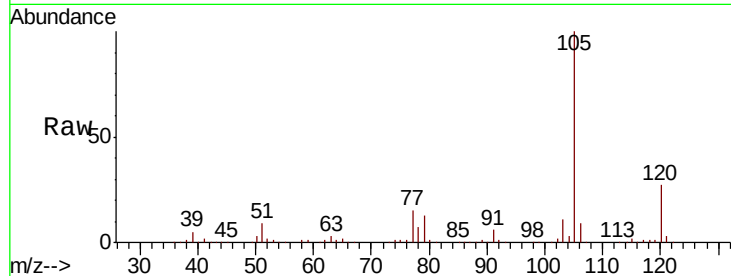




#73
Isopropylbenzene
Concen: 20.975 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

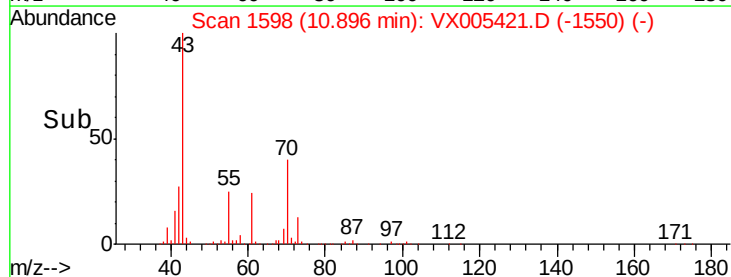
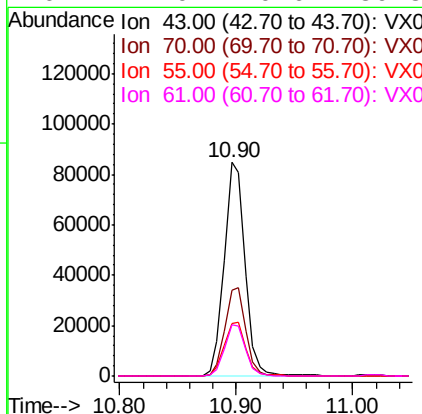
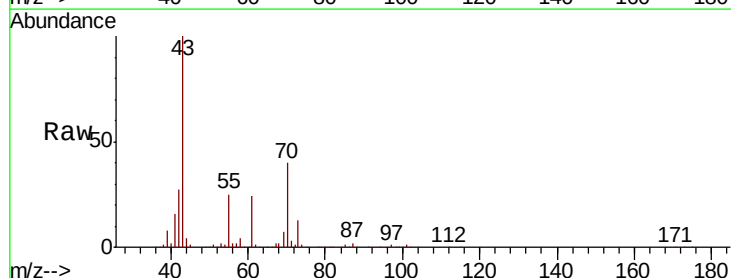
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

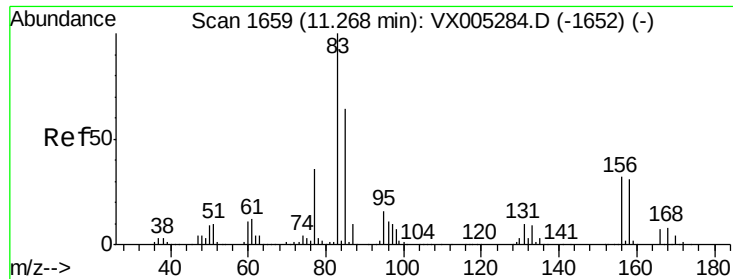
Tot Ion:105 Resp: 239864
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#74
N-ethyl acetate
Concen: 19.106 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion: 43 Resp: 105383
Ion Ratio Lower Upper
43 100
70 41.7 37.4 56.0
55 26.1 21.8 32.8
61 24.0 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.936 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

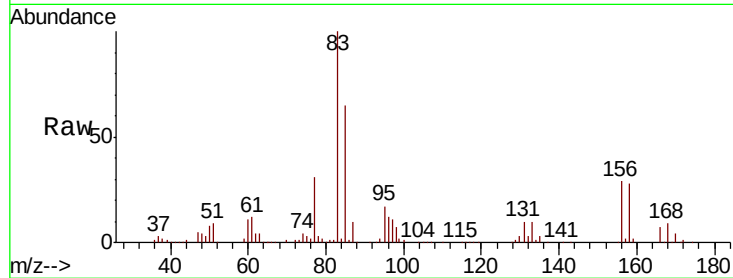
Tot Ion: 83 Resp: 81689

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

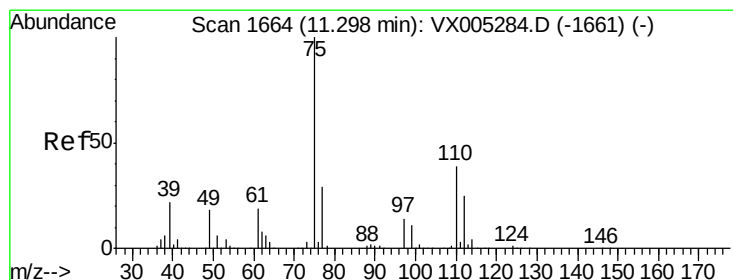
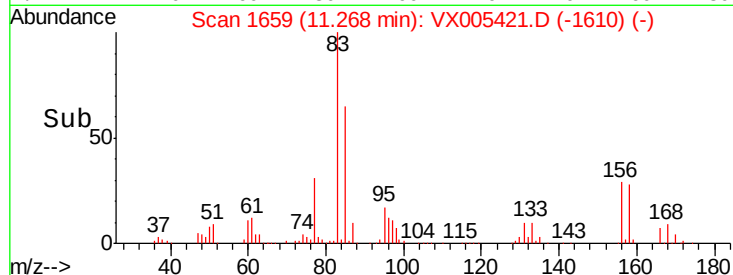
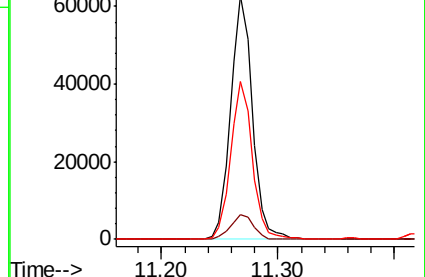
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.579 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005421.D

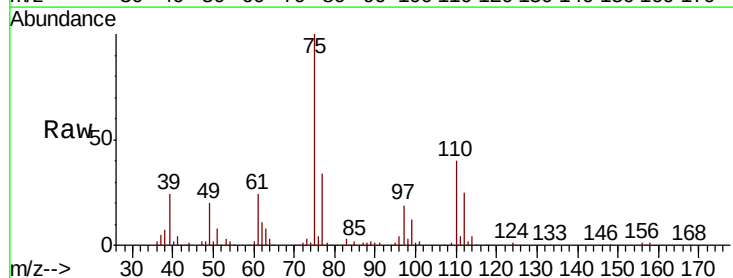
Acq: 18 Oct 2018 11:17

Tgt Ion: 75 Resp: 95443

Ion Ratio Lower Upper

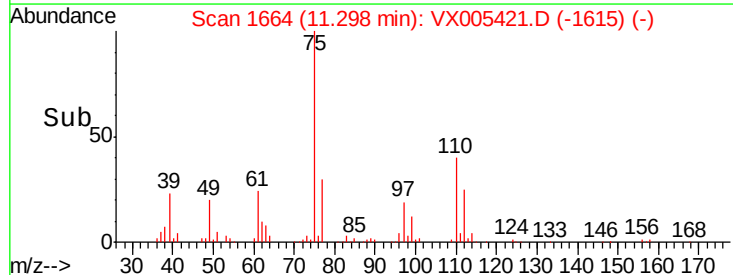
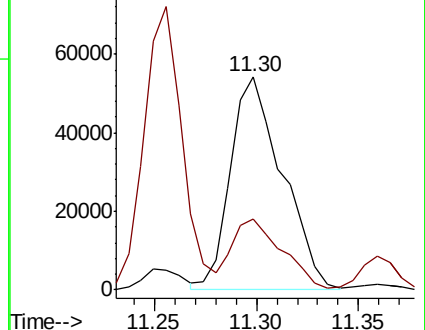
75 100

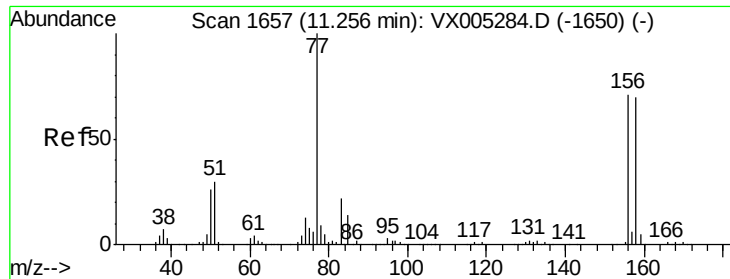
77 32.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.202 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

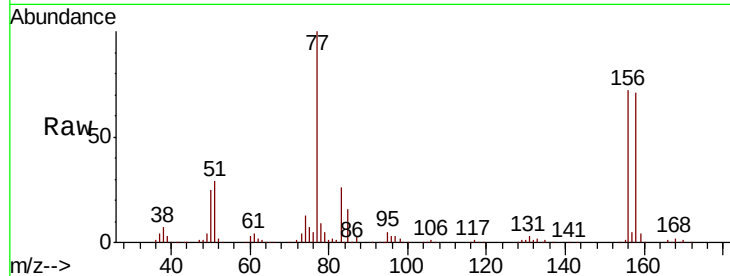
Tot Ion:156 Resp: 66057

Ion Ratio Lower Upper

156 100

77 141.3 71.5 214.3

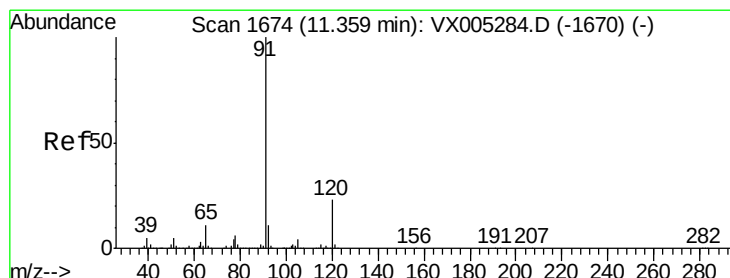
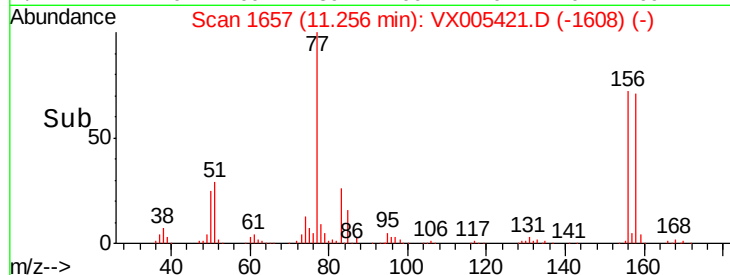
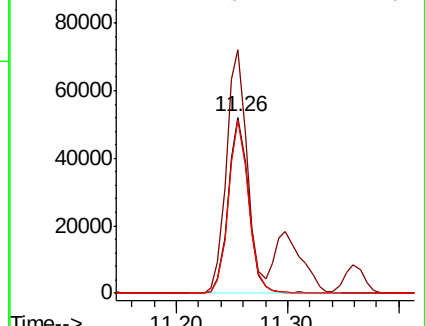
158 97.9 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.599 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005421.D

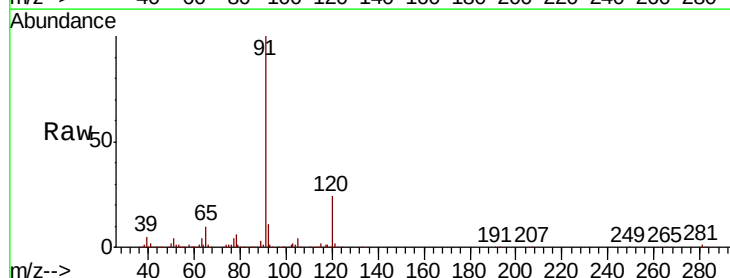
Acq: 18 Oct 2018 11:17

Tgt Ion: 91 Resp: 271068

Ion Ratio Lower Upper

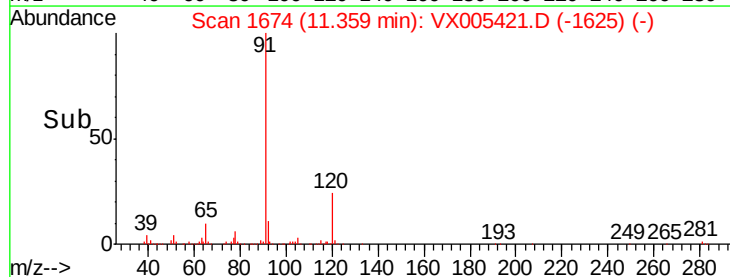
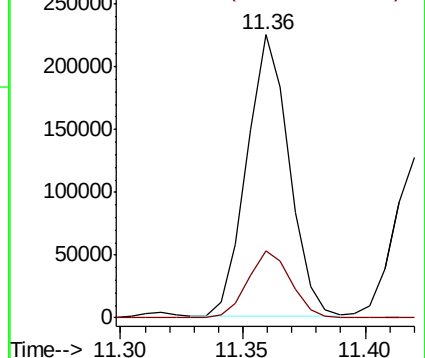
91 100

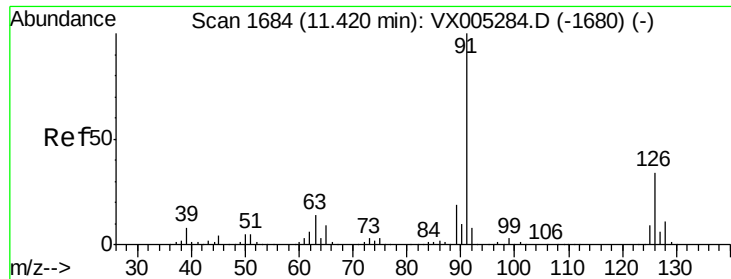
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

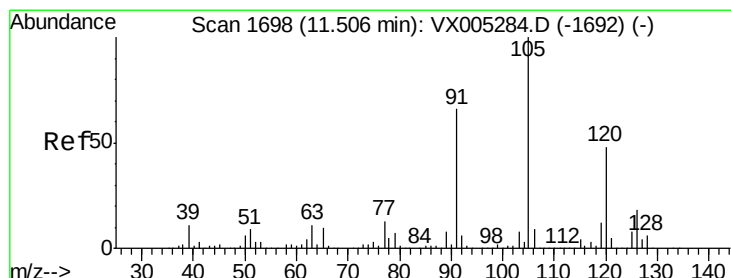
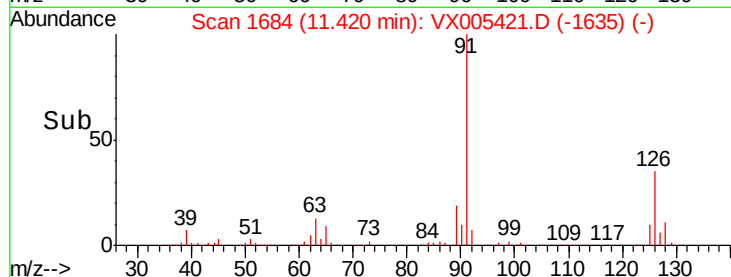
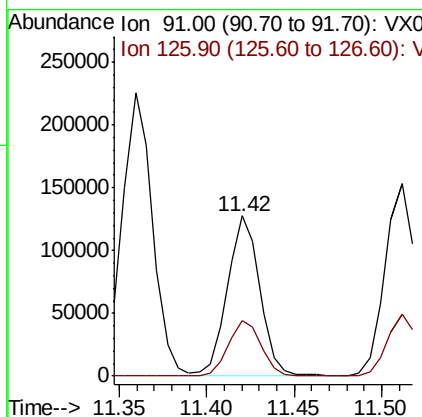
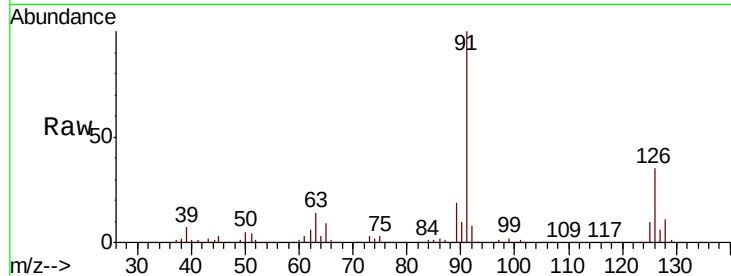




#79
 2-Chlorotoluene
 Concen: 20.121 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

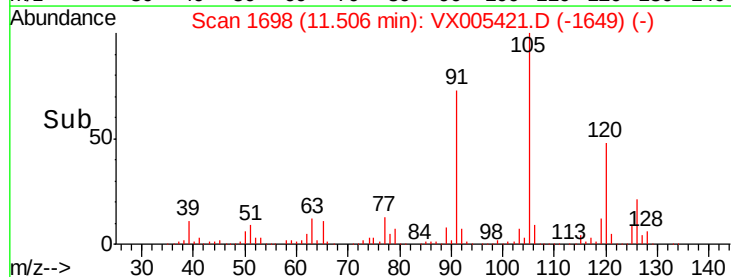
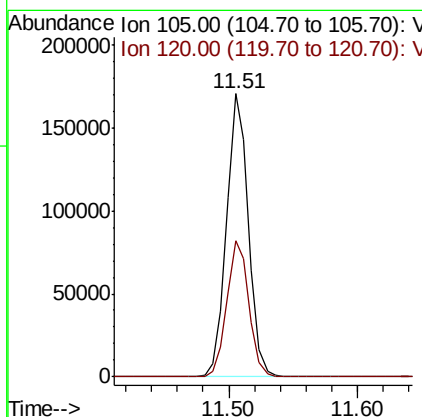
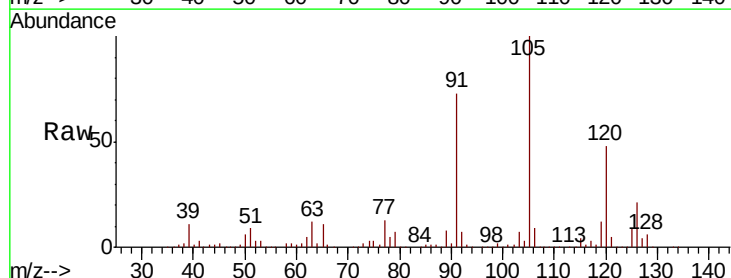
Instrument :
 MSVOA_X
 ClientSampled :
 VX1018MBS01

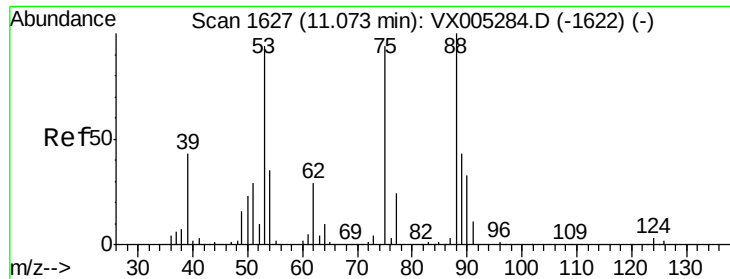
Tot Ion: 91 Resp: 162164
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.771 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Tgt Ion: 105 Resp: 203402
 Ion Ratio Lower Upper
 105 100
 120 48.9 25.6 76.8

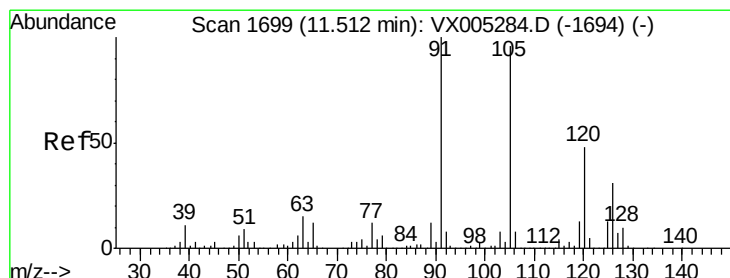
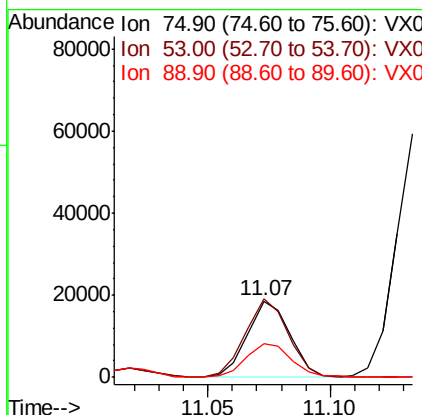
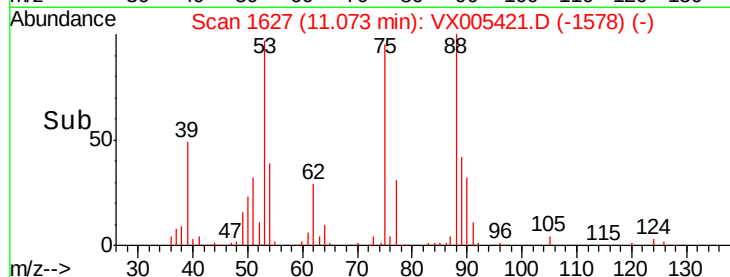
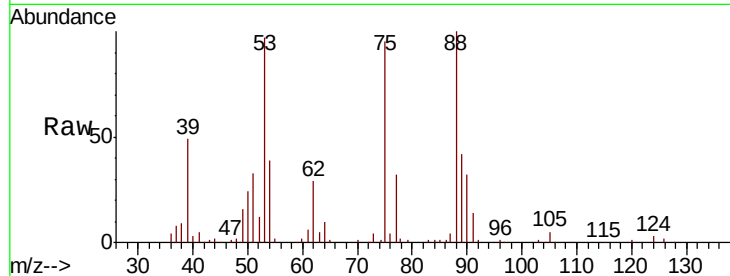




#81
trans-1,4-Dichloro-2-butene
Concen: 18.318 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

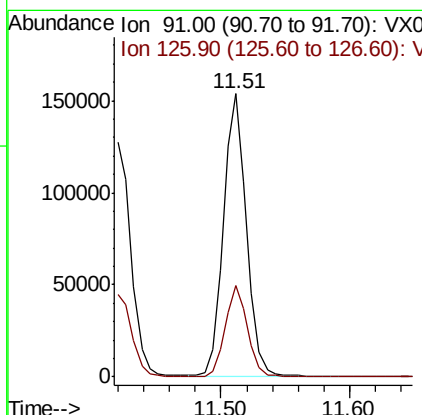
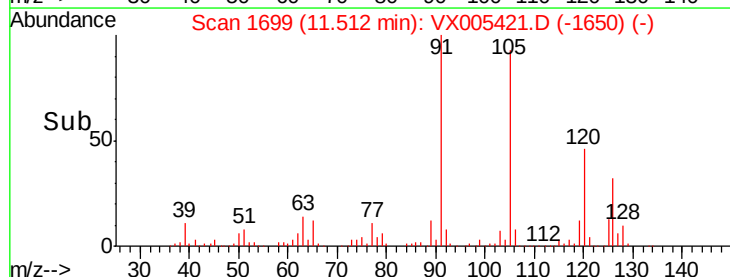
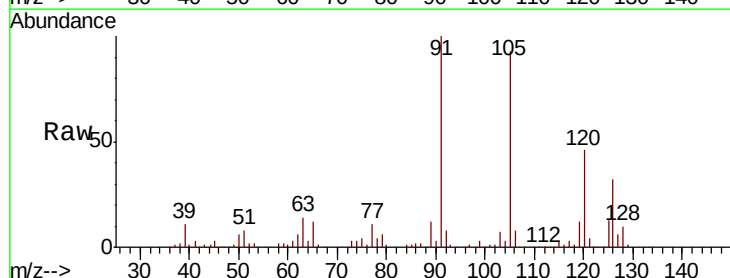
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

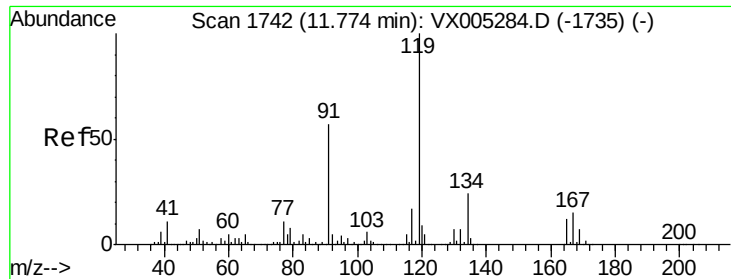
Tot Ion: 75 Resp: 22495
Ion Ratio Lower Upper
75 100
53 103.0 80.1 120.1
89 48.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.221 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion: 91 Resp: 193181
Ion Ratio Lower Upper
91 100
126 31.3 15.5 46.5

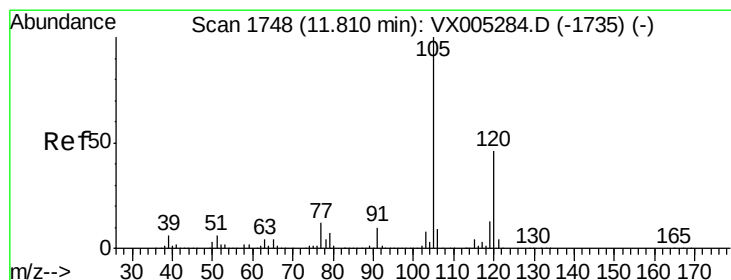
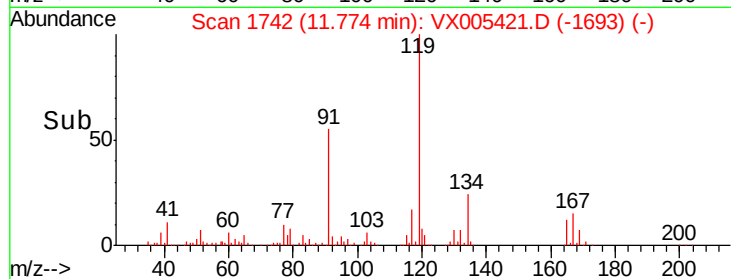
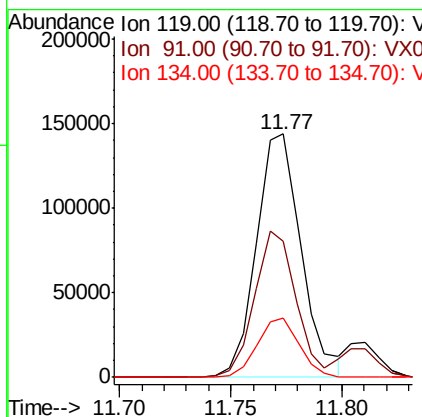
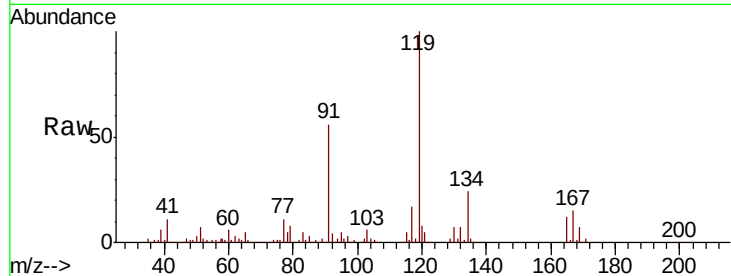




#83
 tert-Butylbenzene
 Concen: 20.290 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

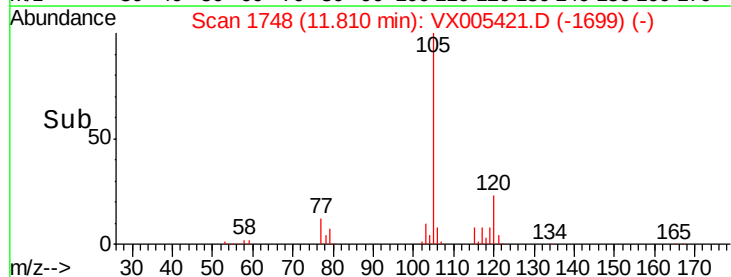
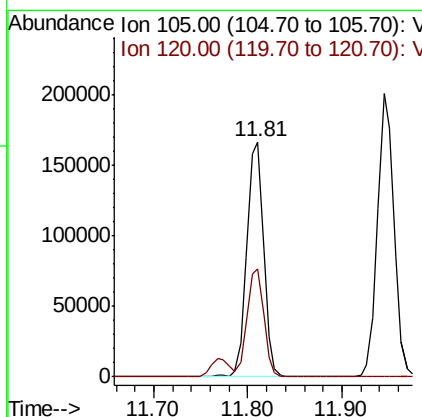
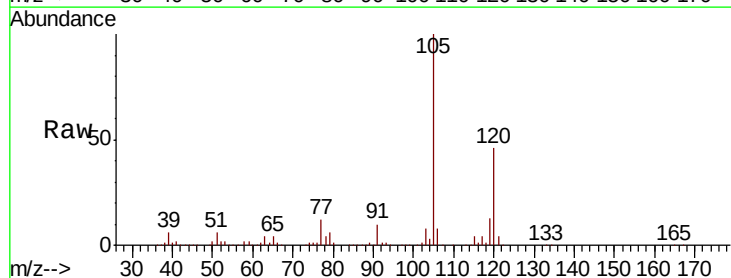
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

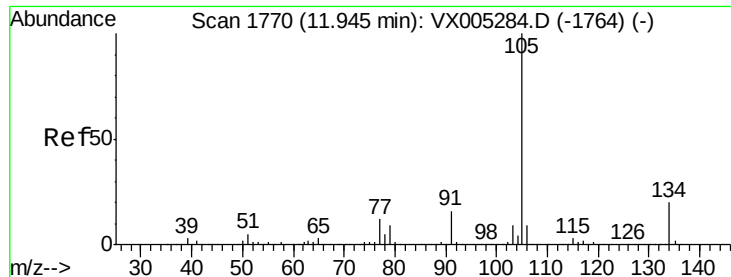
Tot Ion:119 Resp: 201211
 Ion Ratio Lower Upper
 119 100
 91 55.4 27.0 81.0
 134 23.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.638 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Tgt Ion:105 Resp: 207987
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.829 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

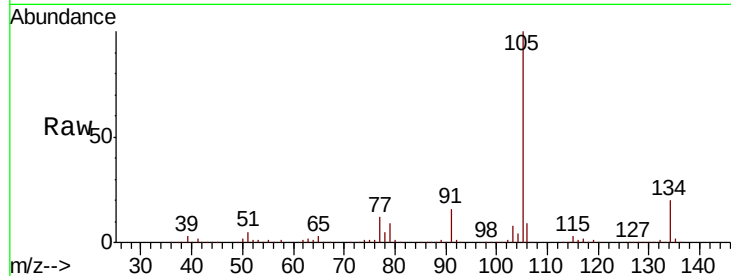
VX1018MBS01

Tot Ion:105 Resp: 244440

Ion Ratio Lower Upper

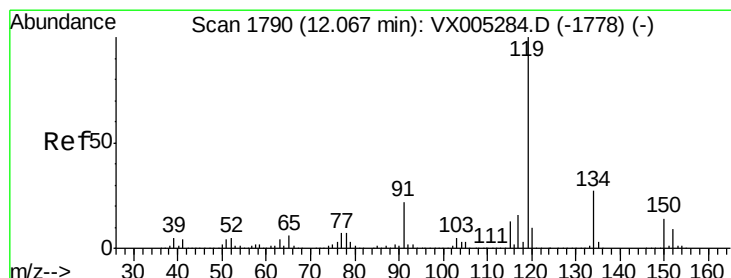
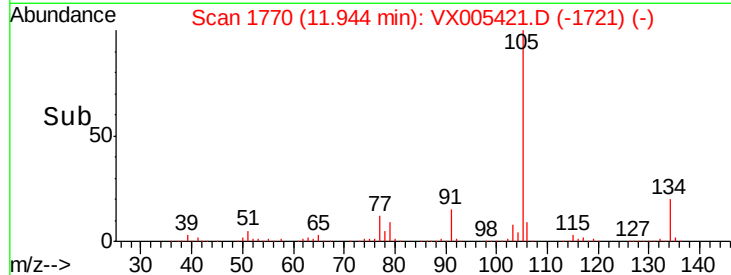
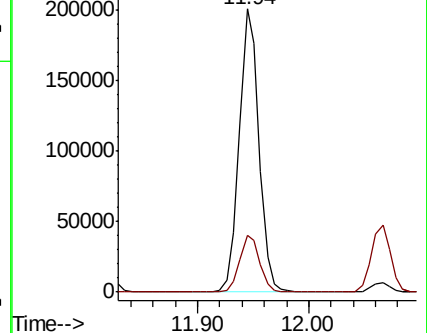
105 100

134 20.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.901 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

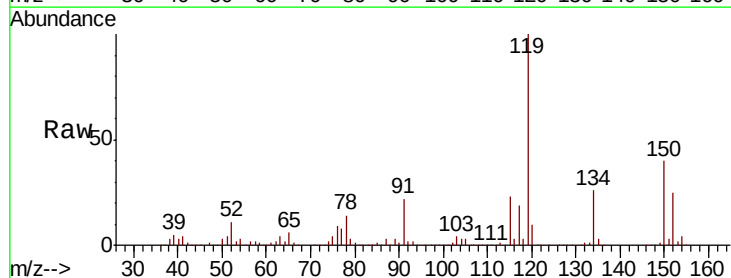
Tgt Ion:119 Resp: 221698

Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

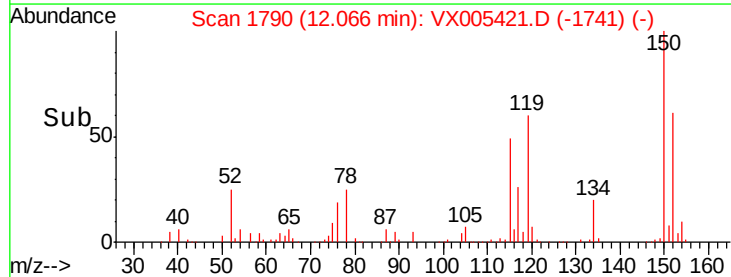
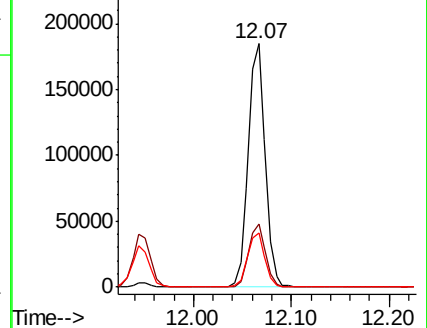
91 22.9 10.9 32.7

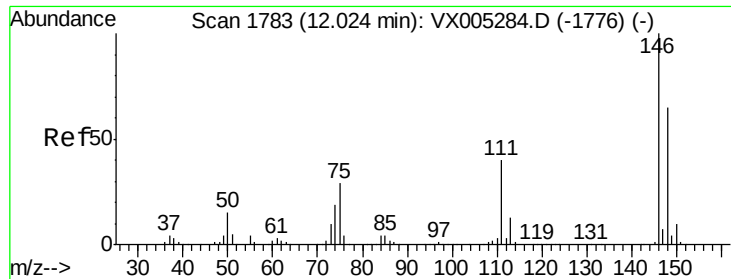


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

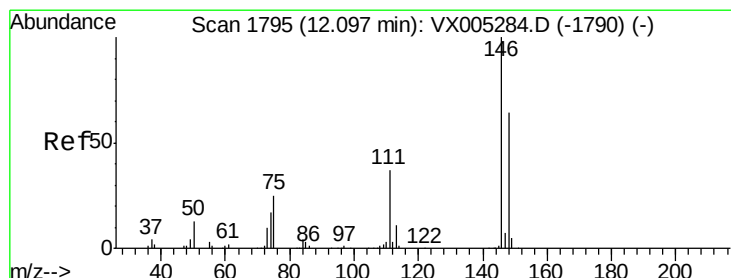
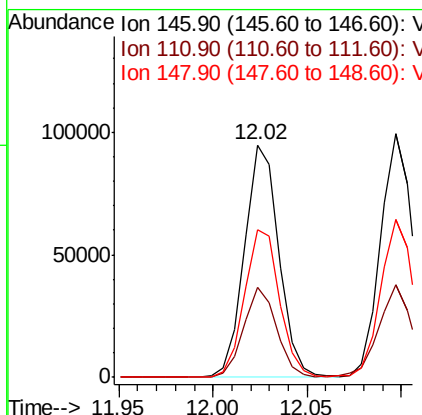
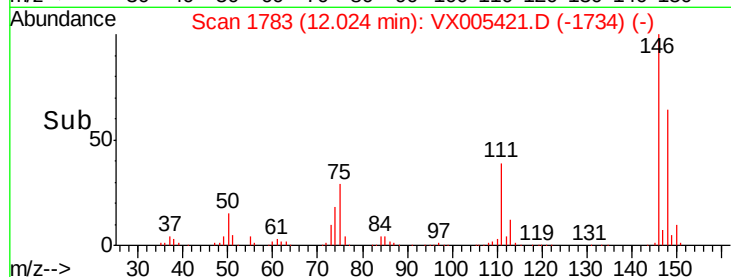
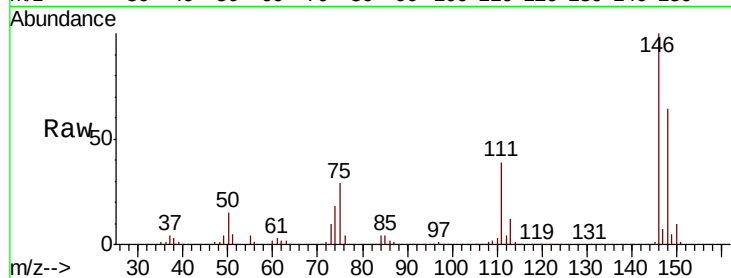




#87
 1,3-Dichlorobenzene
 Concen: 19.661 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

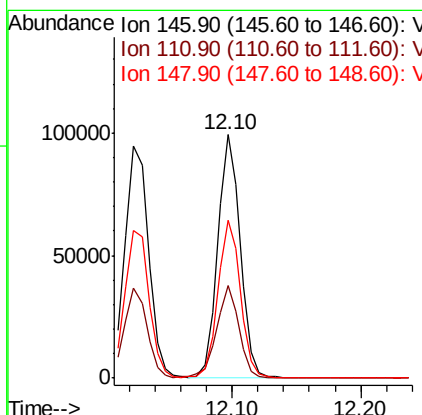
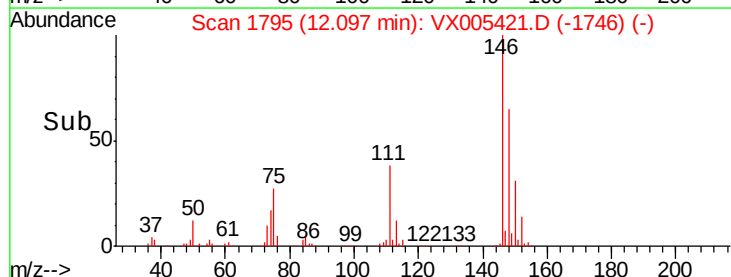
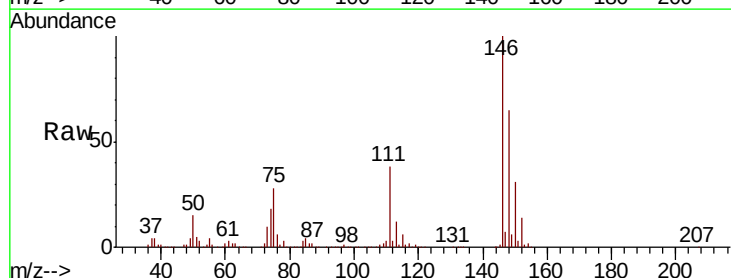
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

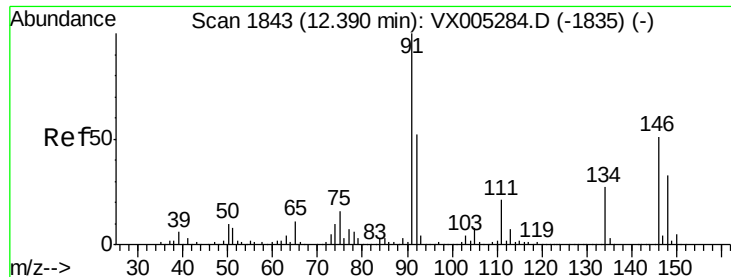
Tot Ion:146 Resp: 120125
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.7 56.1
 148 64.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.645 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Tgt Ion:146 Resp: 122794
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.1 54.1
 148 65.0 32.0 96.0





#89

n-Butylbenzene

Concen: 19.574 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005421.D

Acq: 18 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

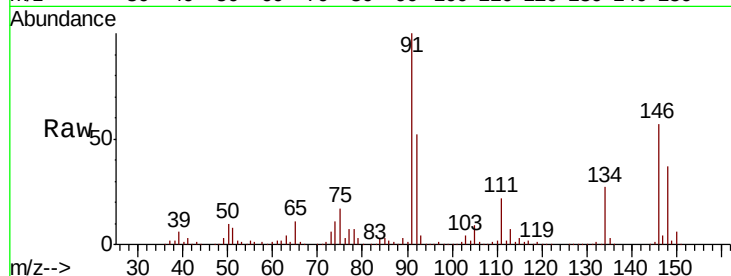
Tot Ion: 91 Resp: 188512

Ion Ratio Lower Upper

91 100

92 52.8 27.3 81.9

134 26.8 13.6 40.7

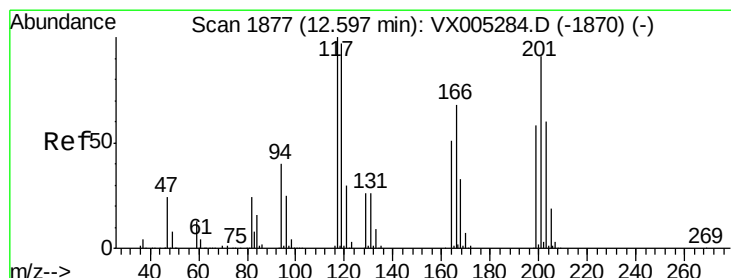
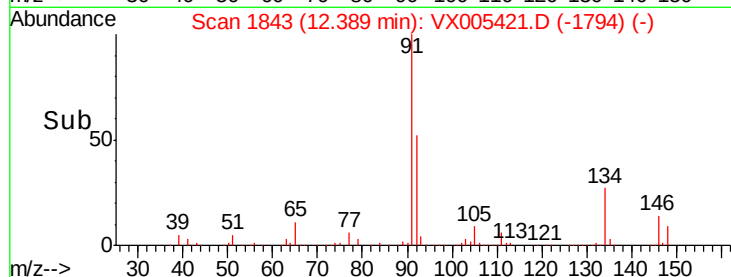
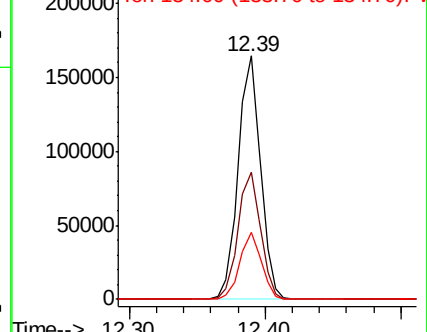


Abundance

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: 18.391 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005421.D

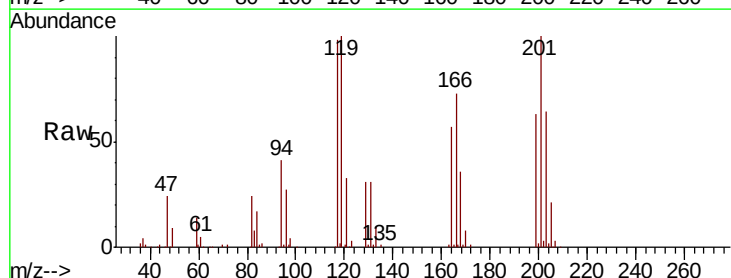
Acq: 18 Oct 2018 11:17

Tgt Ion: 117 Resp: 33620

Ion Ratio Lower Upper

117 100

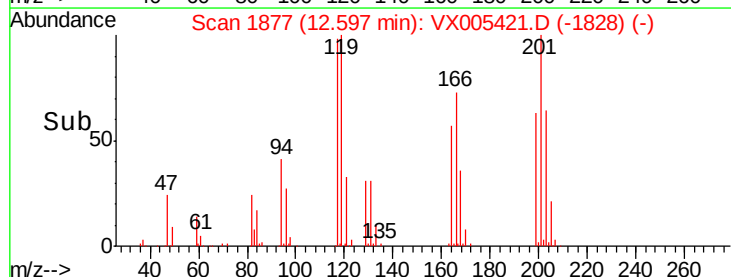
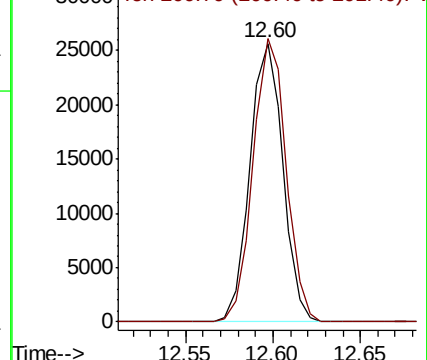
201 102.1 46.9 140.6

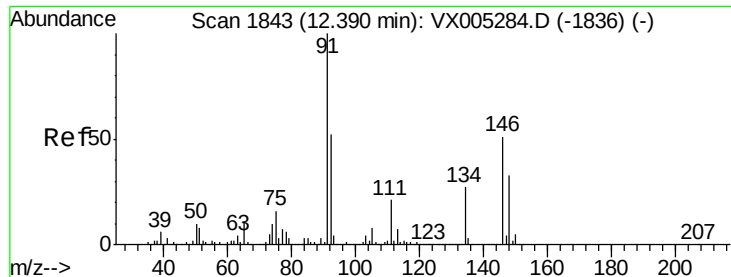


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

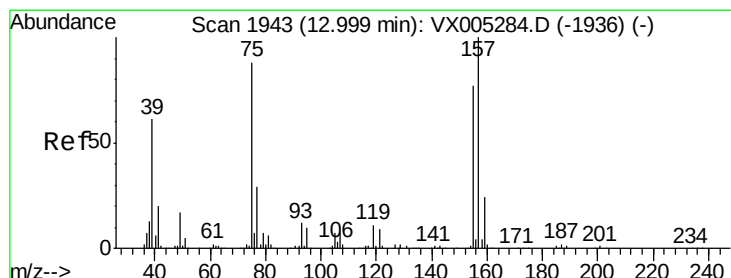
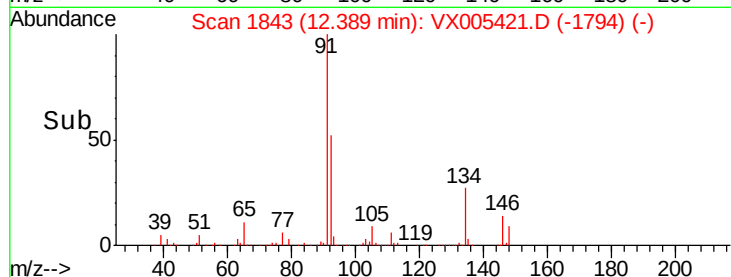
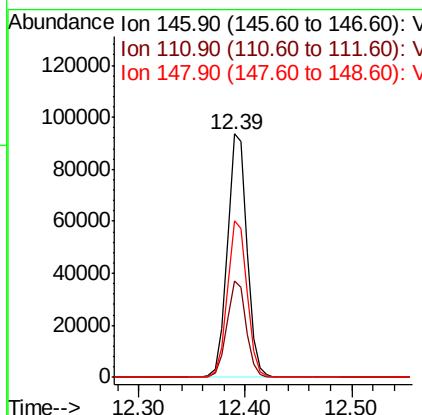
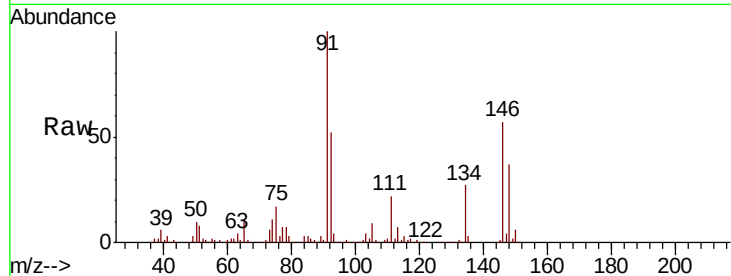




#91
 1,2-Dichlorobenzene
 Concen: 19.391 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

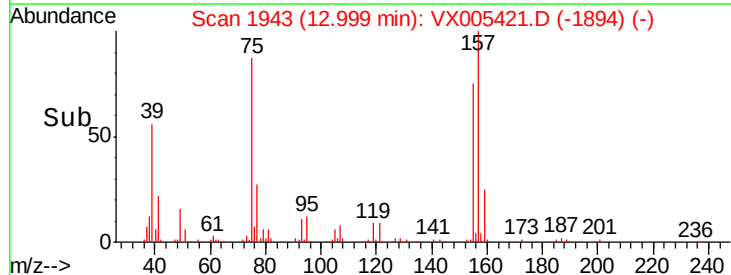
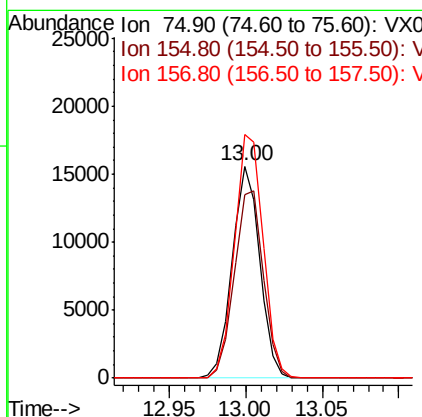
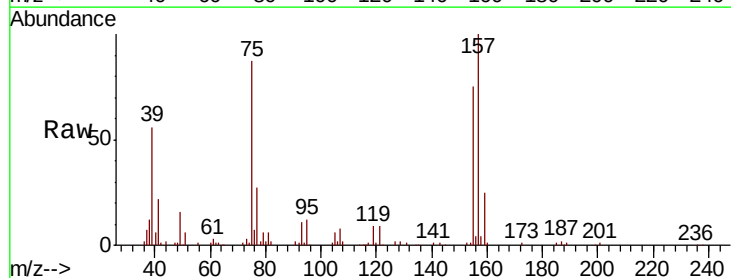
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

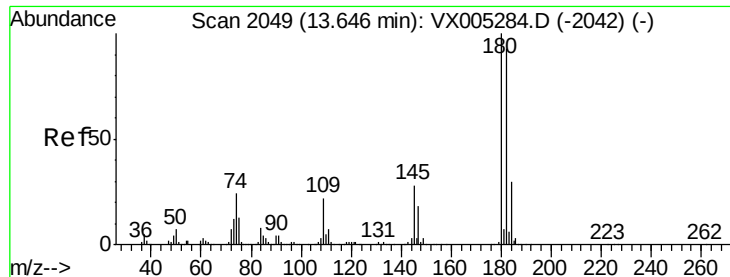
Tot Ion:146 Resp: 120902
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 64.6 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.533 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Tgt Ion: 75 Resp: 19502
 Ion Ratio Lower Upper
 75 100
 155 92.6 48.0 144.2
 157 119.0 61.4 184.1

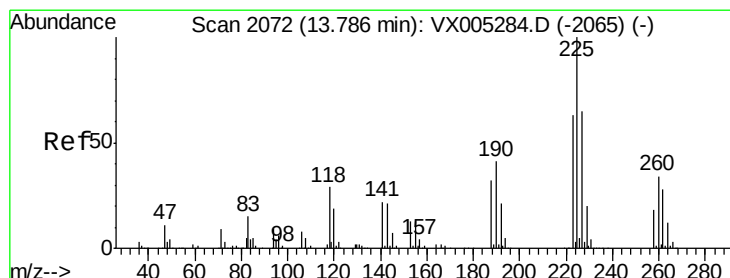
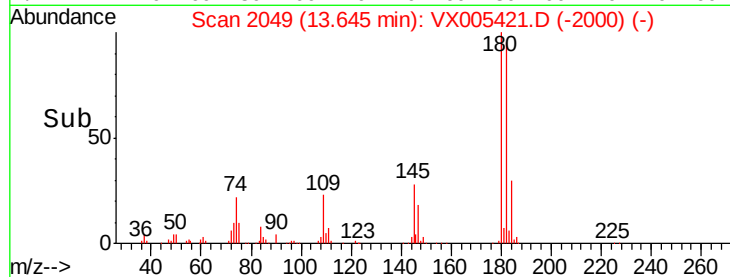
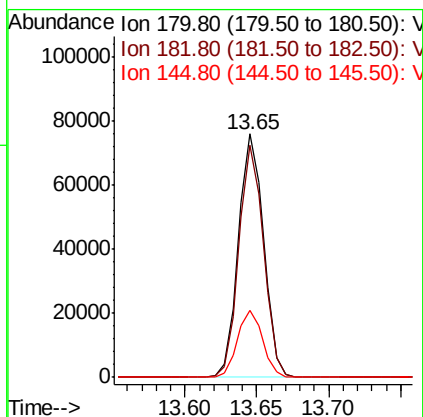
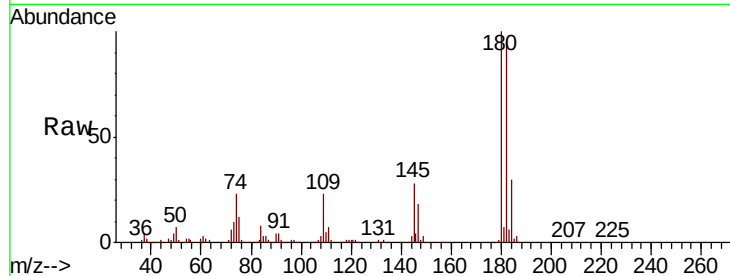




#93
 1,2,4-Trichlorobenzene
 Concen: 20.257 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

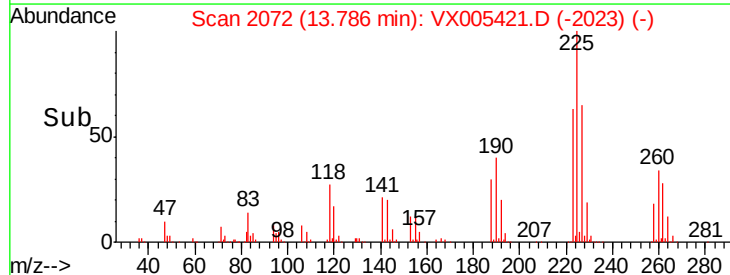
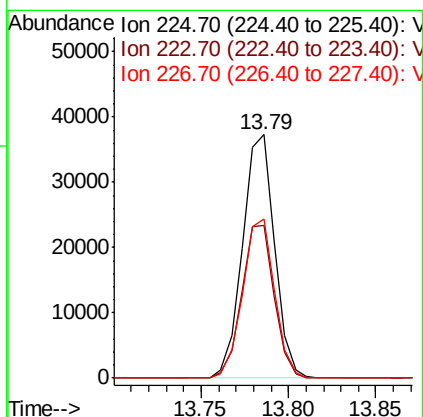
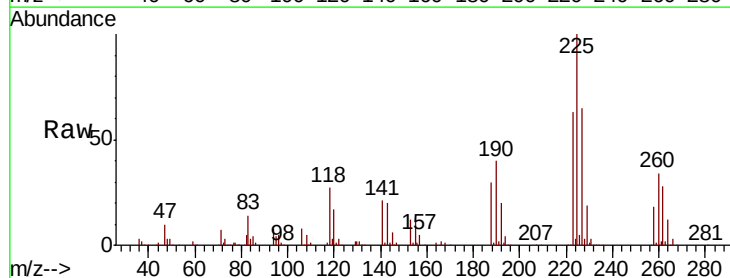
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

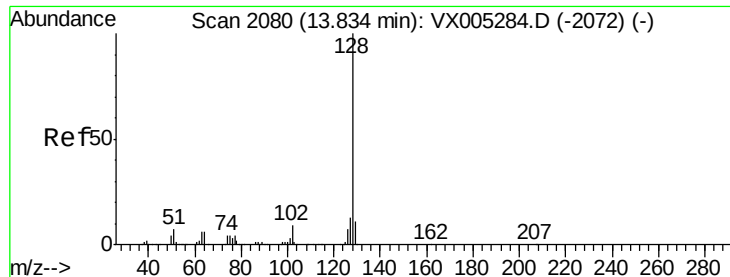
Tot Ion:180 Resp: 92663
 Ion Ratio Lower Upper
 180 100
 182 93.6 48.4 145.0
 145 27.5 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 19.554 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005421.D
 Acq: 18 Oct 2018 11:17

Tgt Ion:225 Resp: 47243
 Ion Ratio Lower Upper
 225 100
 223 63.7 30.1 90.5
 227 65.2 30.8 92.4

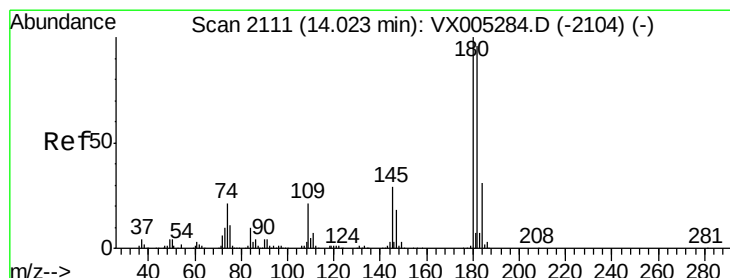
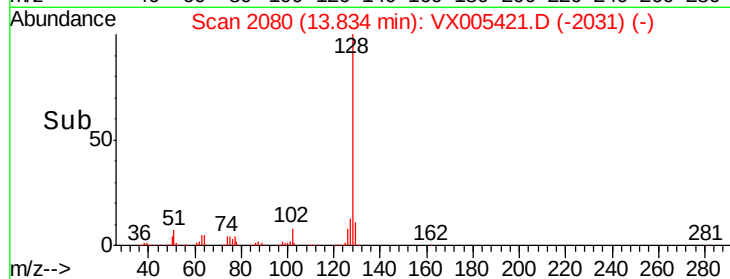
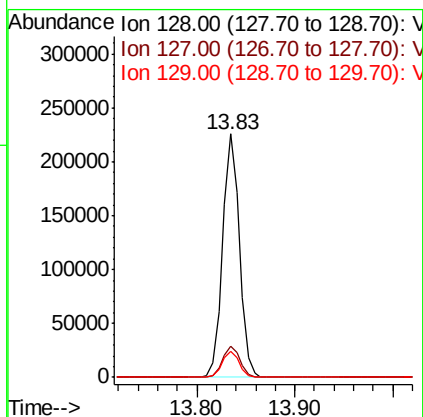
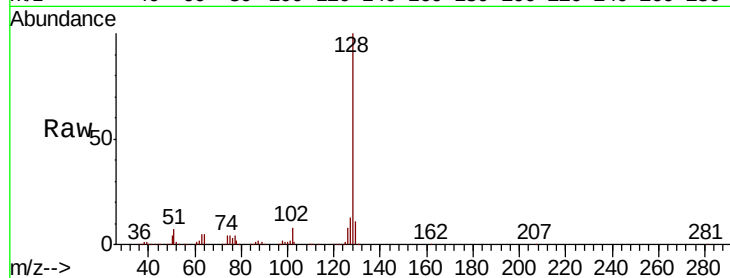




#95
Naphthalene
Concen: 20.221 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.264 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005421.D
Acq: 18 Oct 2018 11:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.5	145.6
145	29.3	14.9	44.9

