

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005245.D
 Acq On : 11 Oct 2018 10:20
 Operator : JC/MD
 Sample : VX1010WBS06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Quant Time: Oct 11 11:57:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	180142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177307	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	130492	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	112401	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	426048	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
62) 4-Bromofluorobenzene	11.14	95	165195	59.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.86%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	38739	15.77	ug/l	99
3) Chloromethane	1.32	50	51601	17.32	ug/l	99
4) Vinyl Chloride	1.40	62	47688	17.06	ug/l	97
5) Bromomethane	1.64	94	30052	18.13	ug/l	98
6) Chloroethane	1.71	64	28689	17.31	ug/l	94
7) Trichlorofluoromethane	1.92	101	60207	17.40	ug/l	96
8) Diethyl Ether	2.19	74	27570	18.34	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31595	16.03	ug/l	100
10) Methyl Iodide	2.51	142	40500	15.36	ug/l	91
11) Tert butyl alcohol	3.08	59	73764	102.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	33433	17.13	ug/l	94
13) Acrolein	2.29	56	42766	83.54	ug/l	93
14) Allyl chloride	2.73	41	78984	18.55	ug/l	94
15) Acrylonitrile	3.15	53	157129	99.20	ug/l	96
16) Acetone	2.45	43	158817	105.71	ug/l	93
17) Carbon Disulfide	2.56	76	90375	15.41	ug/l	100
18) Methyl Acetate	2.78	43	84143	22.11	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	136197	20.23	ug/l	96
20) Methylene Chloride	2.85	84	42599	18.98	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	36447	17.06	ug/l	# 80
22) Diisopropyl ether	3.87	45	128035	17.85	ug/l	98
23) Vinyl Acetate	3.82	43	589328	89.77	ug/l	98
24) 1,1-Dichloroethane	3.70	63	76564	17.90	ug/l	99
25) 2-Butanone	4.71	43	206307	93.16	ug/l	96
26) 2,2-Dichloropropane	4.59	77	52742	17.70	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	40537	16.98	ug/l	91
28) Bromochloromethane	5.02	49	35667	17.70	ug/l	100
29) Tetrahydrofuran	5.17	42	130369	94.72	ug/l	98
30) Chloroform	5.21	83	71156	17.60	ug/l	98
31) Cyclohexane	5.57	56	47666	14.56	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	56122	17.00	ug/l	96
36) 1,1-Dichloropropene	5.80	75	44815	14.15	ug/l	94
37) Ethyl Acetate	4.87	43	70763	16.83	ug/l	98
38) Carbon Tetrachloride	5.78	117	48143	14.46	ug/l	98

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Quant Time: Oct 11 11:57:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44213	13.67	ug/l	86
40) Benzene	6.13	78	154607	15.59	ug/l	91
41) Methacrylonitrile	5.06	41	38721	16.61	ug/l	97
42) 1,2-Dichloroethane	6.20	62	58786	16.77	ug/l	97
43) Isopropyl Acetate	6.47	43	95952	15.81	ug/l	96
44) Trichloroethene	7.21	130	39602	16.25	ug/l	92
45) 1,2-Dichloropropane	7.52	63	42132	17.33	ug/l	93
46) Dibromomethane	7.66	93	27497	18.00	ug/l	98
47) Bromodichloromethane	7.90	83	51424	17.98	ug/l	99
48) Methyl methacrylate	7.78	41	51525	18.71	ug/l	99
49) 1,4-Dioxane	7.76	88	25433	371.74	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	368550	96.47	ug/l	98
52) Toluene	8.79	92	95441	17.52	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	54867	16.97	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	61655	18.21	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	42354	17.75	ug/l	94
56) Ethyl methacrylate	9.18	69	58393	17.08	ug/l	98
57) 1,3-Dichloropropane	9.37	76	69504	17.50	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	163870	89.40	ug/l	98
59) 2-Hexanone	9.50	43	297767	93.54	ug/l	93
60) Dibromochloromethane	9.58	129	41977	17.59	ug/l	98
61) 1,2-Dibromoethane	9.68	107	43098	16.86	ug/l	95
64) Tetrachloroethene	9.33	164	39234	14.19	ug/l	95
65) Chlorobenzene	10.14	112	108926	15.12	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	39882	15.75	ug/l	99
67) Ethyl Benzene	10.26	91	169678	14.84	ug/l	96
68) m/p-Xylenes	10.36	106	135860	30.40	ug/l	95
69) o-Xylene	10.70	106	65244	15.89	ug/l	100
70) Styrene	10.71	104	111527	16.05	ug/l	99
71) Bromoform	10.86	173	34104	15.73	ug/l #	97
73) Isopropylbenzene	11.02	105	172270	15.41	ug/l	99
74) N-amyl acetate	10.90	43	83449	14.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	69542	15.29	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	78677	19.80	ug/l	85
77) Bromobenzene	11.26	156	51828	15.97	ug/l	98
78) n-propylbenzene	11.36	91	197011	15.36	ug/l	98
79) 2-Chlorotoluene	11.42	91	125419	15.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	151364	14.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18189	13.97	ug/l	96
82) 4-Chlorotoluene	11.51	91	148443	15.78	ug/l	100
83) tert-Butylbenzene	11.77	119	144645	15.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	157461	14.77	ug/l	99
85) sec-Butylbenzene	11.95	105	170490	15.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	154019	15.17	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	93391	15.41	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	94804	15.15	ug/l	99
89) n-Butylbenzene	12.39	91	129769	14.07	ug/l	99
90) Hexachloroethane	12.60	117	25194	14.90	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	95038	15.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16784	16.80	ug/l	98

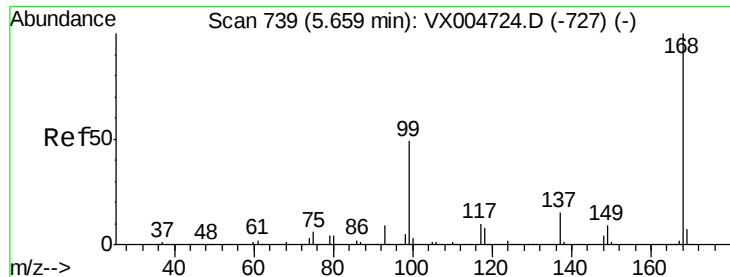
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66866	15.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	31448	13.65	ug/l	100
95) Naphthalene	13.83	128	209991	14.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71552	15.59	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

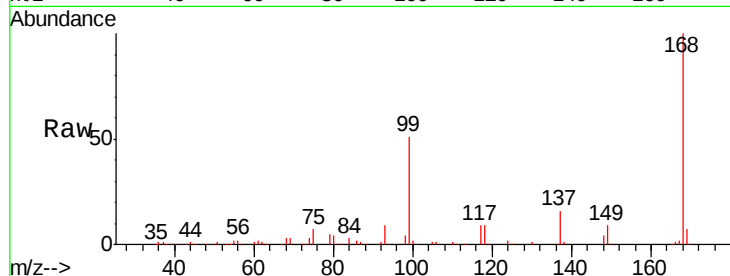
VX1010WBS06

Tgt Ion:168 Resp: 180142

Ion Ratio Lower Upper

168 100

99 51.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

40000

20000

0

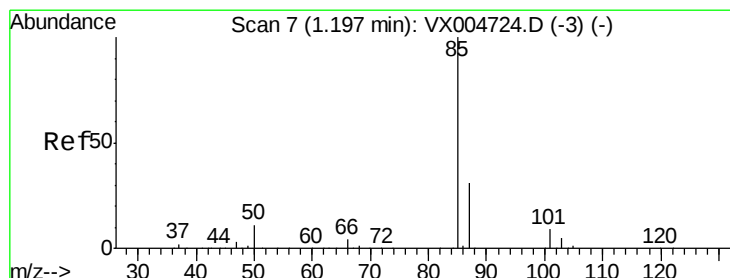
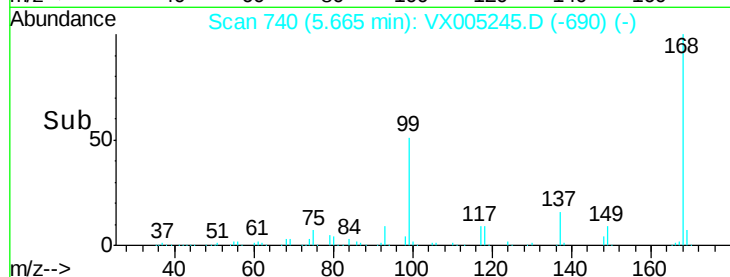
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 15.77 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005245.D

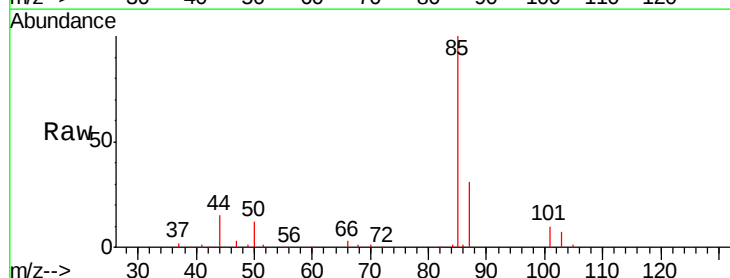
Acq: 11 Oct 2018 10:20

Tgt Ion: 85 Resp: 38739

Ion Ratio Lower Upper

85 100

87 30.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

20000

10000

0

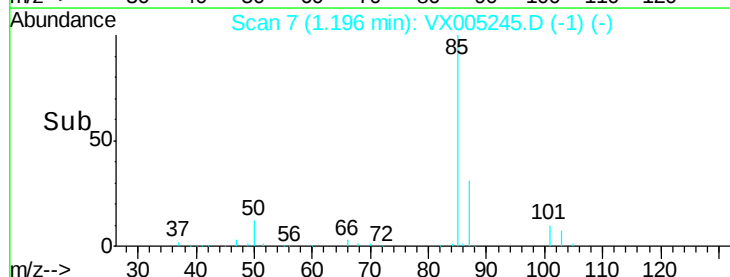
Time-->

1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 17.32 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

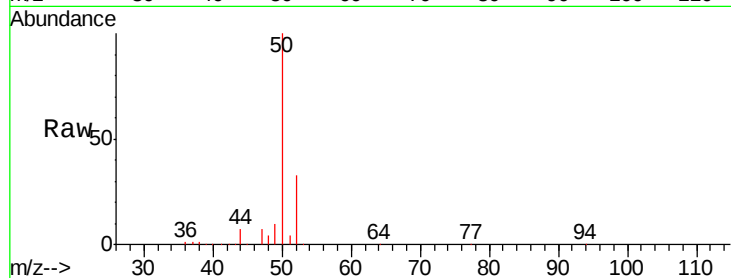
VX1010WBS06

Tgt Ion: 50 Resp: 51601

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

40000

30000

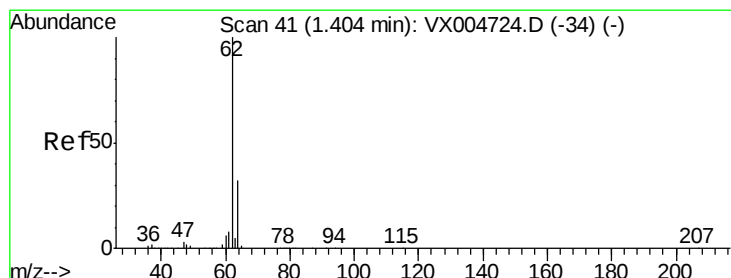
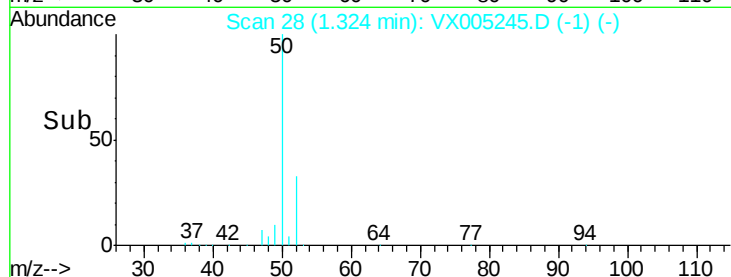
20000

10000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 17.06 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005245.D

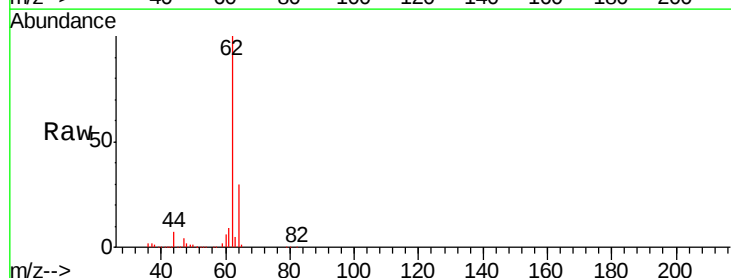
Acq: 11 Oct 2018 10:20

Tgt Ion: 62 Resp: 47688

Ion Ratio Lower Upper

62 100

64 30.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

40000

30000

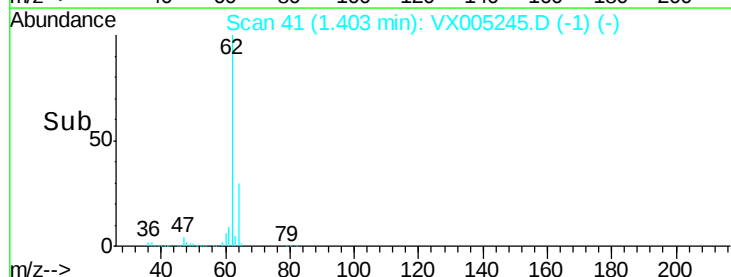
20000

10000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 18.13 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

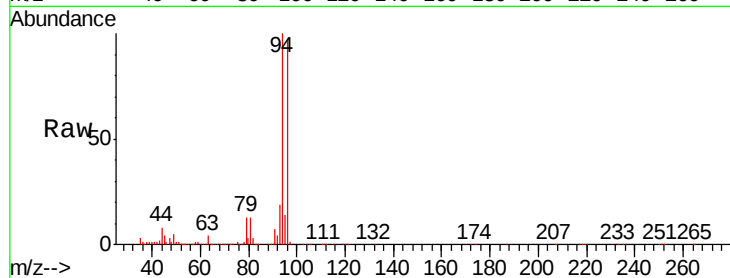
VX1010WBS06

Tgt Ion: 94 Resp: 30052

Ion Ratio Lower Upper

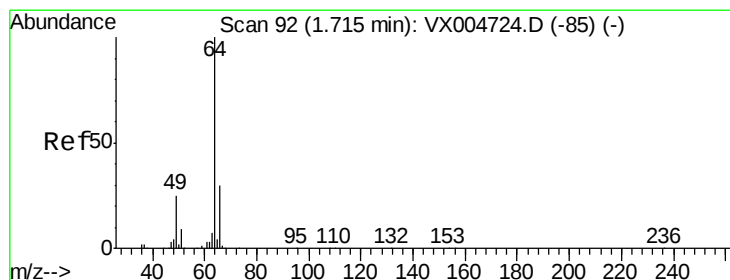
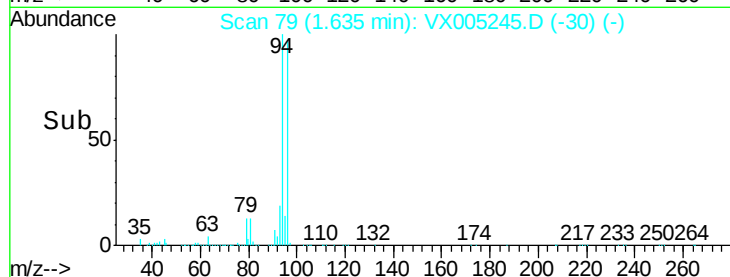
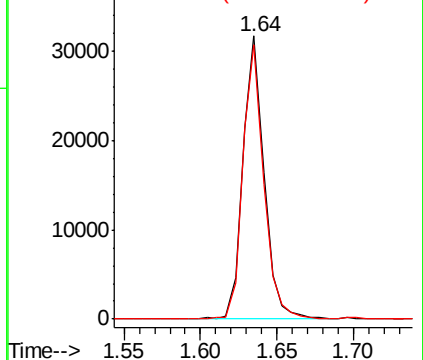
94 100

96 97.1 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.31 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005245.D

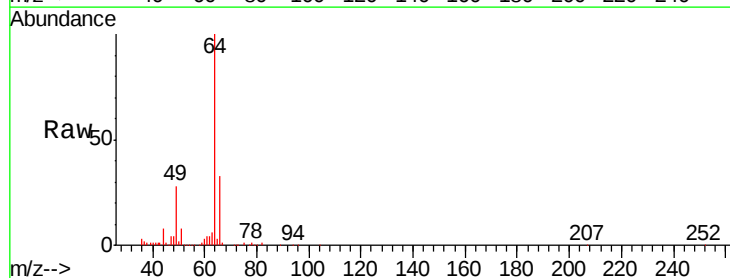
Acq: 11 Oct 2018 10:20

Tgt Ion: 64 Resp: 28689

Ion Ratio Lower Upper

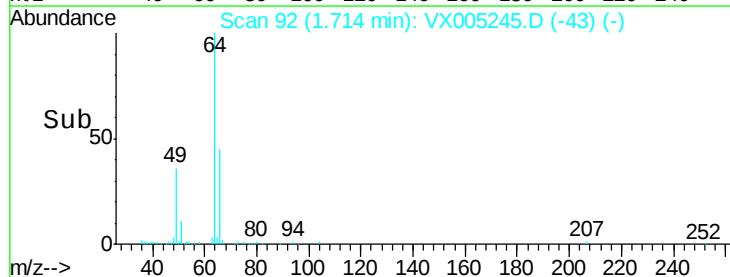
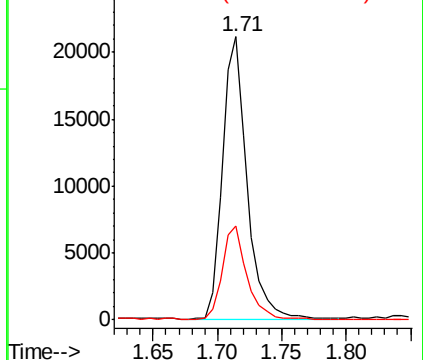
64 100

66 32.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 17.40 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

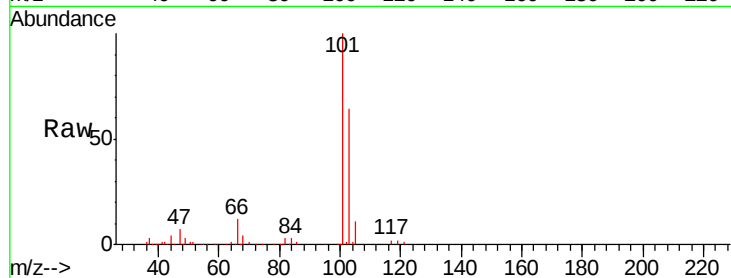
VX1010WBS06

Tgt Ion:101 Resp: 60207

Ion Ratio Lower Upper

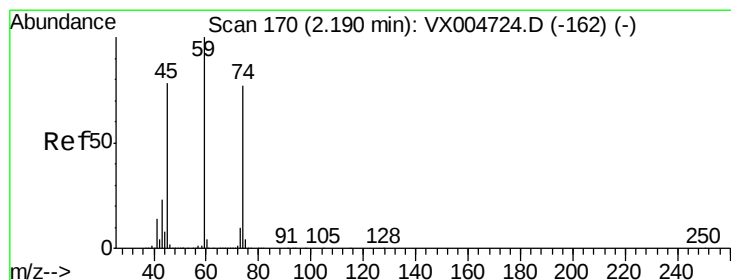
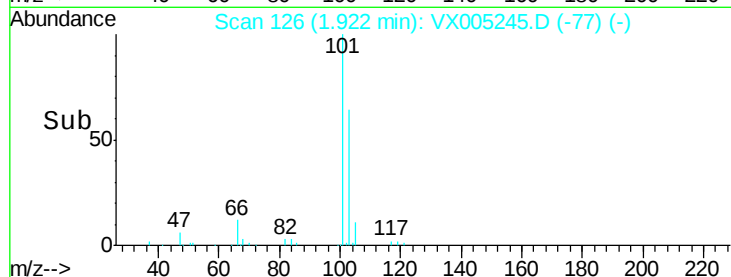
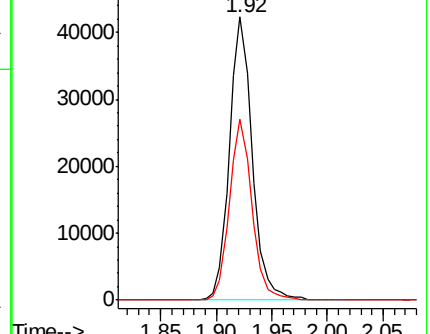
101 100

103 63.8 48.4 72.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.34 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005245.D

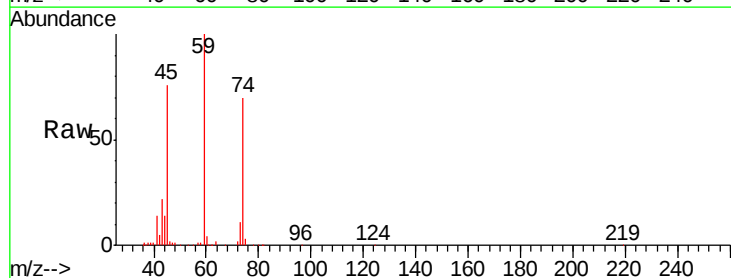
Acq: 11 Oct 2018 10:20

Tgt Ion: 74 Resp: 27570

Ion Ratio Lower Upper

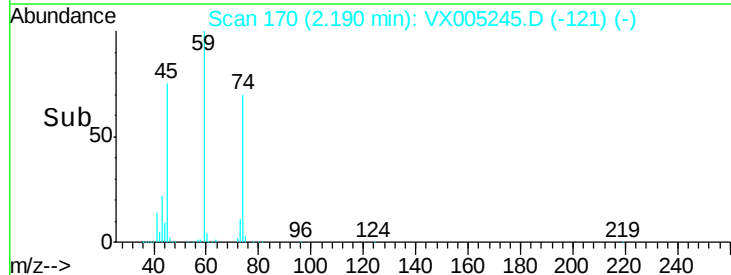
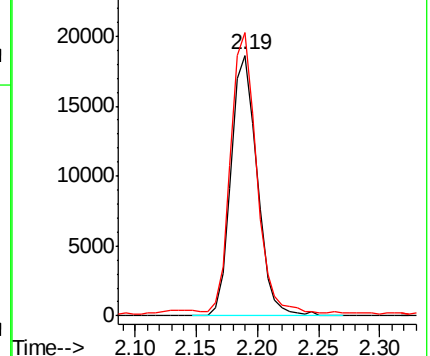
74 100

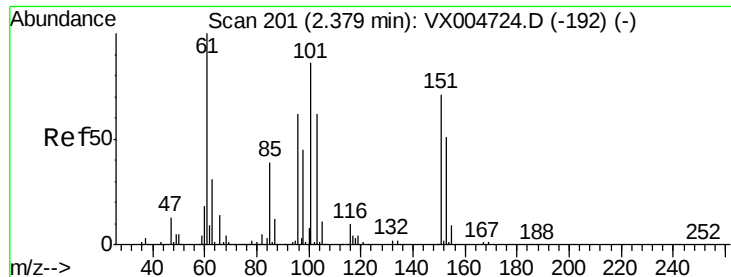
45 106.0 52.5 157.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.03 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

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ClientSampleId :

VX1010WBS06

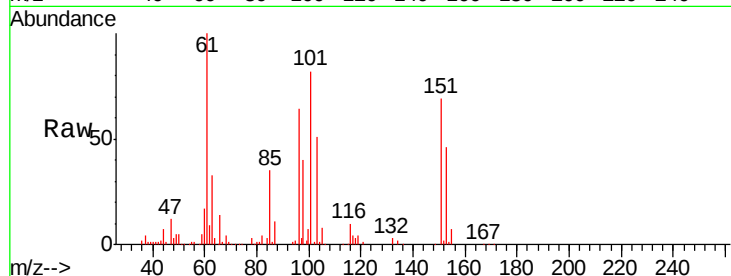
Tgt Ion:101 Resp: 31595

Ion Ratio Lower Upper

101 100

85 44.4 35.9 53.9

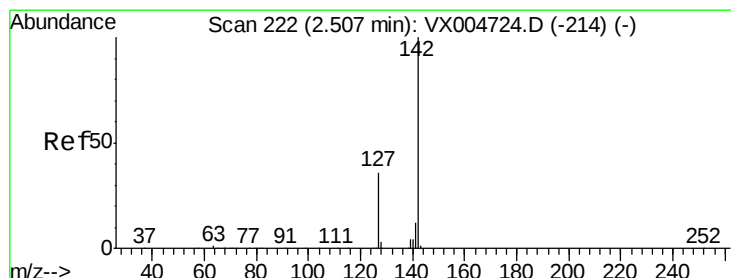
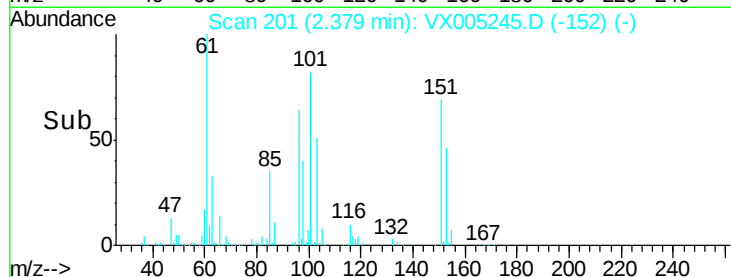
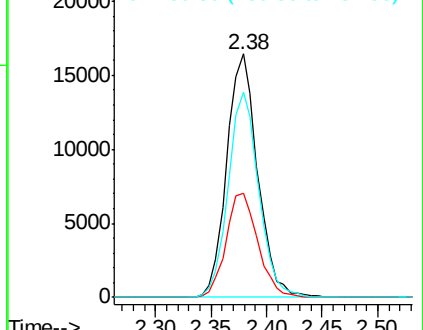
151 83.5 66.6 100.0



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: 15.36 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

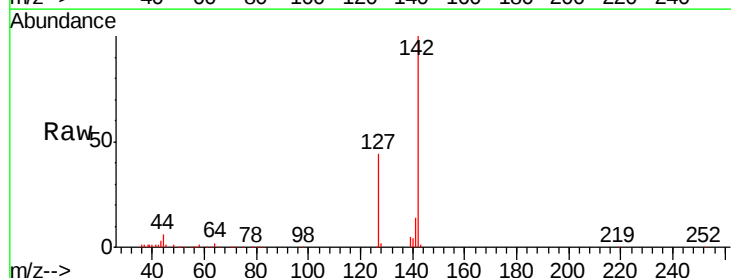
Tgt Ion:142 Resp: 40500

Ion Ratio Lower Upper

142 100

127 43.8 30.1 45.1

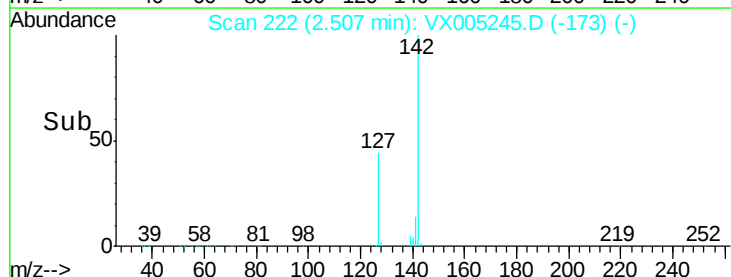
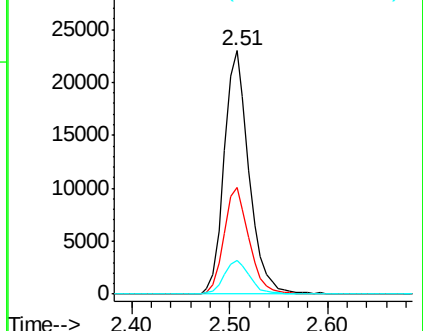
141 14.3 10.1 15.1

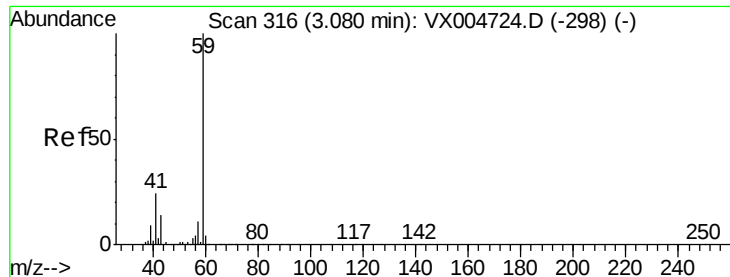


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

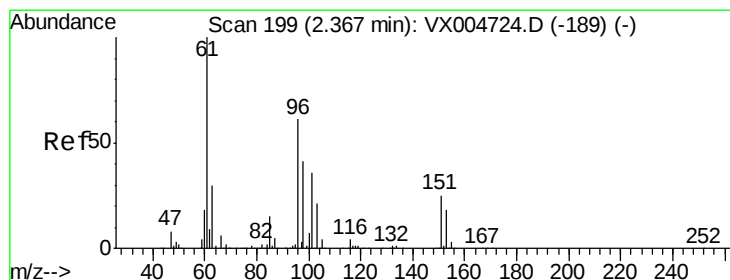
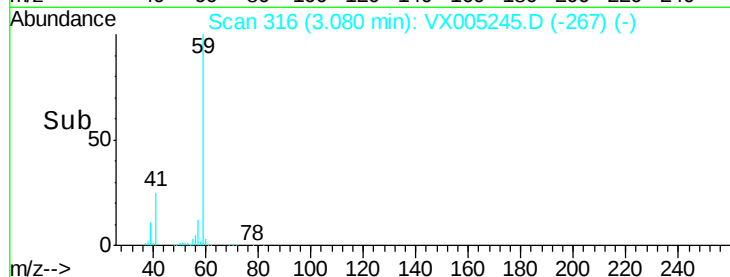
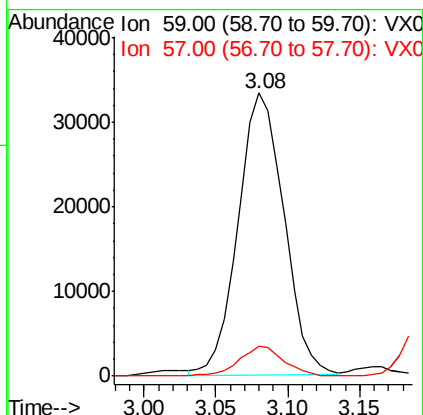
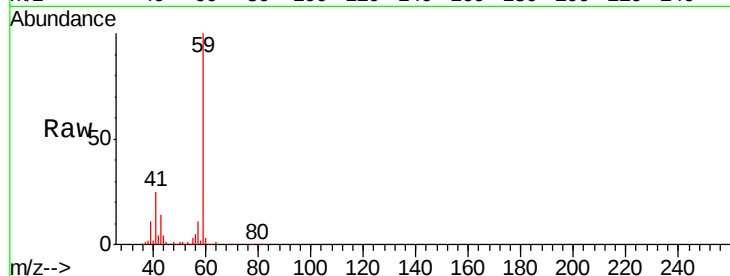




#11
Tert butyl alcohol
Concen: 102.52 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

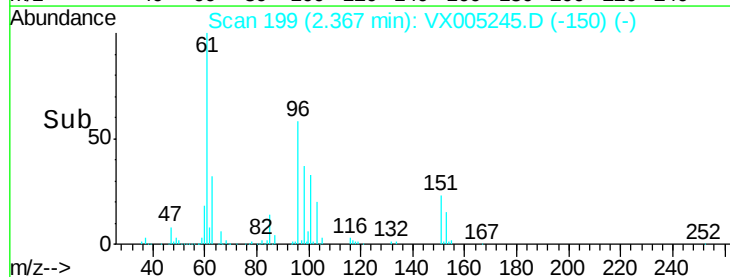
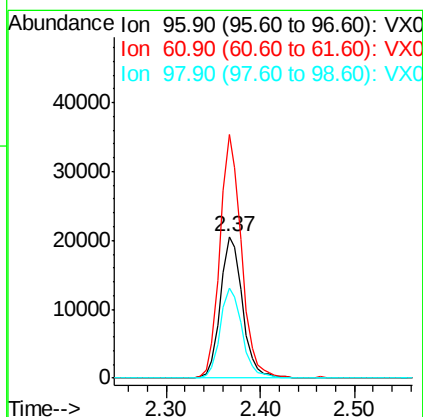
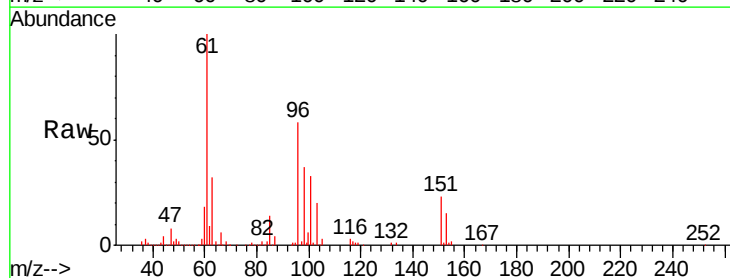
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

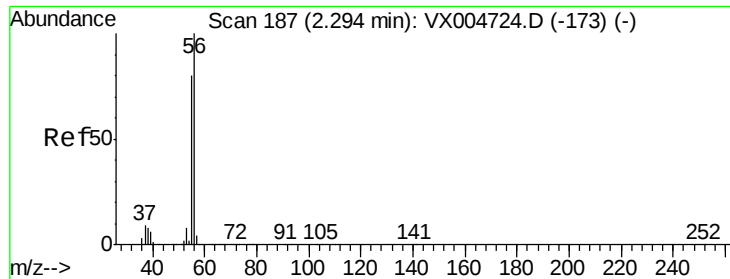
Tgt Ion: 59 Resp: 73764
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 17.13 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 96 Resp: 33433
Ion Ratio Lower Upper
96 100
61 172.3 130.2 195.4
98 64.0 53.4 80.0





#13

Acrolein

Concen: 83.54 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

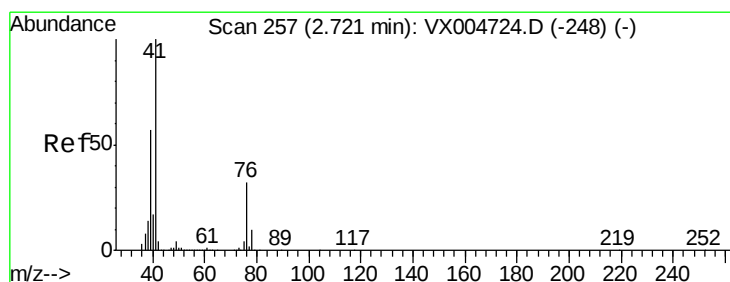
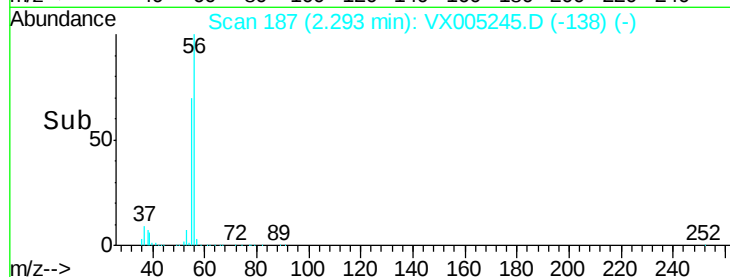
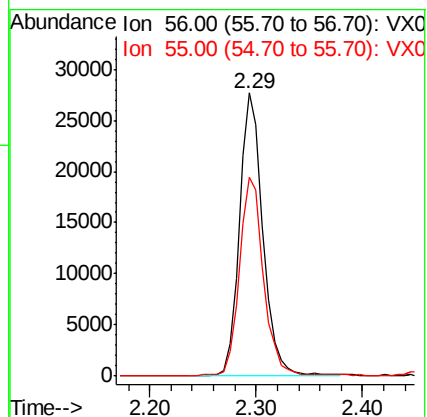
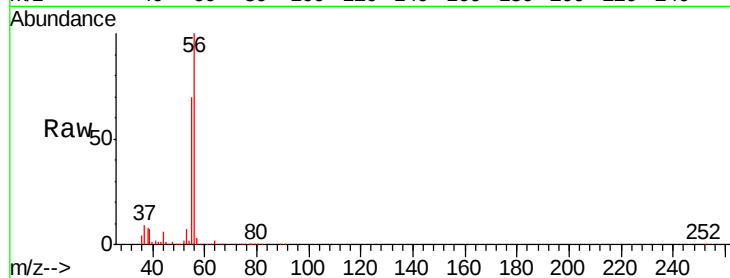
VX1010WBS06

Tgt Ion: 56 Resp: 42766

Ion Ratio Lower Upper

56 100

55 72.9 63.4 95.2



#14

Allyl chloride

Concen: 18.55 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

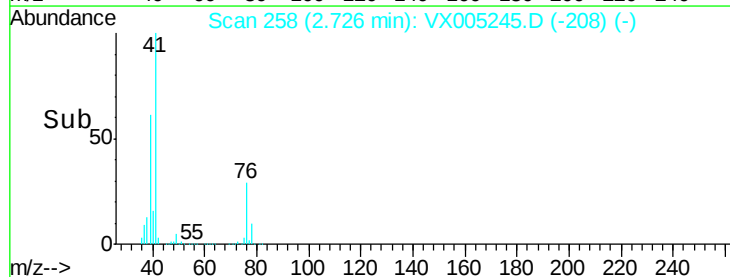
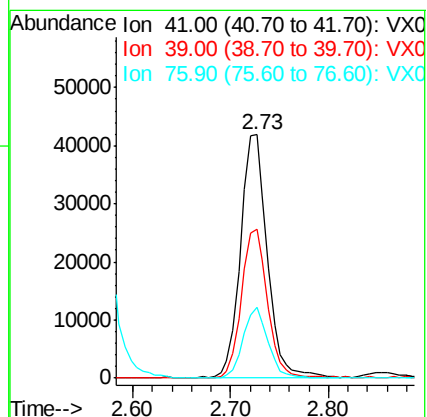
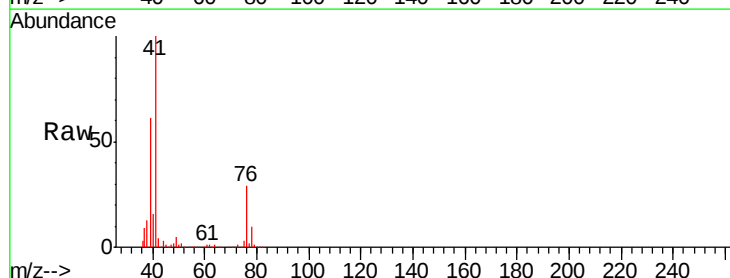
Tgt Ion: 41 Resp: 78984

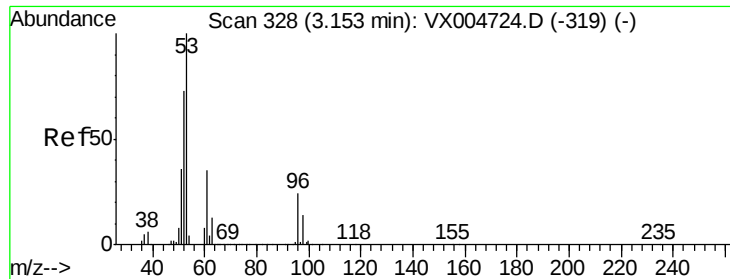
Ion Ratio Lower Upper

41 100

39 59.0 44.1 66.1

76 27.2 25.0 37.4





#15

Acrylonitrile

Concen: 99.20 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

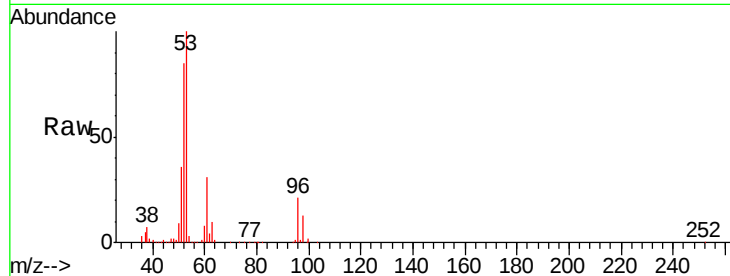
Tgt Ion: 53 Resp: 157129

Ion Ratio Lower Upper

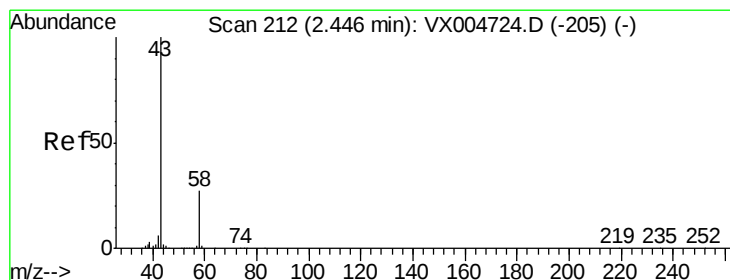
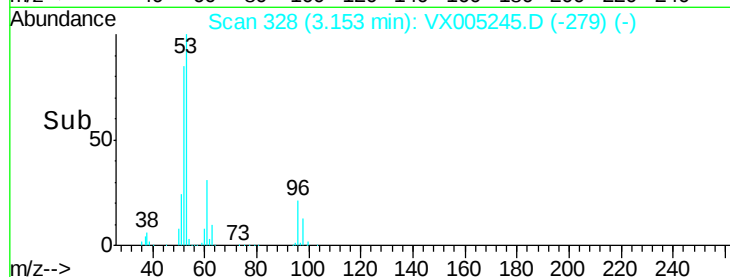
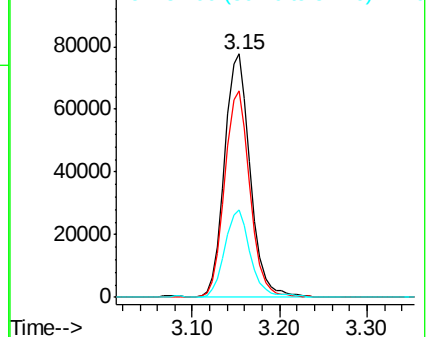
53 100

52 83.9 63.0 94.4

51 36.0 28.6 42.8



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: 105.71 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005245.D

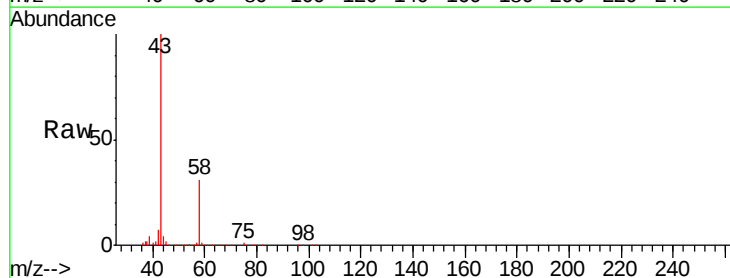
Acq: 11 Oct 2018 10:20

Tgt Ion: 43 Resp: 158817

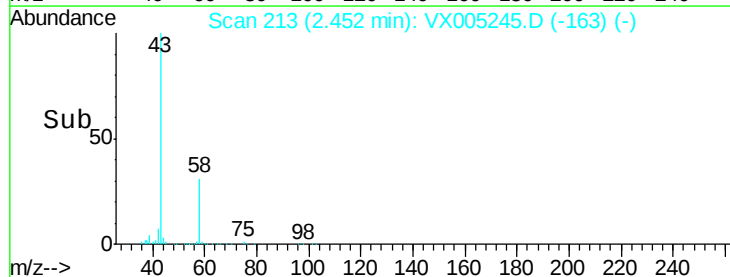
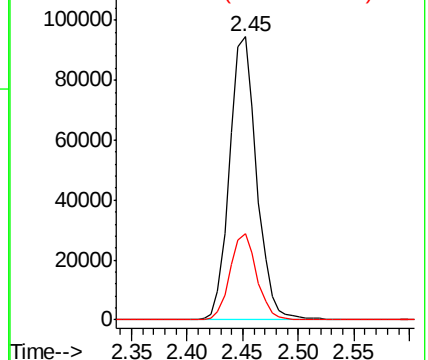
Ion Ratio Lower Upper

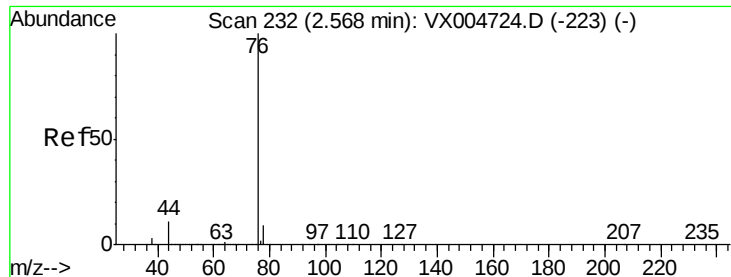
43 100

58 30.6 21.8 32.6



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

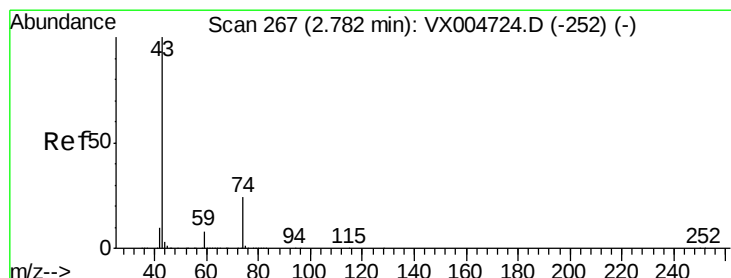
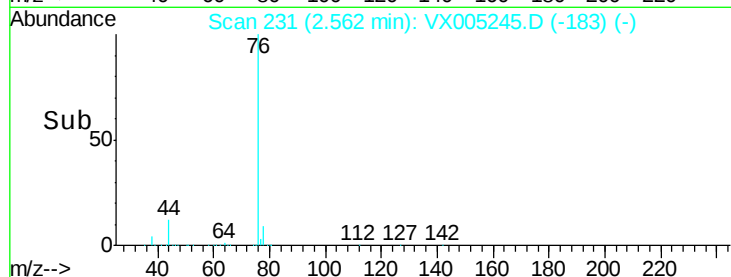
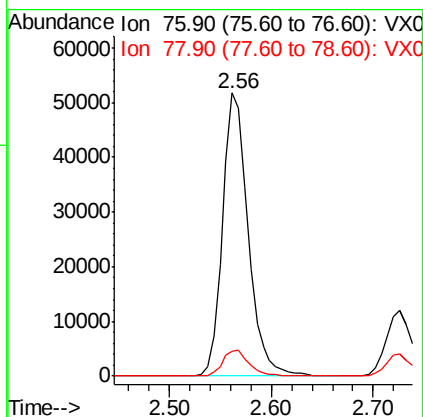
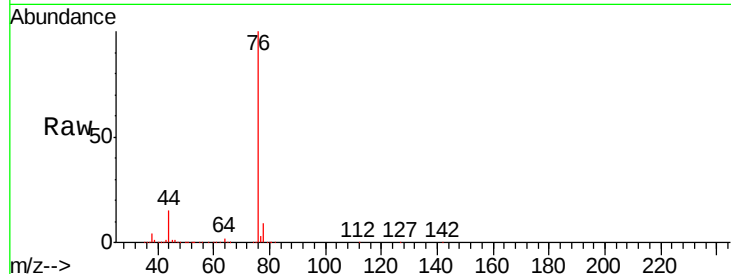




#17
Carbon Disulfide
Concen: 15.41 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

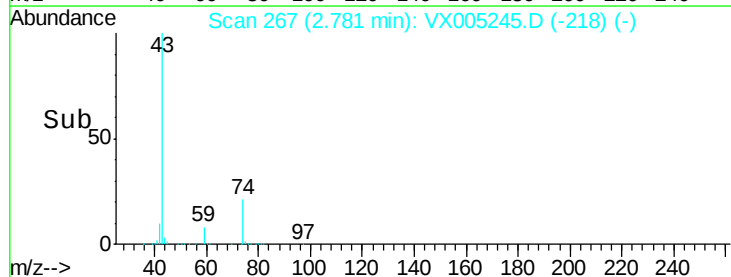
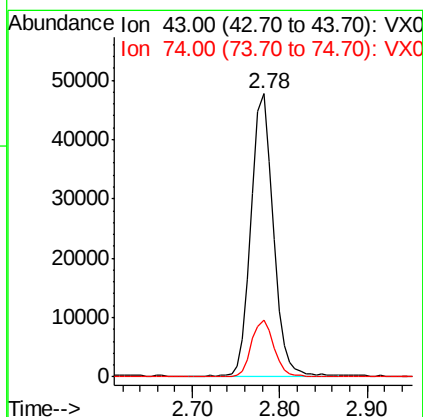
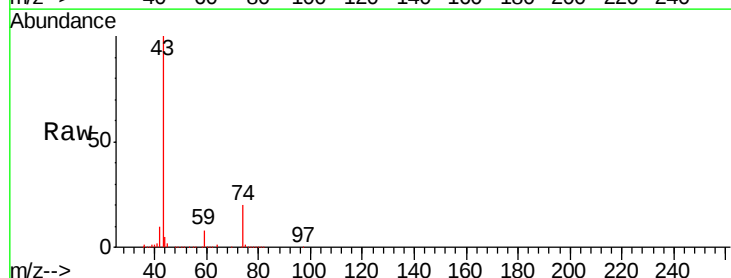
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion: 76 Resp: 90375
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 22.11 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 43 Resp: 84143
Ion Ratio Lower Upper
43 100
74 19.8 17.8 26.8

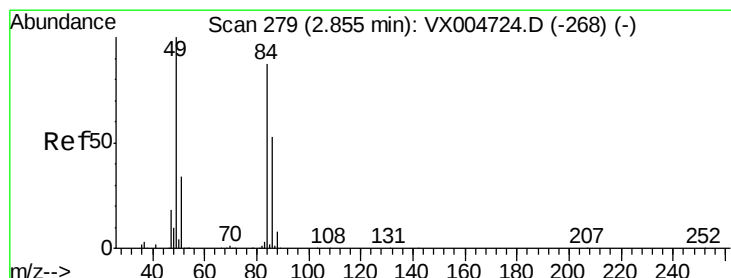
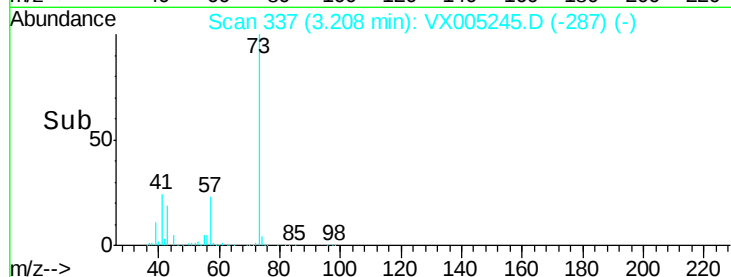
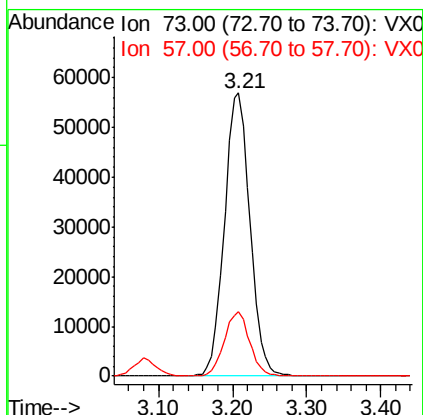
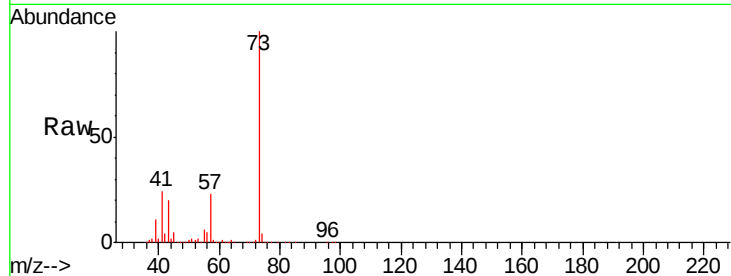




#19
Methyl tert-butyl Ether
Concen: 20.23 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

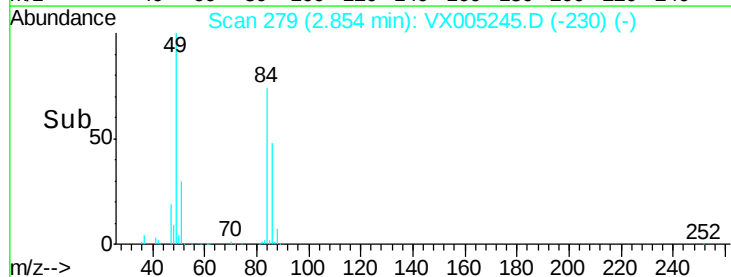
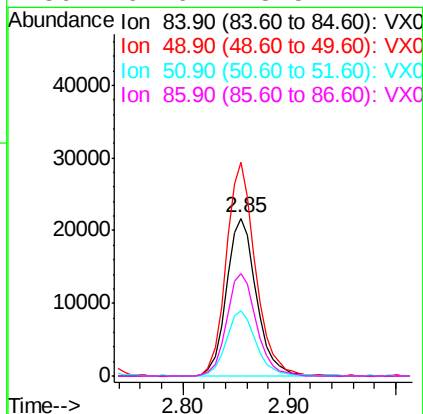
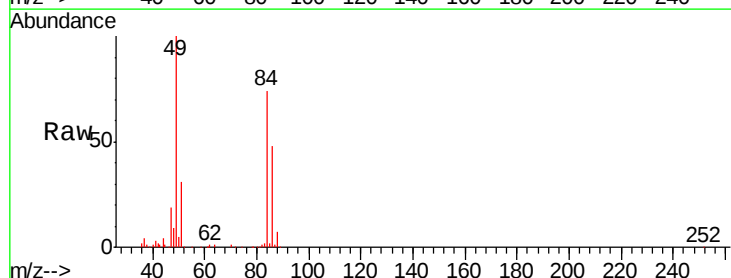
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

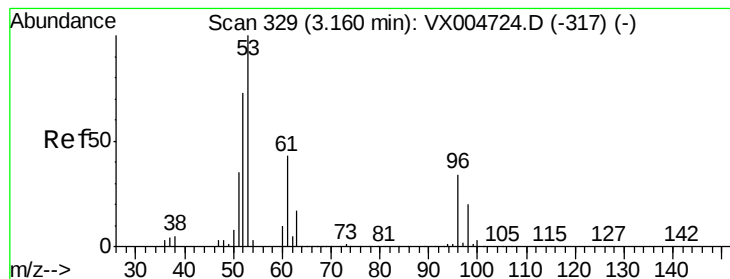
Tgt Ion: 73 Resp: 136197
Ion Ratio Lower Upper
73 100
57 22.9 19.9 29.9



#20
Methylene Chloride
Concen: 18.98 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 84 Resp: 42599
Ion Ratio Lower Upper
84 100
49 135.1 92.3 138.5
51 41.7 31.8 47.6
86 64.6 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 17.06 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

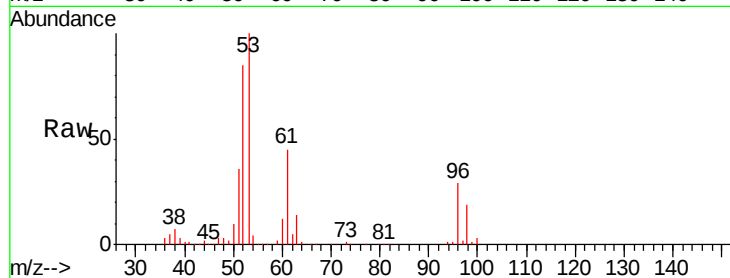
Tgt Ion: 96 Resp: 36447

Ion Ratio Lower Upper

96 100

61 155.7 101.0 151.6#

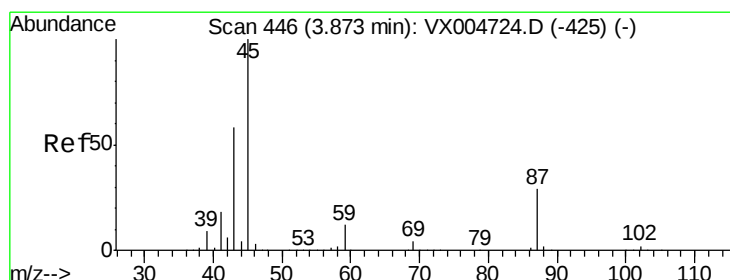
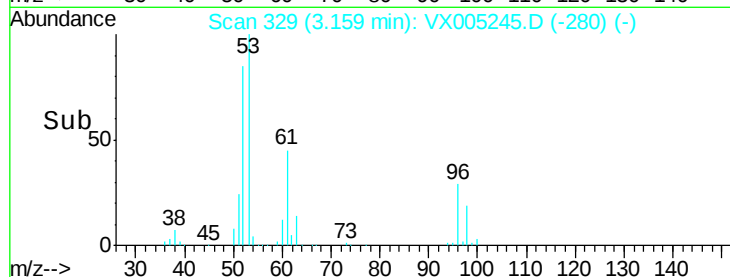
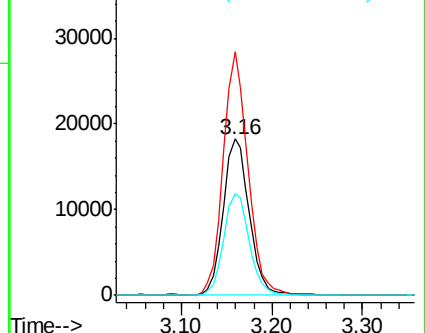
98 65.2 47.2 70.8



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: 17.85 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion: 45 Resp: 128035

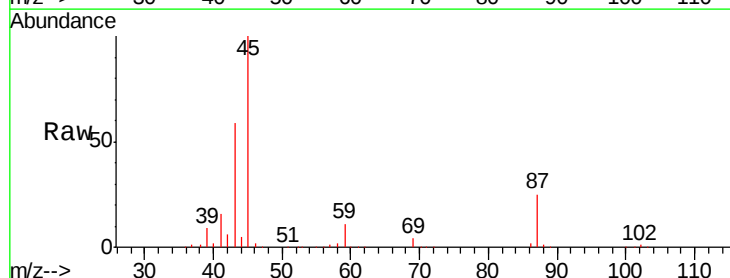
Ion Ratio Lower Upper

45 100

43 58.6 46.7 70.1

87 24.7 22.9 34.3

59 11.5 9.3 13.9

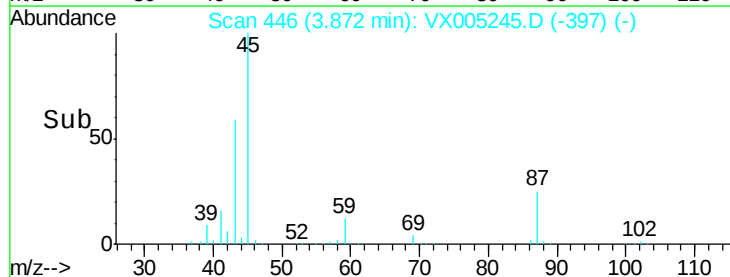
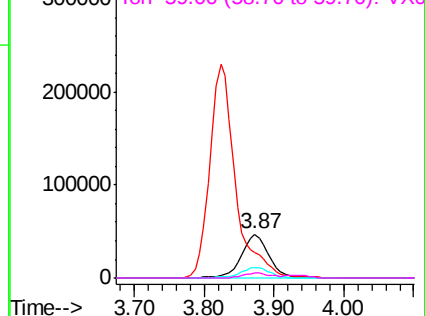


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 89.77 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

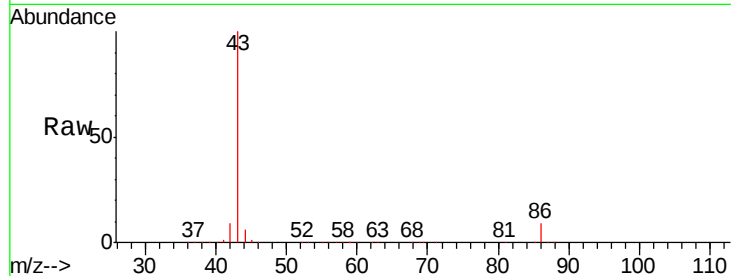
VX1010WBS06

Tgt Ion: 43 Resp: 589328

Ion Ratio Lower Upper

43 100

86 9.5 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

250000

200000

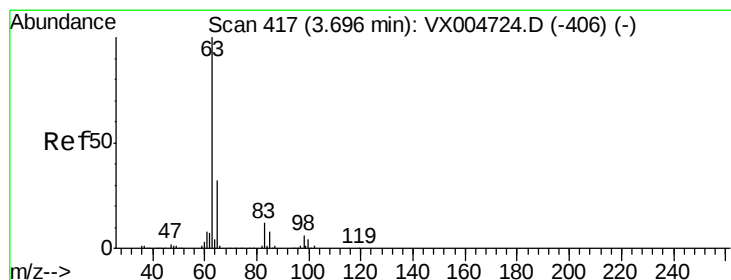
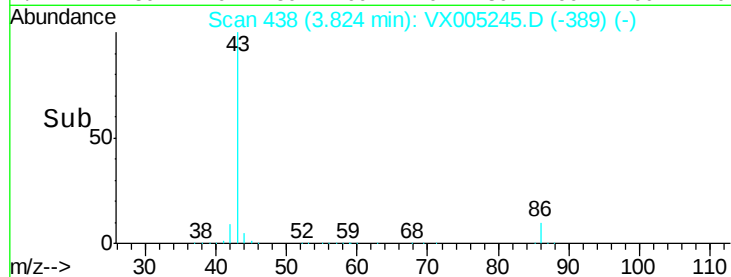
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.90 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

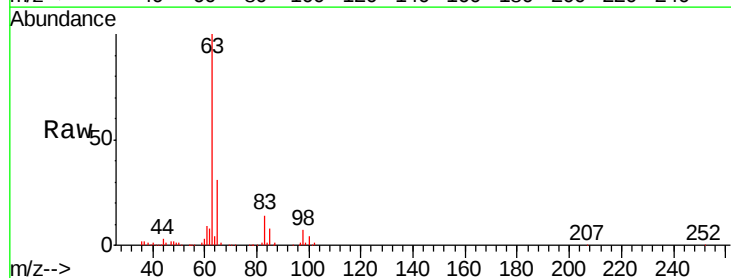
Tgt Ion: 63 Resp: 76564

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 3.9 2.0 5.8



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

40000

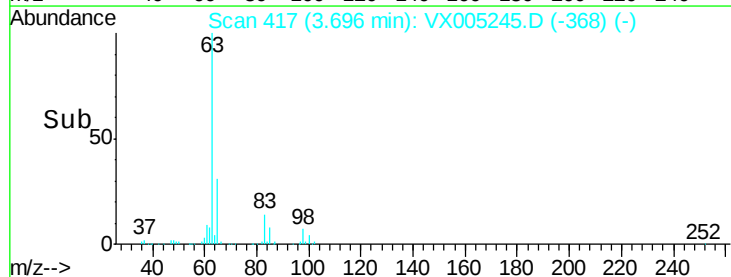
30000

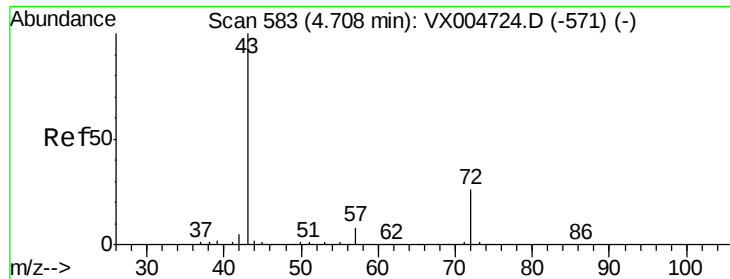
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.16 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

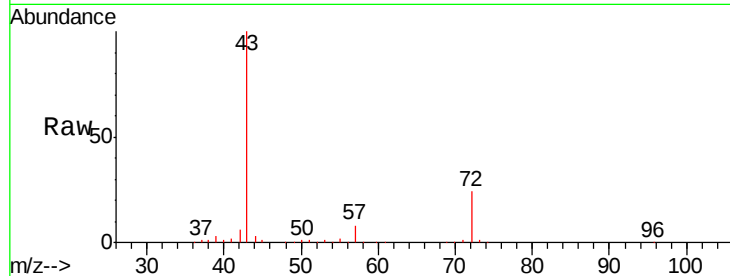
VX1010WBS06

Tgt Ion: 43 Resp: 206307

Ion Ratio Lower Upper

43 100

72 23.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

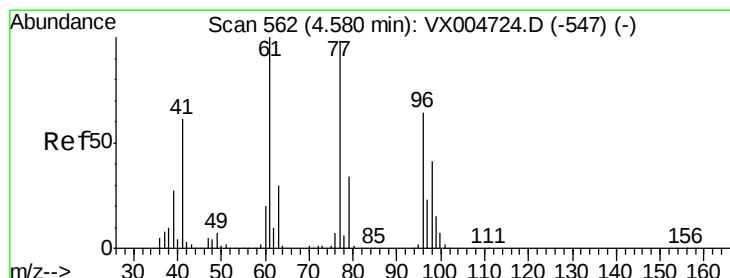
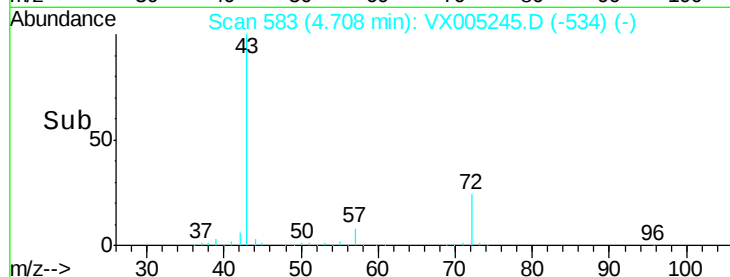
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 17.70 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005245.D

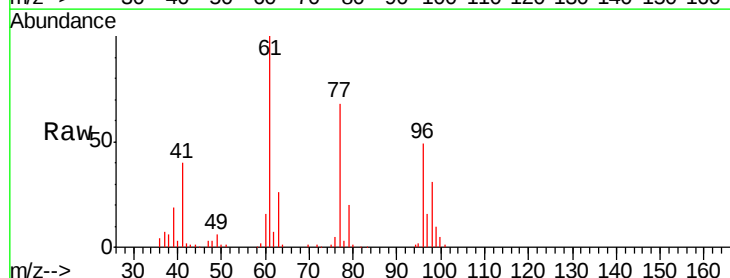
Acq: 11 Oct 2018 10:20

Tgt Ion: 77 Resp: 52742

Ion Ratio Lower Upper

77 100

97 23.2 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

15000

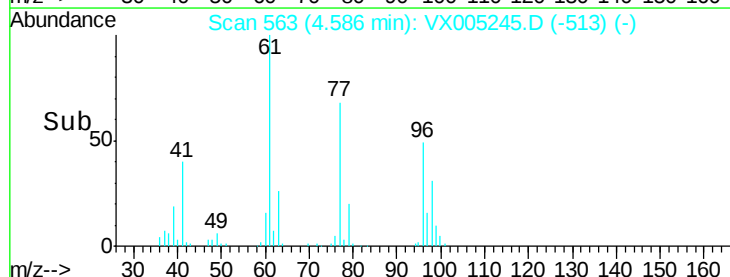
10000

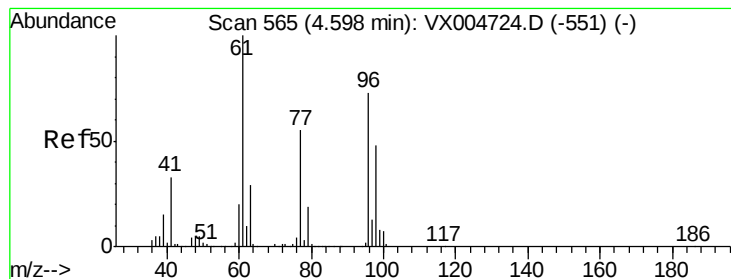
5000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 16.98 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

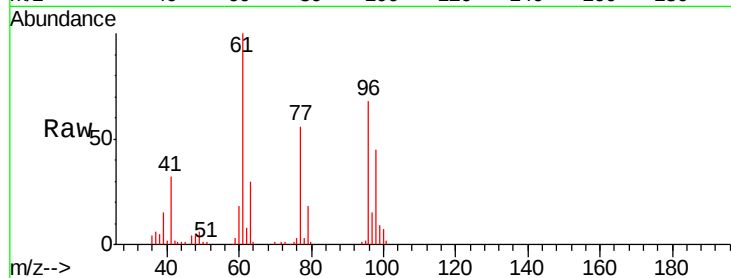
Tgt Ion: 96 Resp: 40537

Ion Ratio Lower Upper

96 100

61 156.8 0.0 285.8

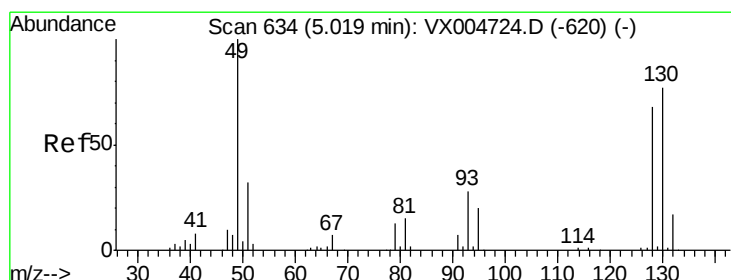
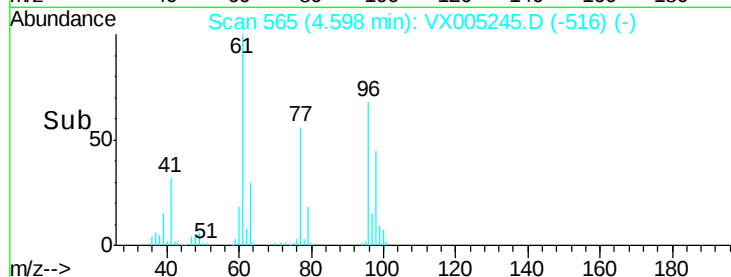
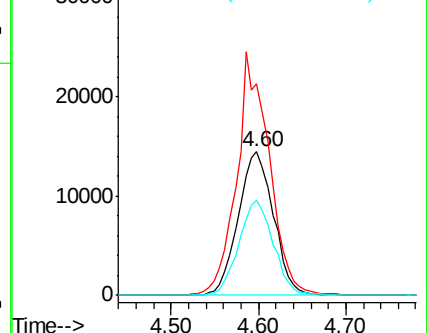
98 64.9 0.0 136.2



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: 17.70 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

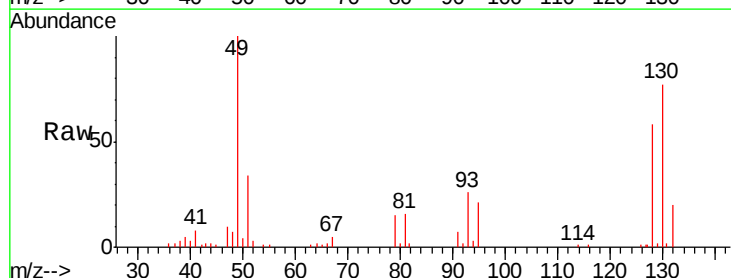
Tgt Ion: 49 Resp: 35667

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

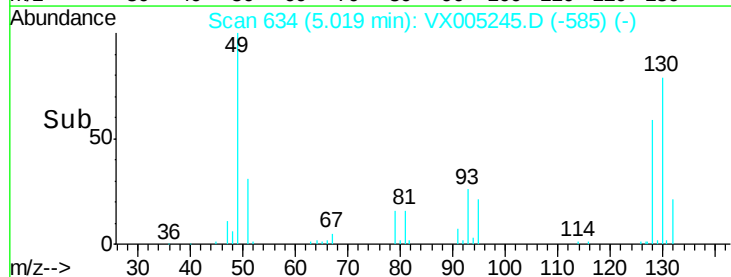
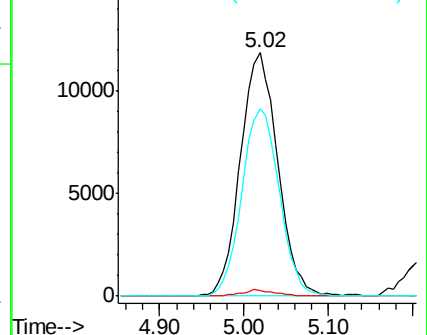
130 77.4 62.0 93.0

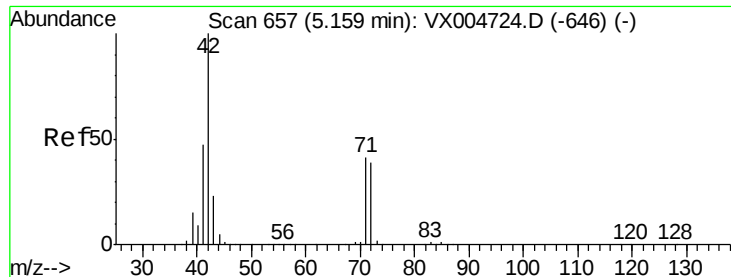


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.72 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

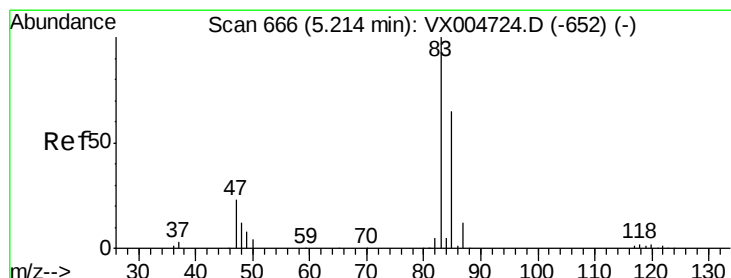
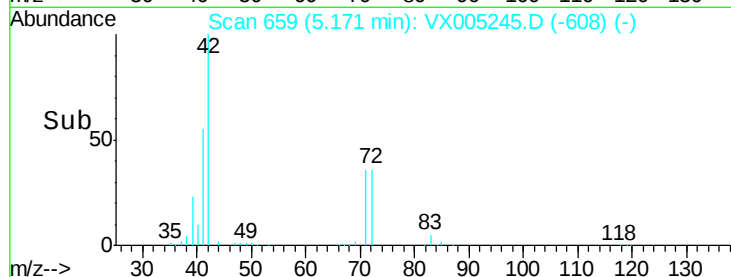
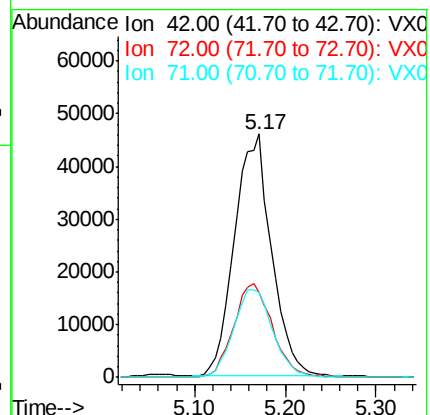
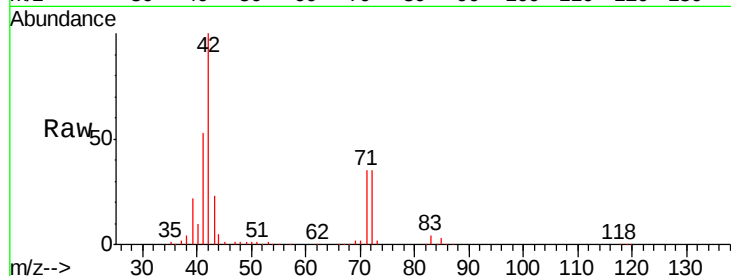
Tgt Ion: 42 Resp: 130369

Ion Ratio Lower Upper

42 100

72 40.8 33.7 50.5

71 38.6 32.2 48.4



#30

Chloroform

Concen: 17.60 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005245.D

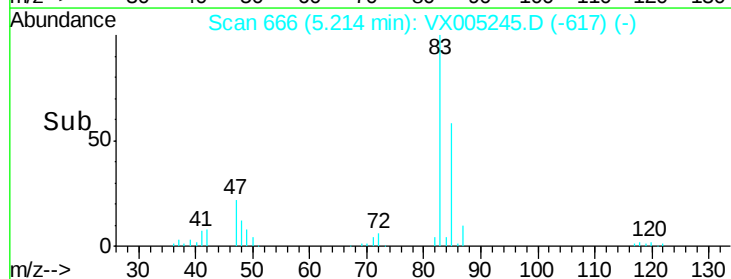
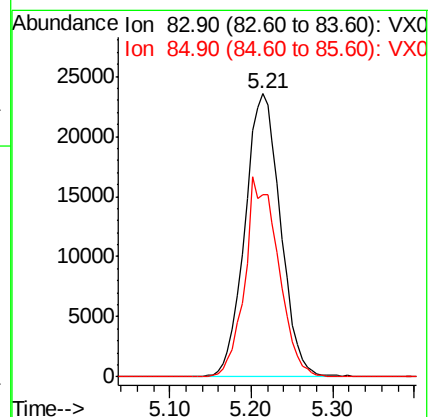
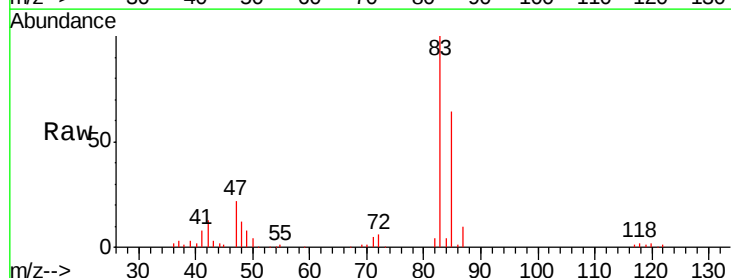
Acq: 11 Oct 2018 10:20

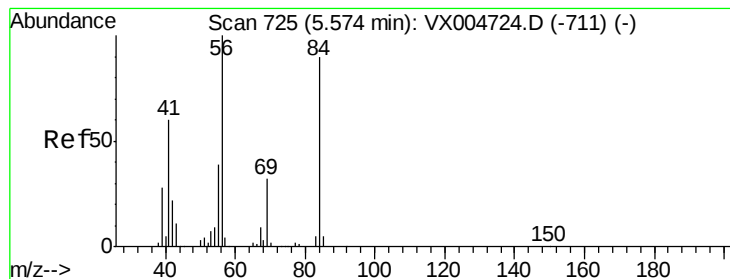
Tgt Ion: 83 Resp: 71156

Ion Ratio Lower Upper

83 100

85 64.2 52.4 78.6





#31

Cyclohexane

Concen: 14.56 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

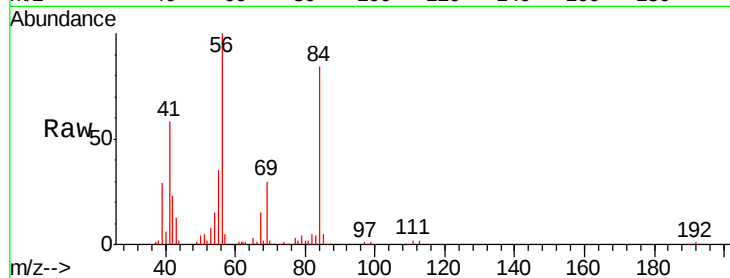
Tgt Ion: 56 Resp: 47666

Ion Ratio Lower Upper

56 100

69 30.0 25.9 38.9

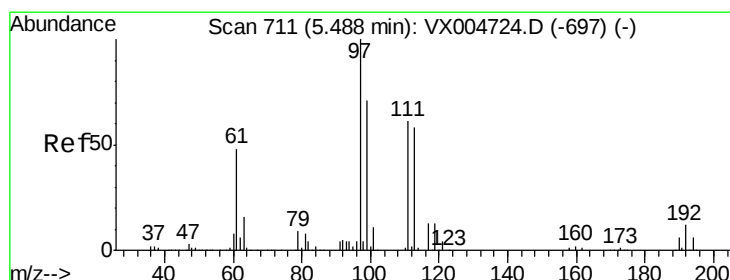
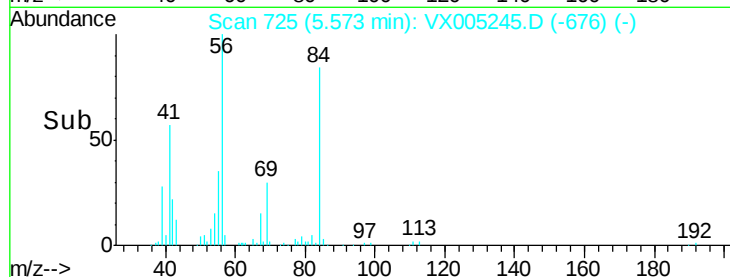
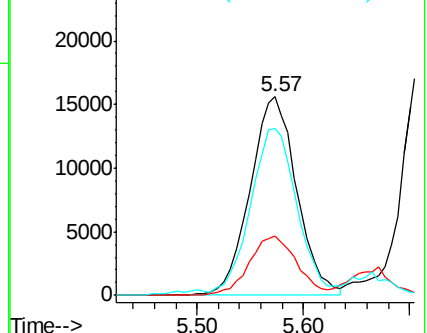
84 81.7 71.9 107.9



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: 17.00 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

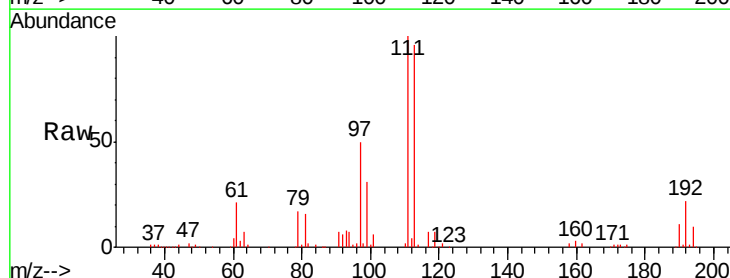
Tgt Ion: 97 Resp: 56122

Ion Ratio Lower Upper

97 100

99 64.7 54.6 82.0

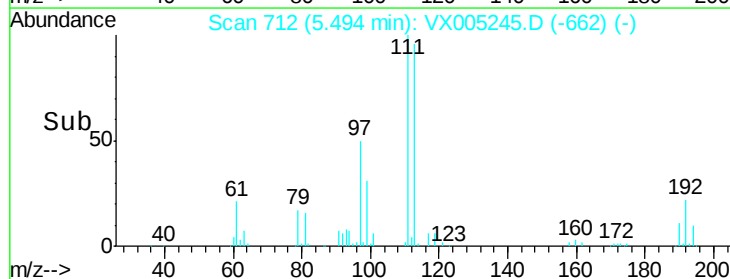
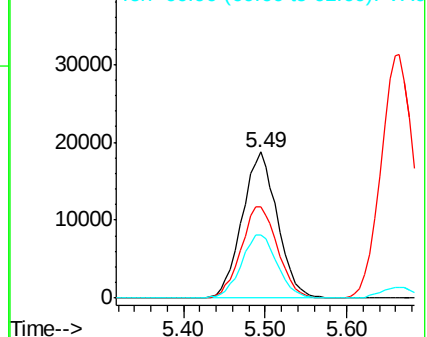
61 44.4 37.5 56.3



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

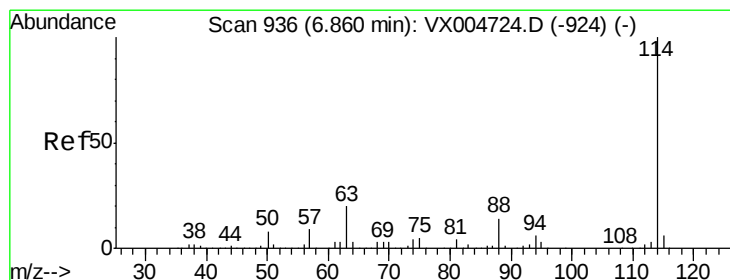
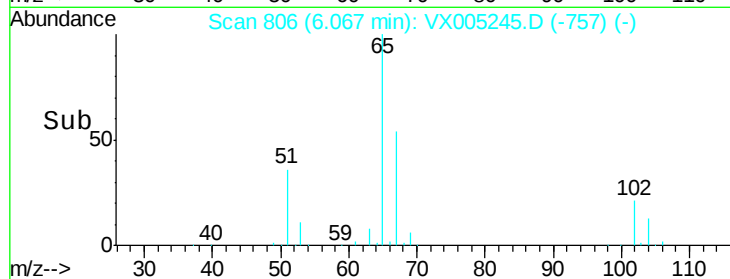
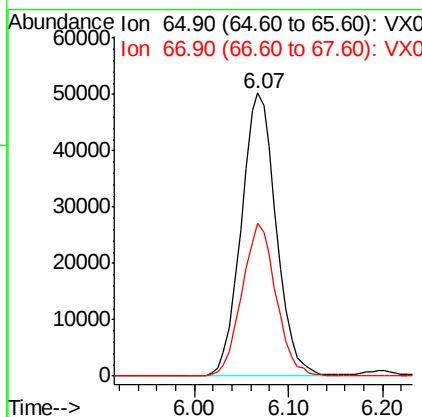
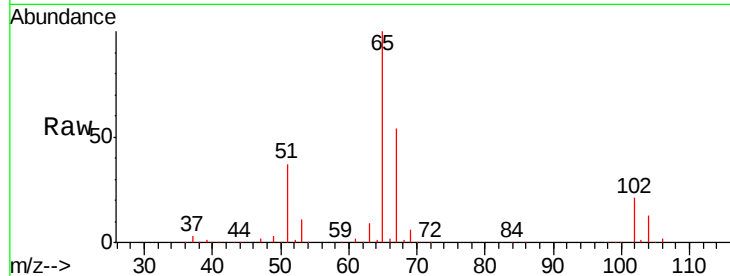




#33
 1,2-Dichloroethane-d4
 Concen: 50.71 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

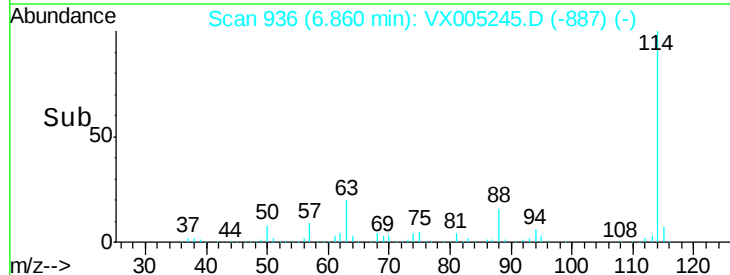
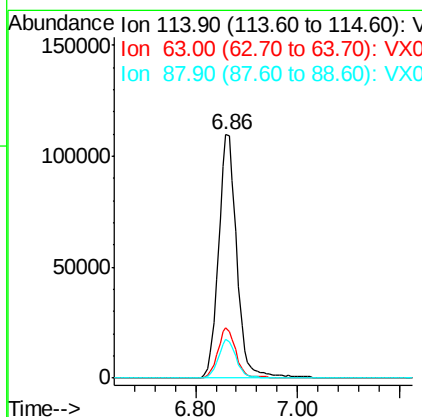
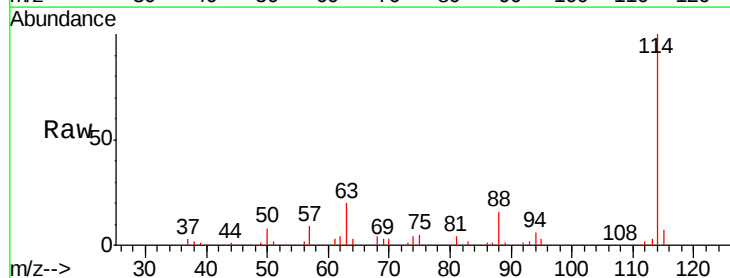
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Tgt Ion: 65 Resp: 130492
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion: 114 Resp: 273866
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 15.9 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.43 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

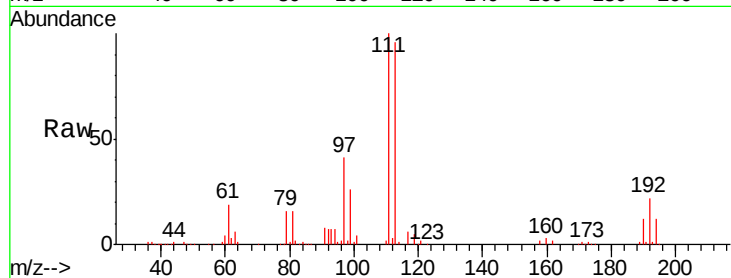
Tgt Ion:113 Resp: 112401

Ion Ratio Lower Upper

113 100

111 103.0 77.0 115.4

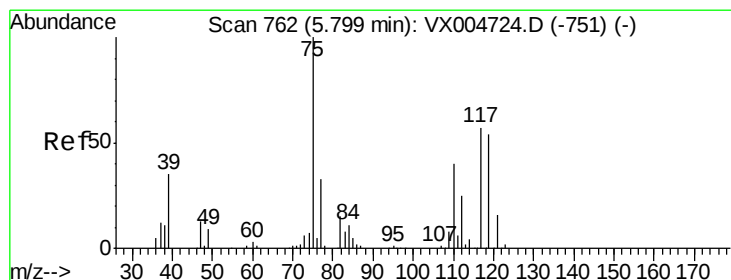
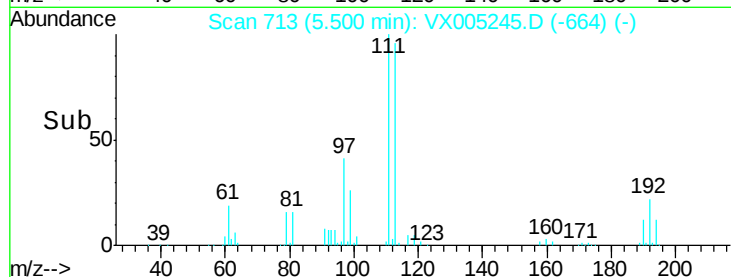
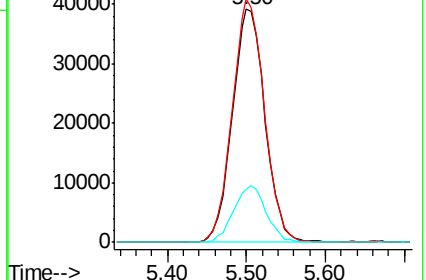
192 24.2 17.0 25.6



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: 14.15 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

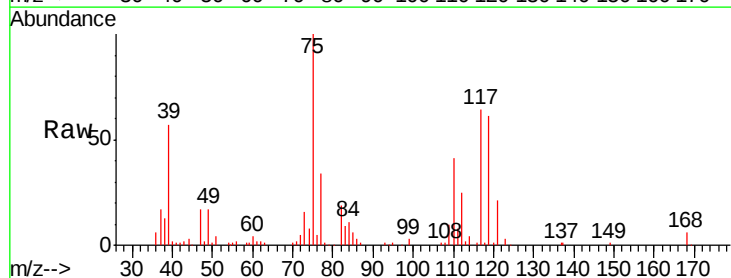
Tgt Ion: 75 Resp: 44815

Ion Ratio Lower Upper

75 100

110 36.6 20.0 59.9

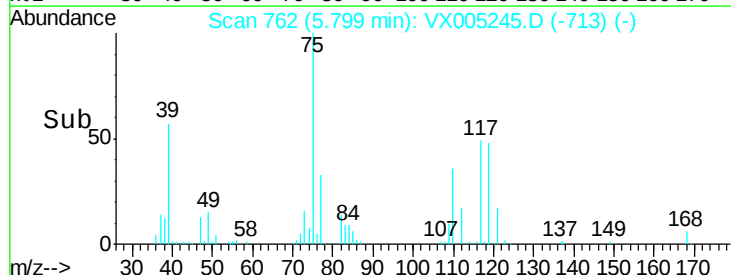
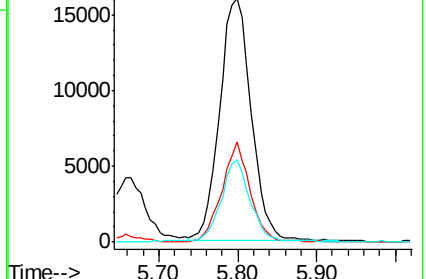
77 30.0 27.1 40.7

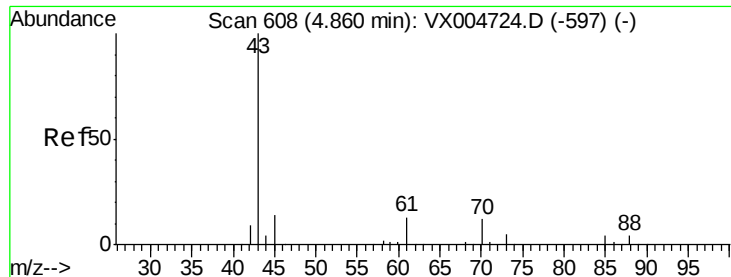


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 16.83 ug/l

RT: 4.87 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

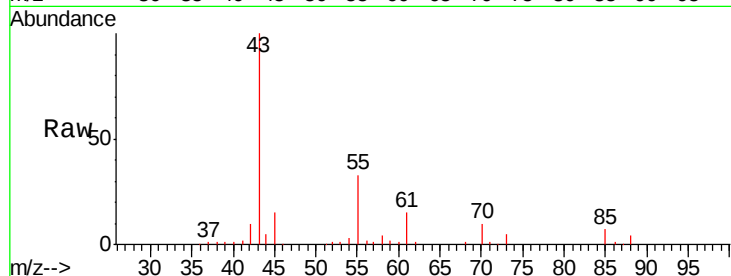
Tgt Ion: 43 Resp: 70763

Ion Ratio Lower Upper

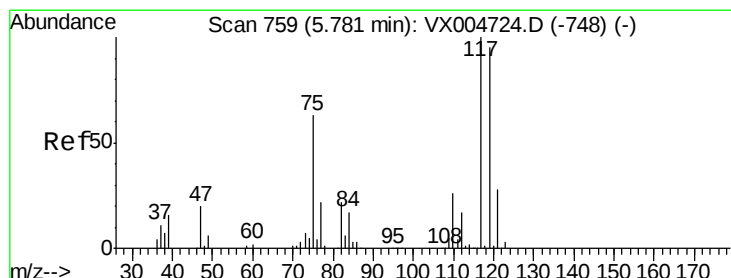
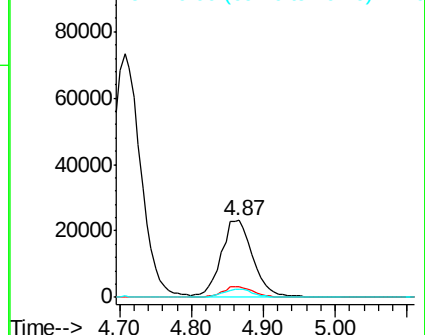
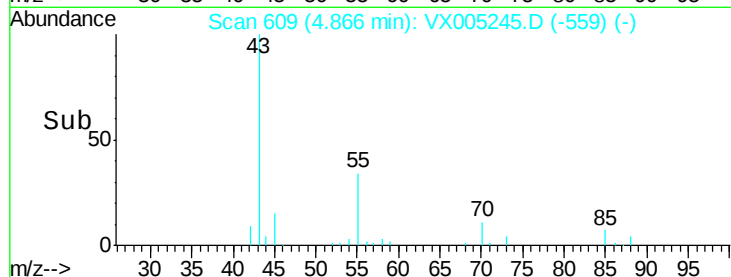
43 100

61 14.0 10.4 15.6

70 10.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX005245.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 14.46 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

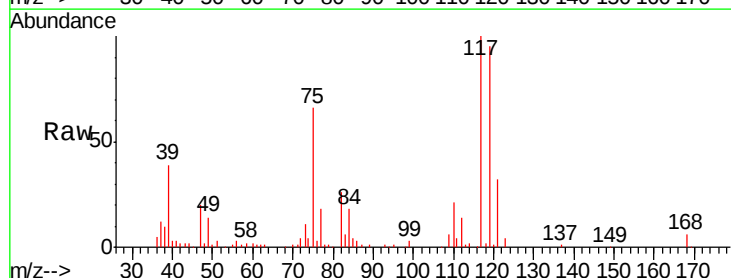
Tgt Ion: 117 Resp: 48143

Ion Ratio Lower Upper

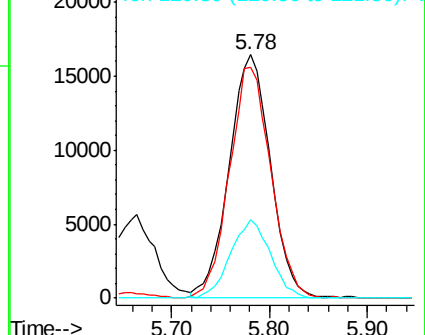
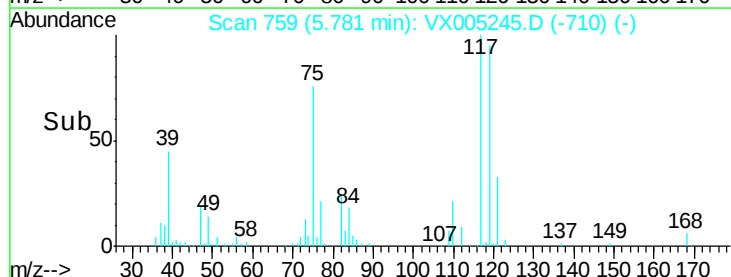
117 100

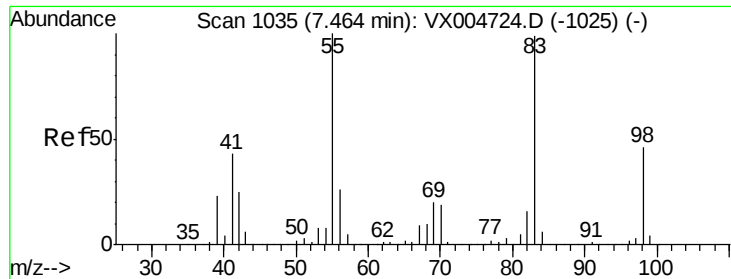
119 94.4 75.2 112.8

121 32.2 22.5 33.7



Abundance Ion 116.80 (116.50 to 117.50): VX005245.D (-710) (-)

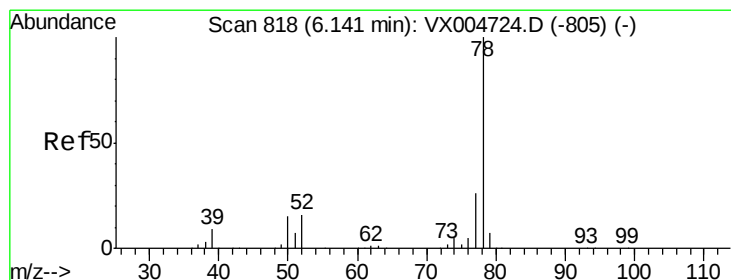
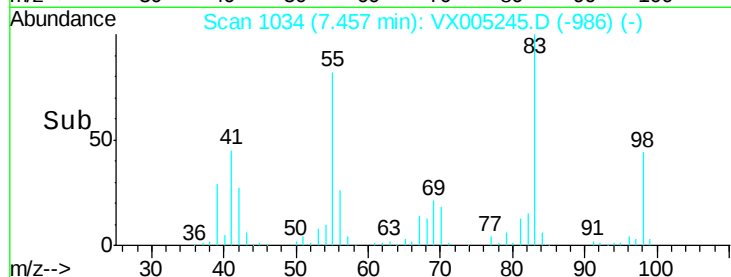
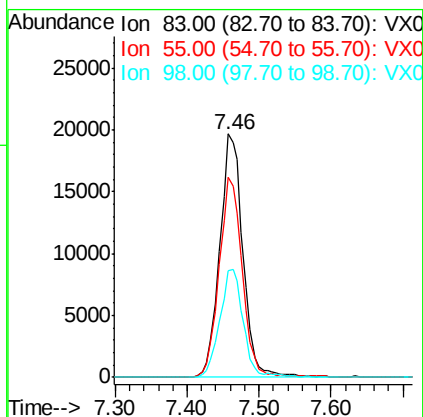
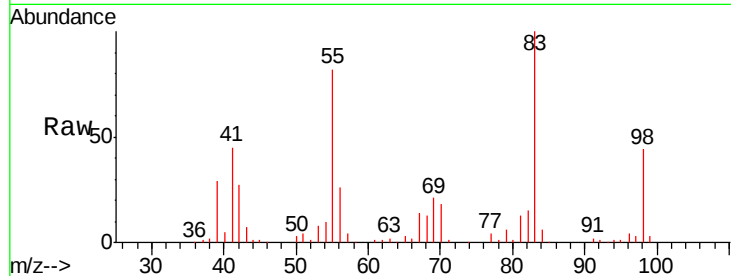




#39
Methylcyclohexane
Concen: 13.67 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

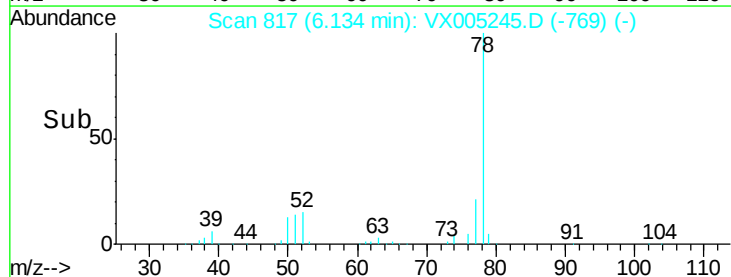
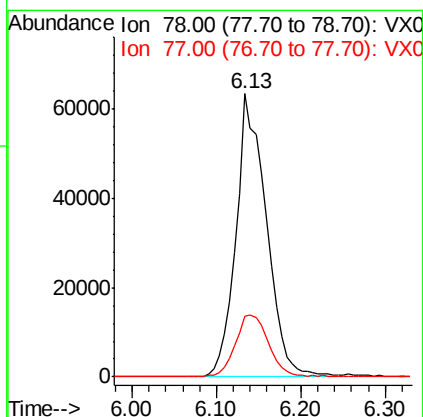
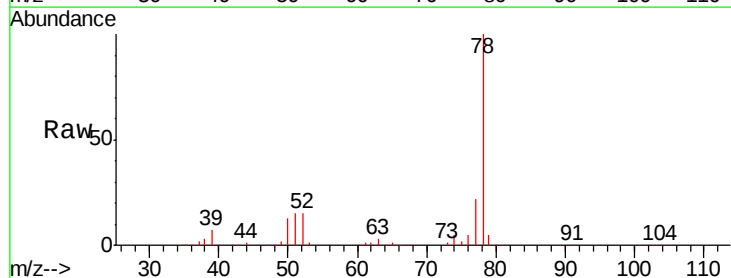
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

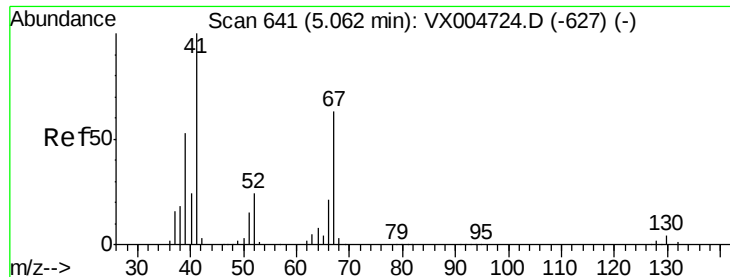
Tgt Ion: 83 Resp: 44213
Ion Ratio Lower Upper
83 100
55 82.1 81.1 121.7
98 43.8 37.3 55.9



#40
Benzene
Concen: 15.59 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 78 Resp: 154607
Ion Ratio Lower Upper
78 100
77 21.6 21.0 31.4

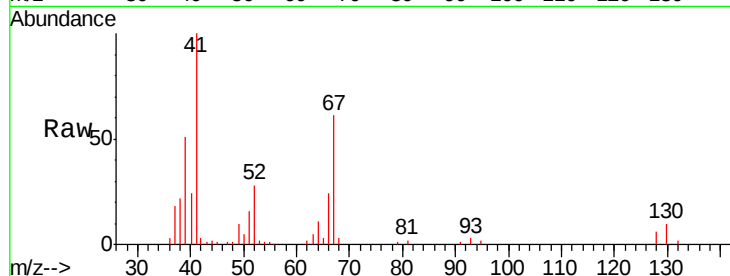




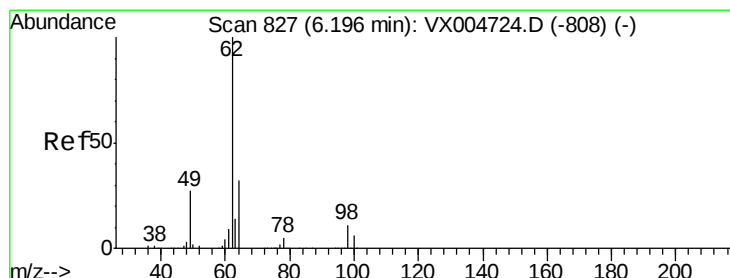
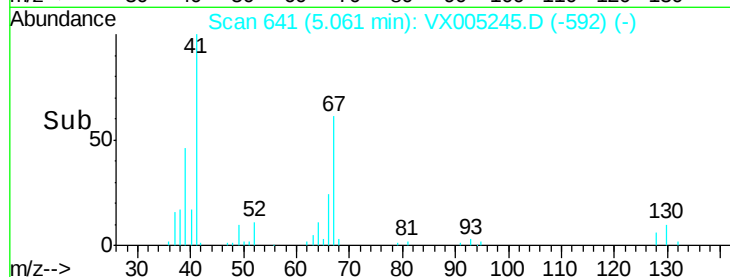
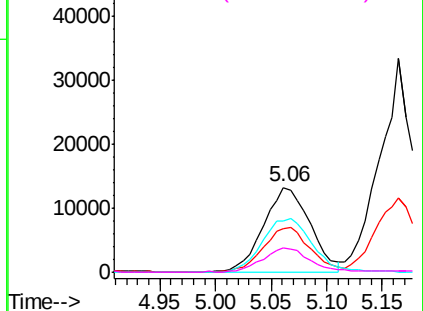
#41
Methacrylonitrile
Concen: 16.61 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion:	41	Resp:	38721
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.5	63.7
67	68.2	53.0	79.6
52	29.3	19.8	29.8

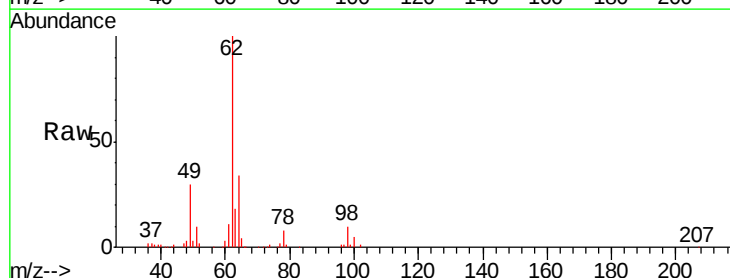


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

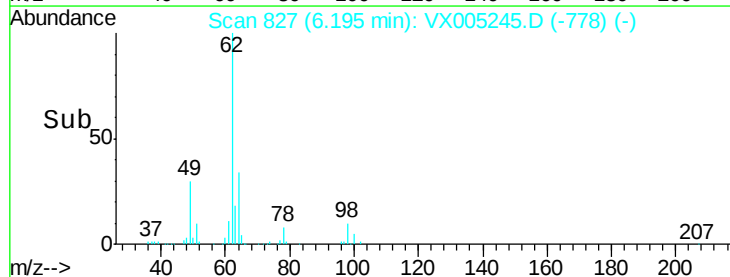
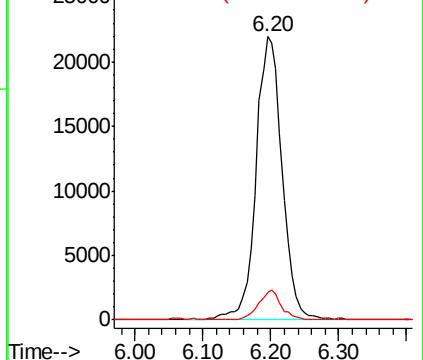


#42
1,2-Dichloroethane
Concen: 16.77 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion:	62	Resp:	58786
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 15.81 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

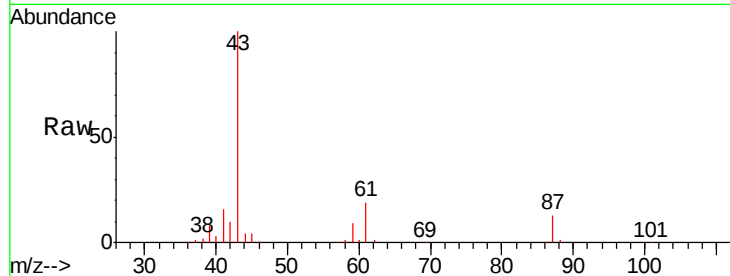
Tgt Ion: 43 Resp: 95952

Ion Ratio Lower Upper

43 100

61 20.2 14.2 21.4

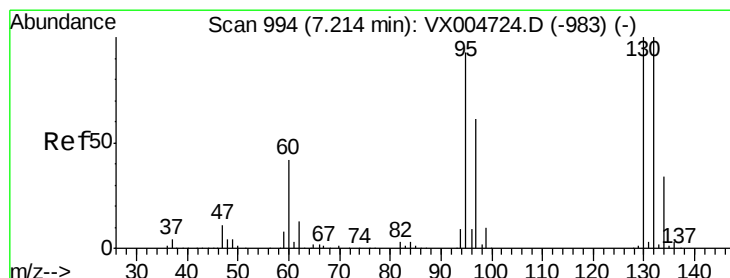
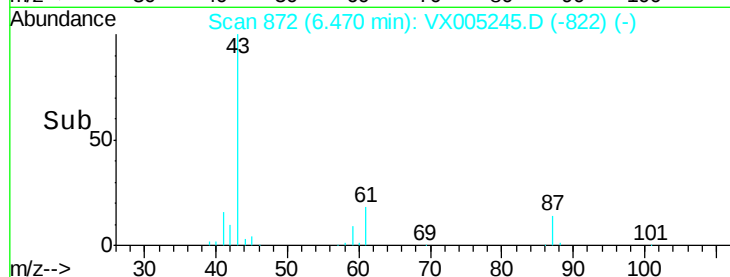
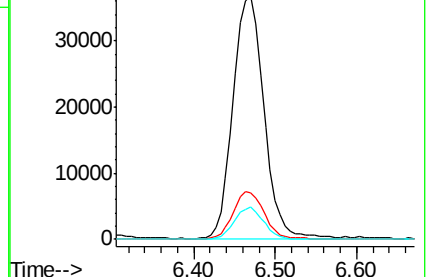
87 12.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)



#44

Trichloroethene

Concen: 16.25 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005245.D

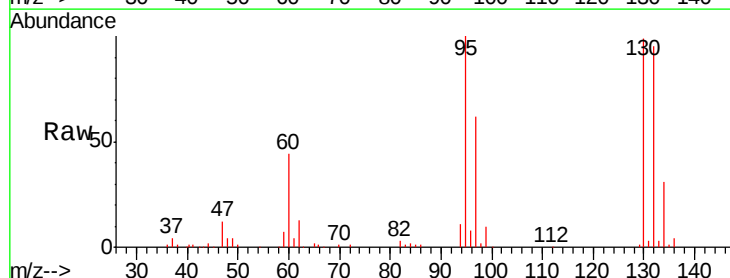
Acq: 11 Oct 2018 10:20

Tgt Ion: 130 Resp: 39602

Ion Ratio Lower Upper

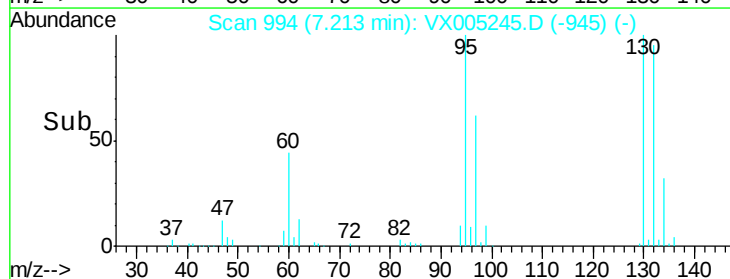
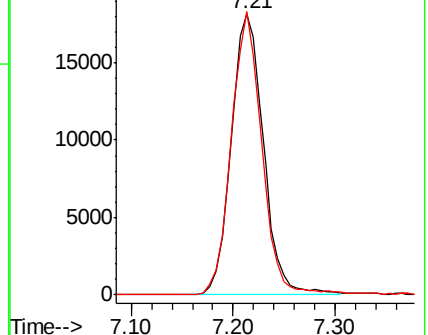
130 100

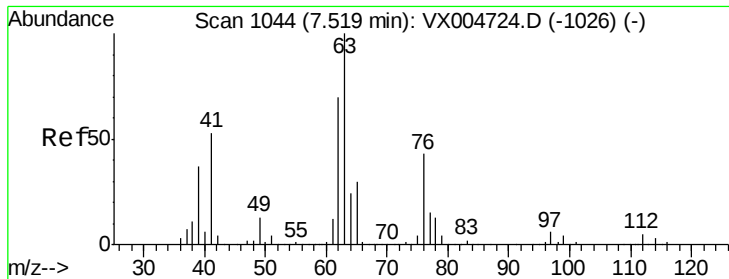
95 100.6 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)

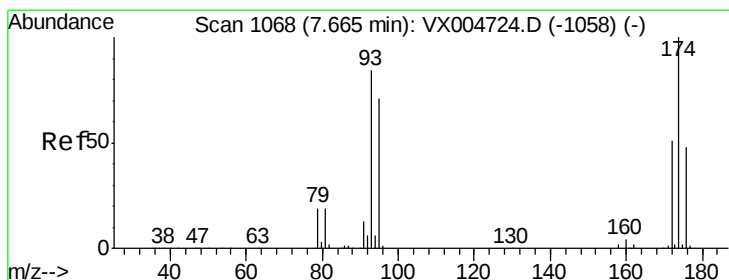
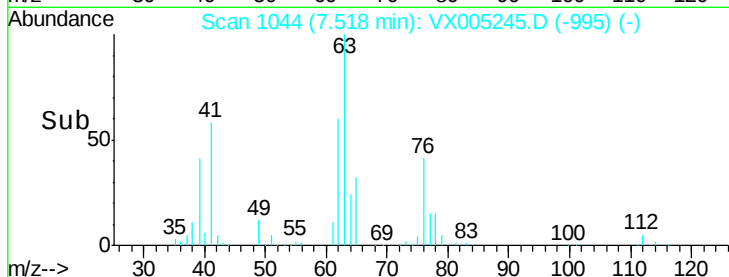
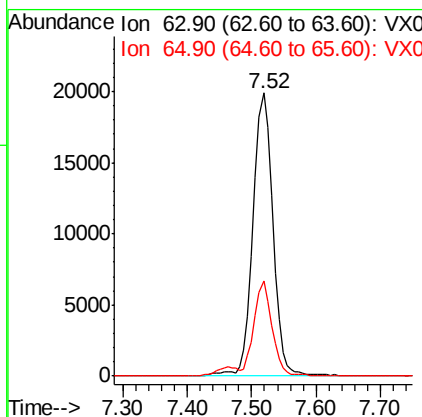
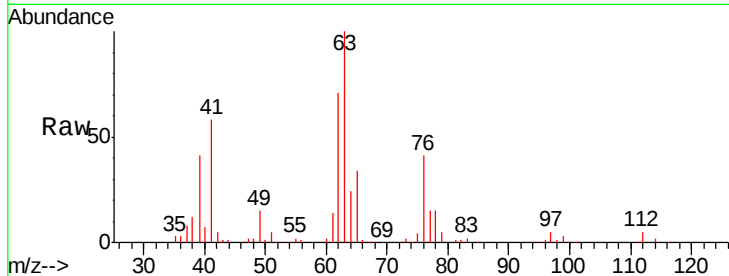




#45
 1,2-Dichloropropane
 Concen: 17.33 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

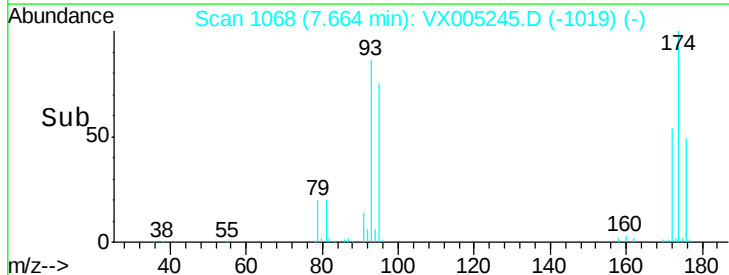
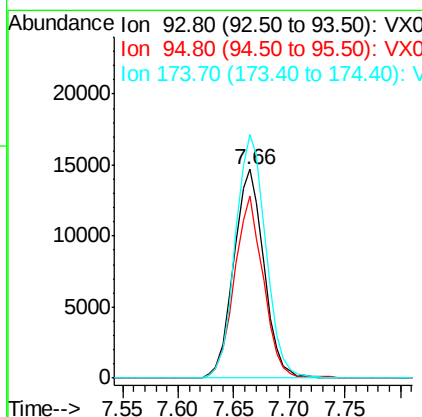
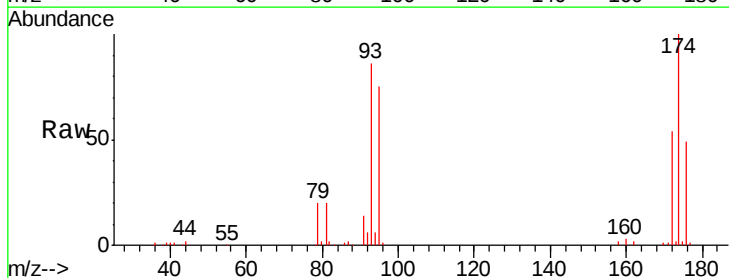
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

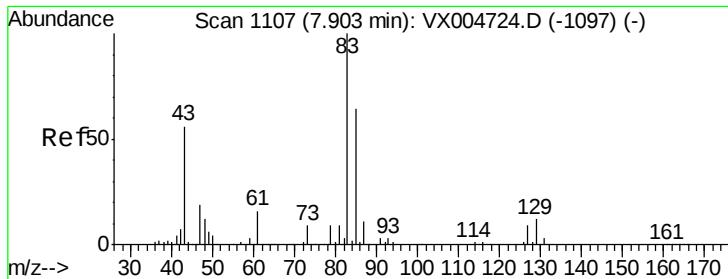
Tgt Ion: 63 Resp: 42132
 Ion Ratio Lower Upper
 63 100
 65 33.6 23.9 35.9



#46
 Dibromomethane
 Concen: 18.00 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion: 93 Resp: 27497
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.7 100.1
 174 118.1 92.7 139.1





#47

Bromodichloromethane

Concen: 17.98 ug/l

RT: 7.90 min Scan# 1107

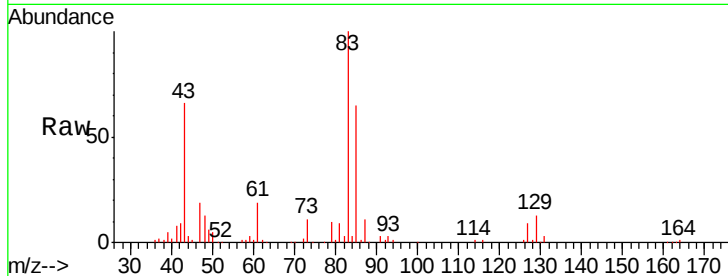
Delta R.T. -0.00 min

Lab File: VX005245.D

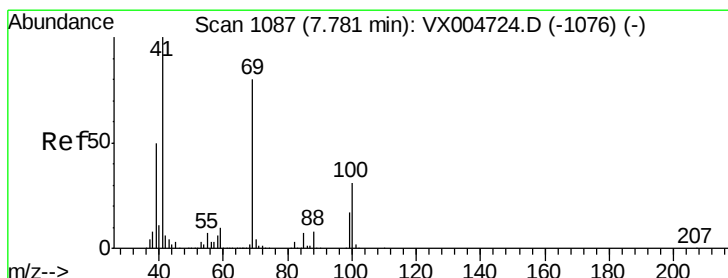
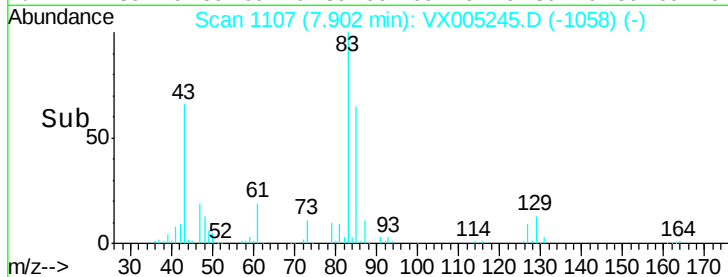
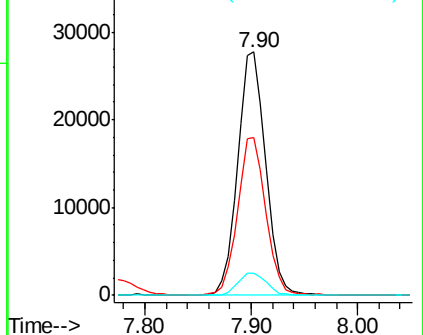
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion:	83	Resp:	51424
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8
127	8.9	7.0	10.6



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: 18.71 ug/l

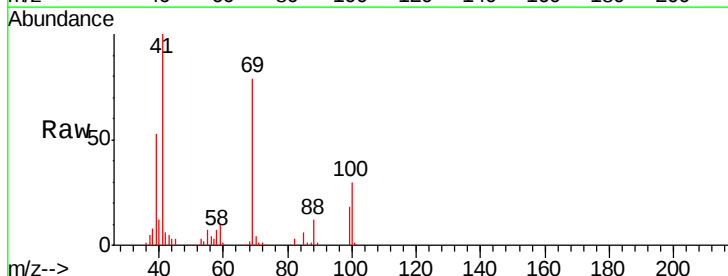
RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

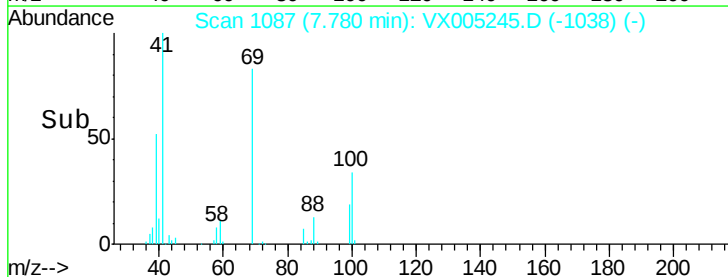
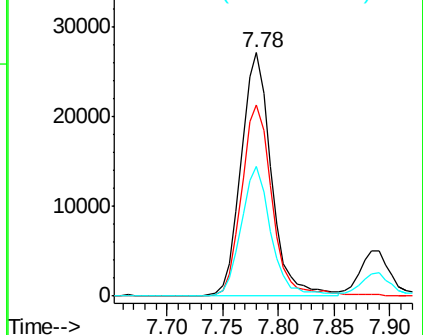
Lab File: VX005245.D

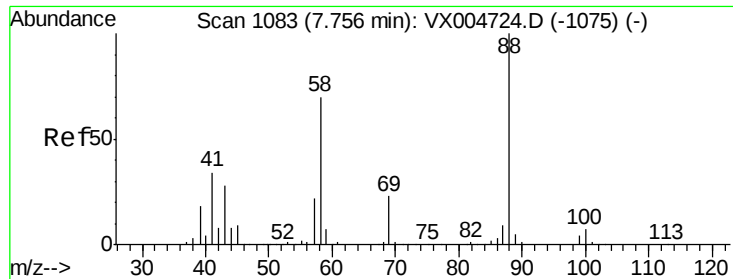
Acq: 11 Oct 2018 10:20

Tgt Ion:	41	Resp:	51525
Ion	Ratio	Lower	Upper
41	100		
69	79.4	63.8	95.6
39	52.6	40.7	61.1



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

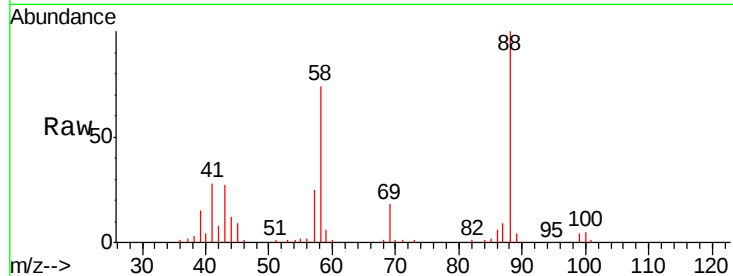




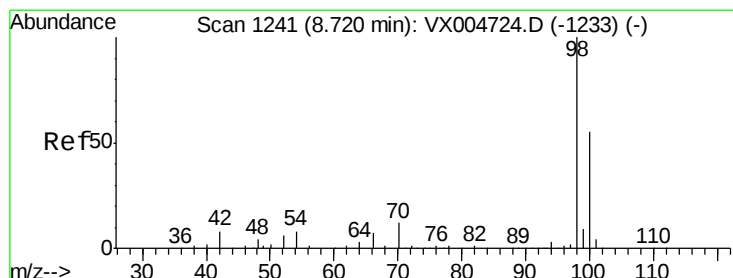
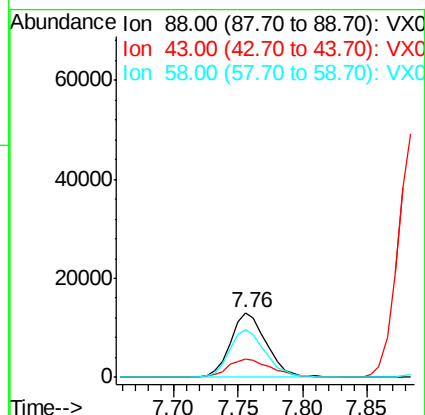
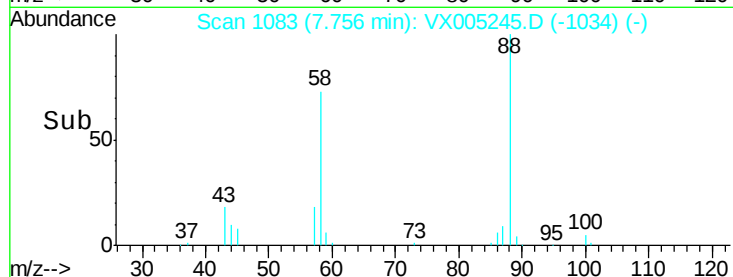
#49
1,4-Dioxane
Concen: 371.74 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion: 88 Resp: 25433
Ion Ratio Lower Upper
88 100
43 35.2 25.1 37.7
58 75.3 56.2 84.2

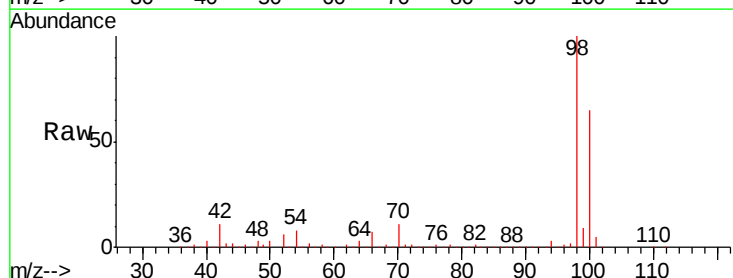


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

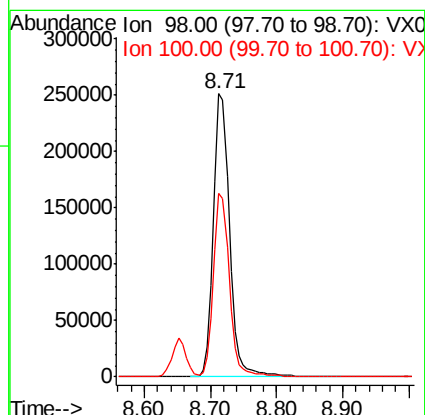
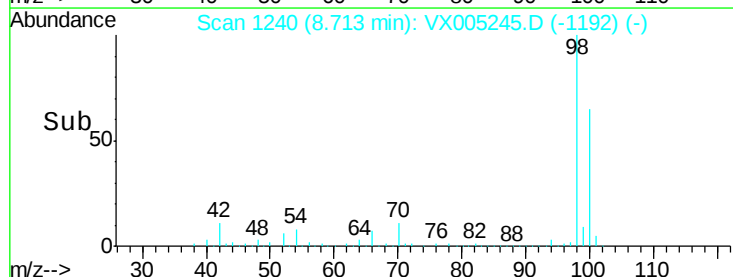


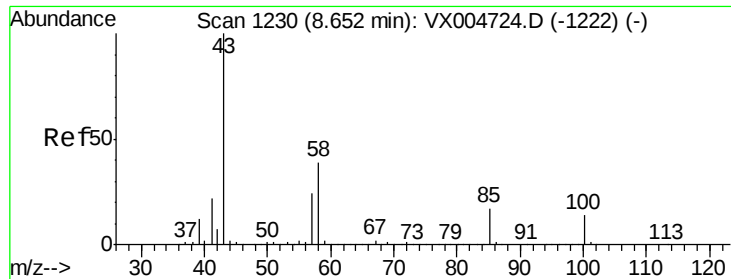
#50
Toluene-d8
Concen: 55.21 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 98 Resp: 426048
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



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

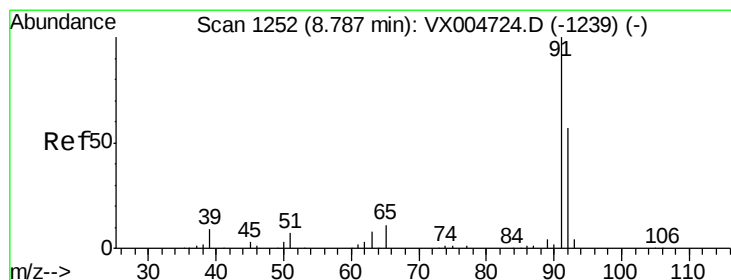
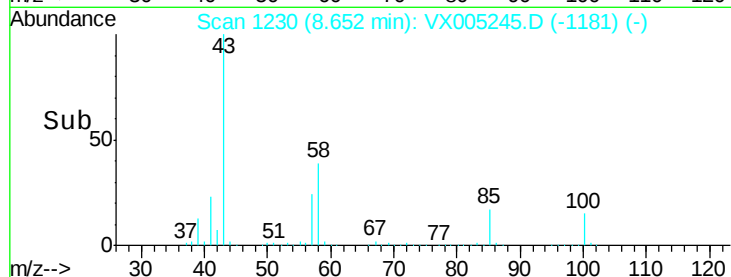
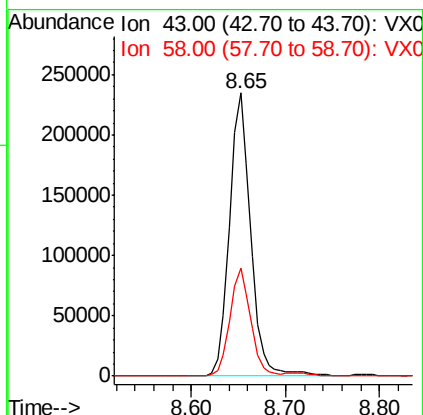
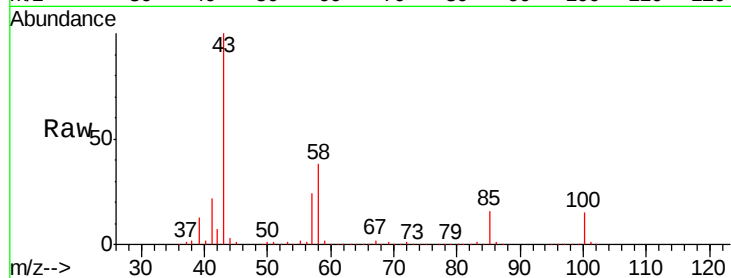




#51
 4-Methyl-2-Pentanone
 Concen: 96.47 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

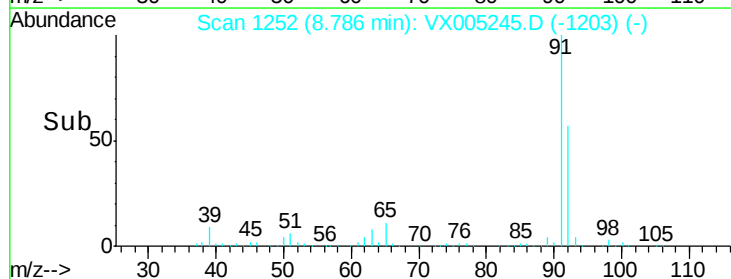
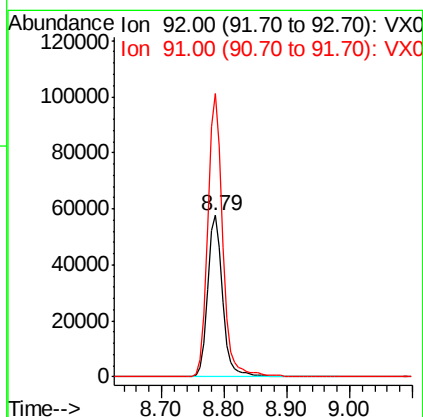
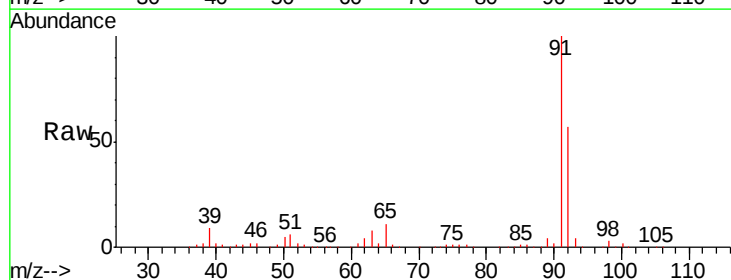
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Tgt Ion: 43 Resp: 368550
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.5 45.7



#52
 Toluene
 Concen: 17.52 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion: 92 Resp: 95441
 Ion Ratio Lower Upper
 92 100
 91 174.3 136.7 205.1

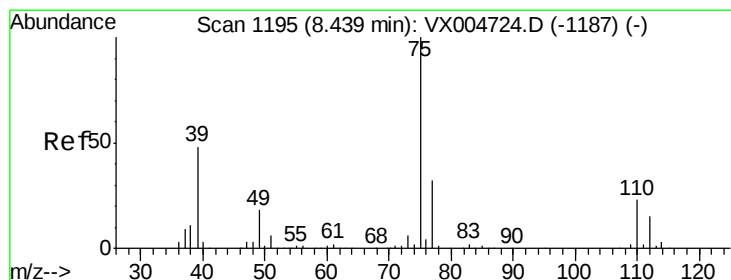
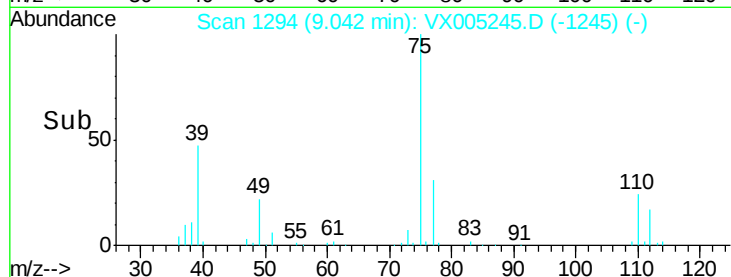
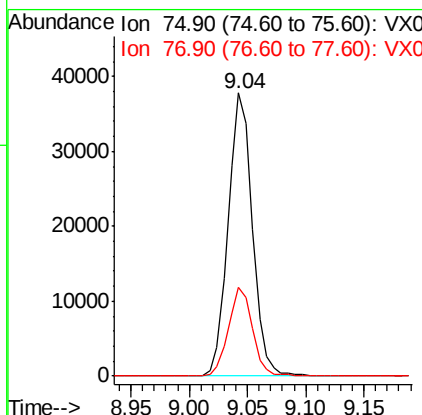
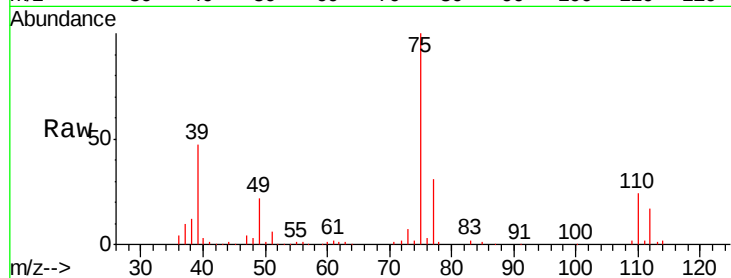




#53
 t-1,3-Dichloropropene
 Concen: 16.97 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

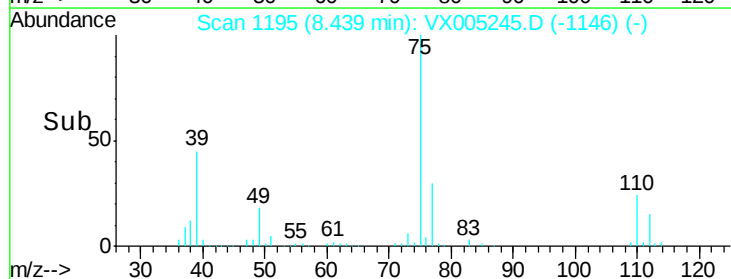
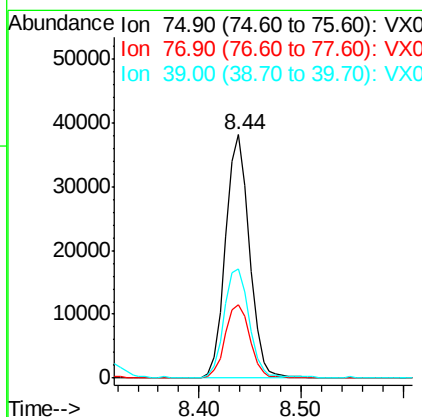
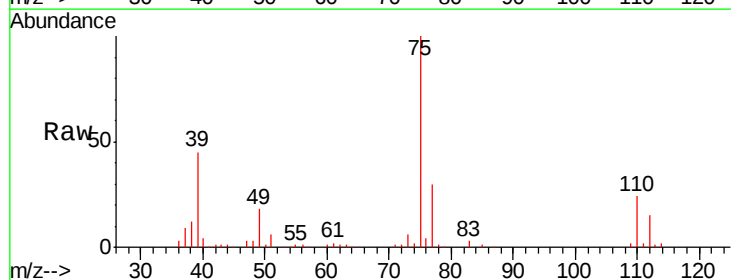
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Tgt Ion: 75 Resp: 54867
 Ion Ratio Lower Upper
 75 100
 77 31.3 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 18.21 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion: 75 Resp: 61655
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.7 38.5
 39 44.7 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 17.75 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 97 Resp: 42354

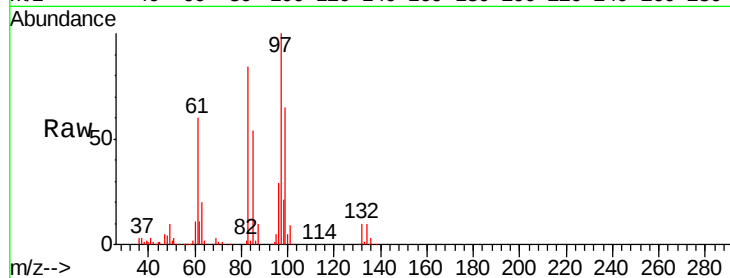
Ion Ratio Lower Upper

97 100

83 83.6 68.2 102.2

85 54.3 49.9 74.9

99 65.3 48.9 73.3

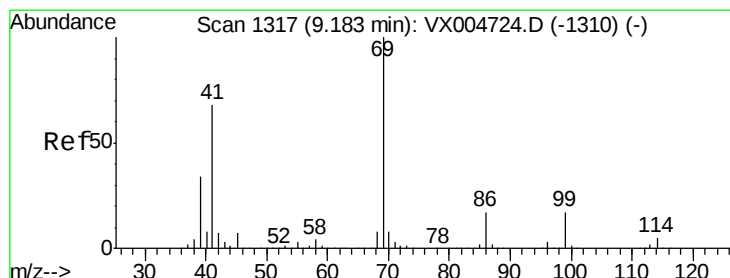
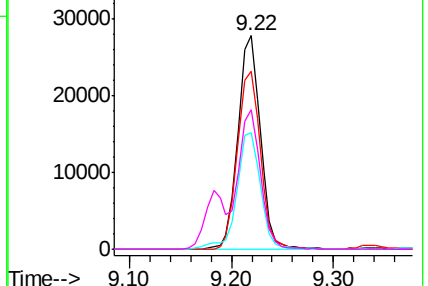
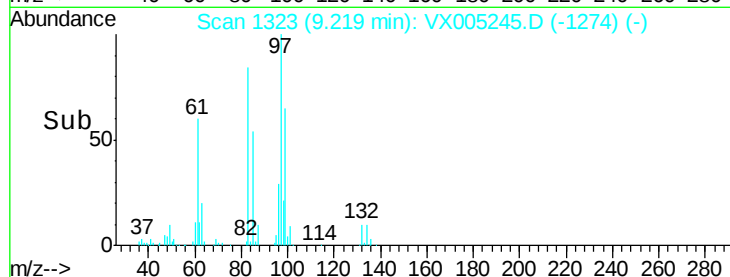


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 17.08 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

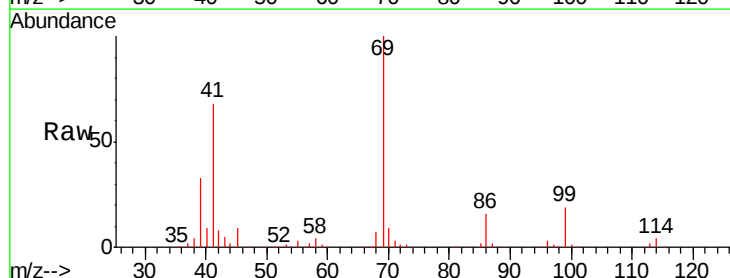
Tgt Ion: 69 Resp: 58393

Ion Ratio Lower Upper

69 100

41 69.7 56.9 85.3

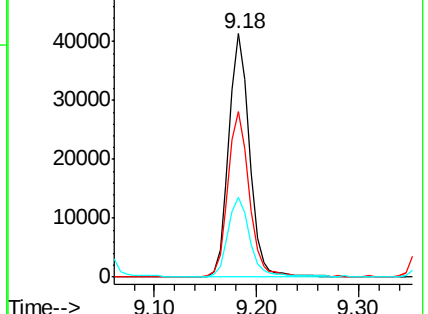
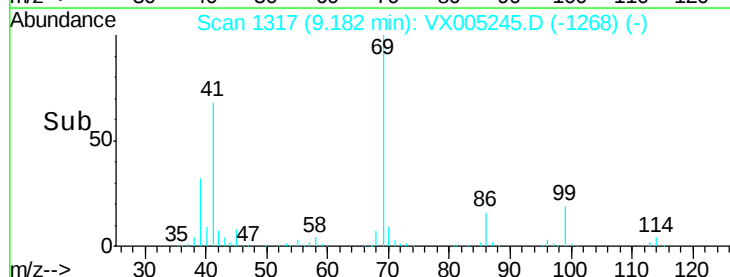
39 34.7 28.4 42.6



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: 17.50 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampled :

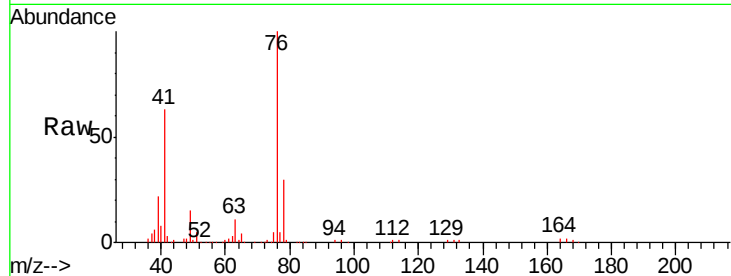
VX1010WBS06

Tgt Ion: 76 Resp: 69504

Ion Ratio Lower Upper

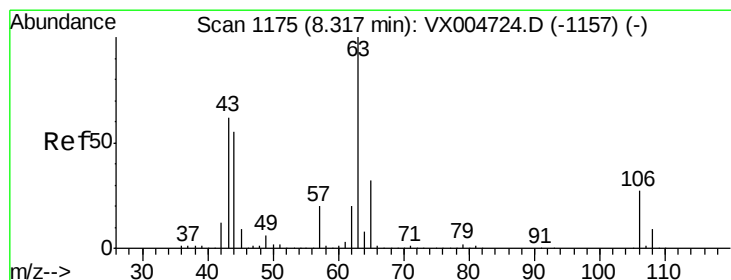
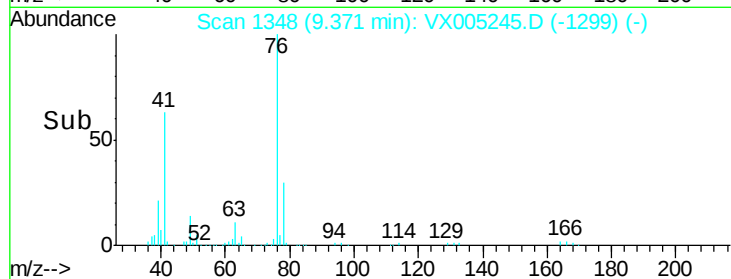
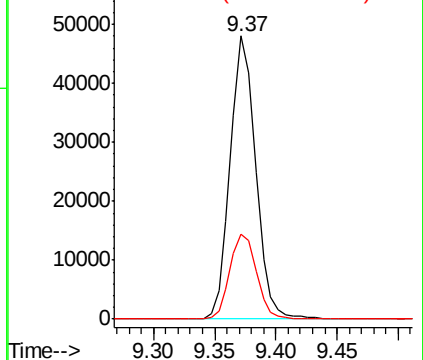
76 100

78 31.3 26.6 40.0



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: 89.40 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005245.D

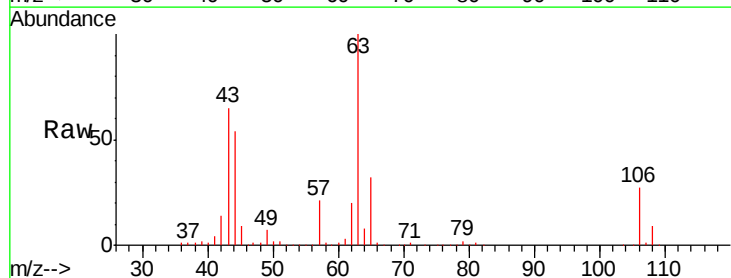
Acq: 11 Oct 2018 10:20

Tgt Ion: 63 Resp: 163870

Ion Ratio Lower Upper

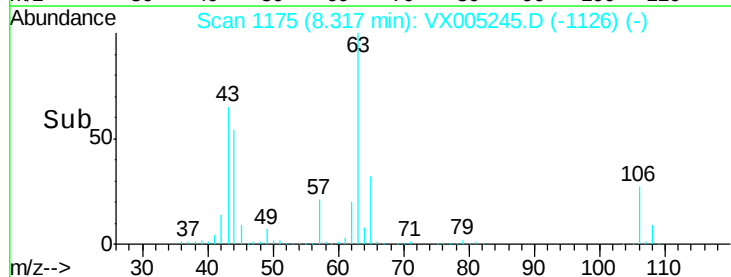
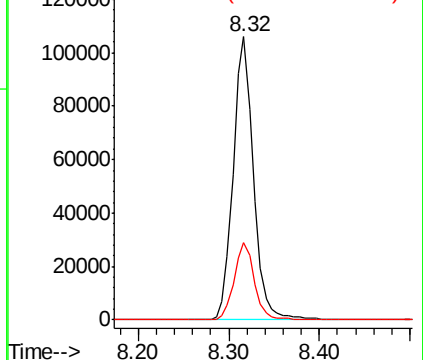
63 100

106 27.3 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

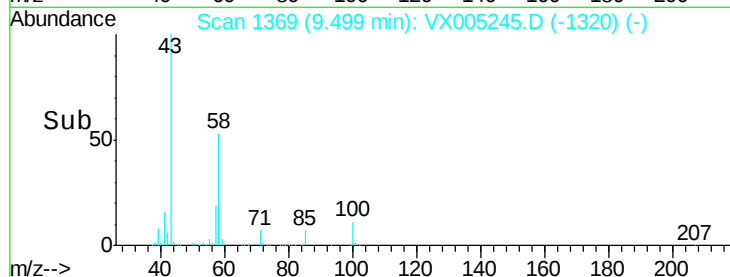
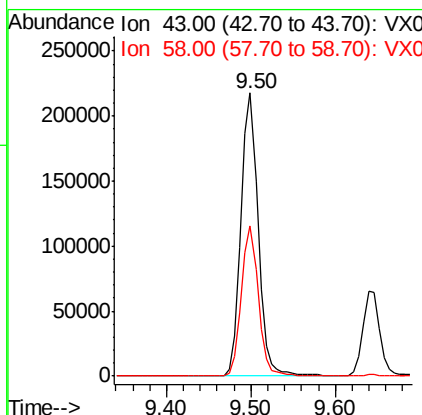
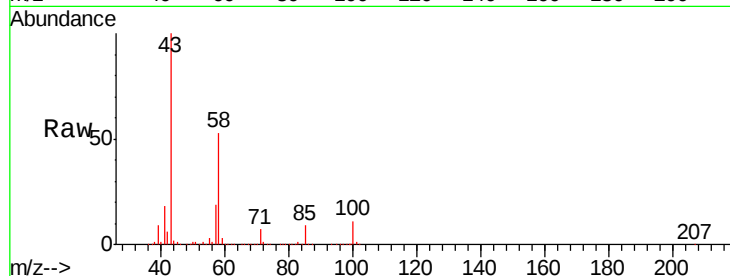




#59
2-Hexanone
Concen: 93.54 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

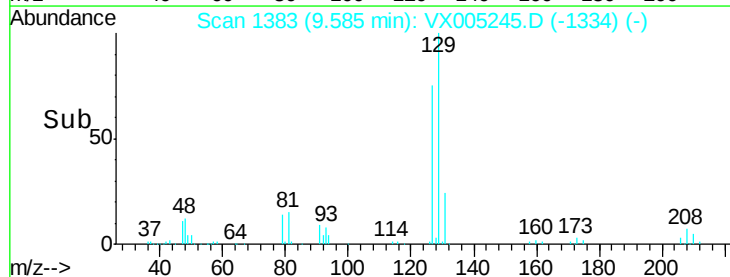
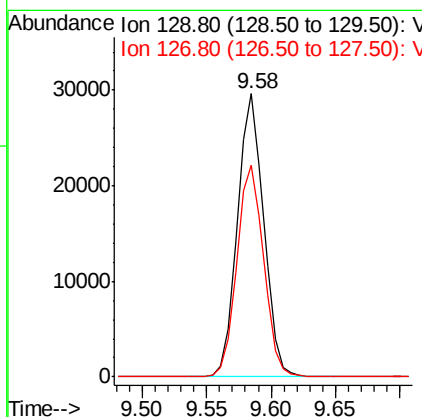
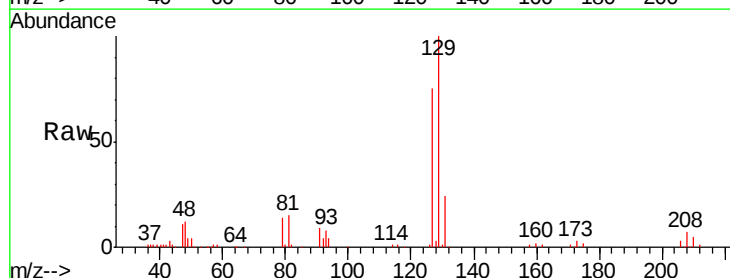
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

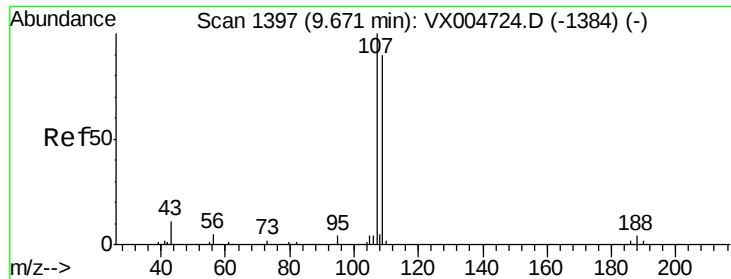
Tgt Ion: 43 Resp: 297767
Ion Ratio Lower Upper
43 100
58 52.0 28.4 85.3



#60
Dibromochloromethane
Concen: 17.59 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 129 Resp: 41977
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 16.86 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

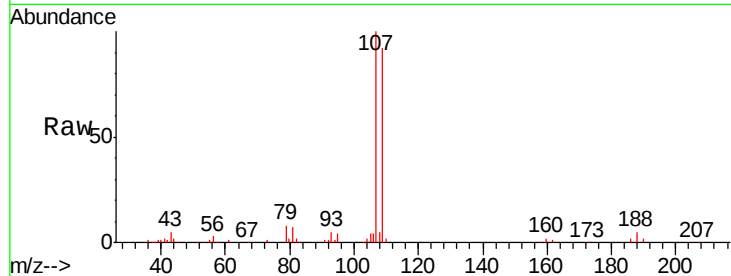
VX1010WBS06

Tgt Ion: 107 Resp: 43098

Ion Ratio Lower Upper

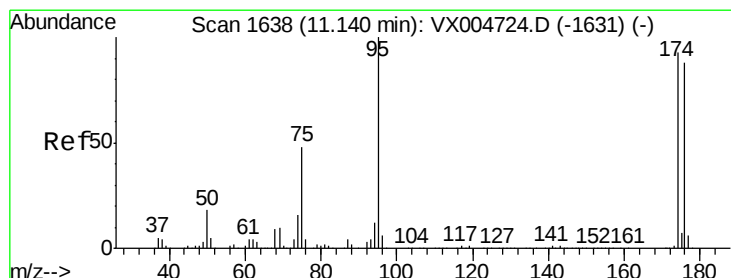
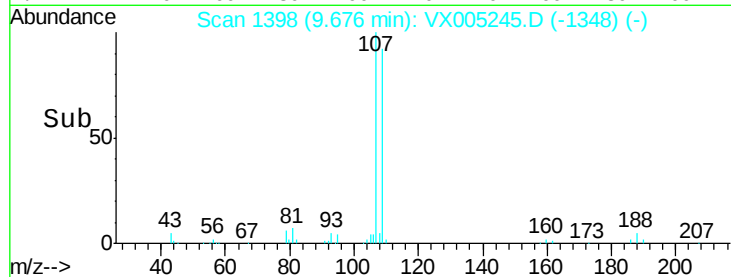
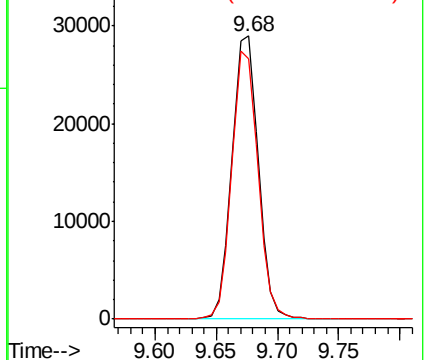
107 100

109 94.5 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 59.43 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

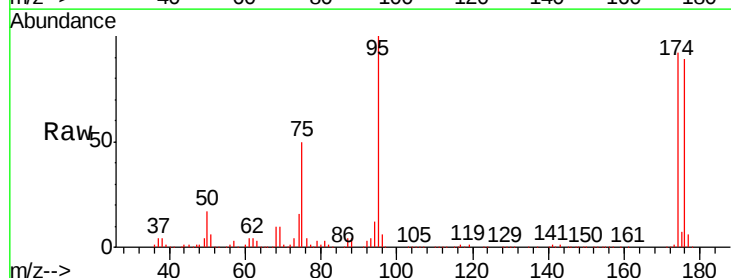
Tgt Ion: 95 Resp: 165195

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.0

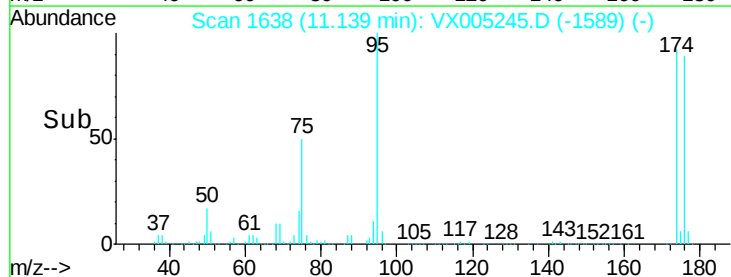
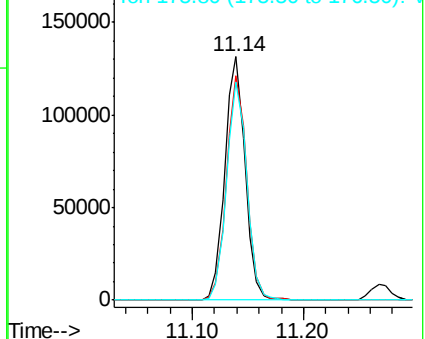
176 90.0 0.0 180.2

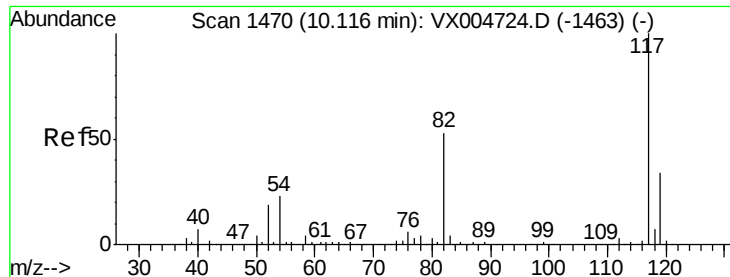


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

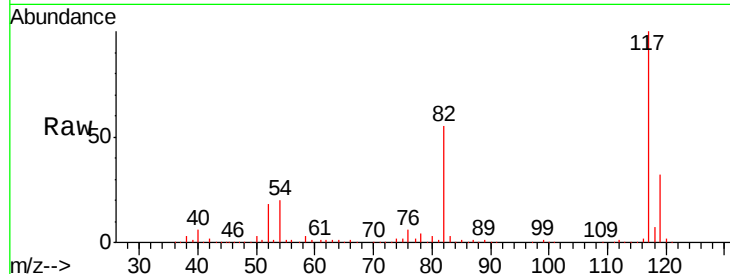




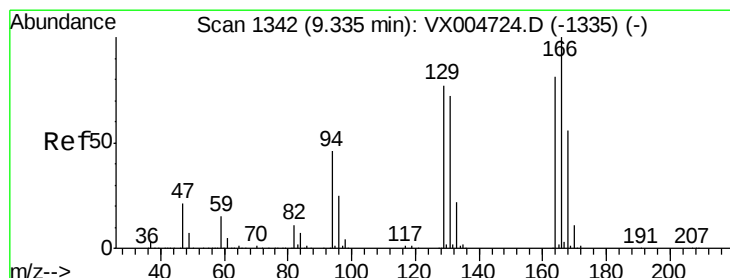
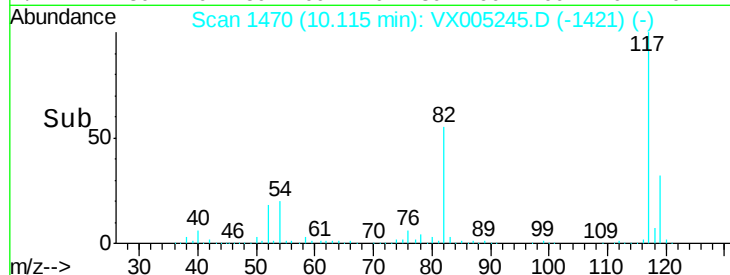
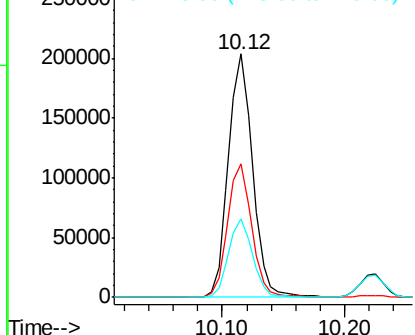
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampled :
VX1010WBS06

Tgt Ion:117 Resp: 280924
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.4
119 32.2 27.4 41.0

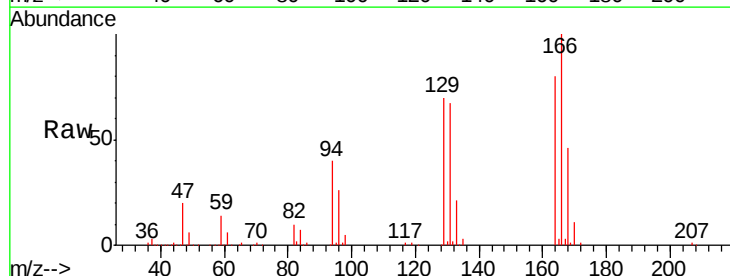


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

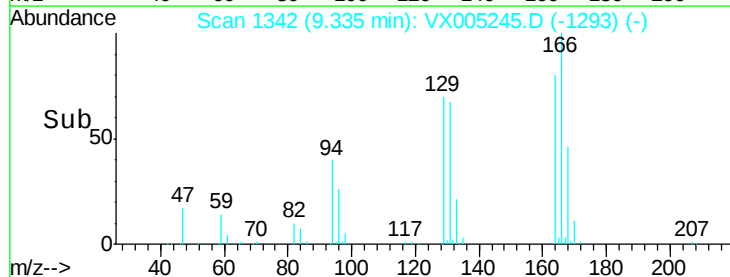
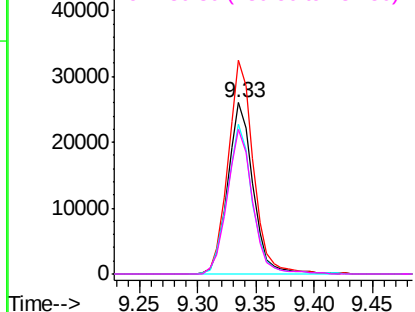


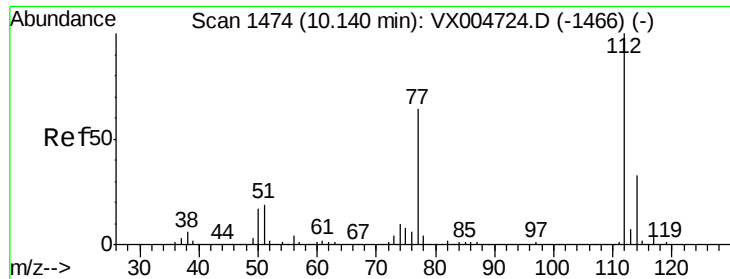
#64
Tetrachloroethene
Concen: 14.19 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion:164 Resp: 39234
Ion Ratio Lower Upper
164 100
166 124.6 98.4 147.6
129 87.1 76.1 114.1
131 84.0 71.0 106.4



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: 15.12 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

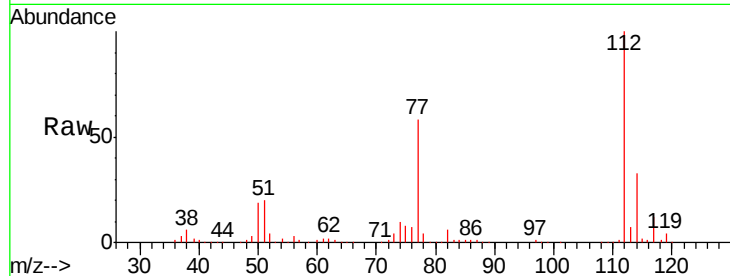
VX1010WBS06

Tgt Ion:112 Resp: 108926

Ion Ratio Lower Upper

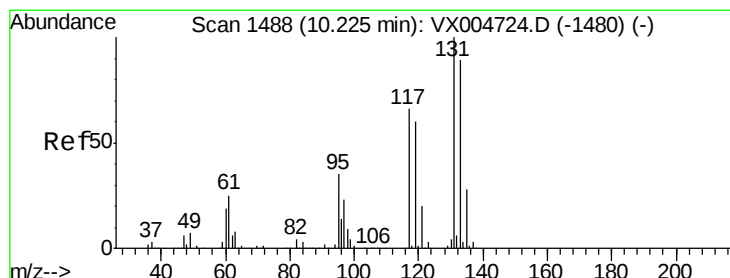
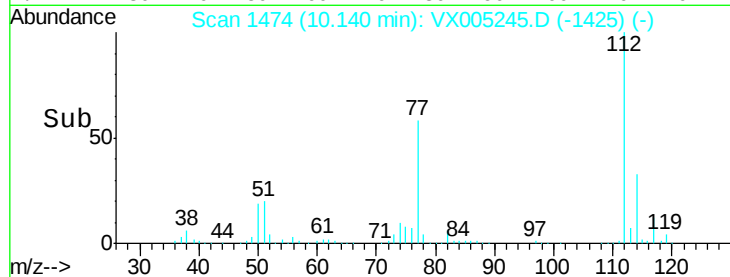
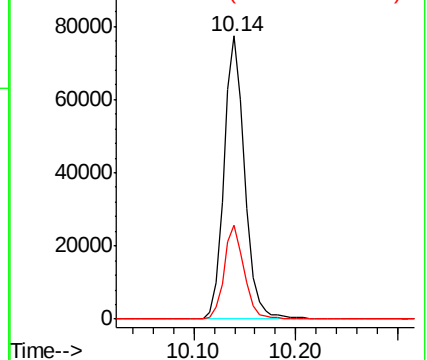
112 100

114 33.2 26.7 40.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 15.75 ug/l

RT: 10.22 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

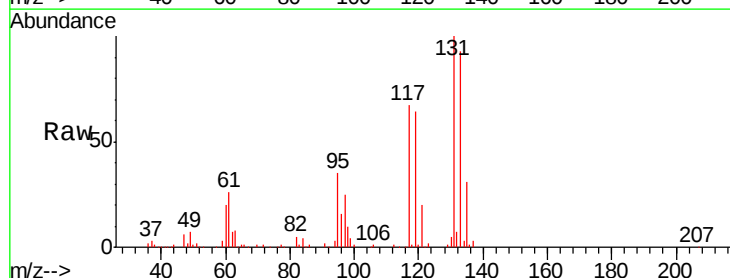
Tgt Ion:131 Resp: 39882

Ion Ratio Lower Upper

131 100

133 96.0 48.4 145.0

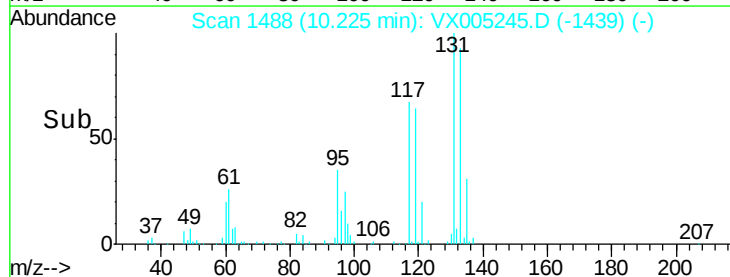
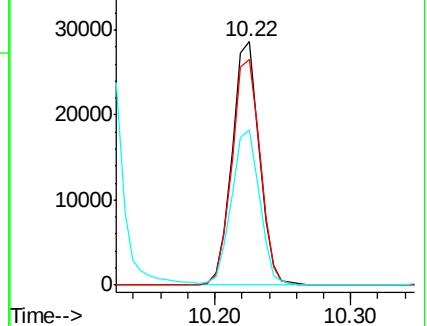
119 65.9 32.3 96.8

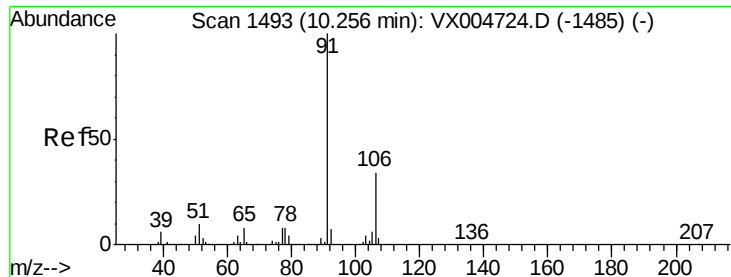


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

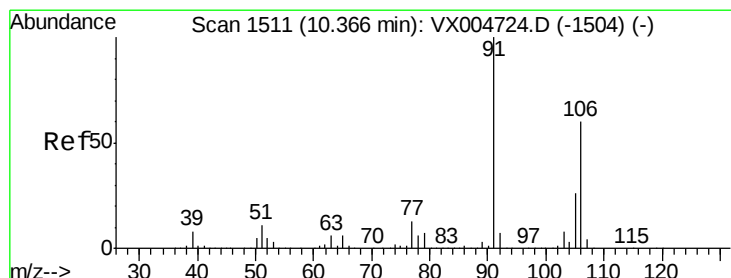
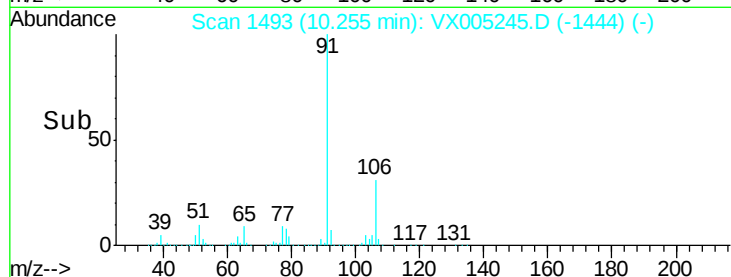
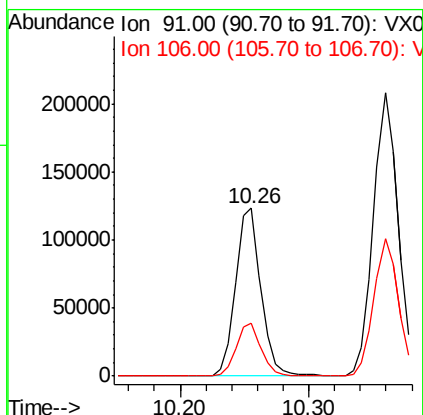
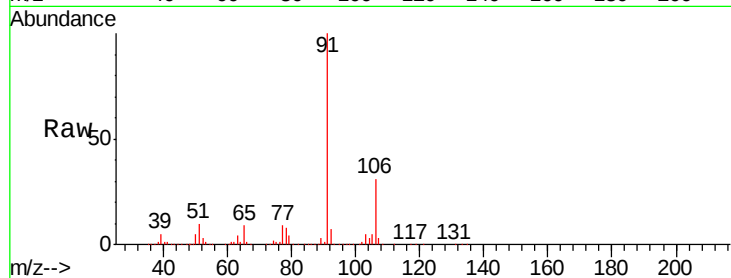




#67
Ethyl Benzene
Concen: 14.84 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

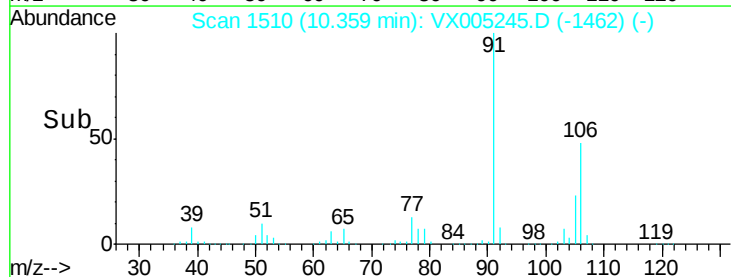
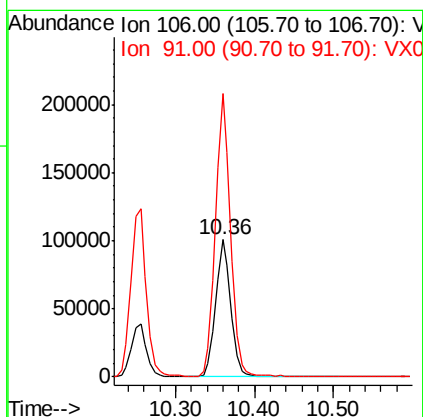
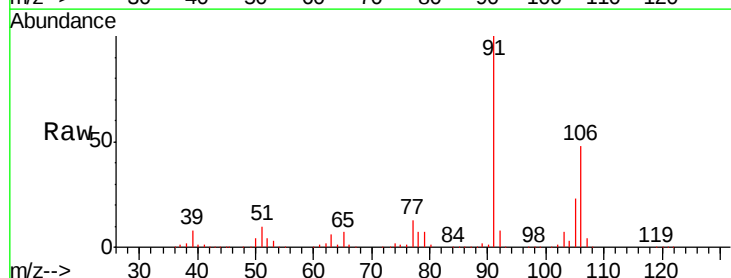
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion: 91 Resp: 169678
Ion Ratio Lower Upper
91 100
106 31.3 26.9 40.3



#68
m/p-Xylenes
Concen: 30.40 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 106 Resp: 135860
Ion Ratio Lower Upper
106 100
91 205.0 157.5 236.3

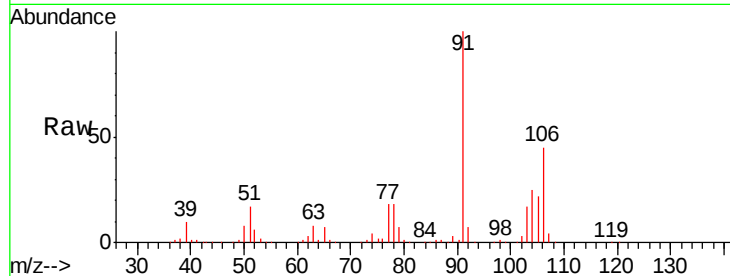




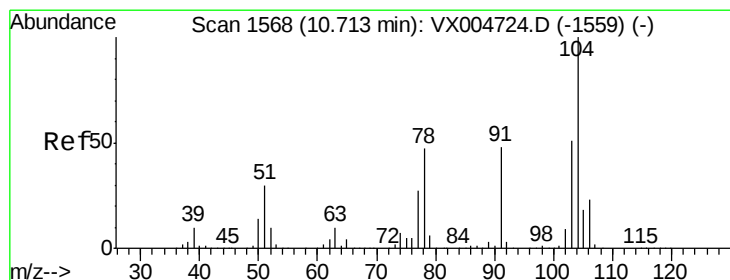
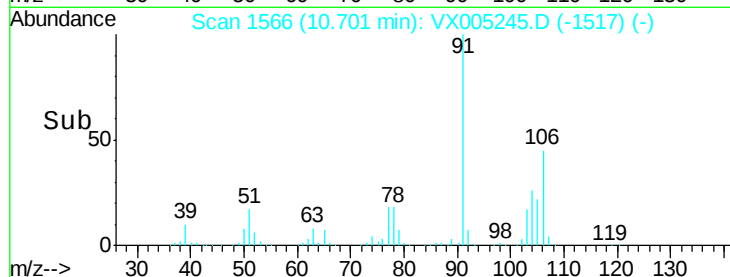
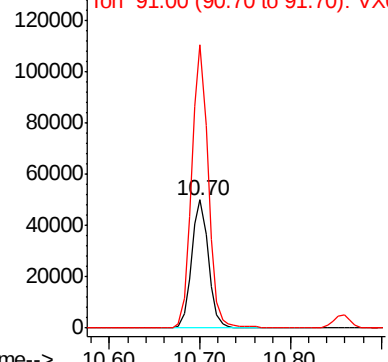
#69
o-Xylene
Concen: 15.89 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion:106 Resp: 65244
Ion Ratio Lower Upper
106 100
91 216.8 108.3 324.8

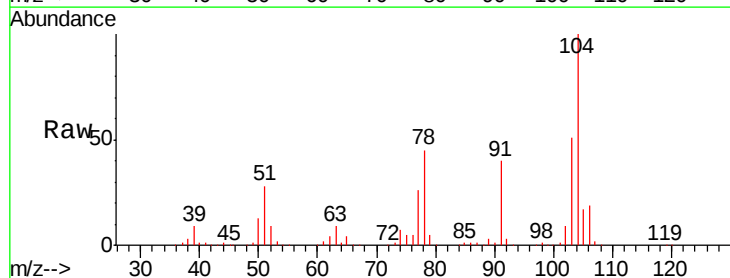


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

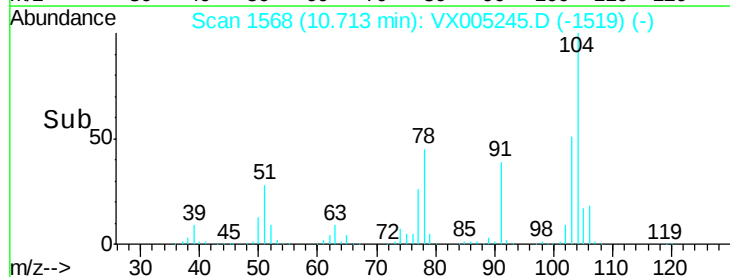
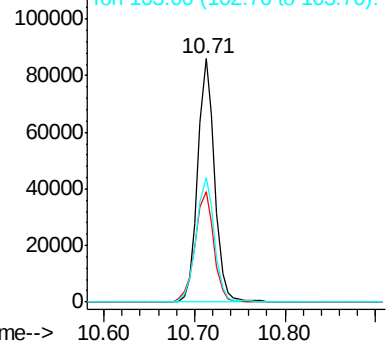


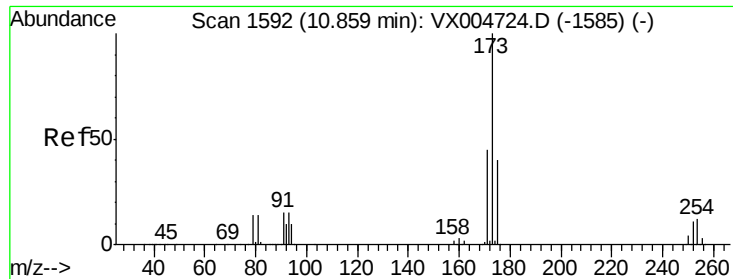
#70
Styrene
Concen: 16.05 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion:104 Resp: 111527
Ion Ratio Lower Upper
104 100
78 50.6 40.0 60.0
103 55.8 44.3 66.5



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





#71

Bromoform

Concen: 15.73 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

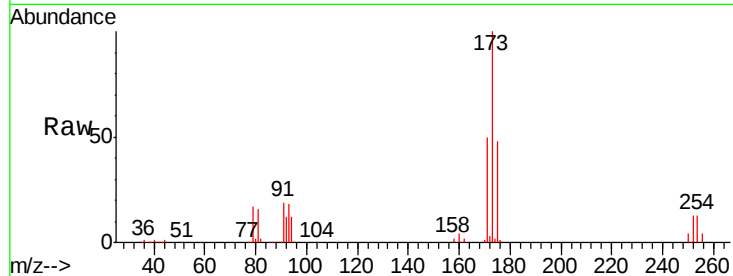
Tgt Ion:173 Resp: 34104

Ion Ratio Lower Upper

173 100

175 48.4 23.3 69.8

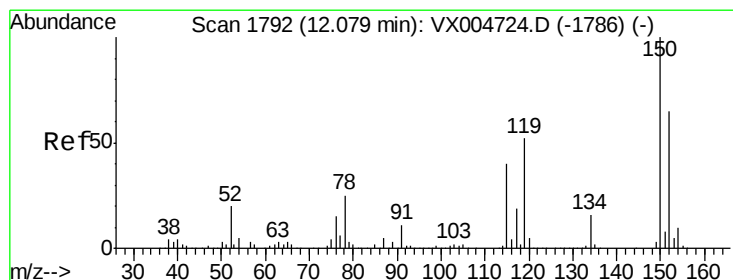
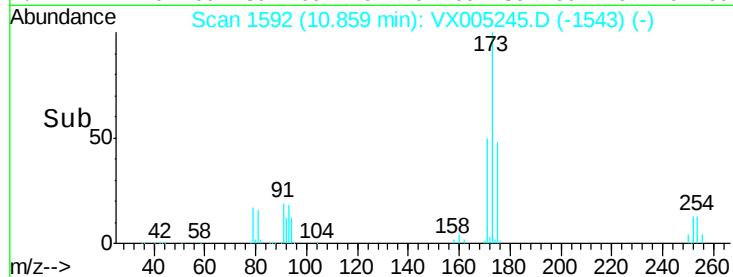
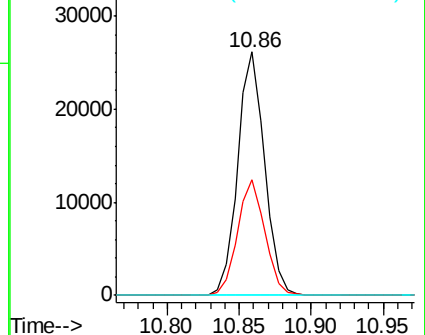
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

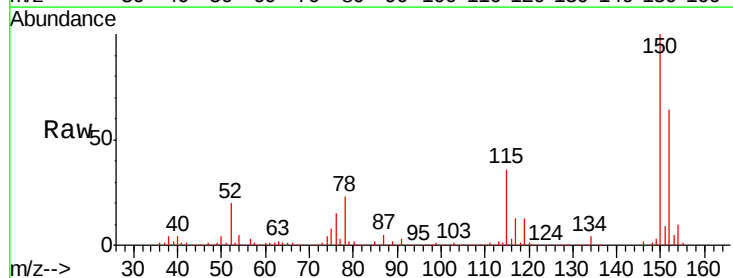
Tgt Ion:152 Resp: 177307

Ion Ratio Lower Upper

152 100

115 62.5 40.2 120.6

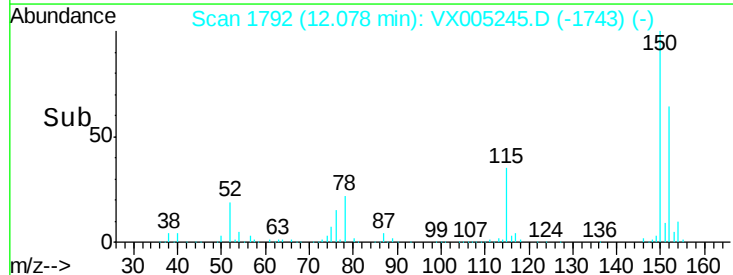
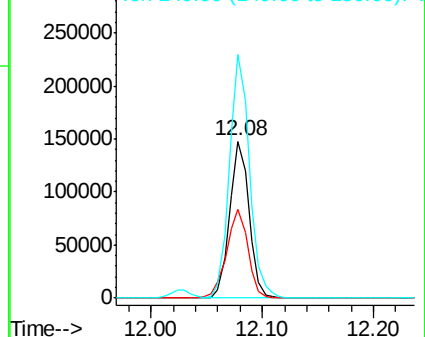
150 161.6 0.0 351.0



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: 15.41 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

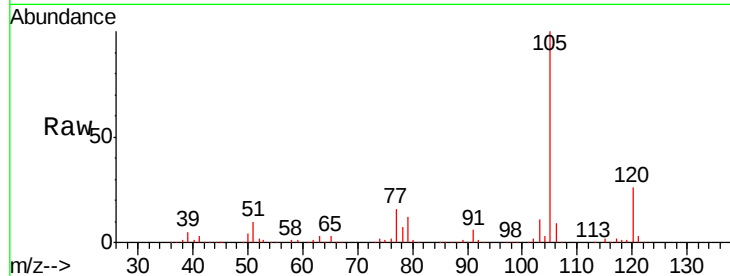
VX1010WBS06

Tgt Ion: 105 Resp: 172270

Ion Ratio Lower Upper

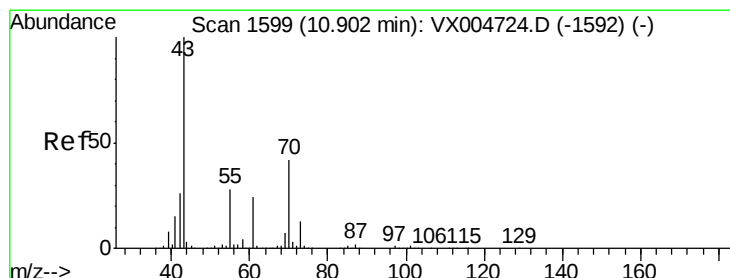
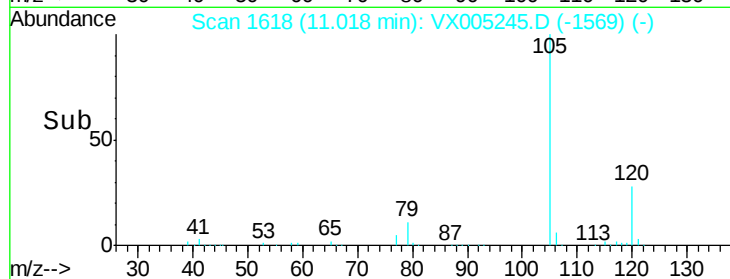
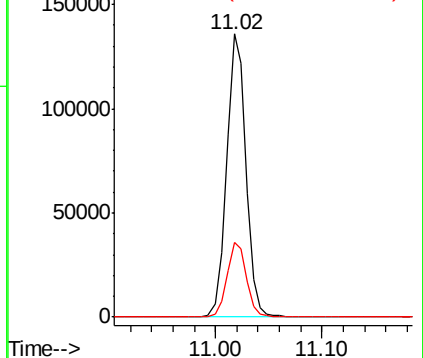
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 14.86 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion: 43 Resp: 83449

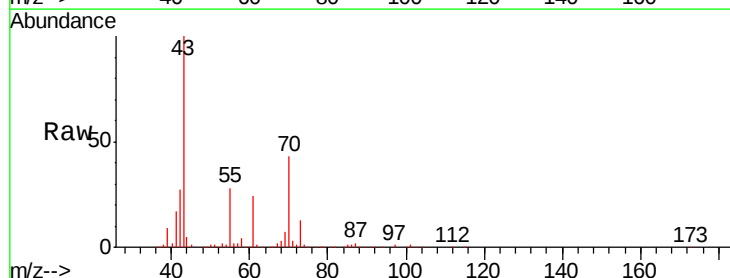
Ion Ratio Lower Upper

43 100

70 41.1 32.6 48.8

55 27.4 21.6 32.4

61 24.1 19.1 28.7

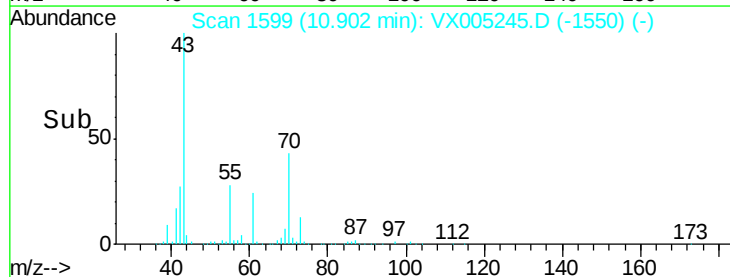
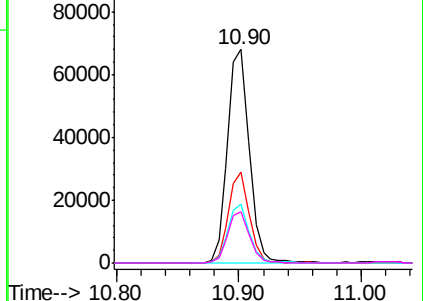


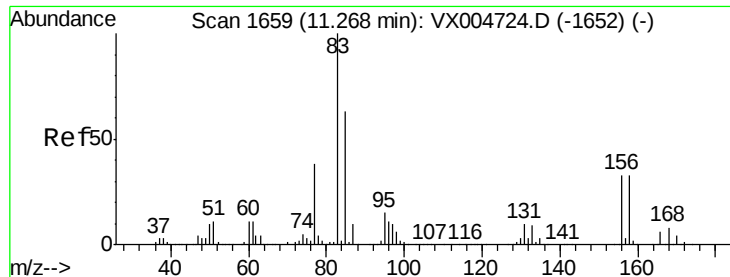
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 15.29 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

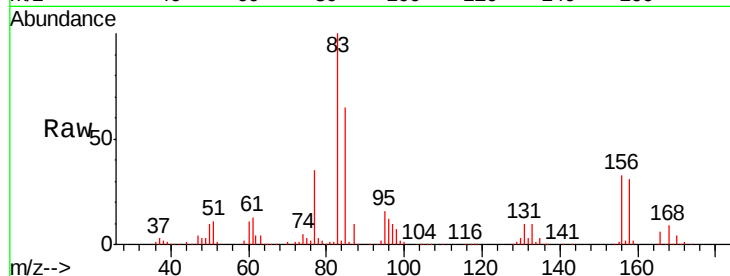
Tgt Ion: 83 Resp: 69542

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

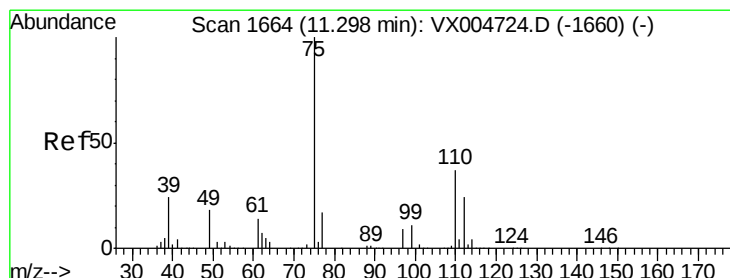
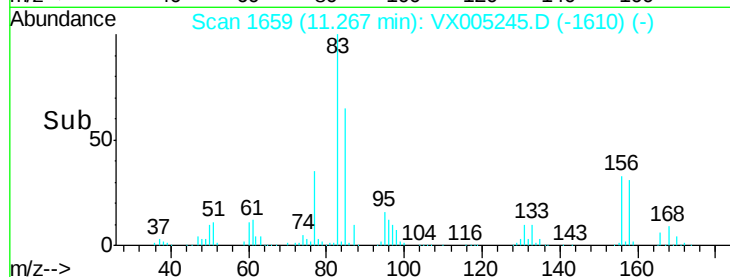
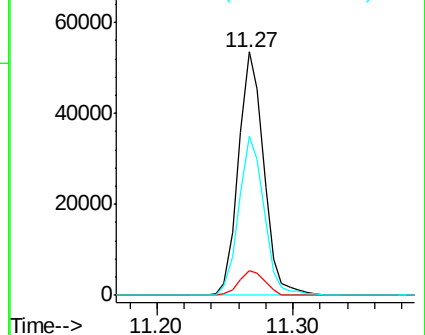
85 65.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.80 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005245.D

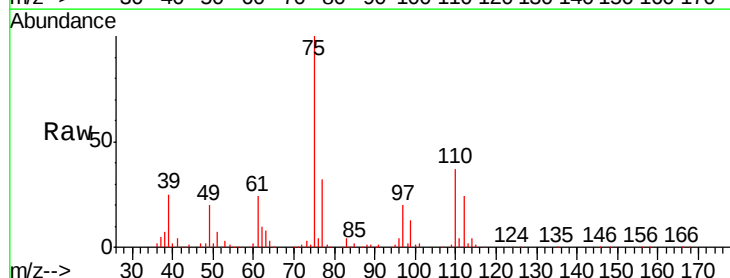
Acq: 11 Oct 2018 10:20

Tgt Ion: 75 Resp: 78677

Ion Ratio Lower Upper

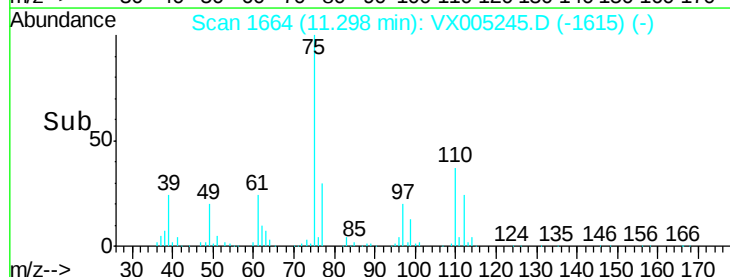
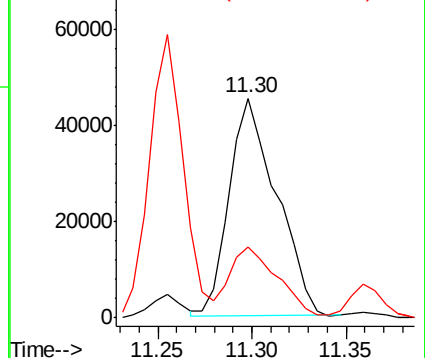
75 100

77 33.4 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 15.97 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

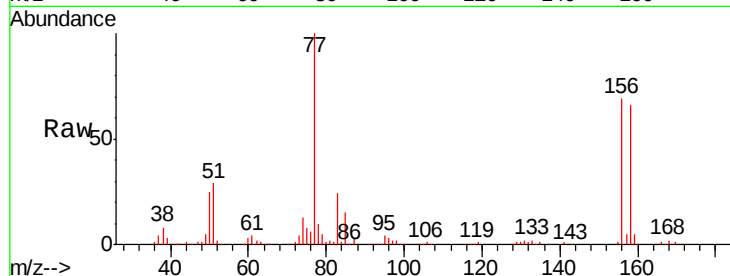
Tgt Ion:156 Resp: 51828

Ion Ratio Lower Upper

156 100

77 143.8 73.4 220.2

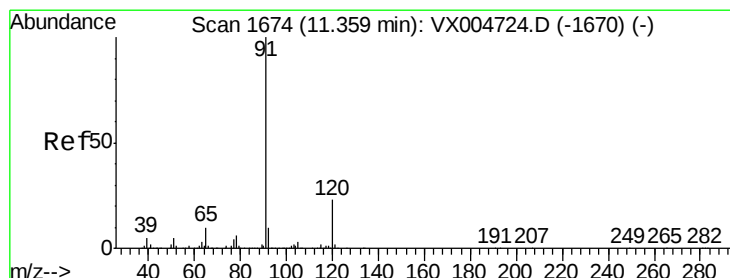
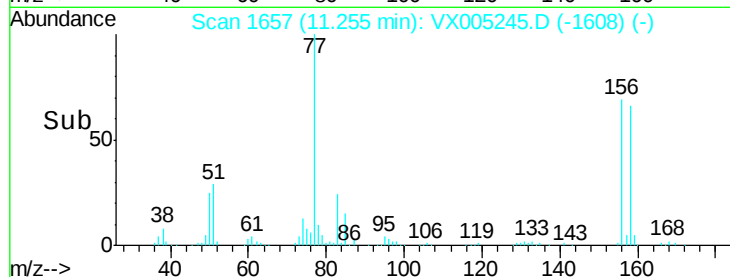
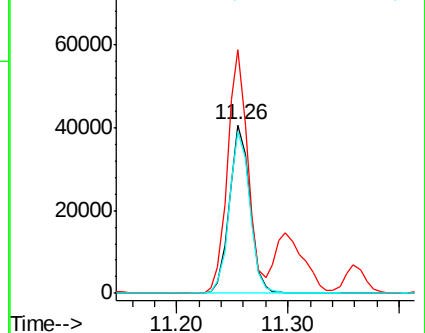
158 96.4 49.1 147.4



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: 15.36 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005245.D

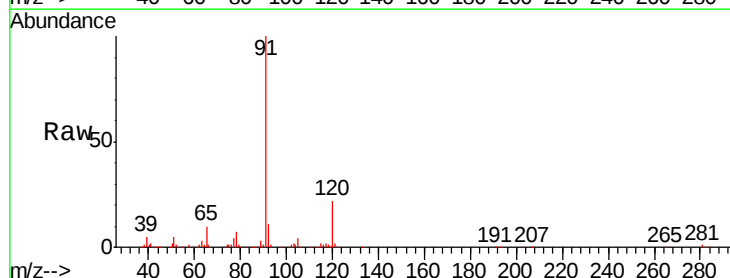
Acq: 11 Oct 2018 10:20

Tgt Ion: 91 Resp: 197011

Ion Ratio Lower Upper

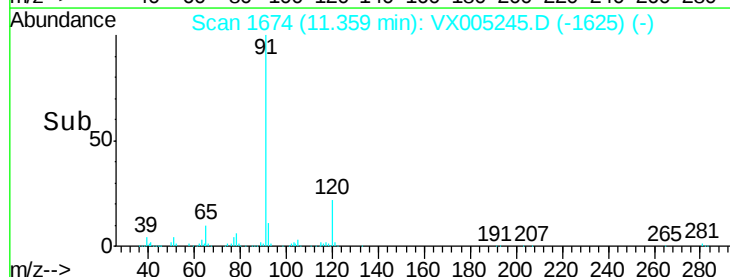
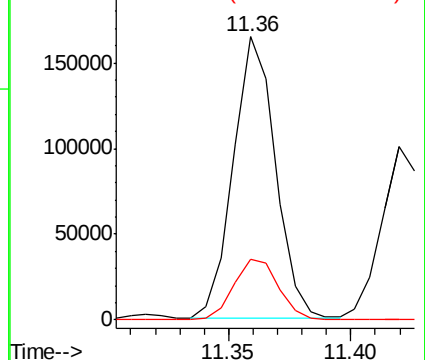
91 100

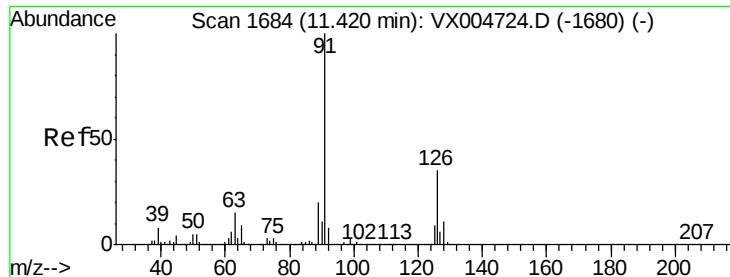
120 23.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.69 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

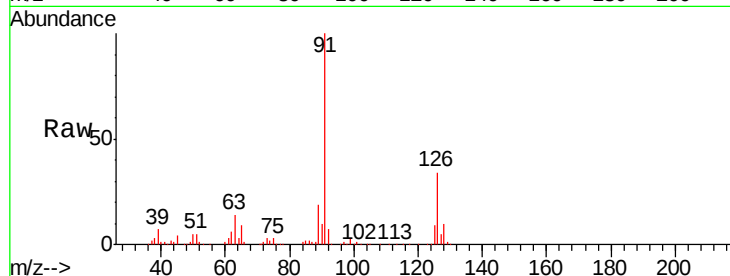
VX1010WBS06

Tgt Ion: 91 Resp: 125419

Ion Ratio Lower Upper

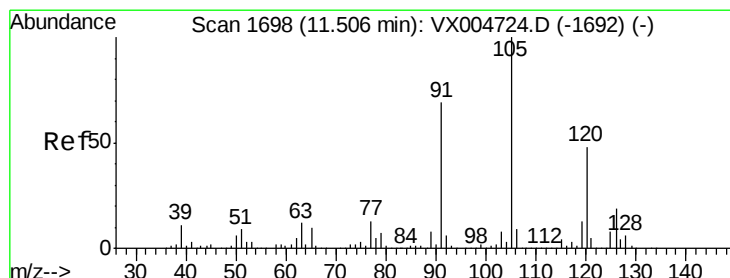
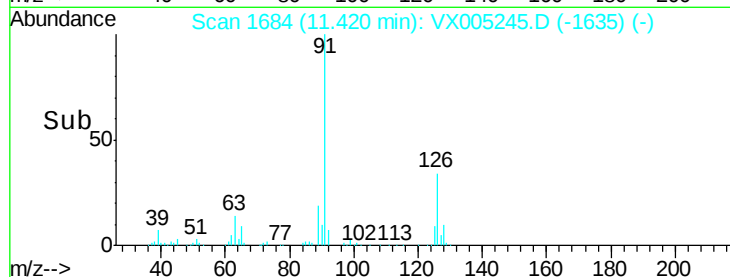
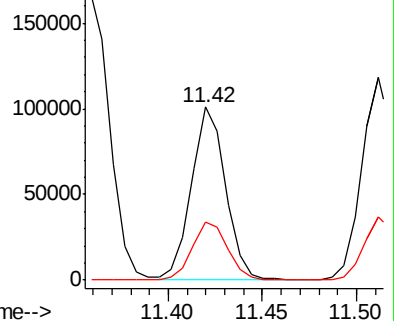
91 100

126 35.4 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 14.64 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005245.D

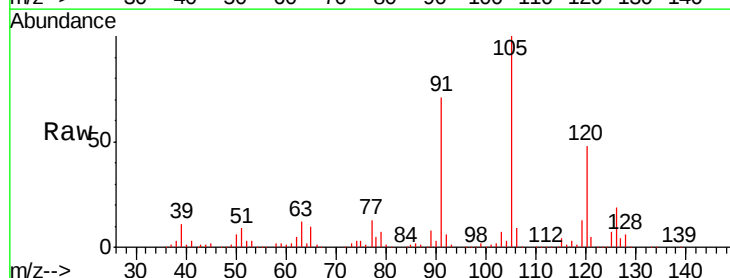
Acq: 11 Oct 2018 10:20

Tgt Ion: 105 Resp: 151364

Ion Ratio Lower Upper

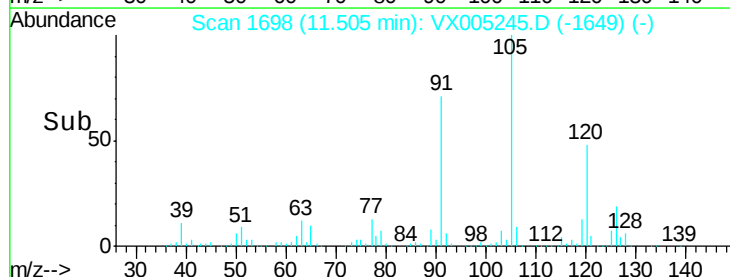
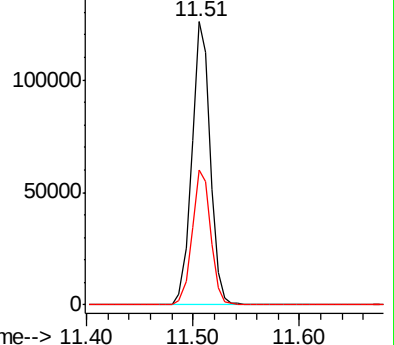
105 100

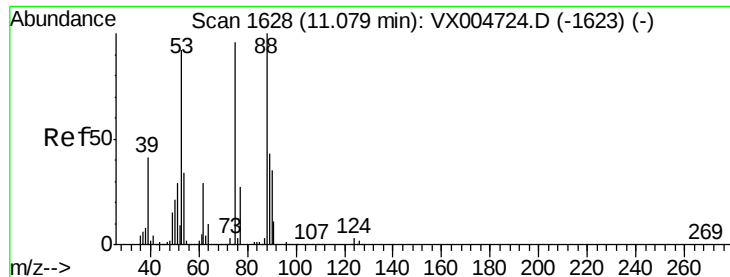
120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 13.97 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

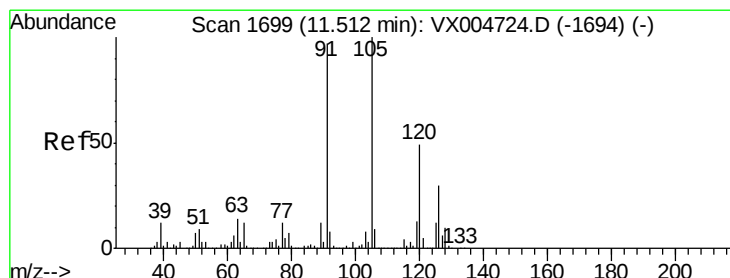
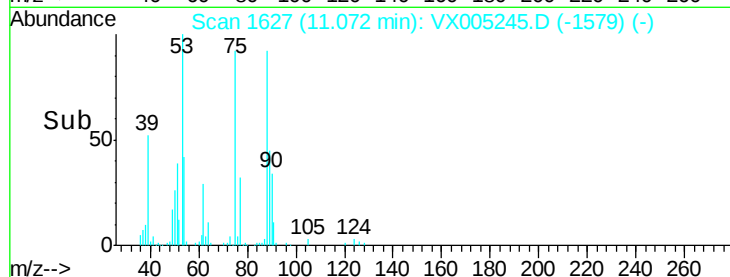
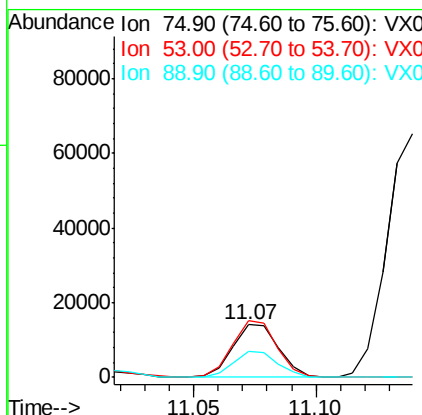
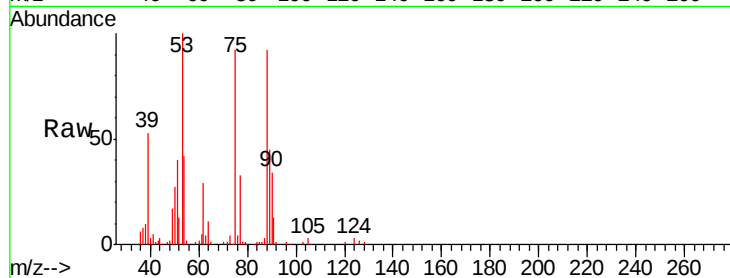
Tgt Ion: 75 Resp: 18189

Ion Ratio Lower Upper

75 100

53 105.3 80.2 120.4

89 48.3 37.1 55.7



#82

4-Chlorotoluene

Concen: 15.78 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005245.D

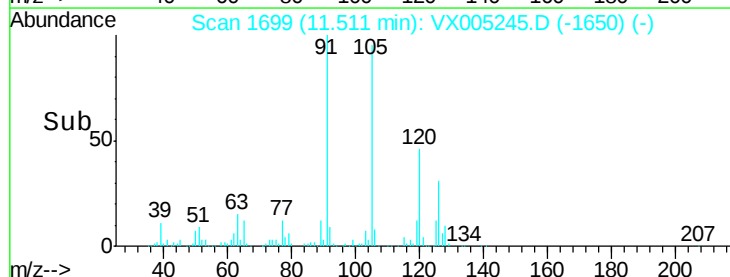
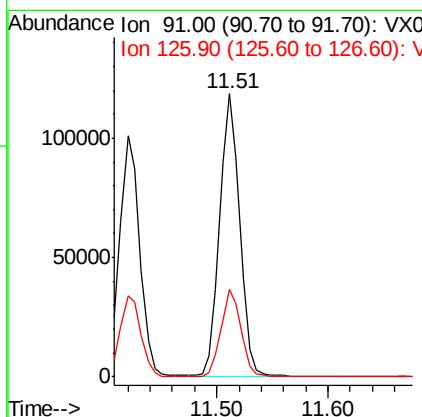
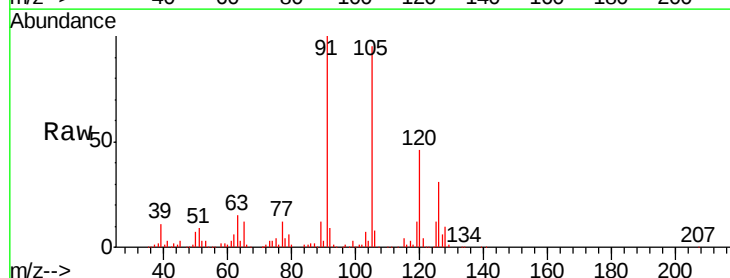
Acq: 11 Oct 2018 10:20

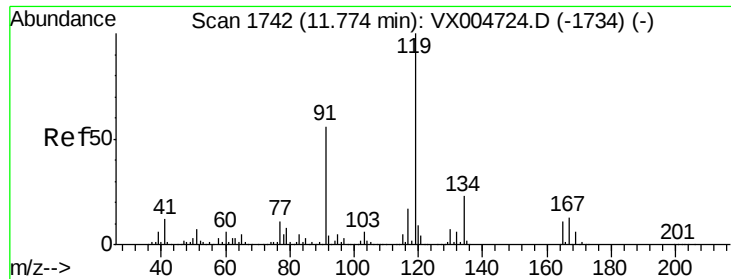
Tgt Ion: 91 Resp: 148443

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5

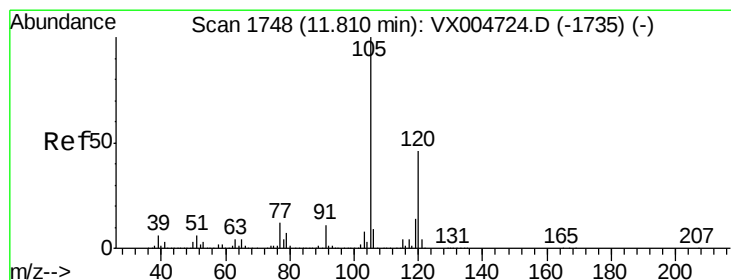
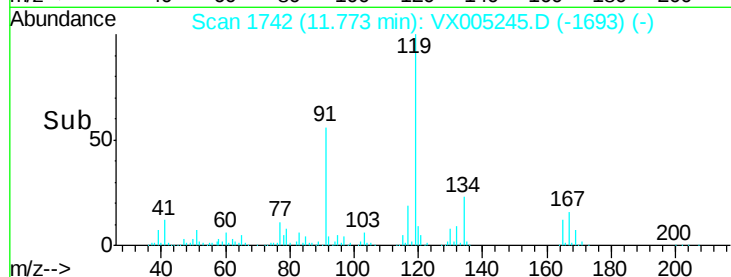
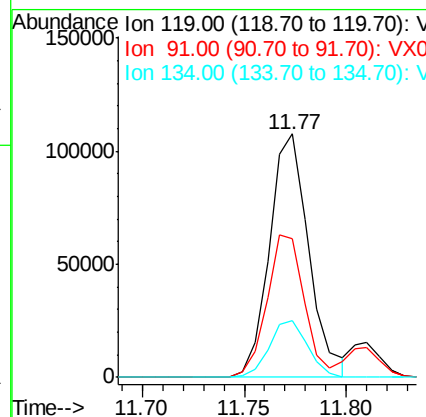
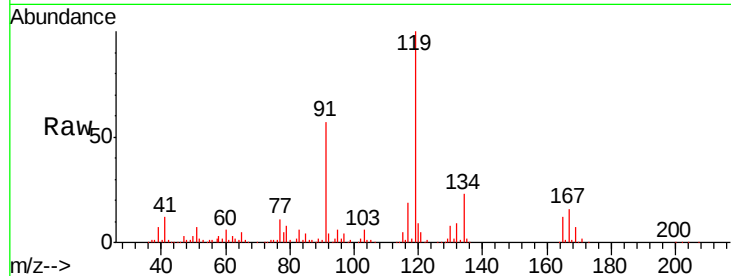




#83
 tert-Butylbenzene
 Concen: 15.72 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

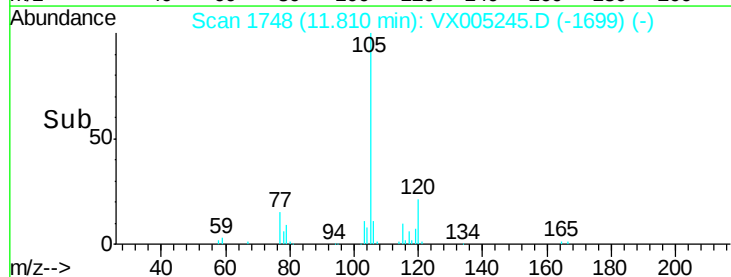
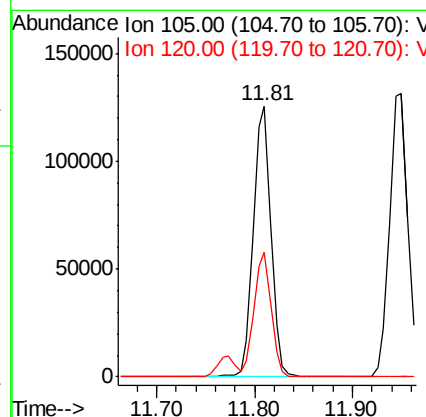
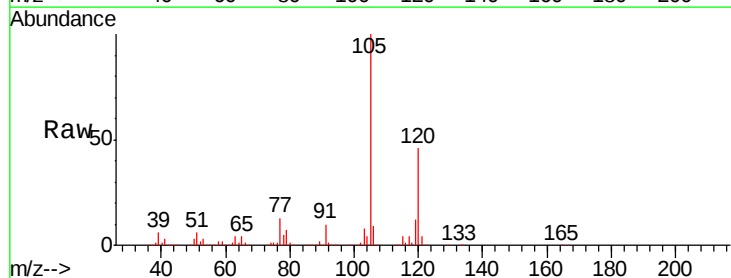
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Tgt Ion:119 Resp: 144645
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.5 82.5
 134 23.0 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 14.77 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion:105 Resp: 157461
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.8 68.3

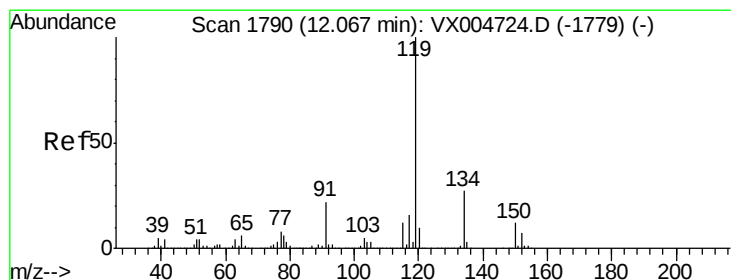
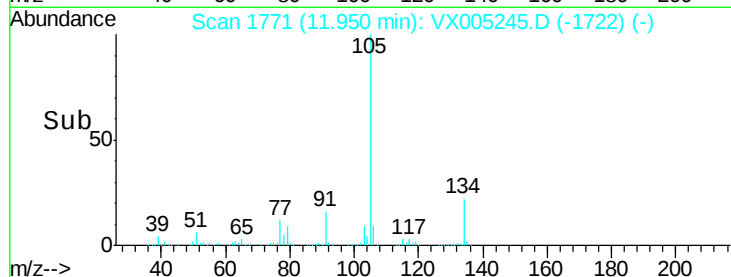
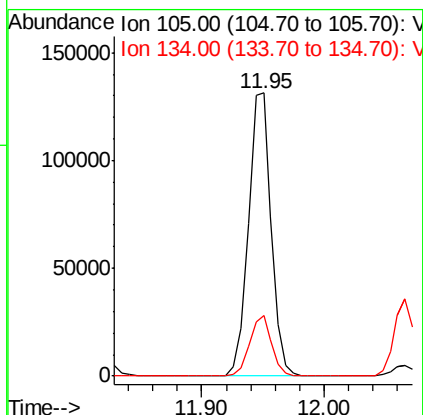
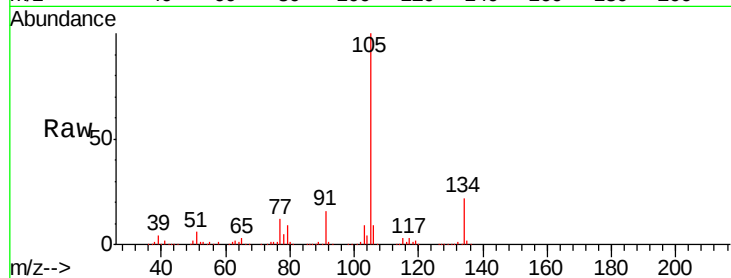




#85
 sec-Butylbenzene
 Concen: 15.21 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

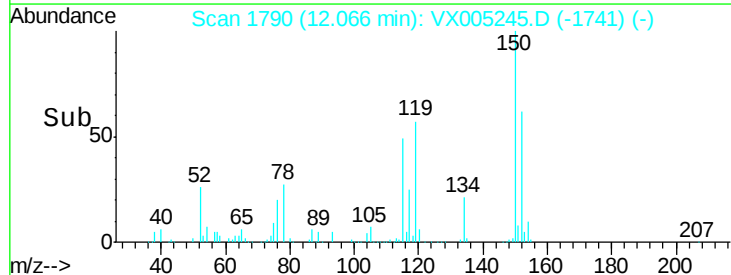
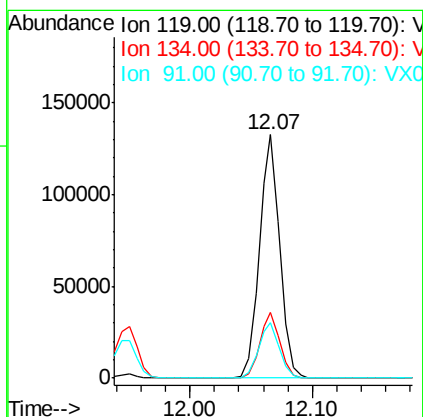
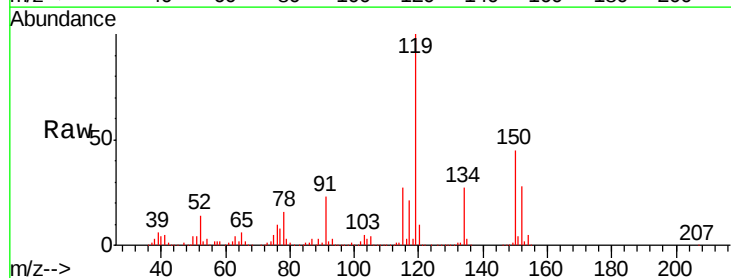
Instrument :
 MSVOA_X
 ClientSampled :
 VX1010WBS06

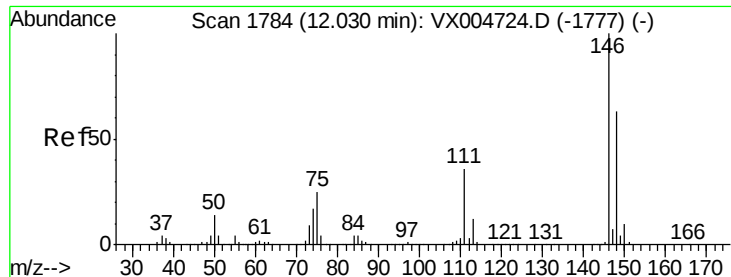
Tgt Ion:105 Resp: 170490
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 15.17 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion:119 Resp: 154019
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 23.6 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 15.41 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampled :

VX1010WBS06

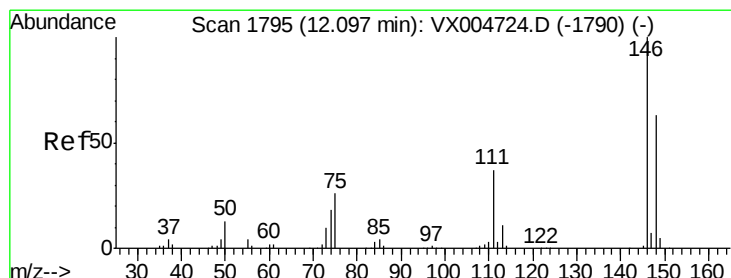
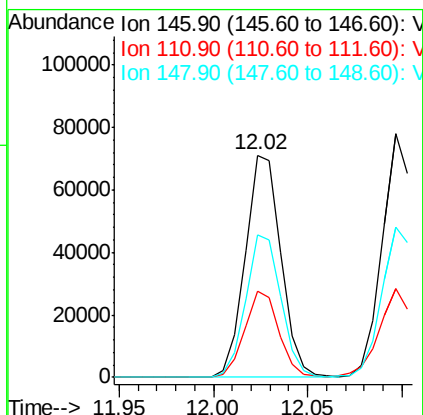
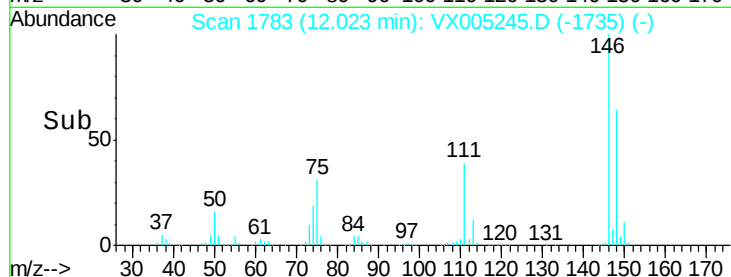
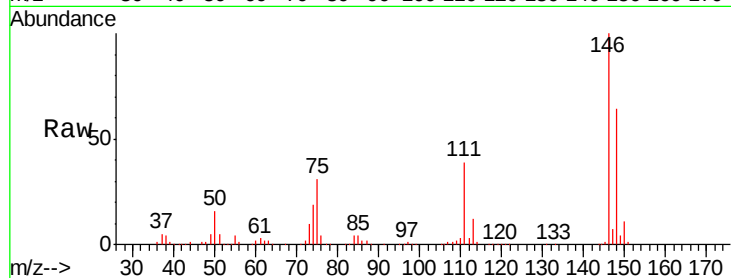
Tgt Ion:146 Resp: 93391

Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.9

148 63.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 15.15 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

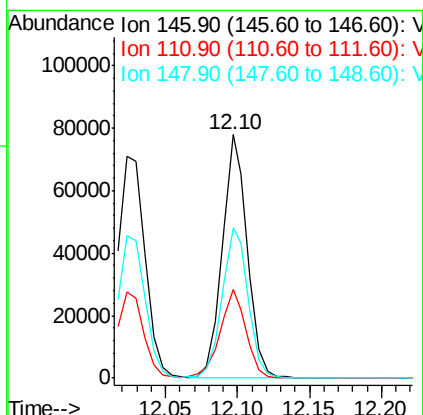
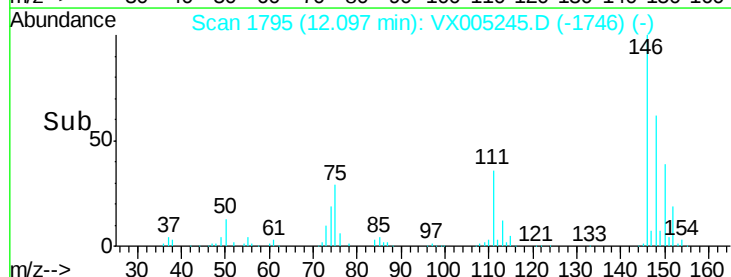
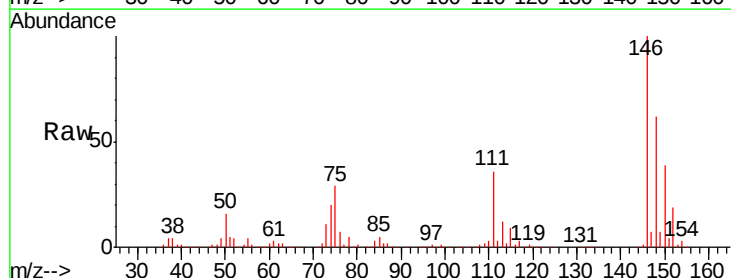
Tgt Ion:146 Resp: 94804

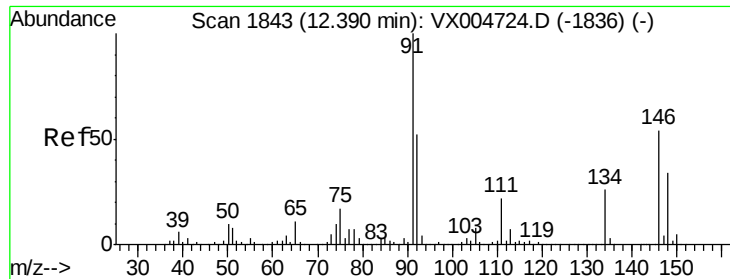
Ion Ratio Lower Upper

146 100

111 38.0 18.4 55.2

148 64.7 32.0 96.0





#89

n-Butylbenzene

Concen: 14.07 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampled :

VX1010WBS06

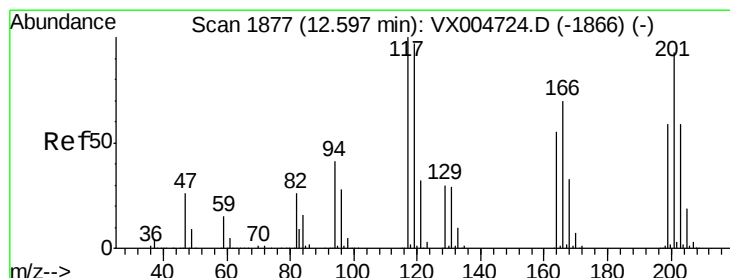
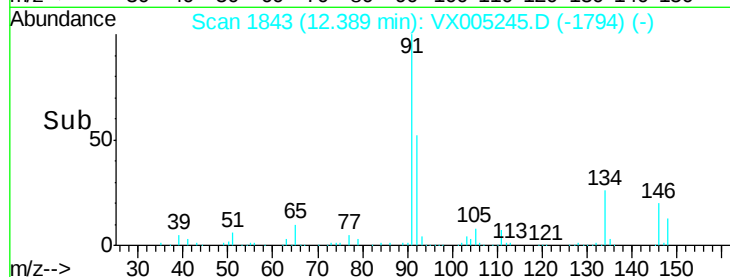
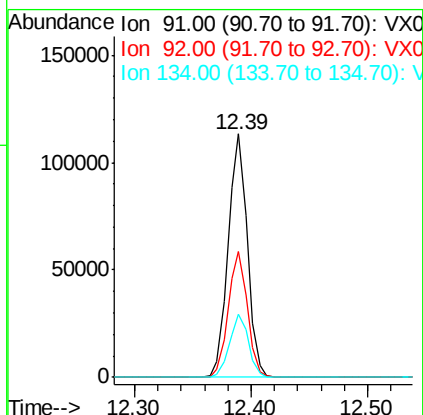
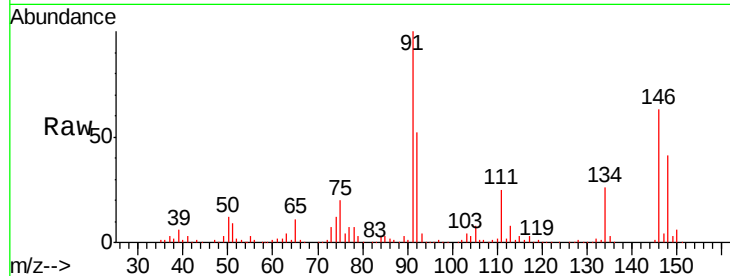
Tgt Ion: 91 Resp: 129769

Ion Ratio Lower Upper

91 100

92 51.2 26.0 78.0

134 25.8 13.2 39.6



#90

Hexachloroethane

Concen: 14.90 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005245.D

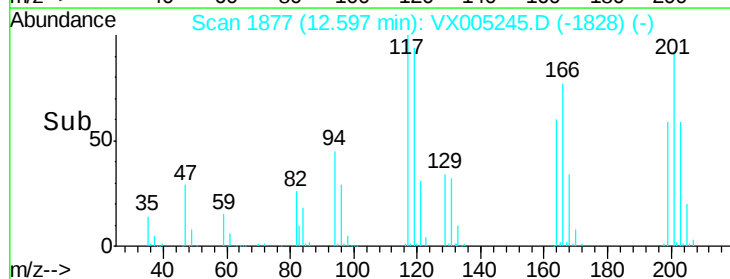
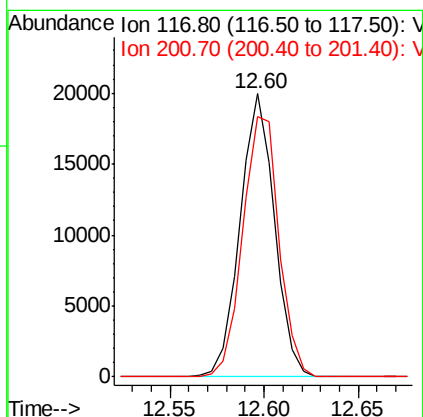
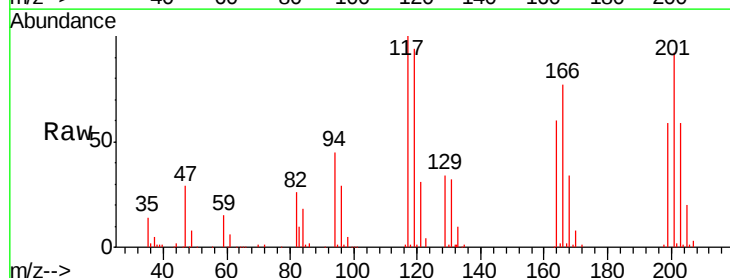
Acq: 11 Oct 2018 10:20

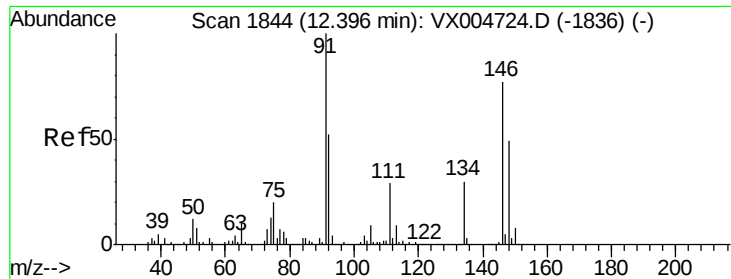
Tgt Ion: 117 Resp: 25194

Ion Ratio Lower Upper

117 100

201 97.0 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 15.00 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

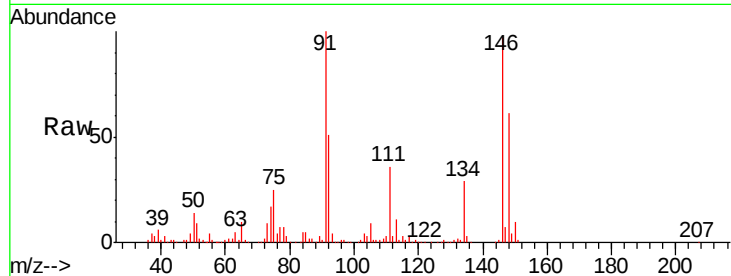
Tgt Ion:146 Resp: 95038

Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.7

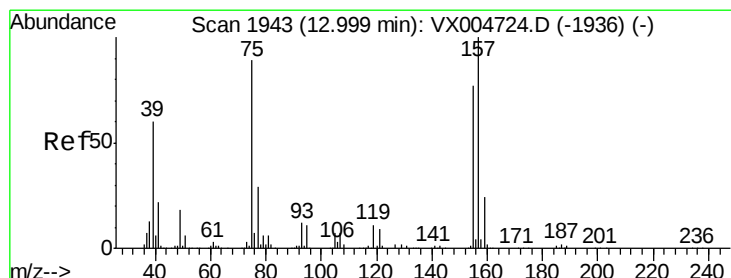
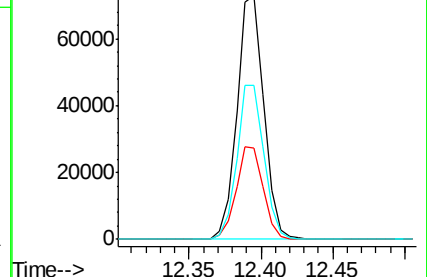
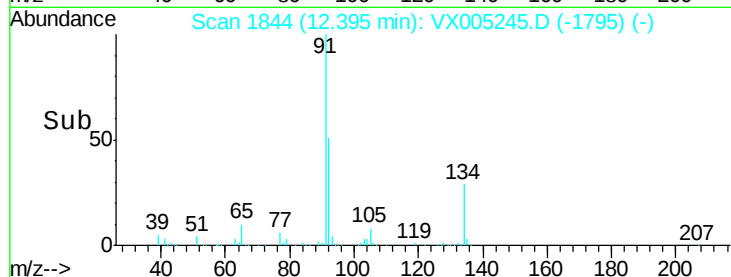
148 63.9 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.80 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

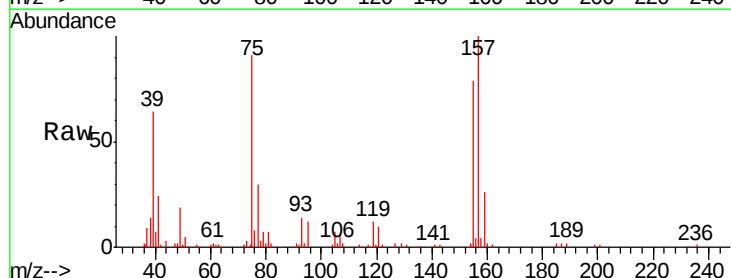
Tgt Ion: 75 Resp: 16784

Ion Ratio Lower Upper

75 100

155 91.3 46.1 138.3

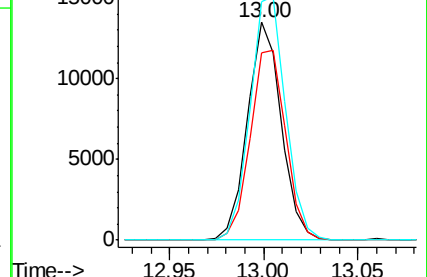
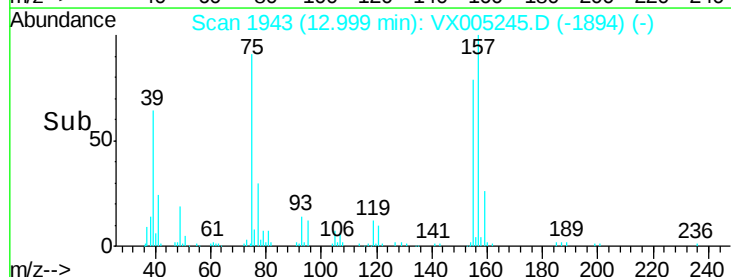
157 116.4 60.2 180.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

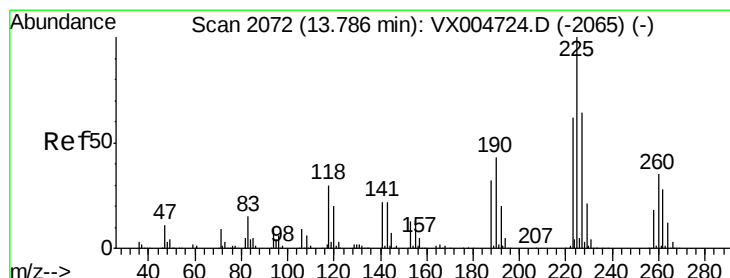
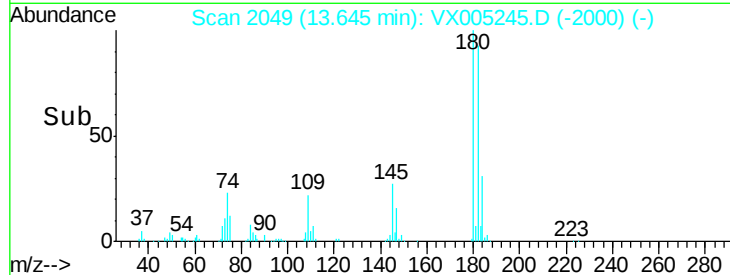
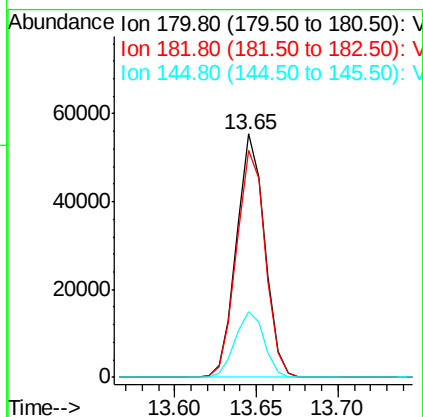
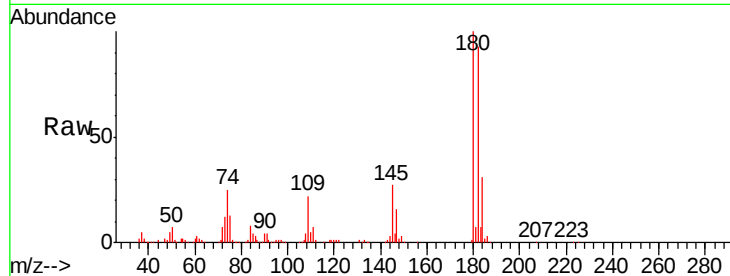




#93
 1,2,4-Trichlorobenzene
 Concen: 15.05 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

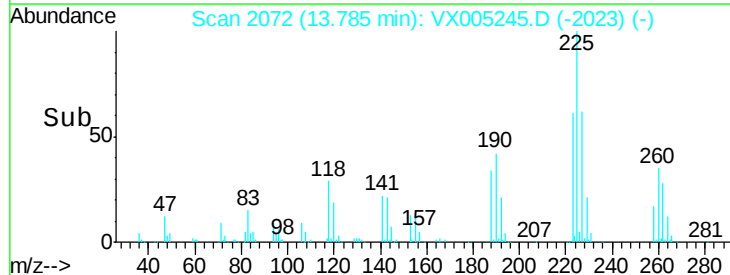
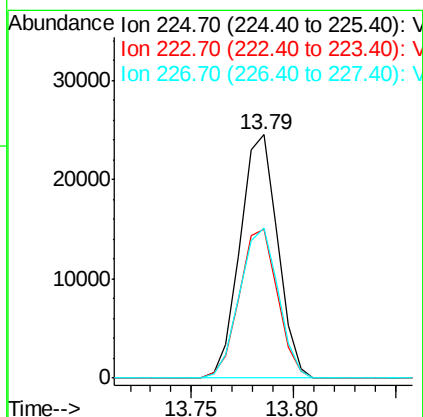
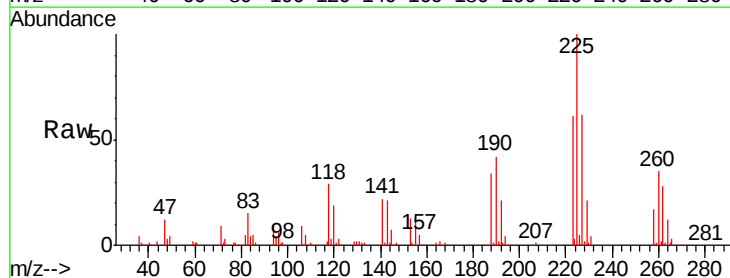
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

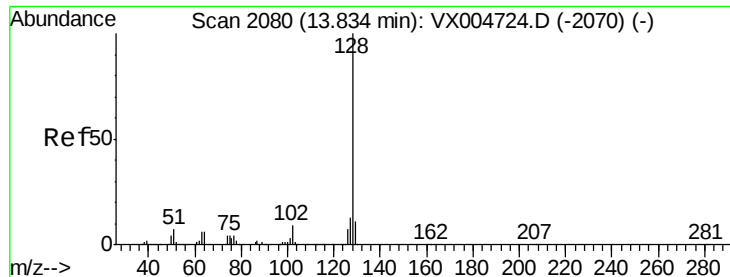
Tgt Ion:180 Resp: 66866
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.4
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 13.65 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion:225 Resp: 31448
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.8
 227 63.1 31.9 95.5





#95

Naphthalene

Concen: 14.75 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

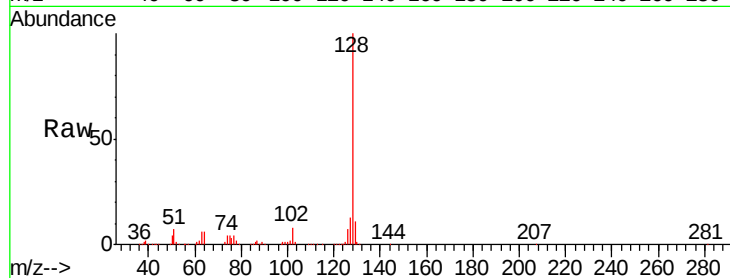
Tgt Ion:128 Resp: 209991

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

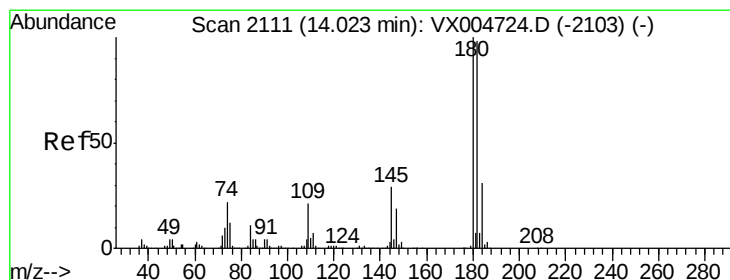
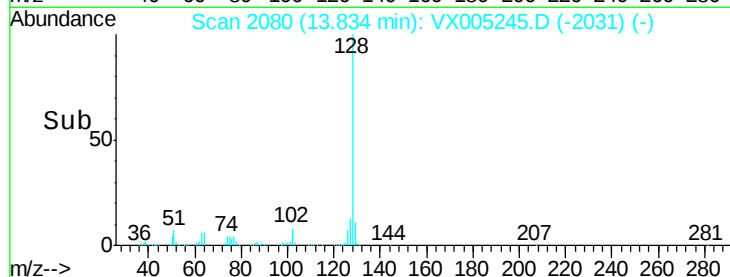
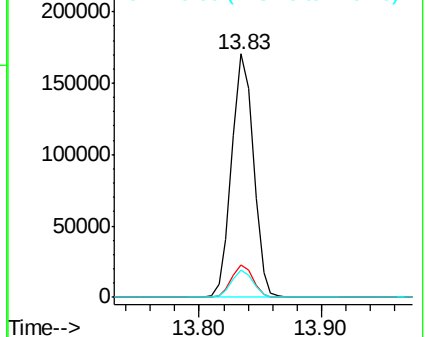
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 15.59 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

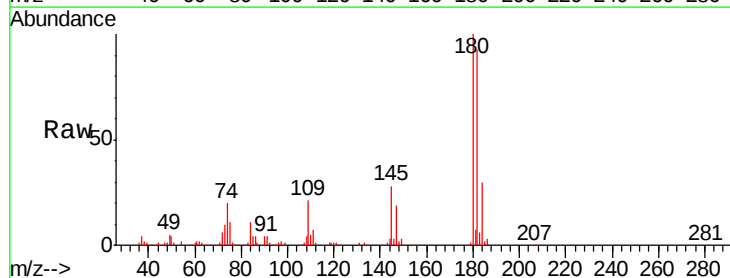
Tgt Ion:180 Resp: 71552

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.8

145 29.5 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

