

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006192.D
 Acq On : 26 Nov 2018 23:37
 Operator : JC/MD
 Sample : VX1126WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Quant Time: Nov 27 04:03:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389355	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200886	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166483	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	5.50	113	132951	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	8.71	98	498542	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	11.14	95	178351	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	38104	19.486	ug/l	97
3) Chloromethane	1.32	50	48235	19.527	ug/l	99
4) Vinyl Chloride	1.40	62	48930	19.474	ug/l	96
5) Bromomethane	1.64	94	30952	18.542	ug/l	99
6) Chloroethane	1.72	64	38654	36.924	ug/l	97
7) Trichlorofluoromethane	1.93	101	80913	24.617	ug/l	96
8) Diethyl Ether	2.19	74	32253	23.213	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43245	22.188	ug/l	99
10) Methyl Iodide	2.51	142	40035	16.384	ug/l	99
11) Tert butyl alcohol	3.07	59	71142	109.681	ug/l	99
12) 1,1-Dichloroethene	2.37	96	41951	22.079	ug/l	96
13) Acrolein	2.29	56	38629	99.525	ug/l	98
14) Allyl chloride	2.73	41	76805	19.758	ug/l	100
15) Acrylonitrile	3.15	53	150374	104.961	ug/l	100
16) Acetone	2.45	43	153763	113.643	ug/l	97
17) Carbon Disulfide	2.57	76	104181	20.306	ug/l	98
18) Methyl Acetate	2.78	43	78097	22.508	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	136884	20.842	ug/l	96
20) Methylene Chloride	2.85	84	44108	21.338	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41085	20.667	ug/l	95
22) Diisopropyl ether	3.87	45	176416	21.200	ug/l	91
23) Vinyl Acetate	3.82	43	753788	109.183	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94319	24.058	ug/l	98
25) 2-Butanone	4.70	43	261556	104.147	ug/l	100
26) 2,2-Dichloropropane	4.58	77	58857	18.215	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	54787	19.718	ug/l	98
28) Bromochloromethane	5.02	49	48189	21.090	ug/l	99
29) Tetrahydrofuran	5.15	42	166469	106.257	ug/l	99
30) Chloroform	5.21	83	97994	20.626	ug/l	98
31) Cyclohexane	5.57	56	75173	18.357	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	82475	21.500	ug/l	100
36) 1,1-Dichloropropene	5.80	75	67739	19.124	ug/l	99
37) Ethyl Acetate	4.85	43	93432	20.502	ug/l	100
38) Carbon Tetrachloride	5.79	117	70526	21.183	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70835	17.553	ug/l	94
40) Benzene	6.14	78	210710	20.191	ug/l	98
41) Methacrylonitrile	5.06	41	51206	20.389	ug/l	99
42) 1,2-Dichloroethane	6.20	62	80272	20.574	ug/l	99
43) Isopropyl Acetate	6.46	43	133508	20.286	ug/l	99
44) Trichloroethene	7.21	130	56470	19.469	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57932	20.976	ug/l	96
46) Dibromomethane	7.66	93	38801	20.514	ug/l	99
47) Bromodichloromethane	7.90	83	73134	20.906	ug/l	99
48) Methyl methacrylate	7.77	41	71210	21.334	ug/l	99
49) 1,4-Dioxane	7.75	88	31816	401.773	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	498460	105.647	ug/l	100
52) Toluene	8.79	92	134409	20.823	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	73650	20.176	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	80527	19.955	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	56504	20.212	ug/l	95
56) Ethyl methacrylate	9.18	69	77561	19.661	ug/l	98
57) 1,3-Dichloropropane	9.37	76	93275	20.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	231525	99.455	ug/l	100
59) 2-Hexanone	9.49	43	389628	104.056	ug/l	99
60) Dibromochloromethane	9.59	129	57258	20.891	ug/l	99
61) 1,2-Dibromoethane	9.67	107	60316	20.943	ug/l	100
64) Tetrachloroethene	9.34	164	61691	20.351	ug/l	97
65) Chlorobenzene	10.14	112	150894	19.971	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	53968	20.805	ug/l	100
67) Ethyl Benzene	10.25	91	249336	20.155	ug/l	99
68) m/p-Xylenes	10.36	106	191693	39.793	ug/l	99
69) o-Xylene	10.70	106	91259	19.833	ug/l	99
70) Styrene	10.71	104	155401	20.713	ug/l	100
71) Bromoform	10.86	173	45729	19.694	ug/l #	99
73) Isopropylbenzene	11.02	105	253527	20.858	ug/l	100
74) N-amyl acetate	10.90	43	113289	19.676	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	92382	20.168	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	104286	25.215	ug/l	89
77) Bromobenzene	11.26	156	69001	20.265	ug/l	99
78) n-propylbenzene	11.36	91	286023	20.206	ug/l	100
79) 2-Chlorotoluene	11.42	91	175354	20.477	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	209682	20.461	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23564	19.270	ug/l	99
82) 4-Chlorotoluene	11.51	91	204189	20.432	ug/l	98
83) tert-Butylbenzene	11.77	119	203186	20.310	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	221950	21.232	ug/l	100
85) sec-Butylbenzene	11.94	105	247595	20.233	ug/l	99
86) p-Isopropyltoluene	12.07	119	218734	20.048	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	124930	19.899	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129343	19.874	ug/l	99
89) n-Butylbenzene	12.39	91	185322	18.761	ug/l	98
90) Hexachloroethane	12.60	117	36342	20.873	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	127258	19.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21933	20.635	ug/l	97

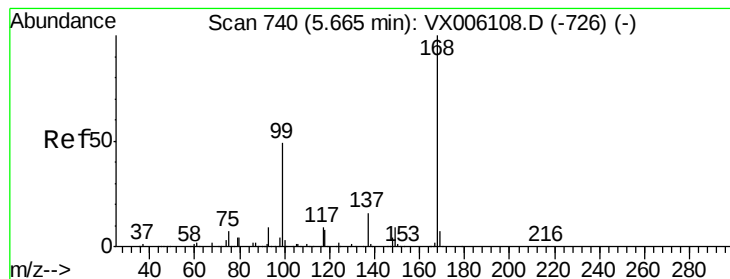
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88602	19.595	ug/l	98
94) Hexachlorobutadiene	13.79	225	41796	18.967	ug/l	99
95) Naphthalene	13.83	128	277246	20.852	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91605	19.872	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

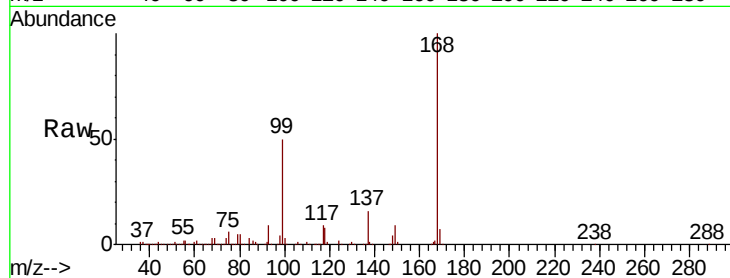
VX1126WBS02

Tot Ion:168 Resp: 263138

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

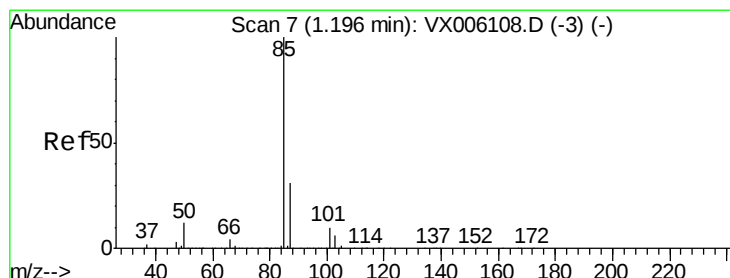
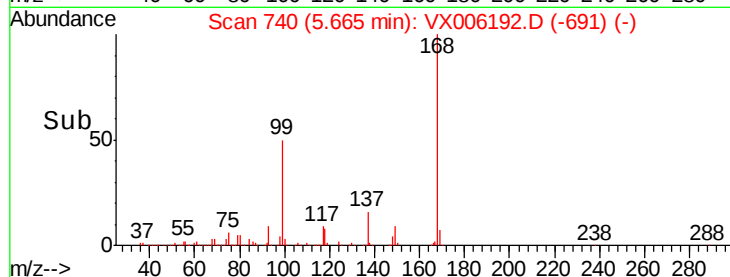
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.486 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006192.D

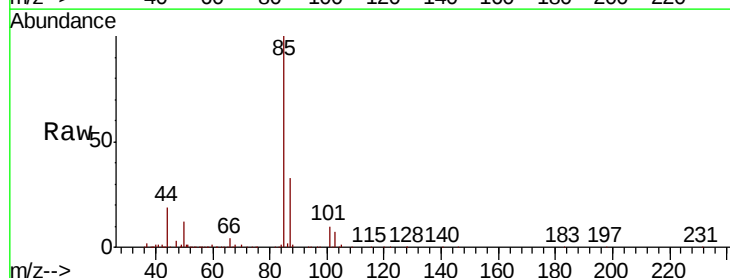
Acq: 26 Nov 2018 23:37

Tgt Ion: 85 Resp: 38104

Ion Ratio Lower Upper

85 100

87 32.9 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

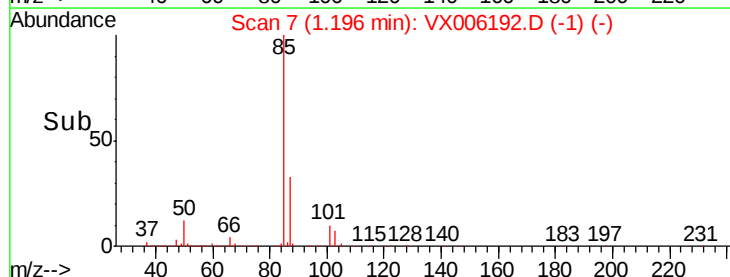
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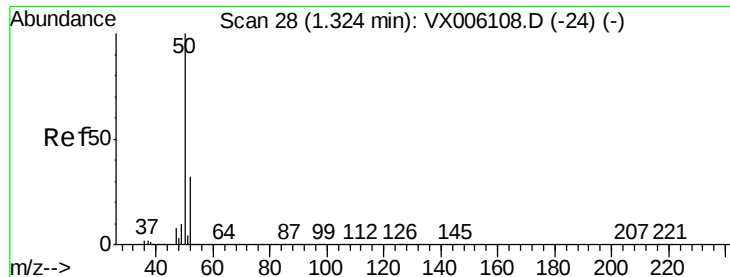
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.527 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

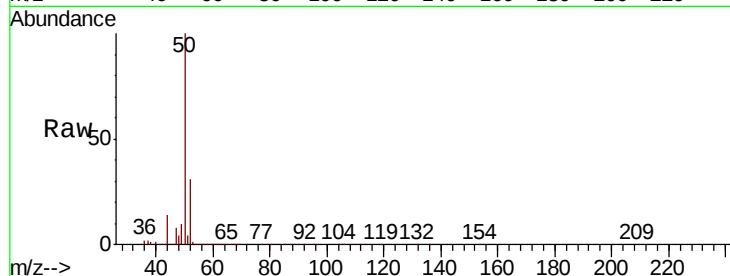
VX1126WBS02

Tot Ion: 50 Resp: 48235

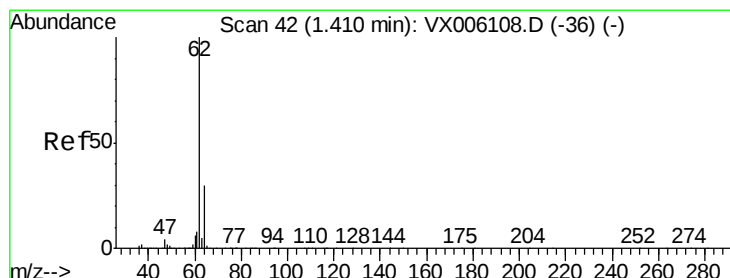
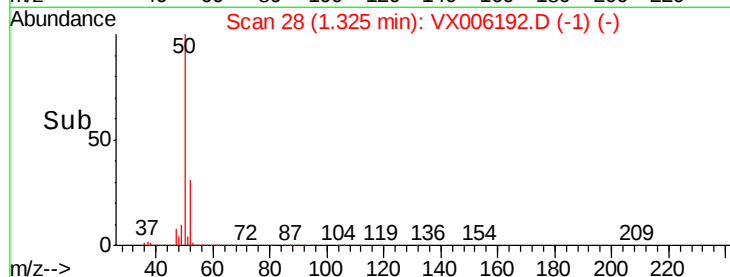
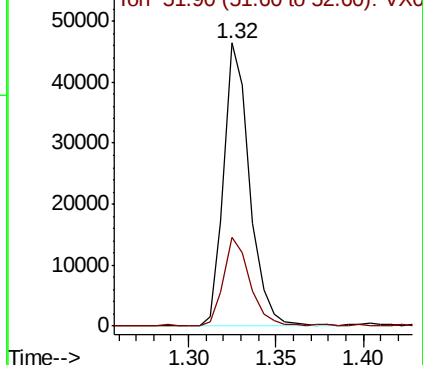
Ion Ratio Lower Upper

50 100

52 31.3 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX006108.D (-24) (-)



#4

Vinyl Chloride

Concen: 19.474 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX006192.D

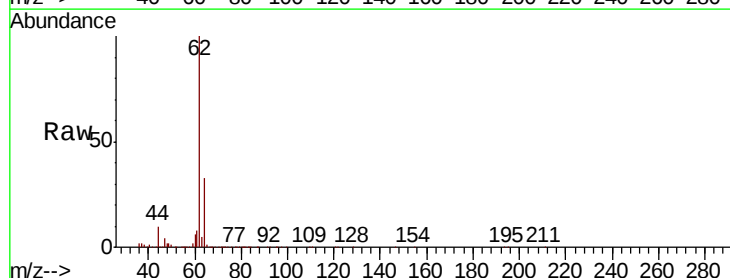
Acq: 26 Nov 2018 23:37

Tgt Ion: 62 Resp: 48930

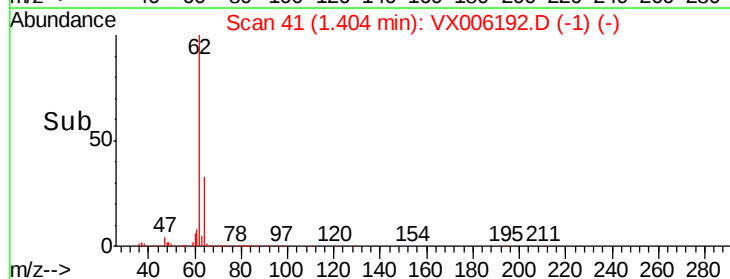
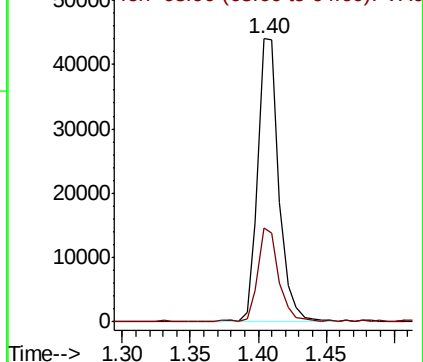
Ion Ratio Lower Upper

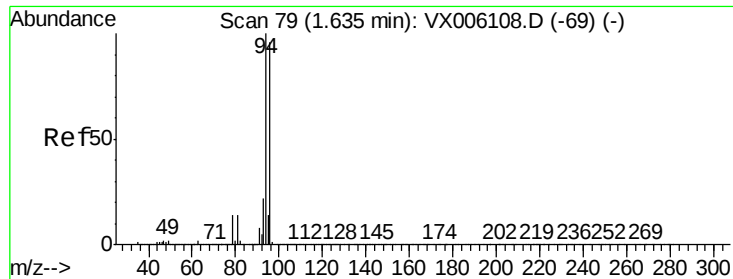
62 100

64 32.7 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX006108.D (-36) (-)

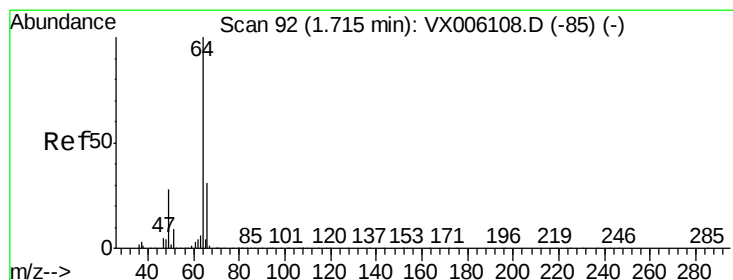
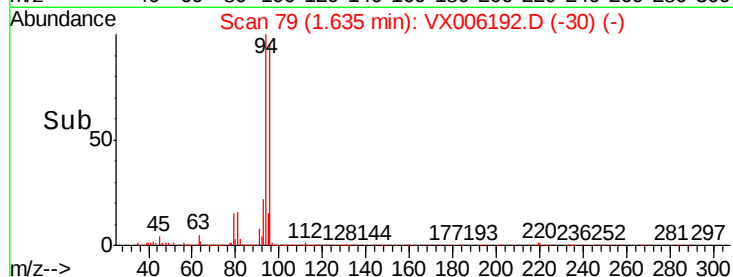
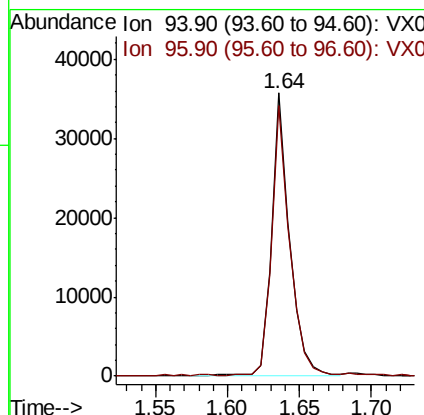
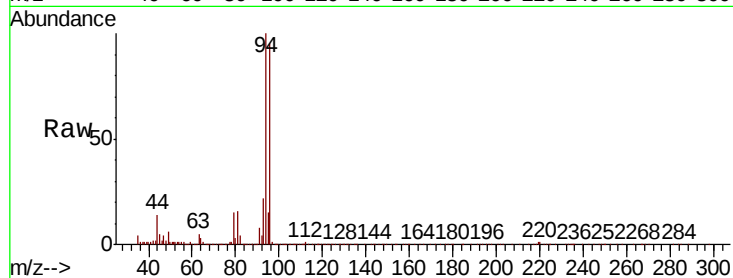




#5
Bromomethane
Concen: 18.542 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

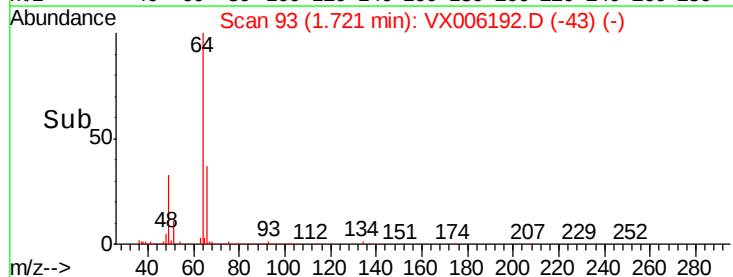
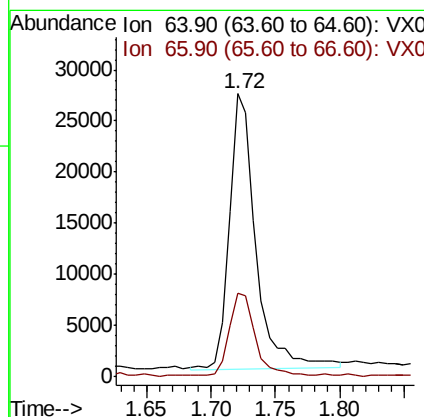
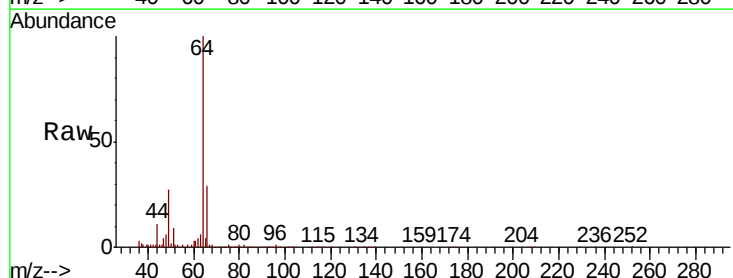
Instrument :
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ClientSampleId :
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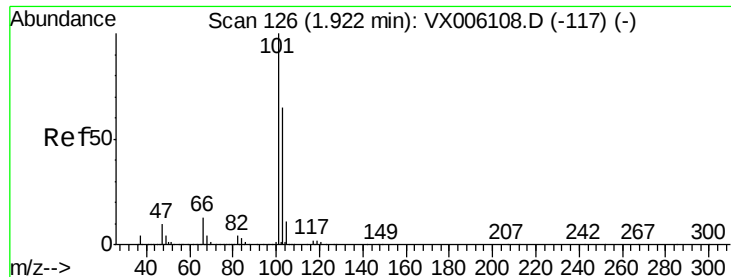
Tot Ion: 94 Resp: 30952
Ion Ratio Lower Upper
94 100
96 95.3 76.7 115.1



#6
Chloroethane
Concen: 36.924 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion: 64 Resp: 38654
Ion Ratio Lower Upper
64 100
66 30.0 25.1 37.7



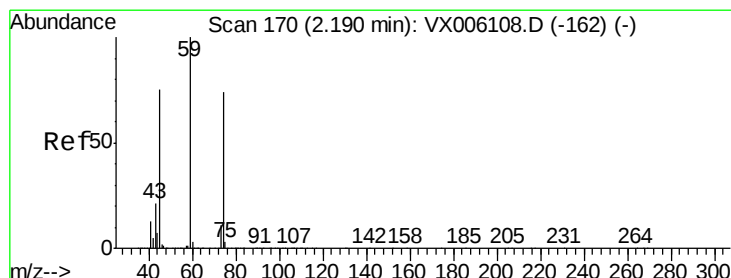
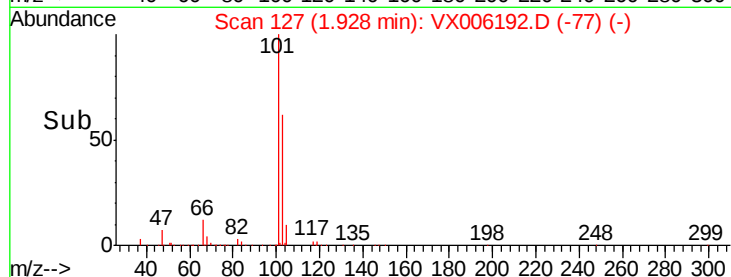
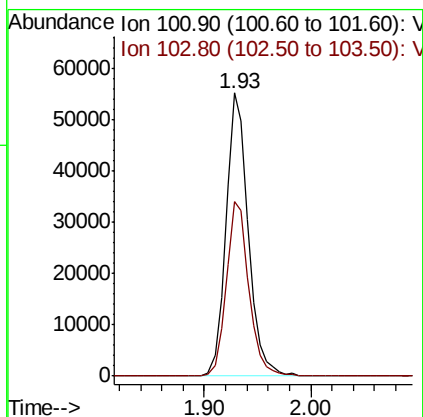
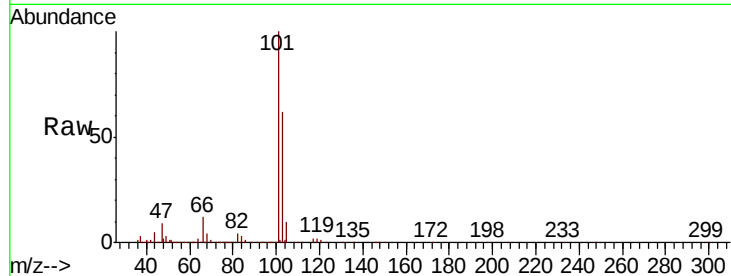


#7

Trichlorofluoromethane
Concen: 24.617 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

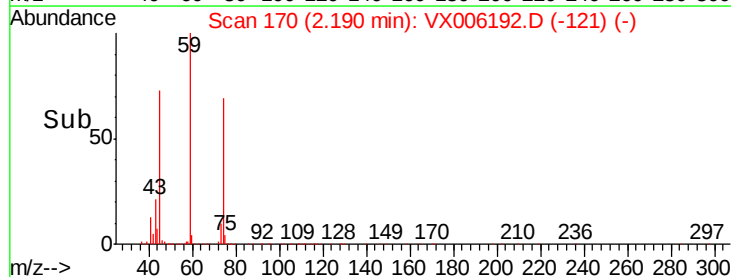
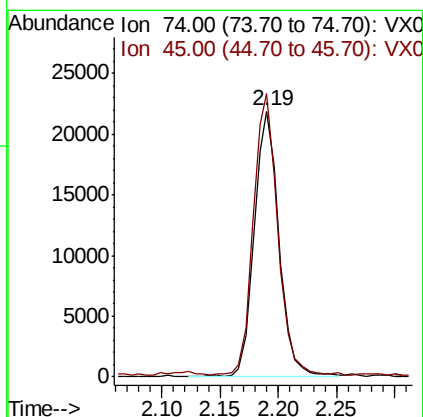
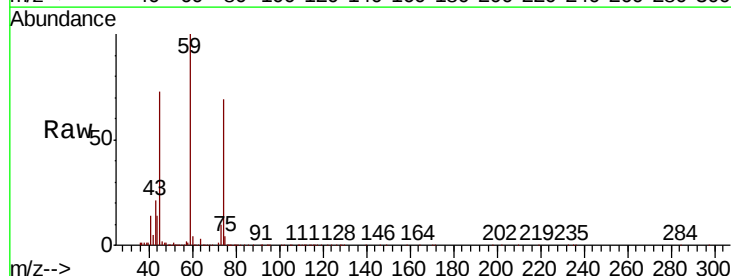
Tot Ion:101 Resp: 80913
Ion Ratio Lower Upper
101 100
103 61.6 52.1 78.1

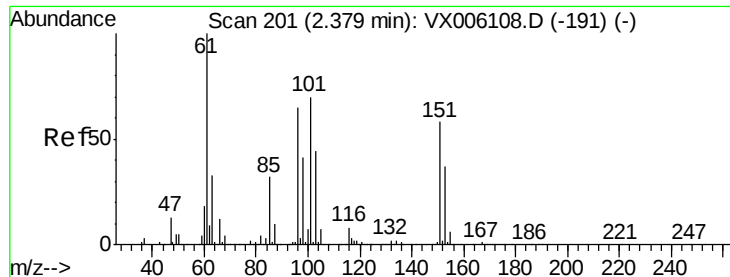


#8

Diethyl Ether
Concen: 23.213 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion: 74 Resp: 32253
Ion Ratio Lower Upper
74 100
45 104.4 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.188 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

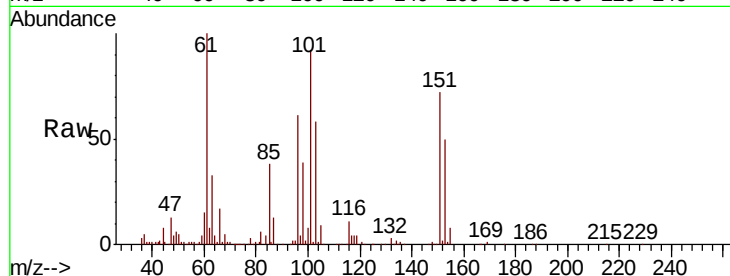
Tot Ion:101 Resp: 43245

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

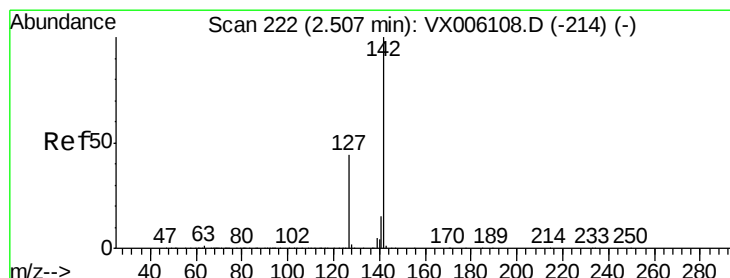
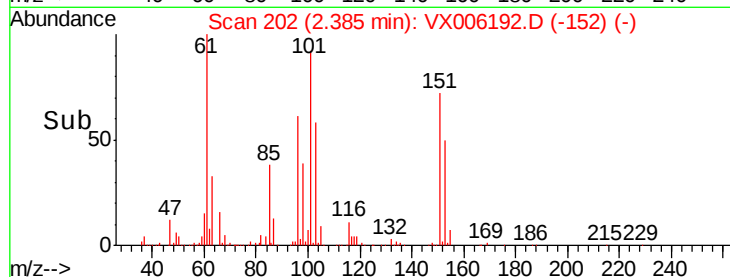
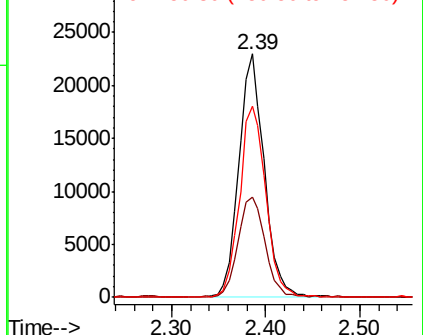
151 81.2 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.384 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

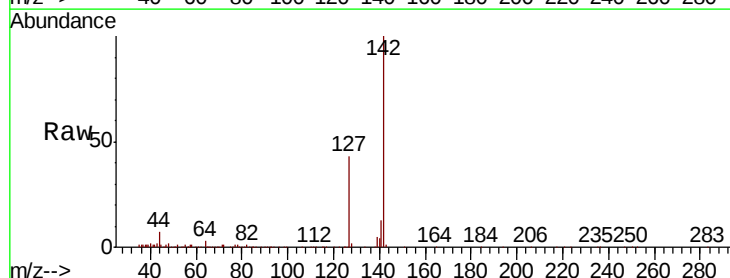
Tgt Ion:142 Resp: 40035

Ion Ratio Lower Upper

142 100

127 45.3 36.0 54.0

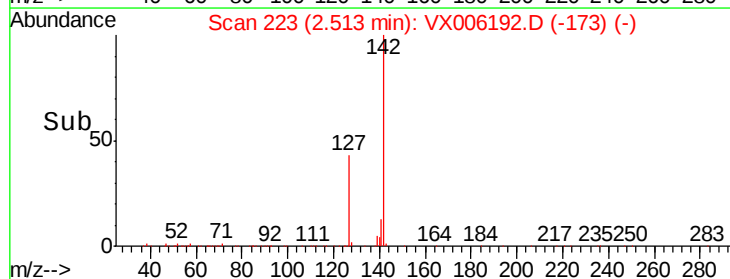
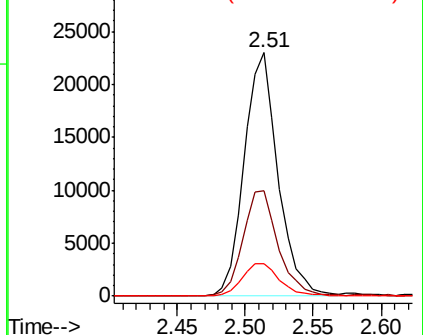
141 15.0 11.7 17.5

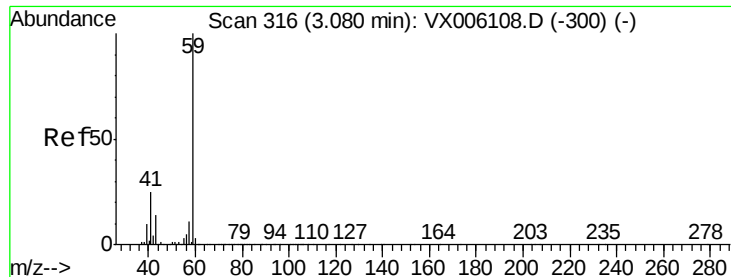


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



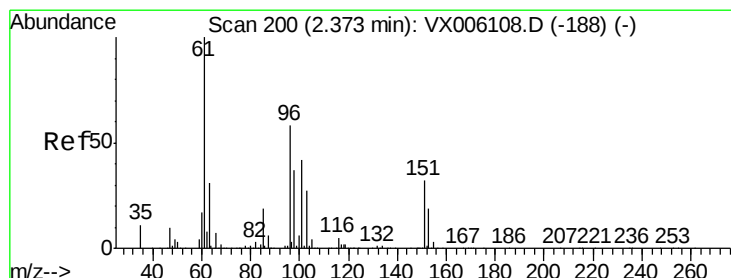
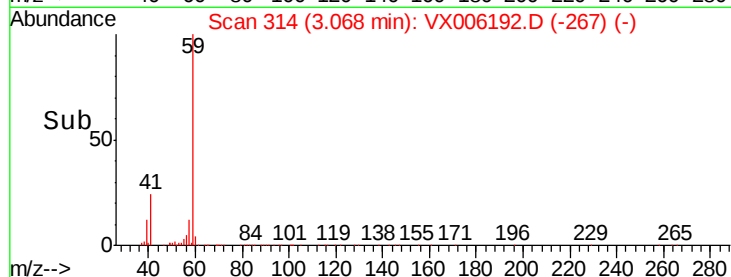
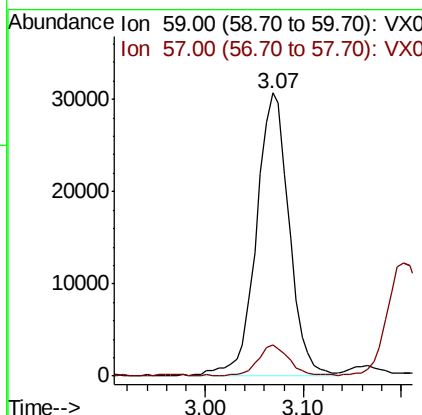
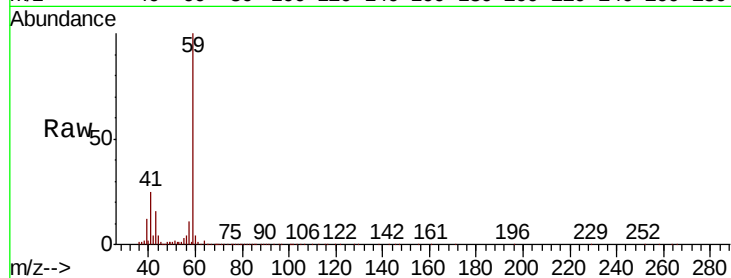


#11

Tert butyl alcohol
Concen: 109.681 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

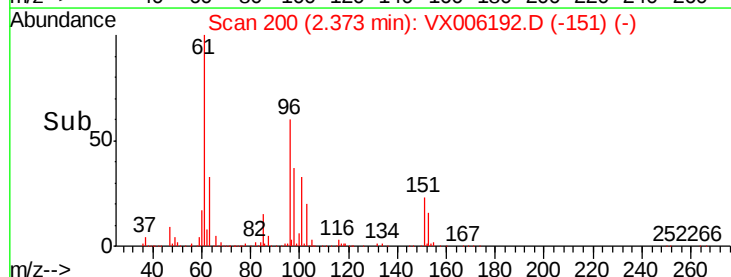
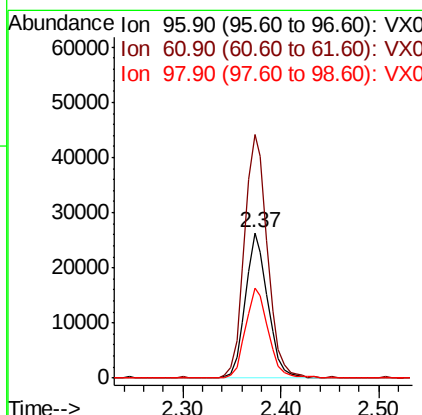
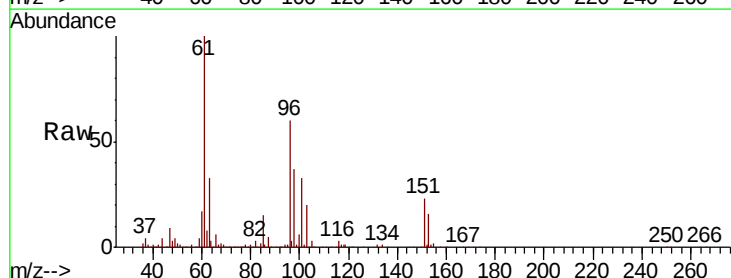
Tot Ion: 59 Resp: 71142
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

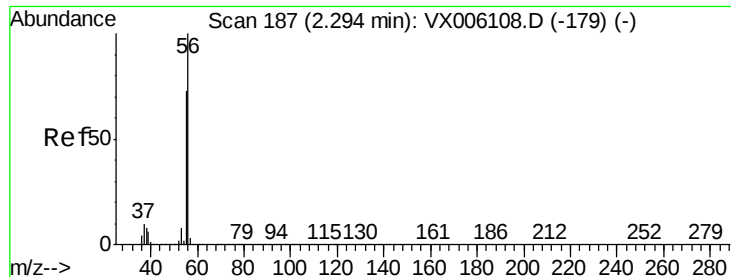


#12

1,1-Dichloroethene
Concen: 22.079 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion: 96 Resp: 41951
Ion Ratio Lower Upper
96 100
61 167.1 138.2 207.4
98 62.3 51.3 76.9





#13

Acrolein

Concen: 99.525 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

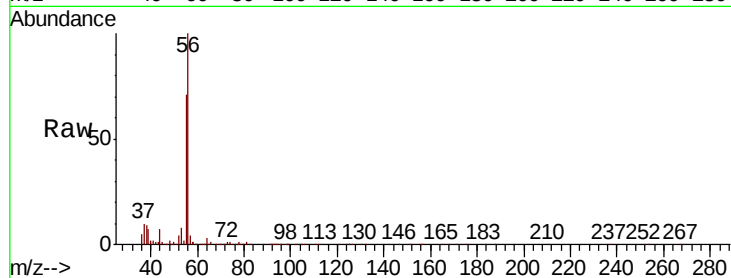
VX1126WBS02

Tot Ion: 56 Resp: 38629

Ion Ratio Lower Upper

56 100

55 73.5 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

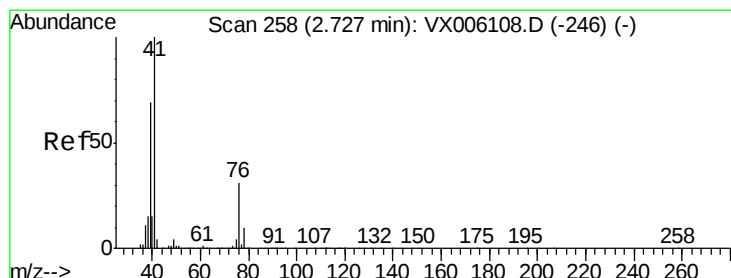
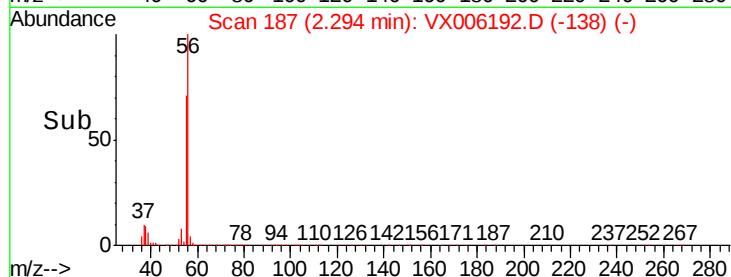
5000

0

2.29

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 19.758 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

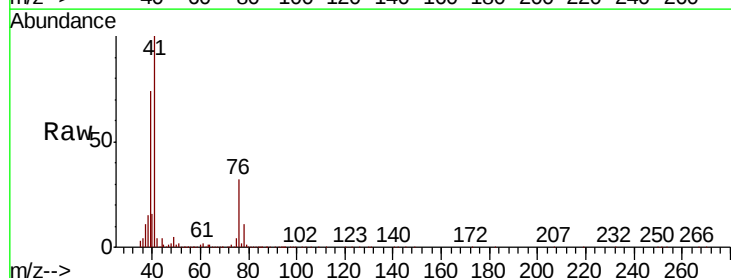
Tgt Ion: 41 Resp: 76805

Ion Ratio Lower Upper

41 100

39 65.9 52.5 78.7

76 29.2 23.4 35.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

40000

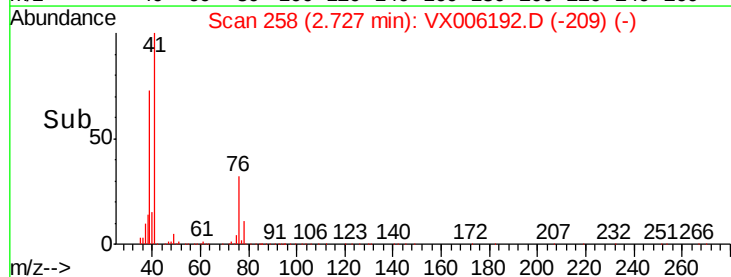
20000

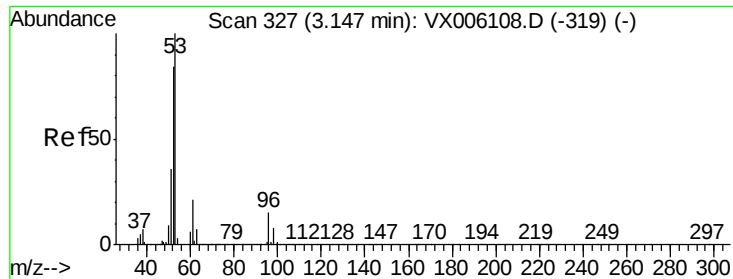
0

2.73

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 104.961 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

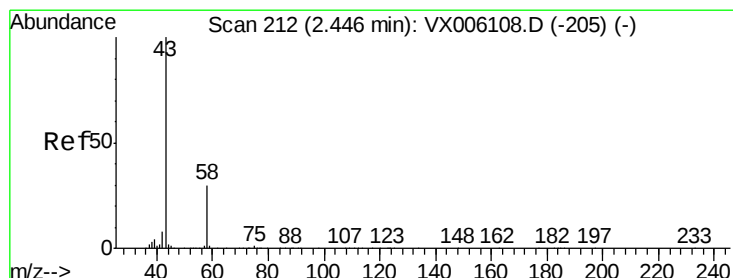
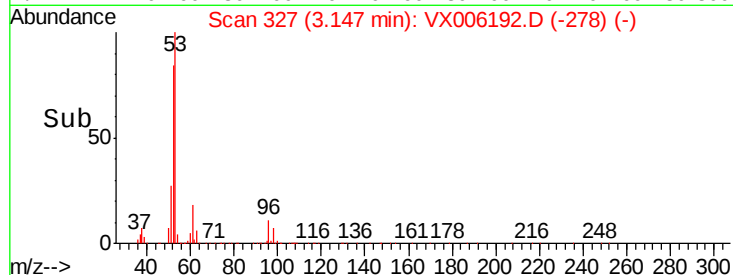
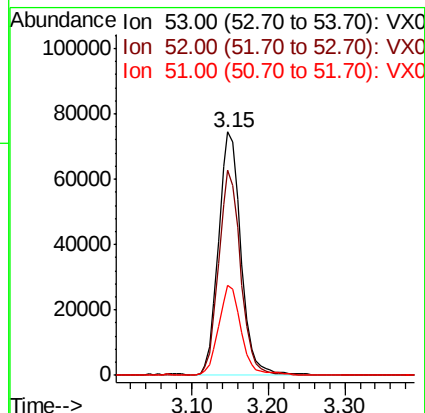
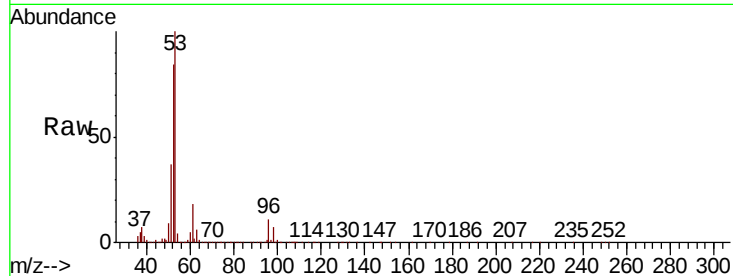
Tot Ion: 53 Resp: 150374

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

51 36.9 29.4 44.0



#16

Acetone

Concen: 113.643 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006192.D

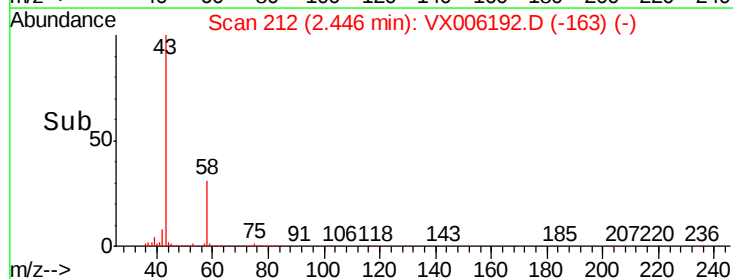
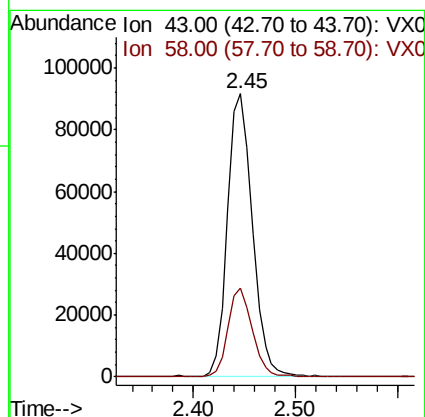
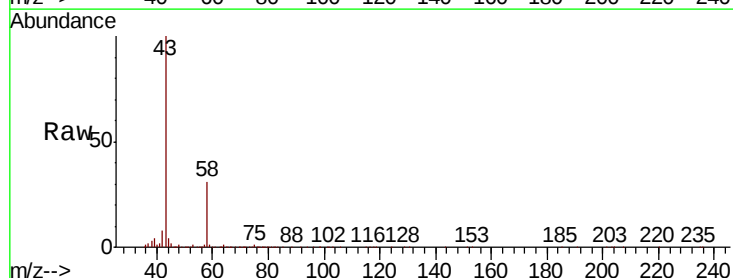
Acq: 26 Nov 2018 23:37

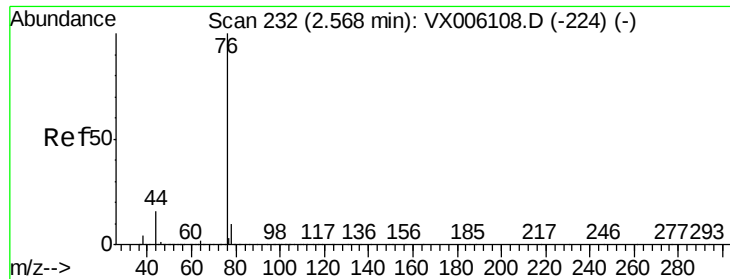
Tgt Ion: 43 Resp: 153763

Ion Ratio Lower Upper

43 100

58 31.4 23.8 35.8

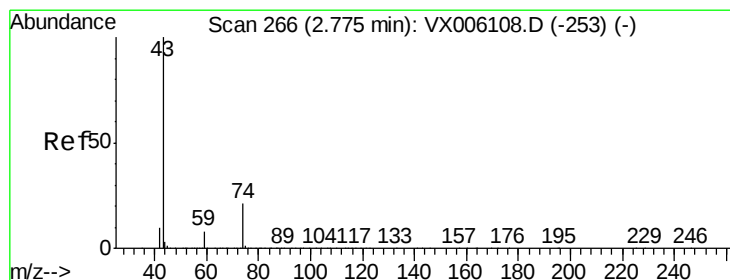
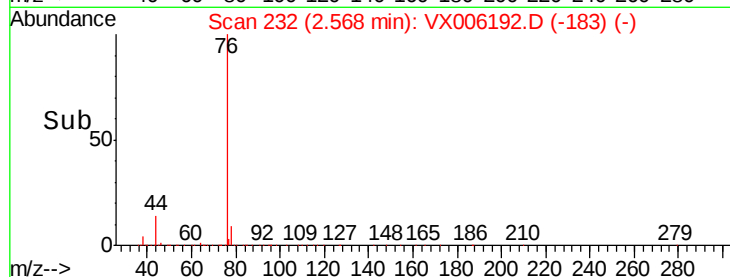
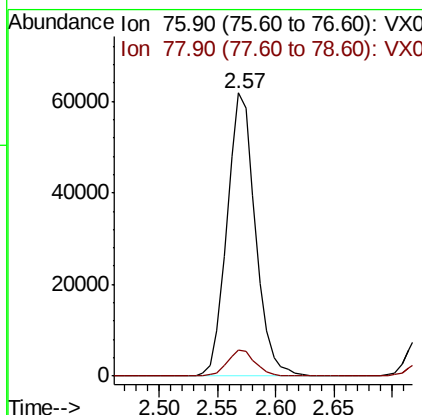
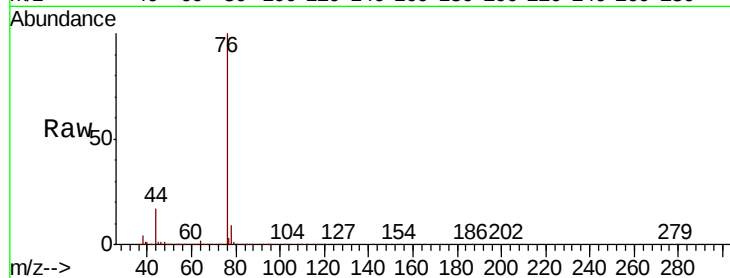




#17
Carbon Disulfide
Concen: 20.306 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

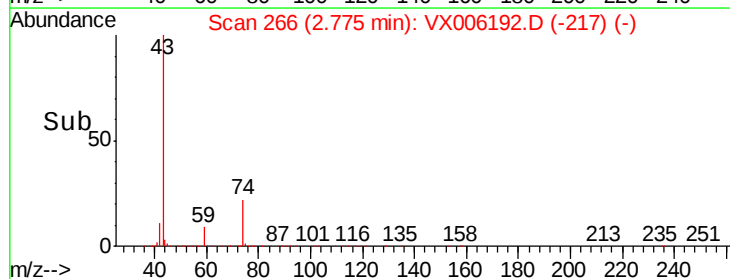
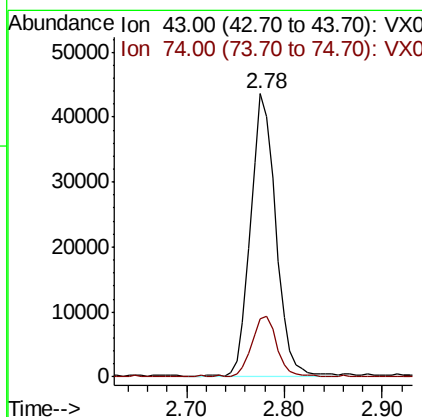
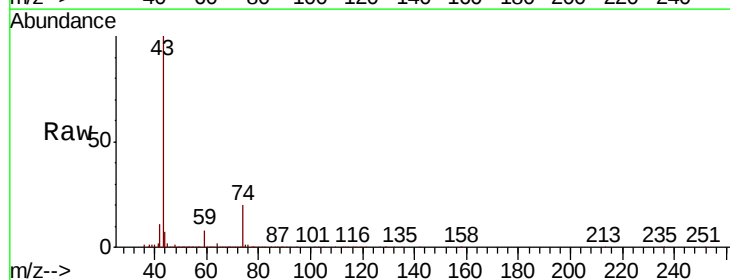
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

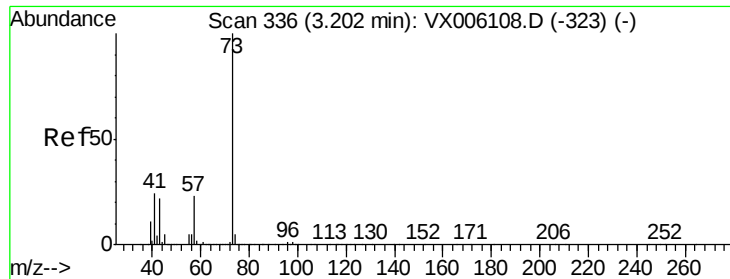
Tot Ion: 76 Resp: 104181
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5



#18
Methyl Acetate
Concen: 22.508 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion: 43 Resp: 78097
Ion Ratio Lower Upper
43 100
74 21.2 17.3 25.9



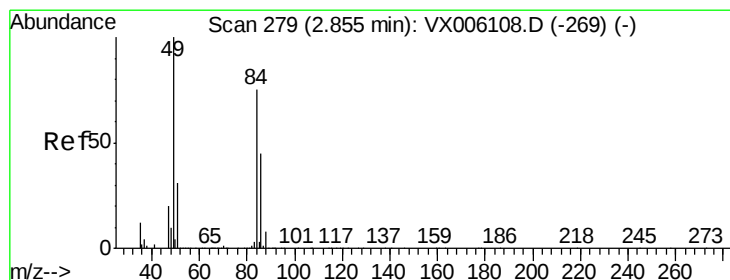
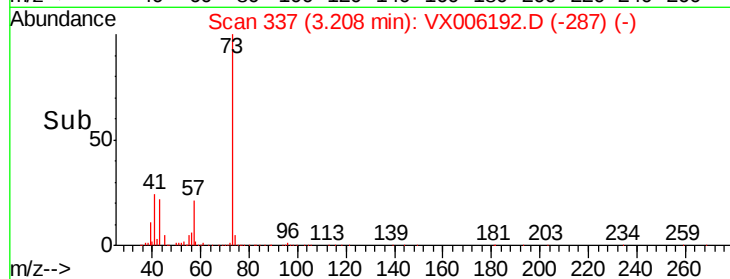
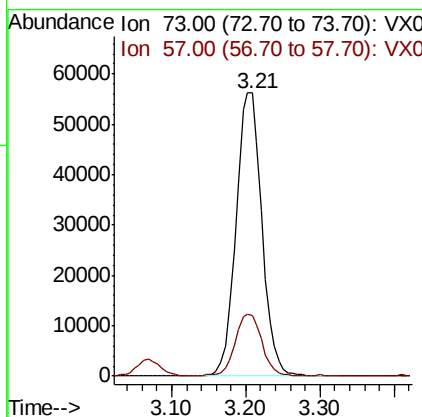
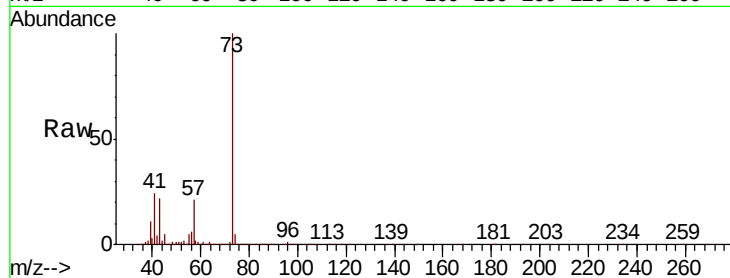


#19

Methyl tert-butyl Ether
 Concen: 20.842 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

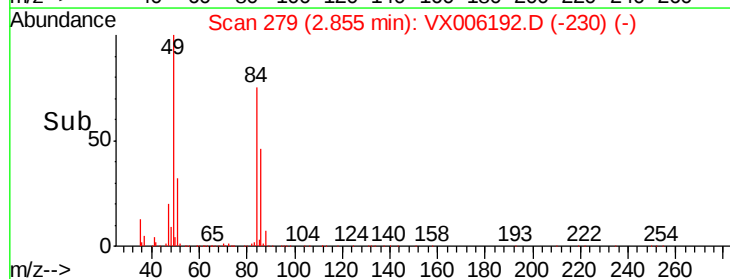
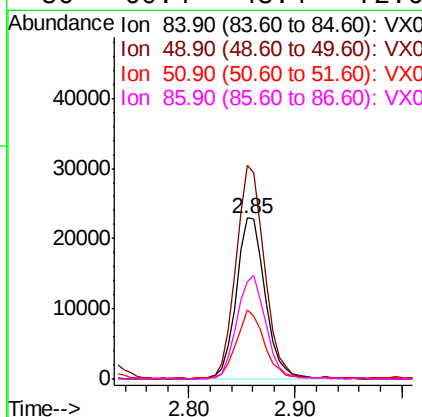
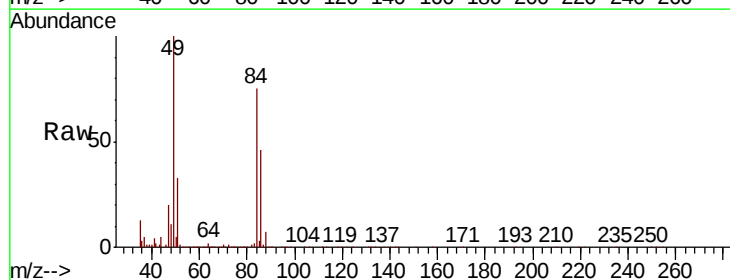
Tot Ion: 73 Resp: 136884
 Ion Ratio Lower Upper
 73 100
 57 21.1 18.2 27.4

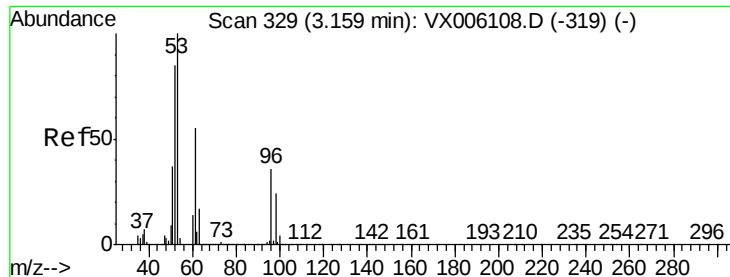


#20

Methylene Chloride
 Concen: 21.338 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion: 84 Resp: 44108
 Ion Ratio Lower Upper
 84 100
 49 132.1 106.6 159.8
 51 42.9 32.6 49.0
 86 60.4 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 20.667 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

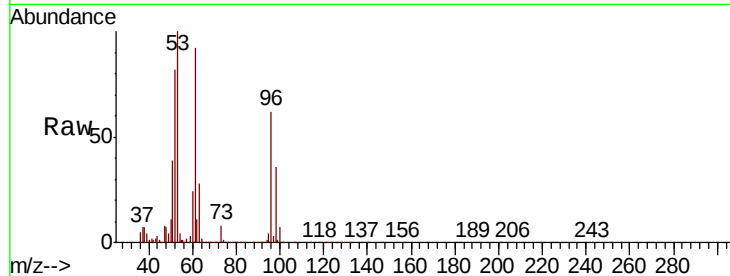
Tot Ion: 96 Resp: 41085

Ion Ratio Lower Upper

96 100

61 147.9 122.0 183.0

98 58.9 52.7 79.1

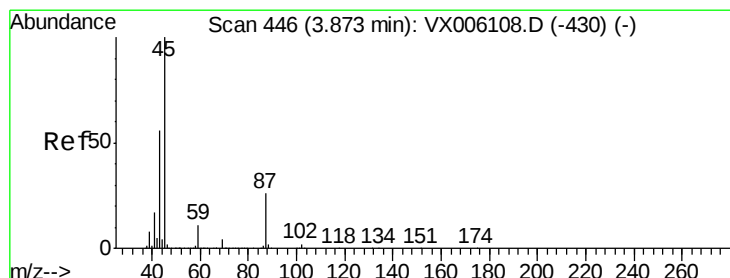
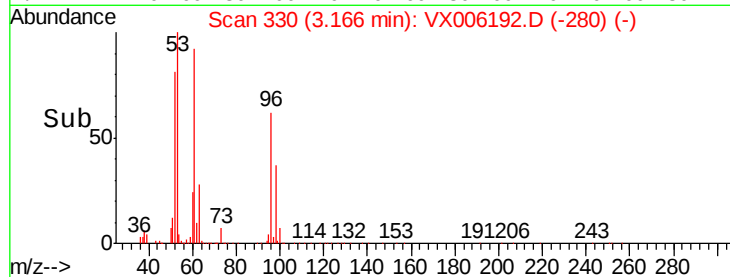
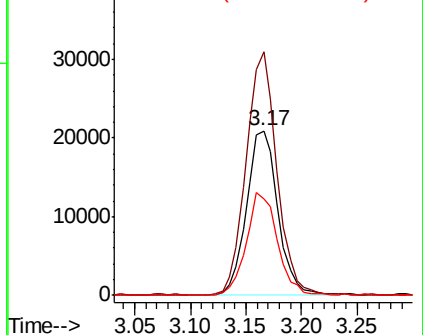


Abundance

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: 21.200 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion: 45 Resp: 176416

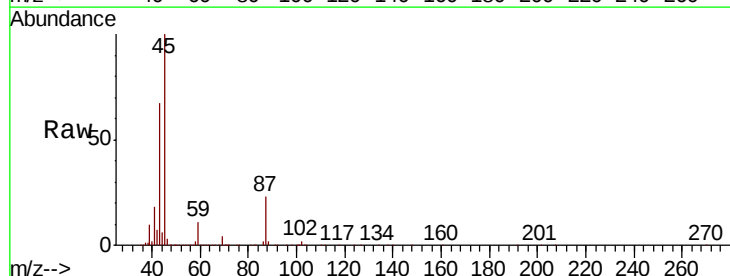
Ion Ratio Lower Upper

45 100

43 66.4 45.8 68.8

87 23.1 21.0 31.4

59 11.2 8.6 12.8



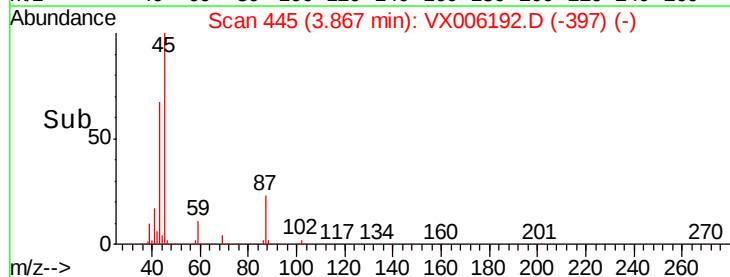
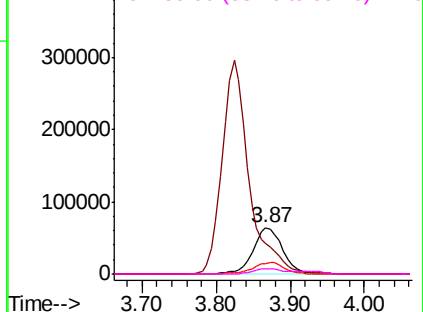
Abundance

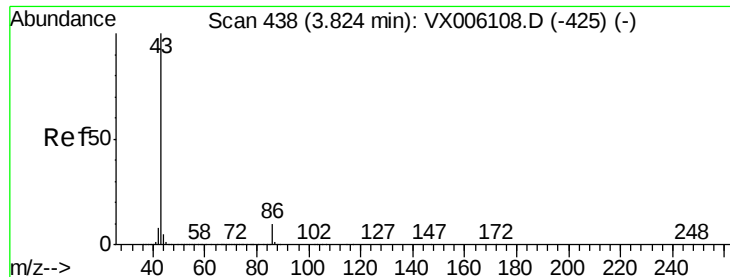
Ion 45.00 (44.70 to 45.70): VX0

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

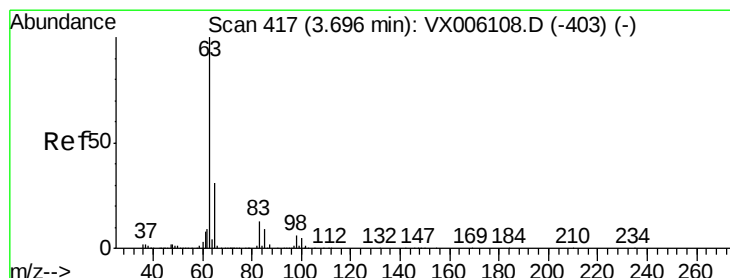
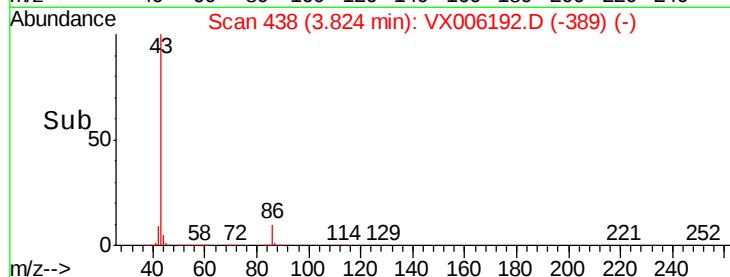
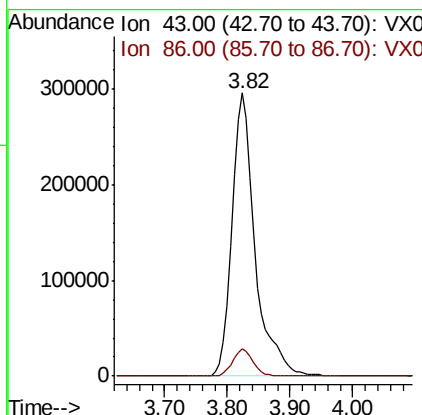
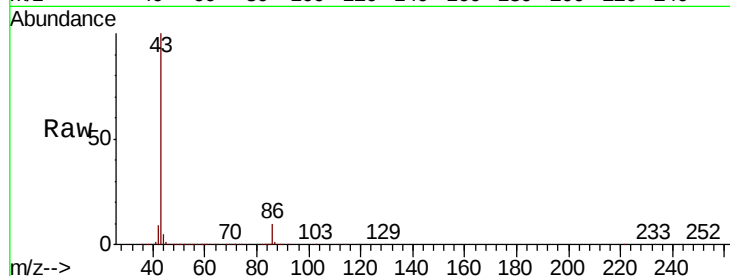




#23
 Vinyl Acetate
 Concen: 109.183 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

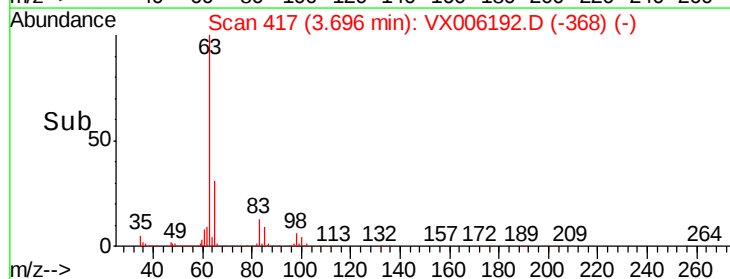
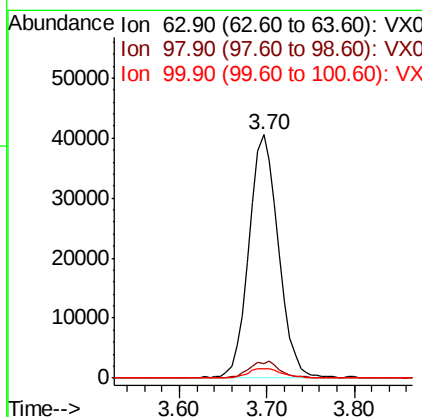
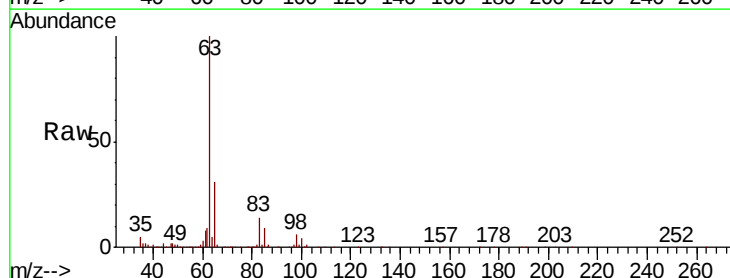
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

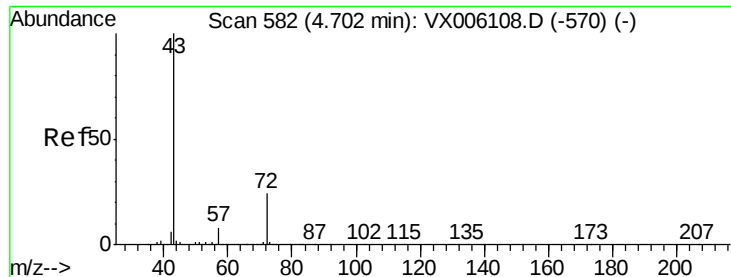
Tot Ion: 43 Resp: 753788
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 24.058 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion: 63 Resp: 94319
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 3.8 2.4 7.1





#25

2-Butanone

Concen: 104.147 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

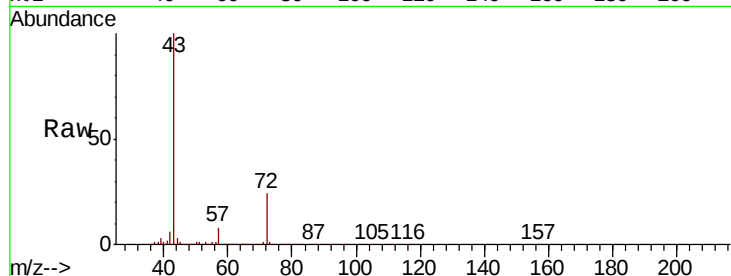
VX1126WBS02

Tot Ion: 43 Resp: 261556

Ion Ratio Lower Upper

43 100

72 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

40000

20000

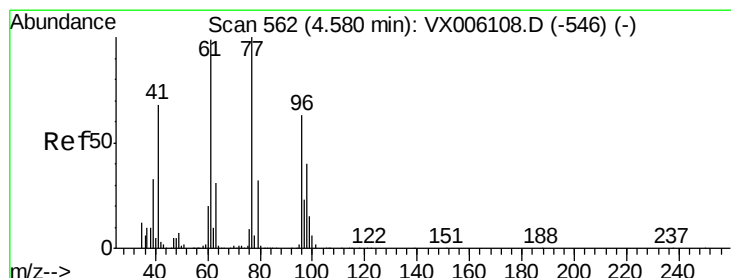
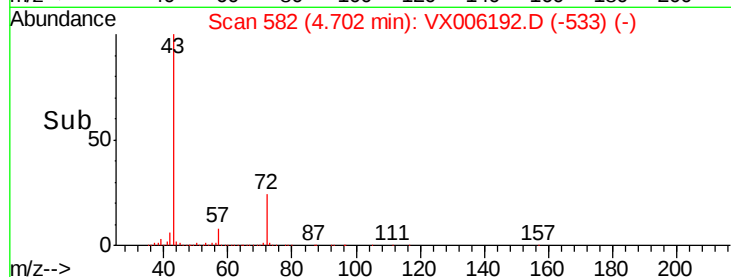
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.215 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006192.D

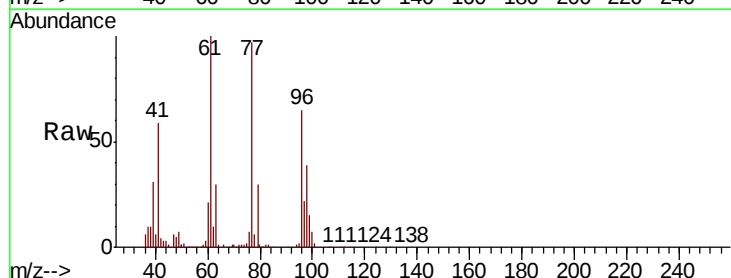
Acq: 26 Nov 2018 23:37

Tgt Ion: 77 Resp: 58857

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

10000

5000

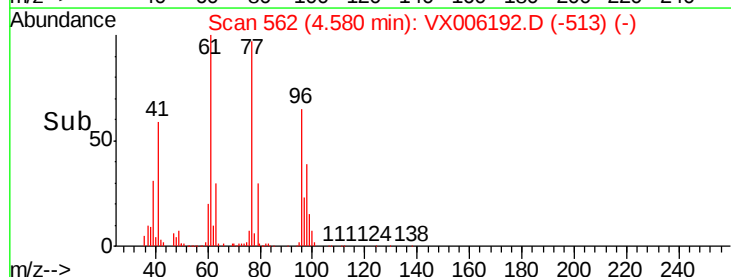
0

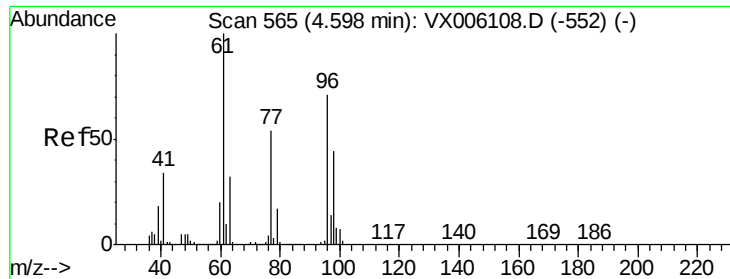
4.50

4.60

4.70

Time-->



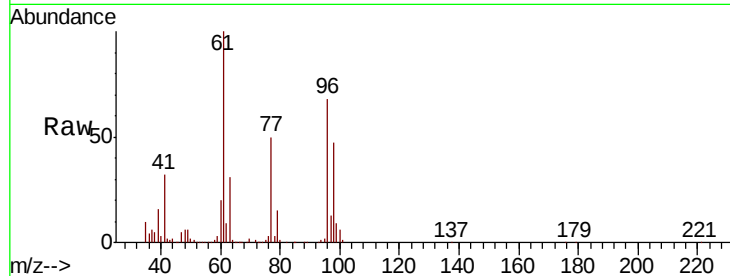


#27

cis-1,2-Dichloroethene
Concen: 19.718 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	96	Resp	54787
Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	291.6
98	64.9	0.0	128.2

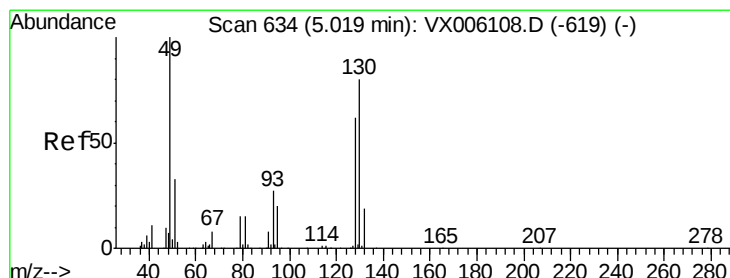
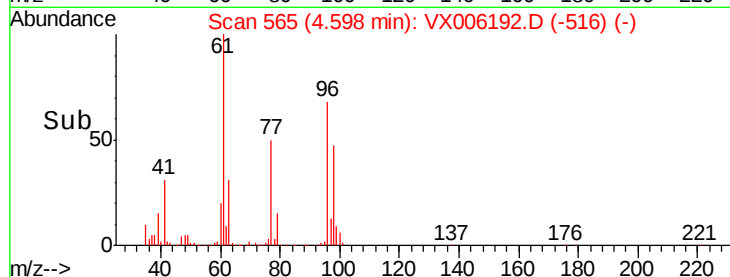
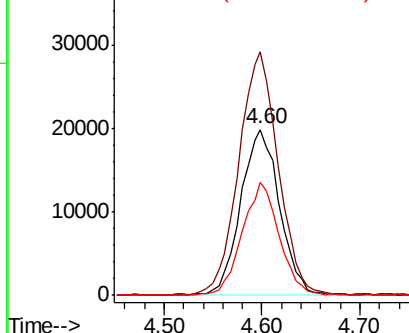


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

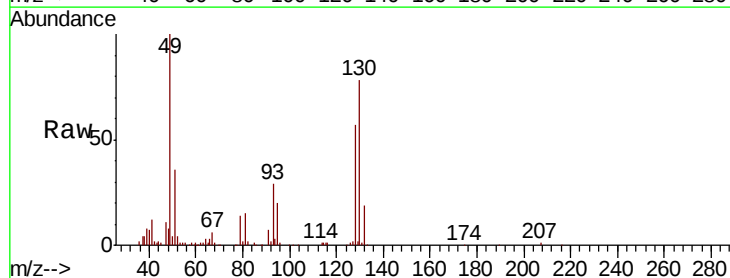
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 21.090 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion	49	Resp	48189
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	77.5	61.6	92.4

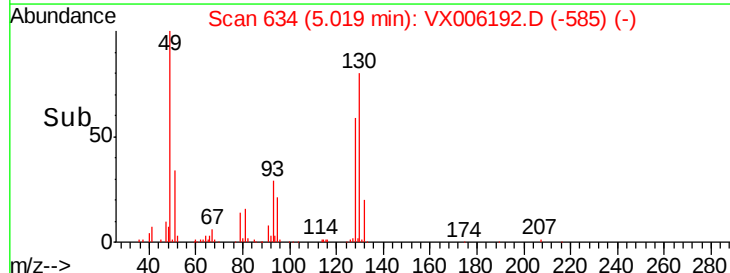
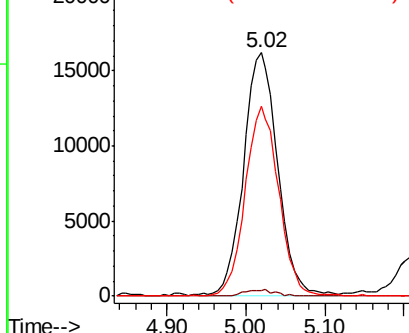


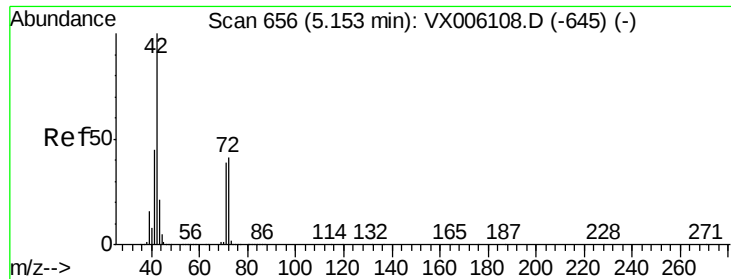
Abundance

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: 106.257 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX1126WBS02

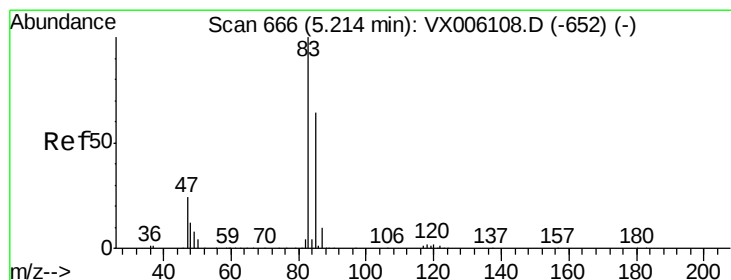
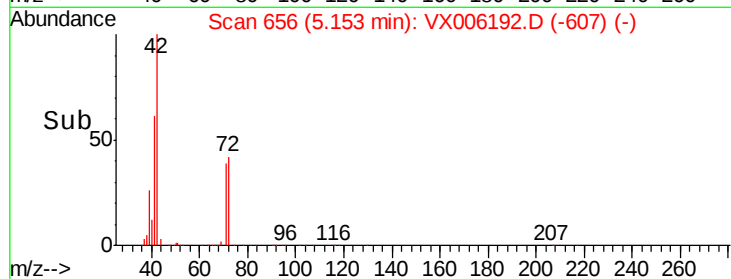
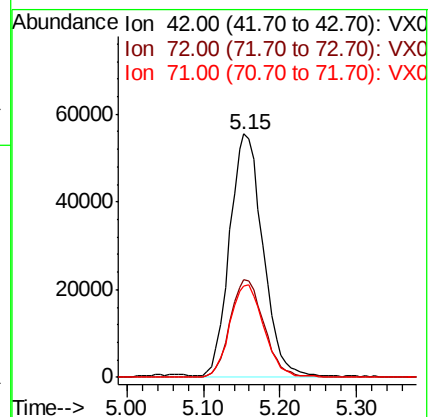
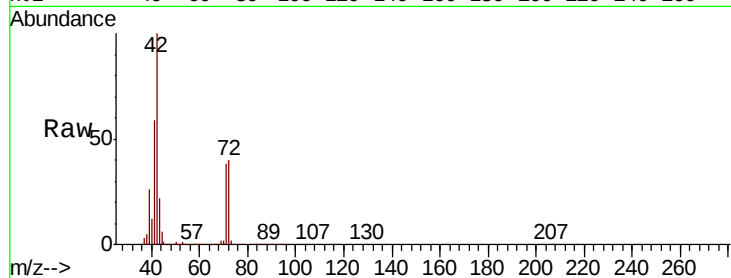
Tot Ion: 42 Resp: 166469

Ion Ratio Lower Upper

42 100

72 41.4 33.0 49.6

71 39.4 31.0 46.4



#30

Chloroform

Concen: 20.626 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006192.D

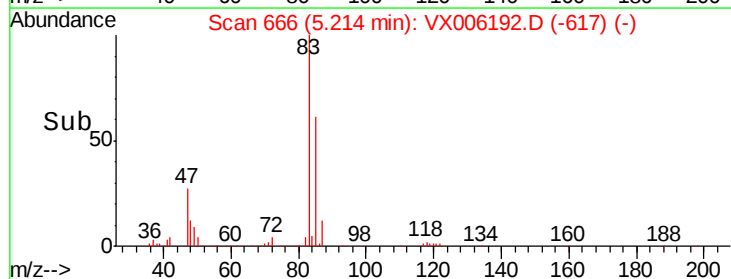
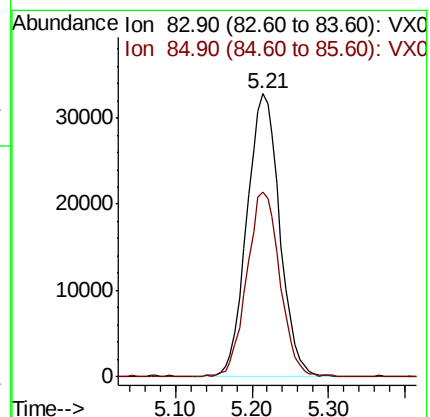
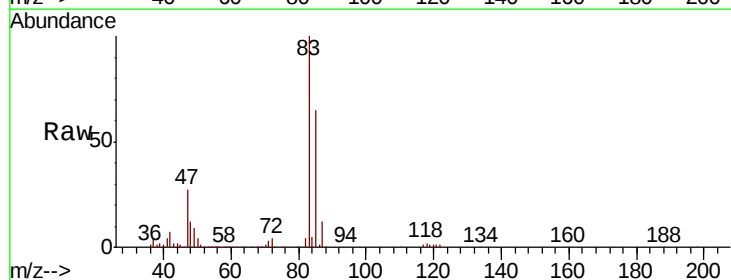
Acq: 26 Nov 2018 23:37

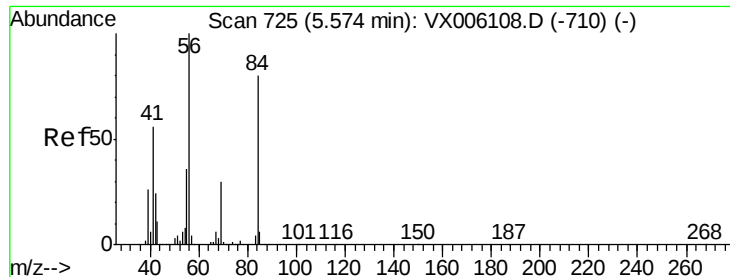
Tgt Ion: 83 Resp: 97994

Ion Ratio Lower Upper

83 100

85 65.5 51.0 76.4





#31

Cyclohexane

Concen: 18.357 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

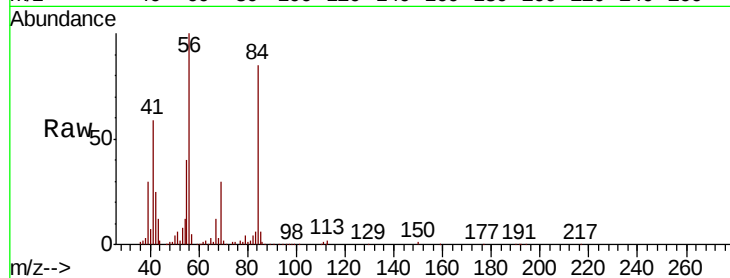
Tot Ion: 56 Resp: 75173

Ion Ratio Lower Upper

56 100

69 29.1 23.9 35.9

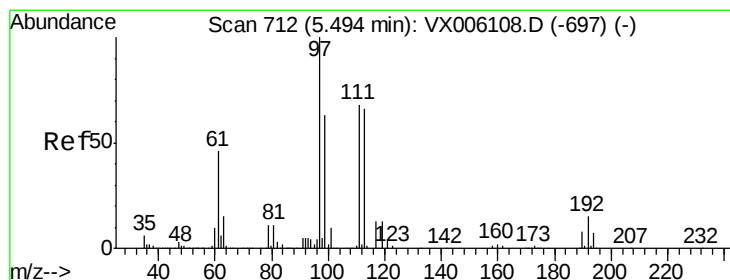
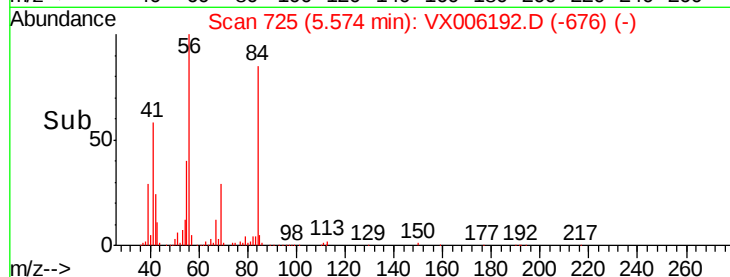
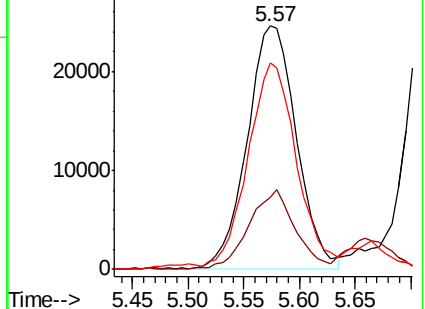
84 83.3 63.6 95.4



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: 21.500 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

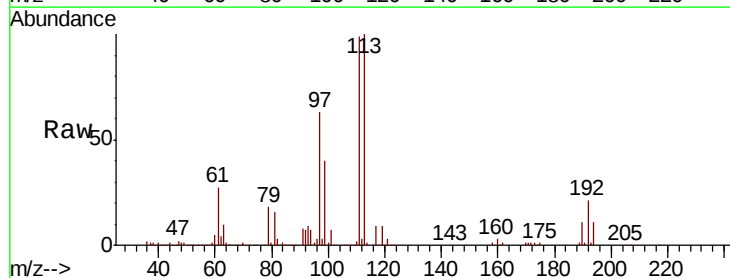
Tgt Ion: 97 Resp: 82475

Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

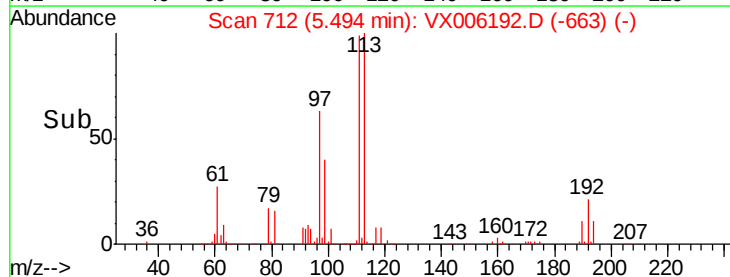
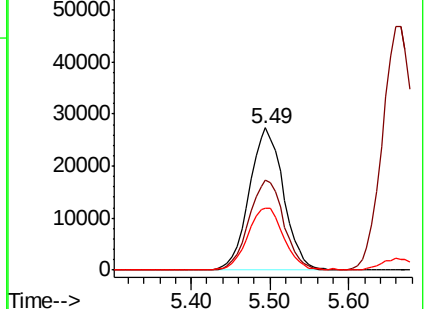
61 45.8 36.6 55.0

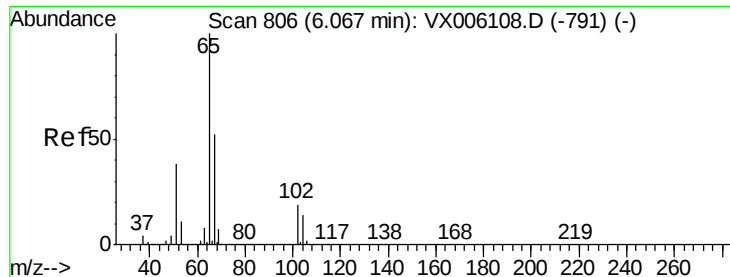


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

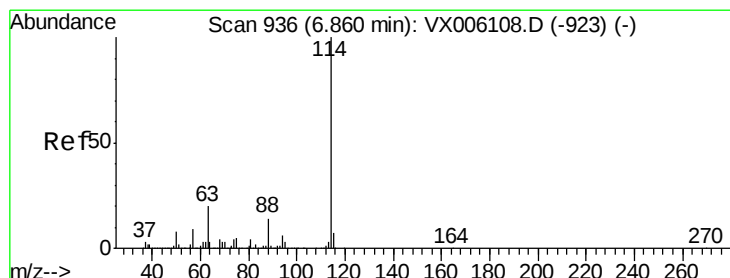
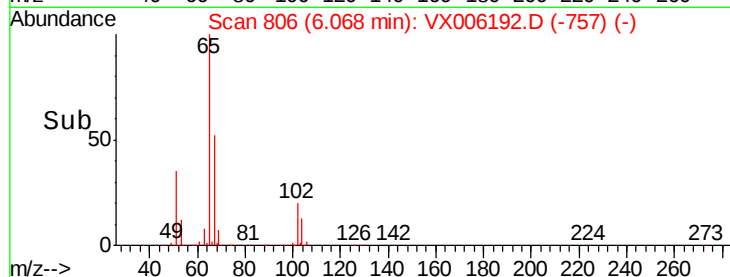
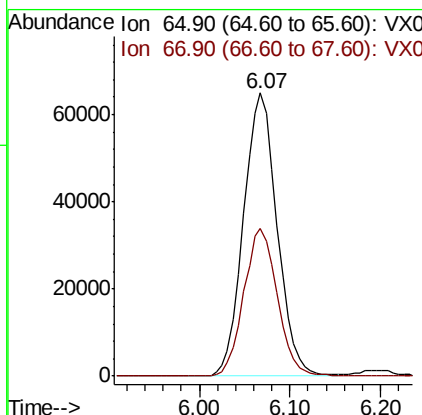
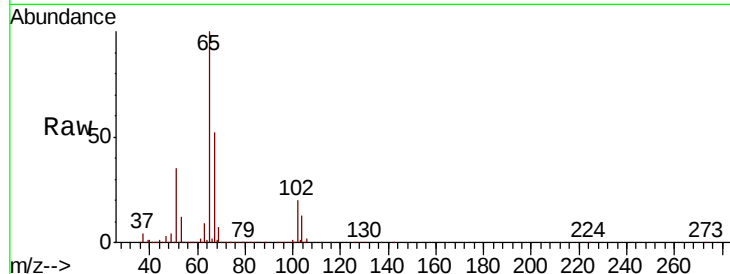




#33
 1,2-Dichloroethane-d4
 Concen: 54.601 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

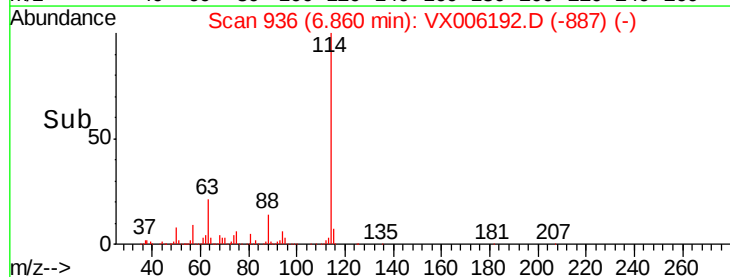
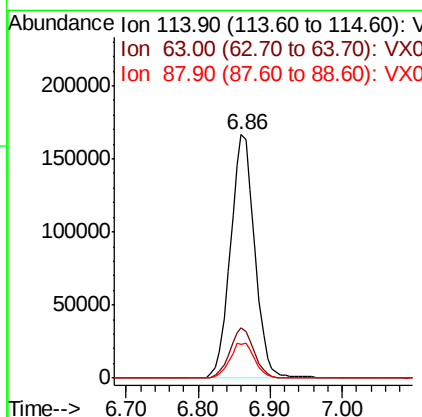
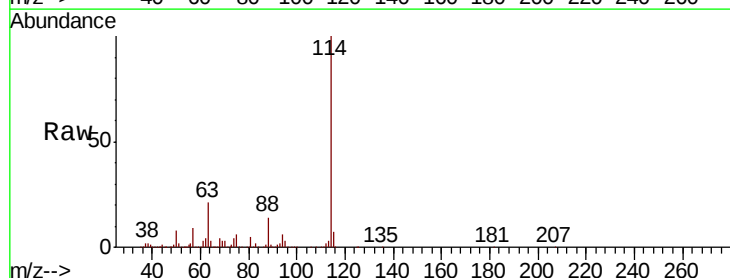
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

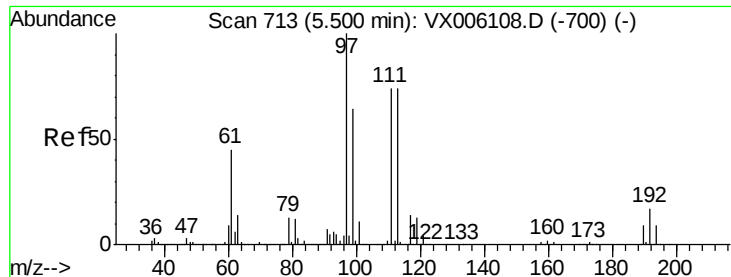
Tot Ion: 65 Resp: 166483
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion: 114 Resp: 389355
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 14.0 0.0 28.6

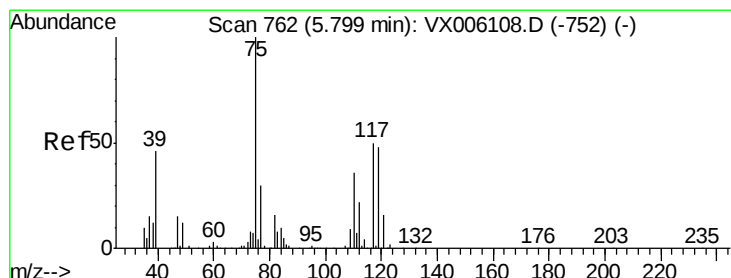
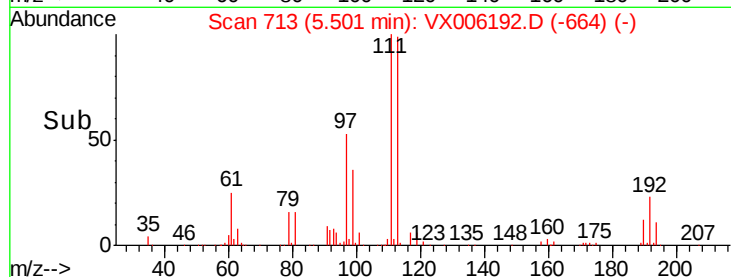
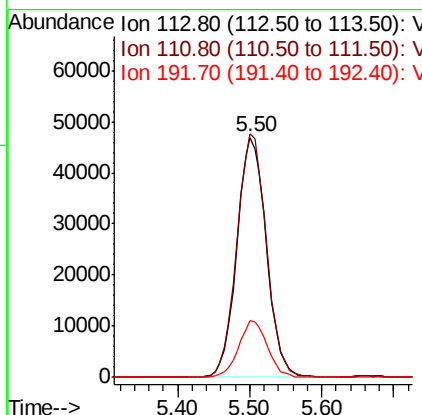
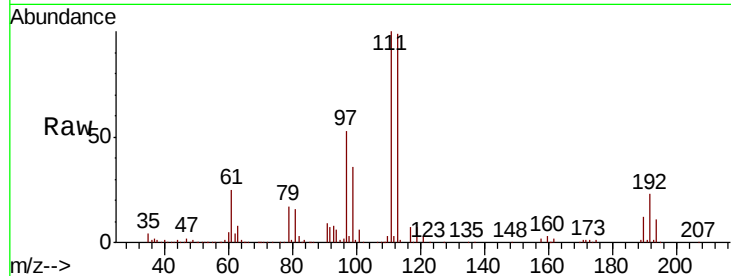




#35
 Dibromofluoromethane
 Concen: 53.194 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

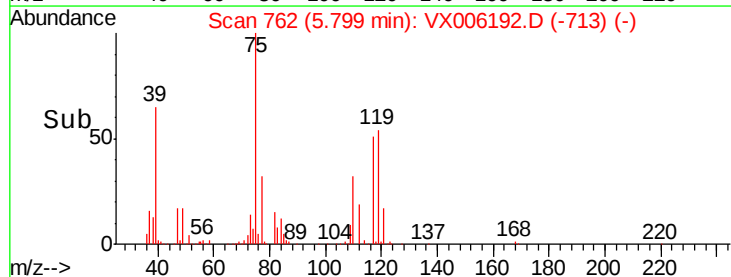
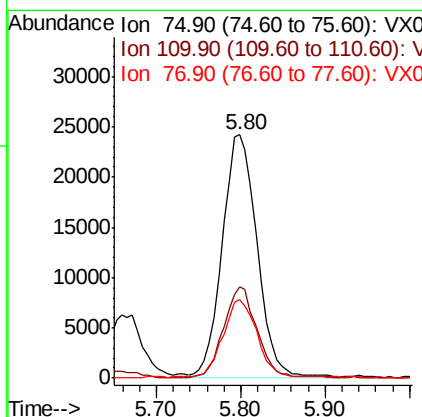
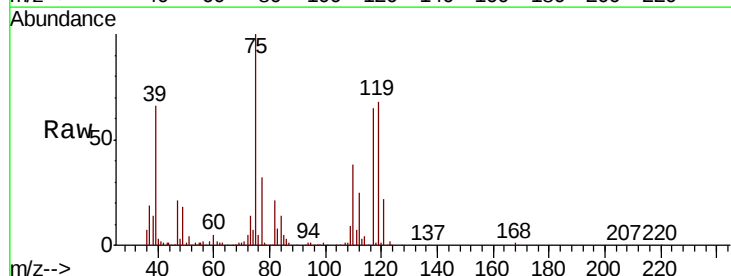
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

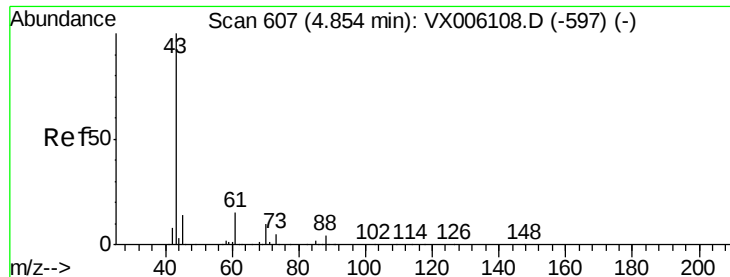
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	23.1	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 19.124 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.8	53.3
77	30.6	24.5	36.7

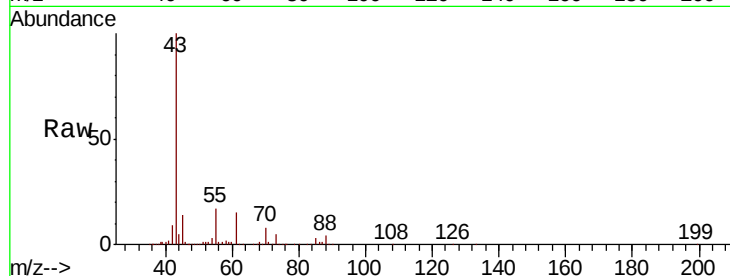




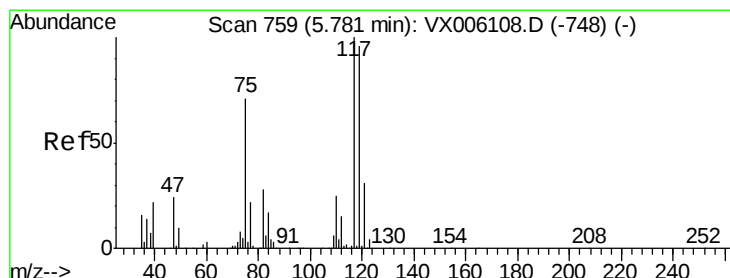
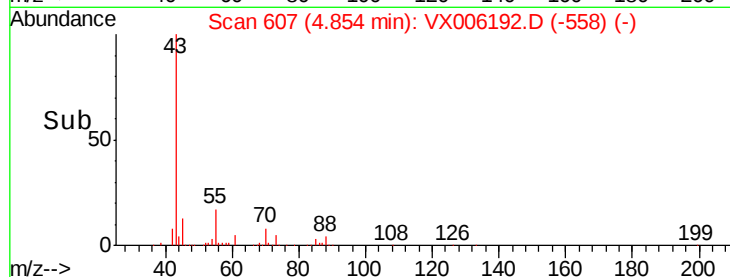
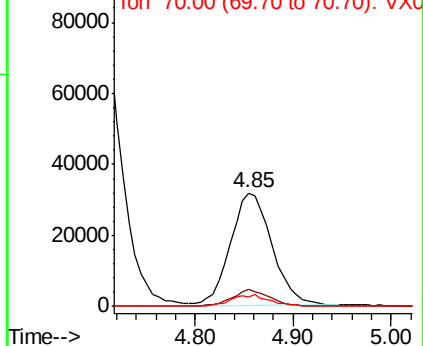
#37
Ethyl Acetate
Concen: 20.502 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion: 43 Resp: 93432
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.9 7.9 11.9

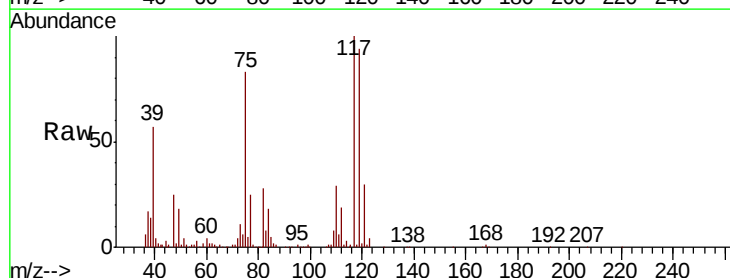


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

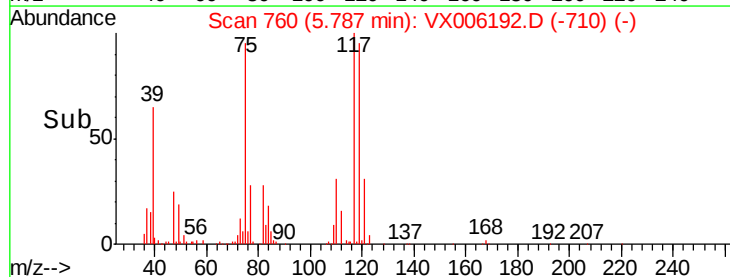
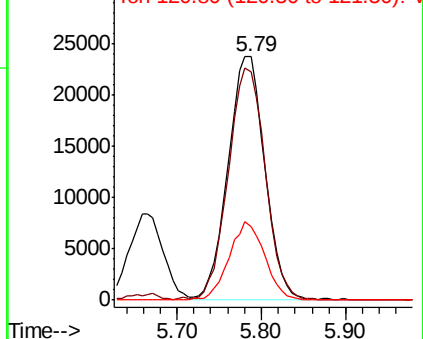


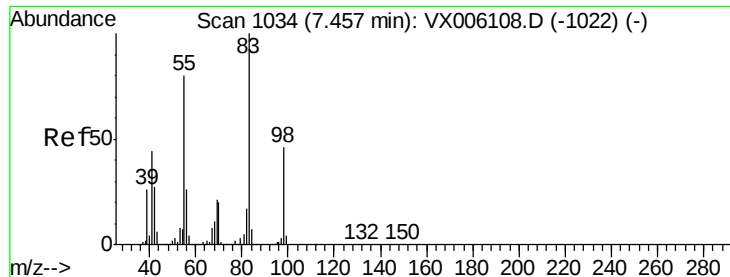
#38
Carbon Tetrachloride
Concen: 21.183 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion: 117 Resp: 70526
Ion Ratio Lower Upper
117 100
119 93.7 76.3 114.5
121 30.1 24.7 37.1



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





#39

Methvlcvclohexane

Concen: 17.553 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

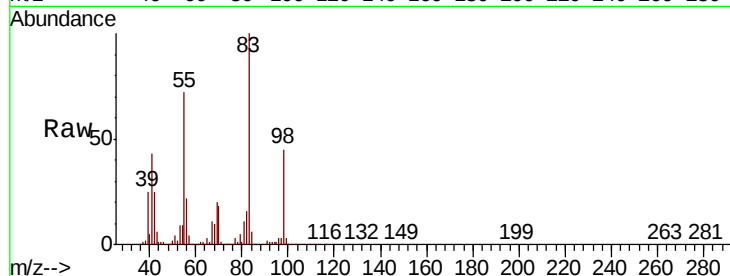
Tot Ion: 83 Resp: 70835

Ion Ratio Lower Upper

83 100

55 72.0 63.9 95.9

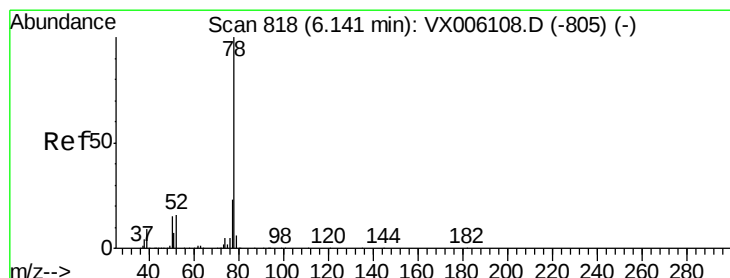
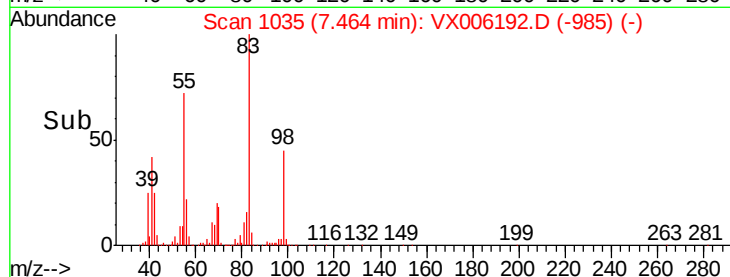
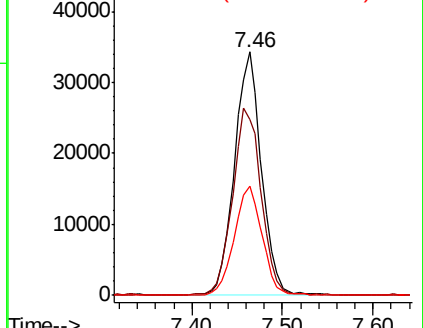
98 44.8 36.8 55.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 20.191 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX006192.D

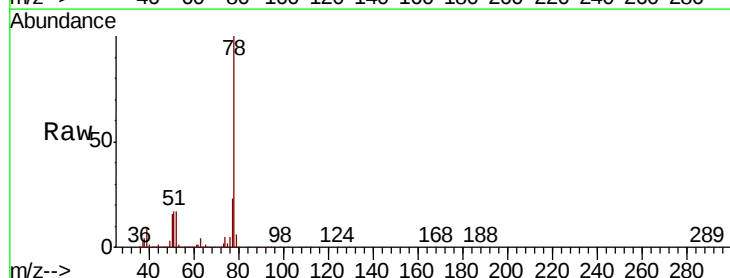
Acq: 26 Nov 2018 23:37

Tgt Ion: 78 Resp: 210710

Ion Ratio Lower Upper

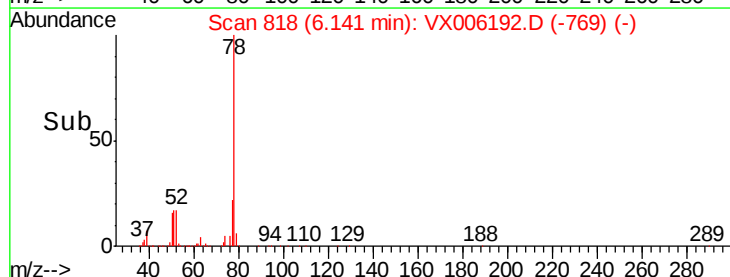
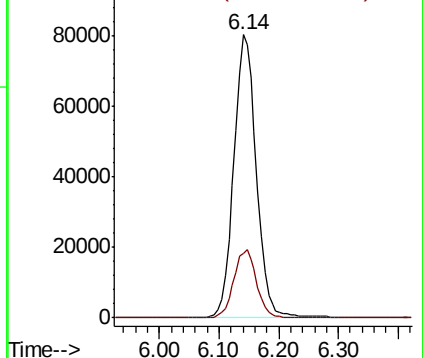
78 100

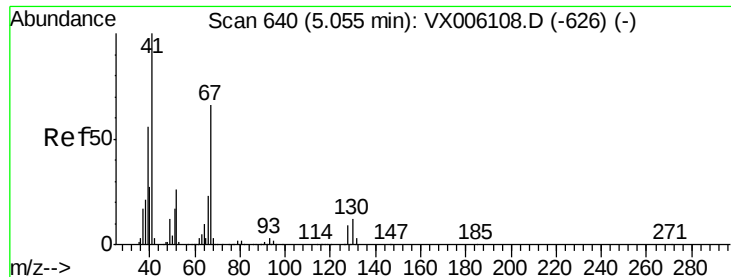
77 22.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 20.389 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX1126WBS02

Tot Ion: 41 Resp: 51206

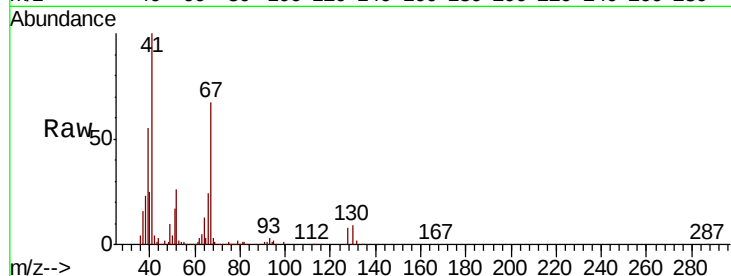
Ion Ratio Lower Upper

41 100

39 54.5 44.1 66.1

67 67.3 54.1 81.1

52 28.0 21.7 32.5

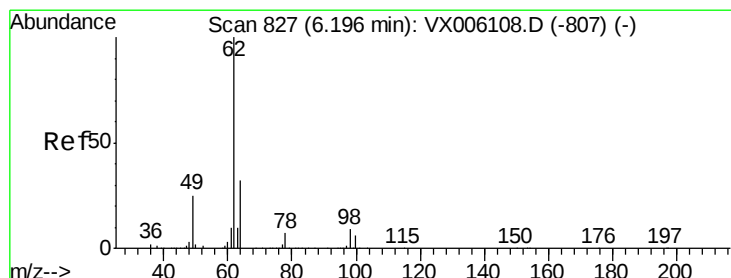
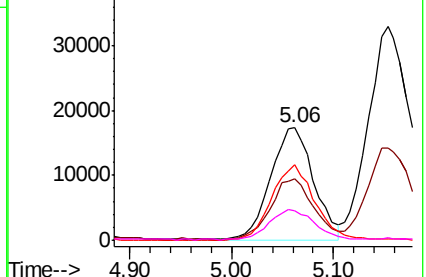
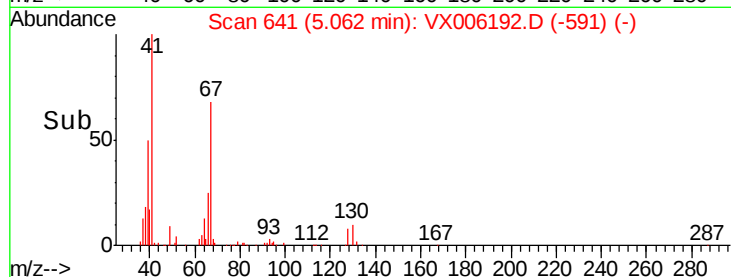


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.574 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006192.D

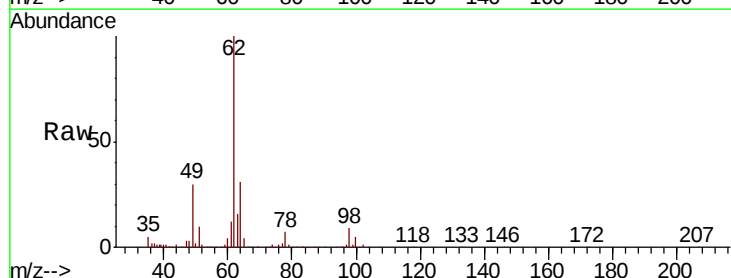
Acq: 26 Nov 2018 23:37

Tgt Ion: 62 Resp: 80272

Ion Ratio Lower Upper

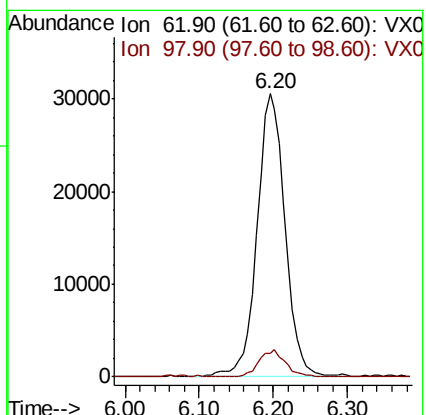
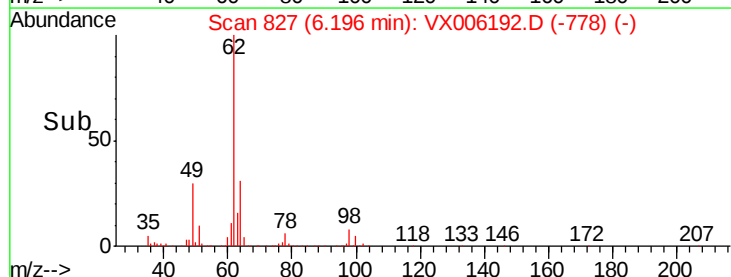
62 100

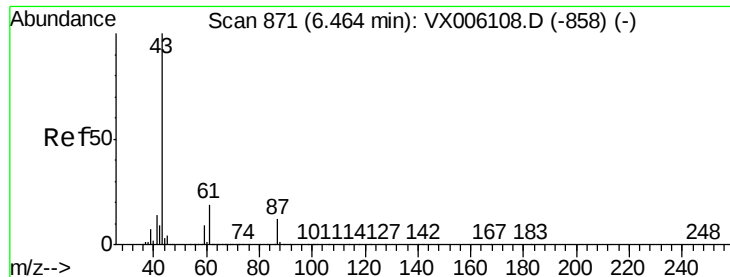
98 9.2 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



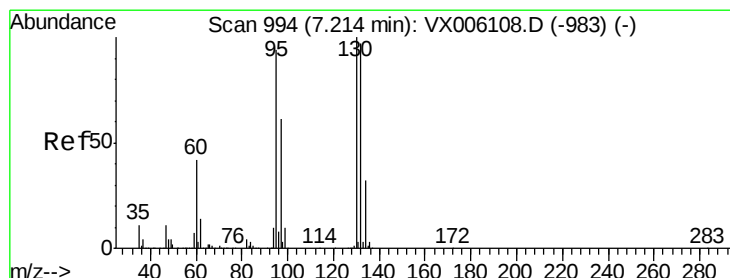
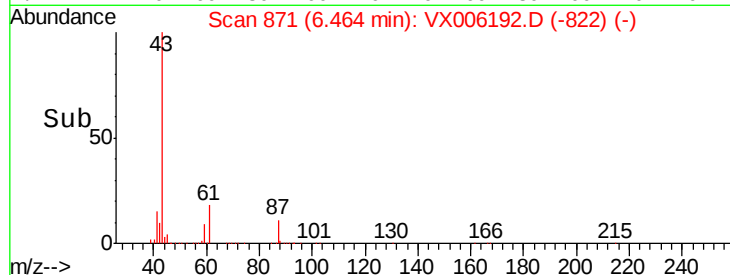
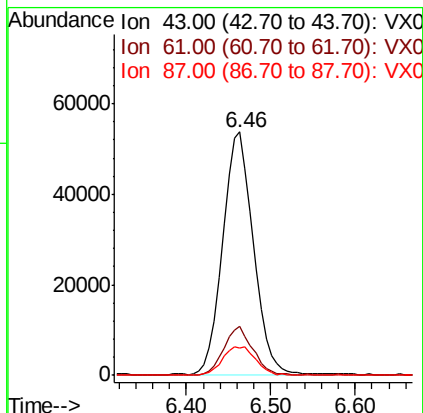
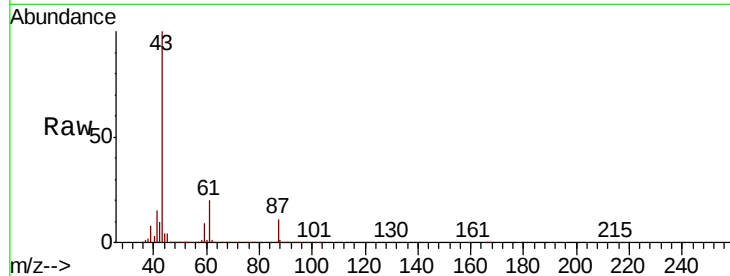


#43

Isopropyl Acetate
 Concen: 20.286 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

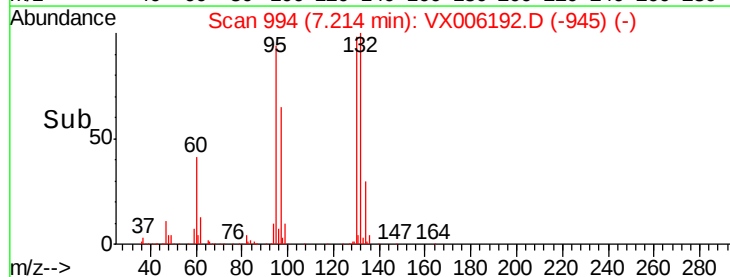
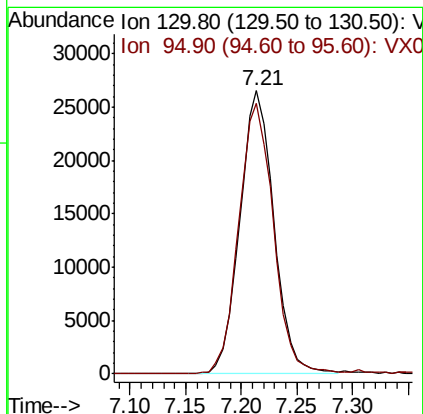
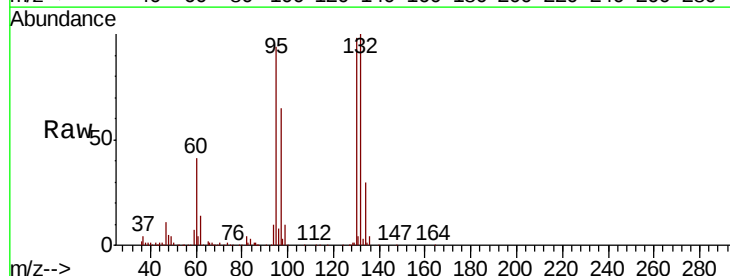
Tot Ion	43	Resp	133508
Ion Ratio	Lower	Upper	
43	100		
61	19.2	15.2	22.8
87	12.9	9.6	14.4

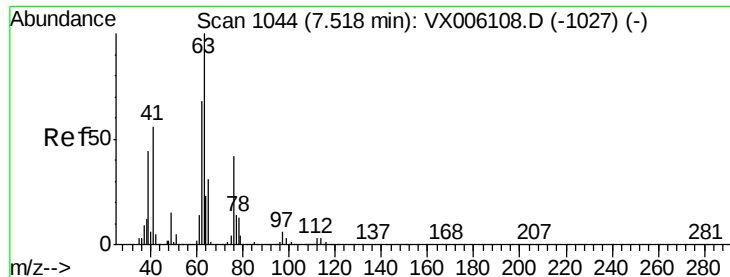


#44

Trichloroethene
 Concen: 19.469 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion	130	Resp	56470
Ion Ratio	Lower	Upper	
130	100		
95	95.8	0.0	188.8





#45

1,2-Dichloropropane

Concen: 20.976 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

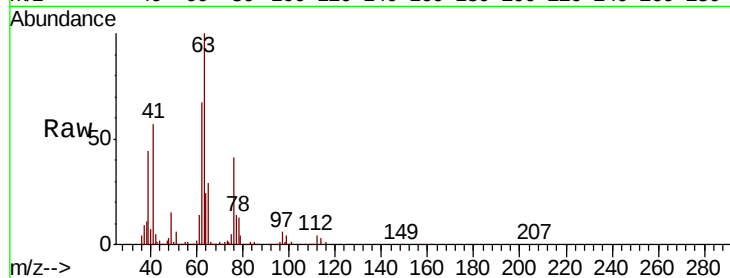
VX1126WBS02

Tot Ion: 63 Resp: 57932

Ion Ratio Lower Upper

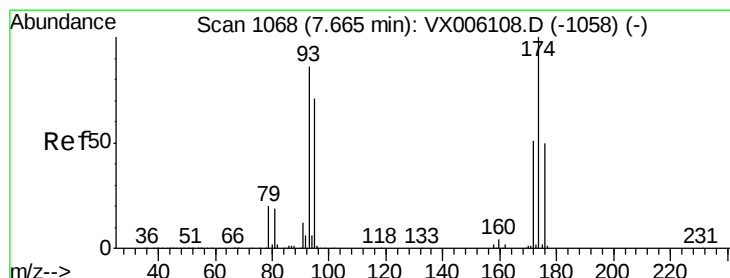
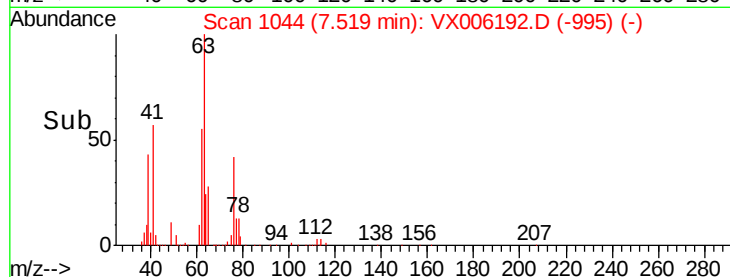
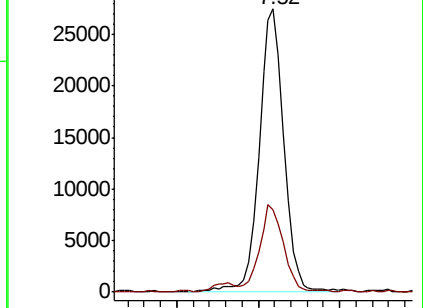
63 100

65 28.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.514 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

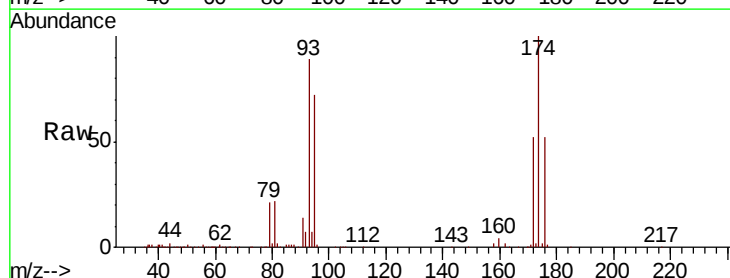
Tgt Ion: 93 Resp: 38801

Ion Ratio Lower Upper

93 100

95 81.8 66.3 99.5

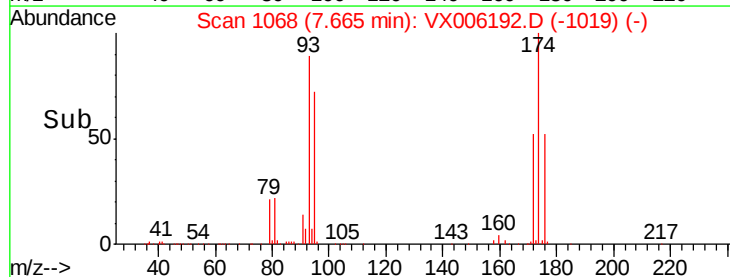
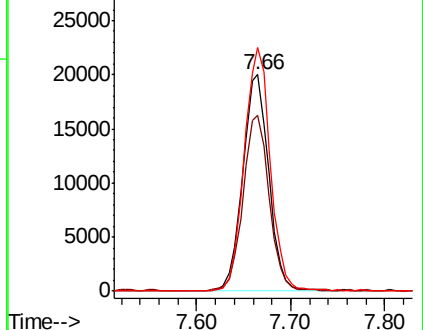
174 112.6 91.0 136.6

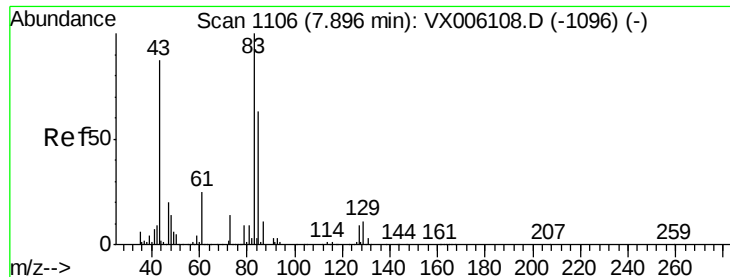


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.906 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

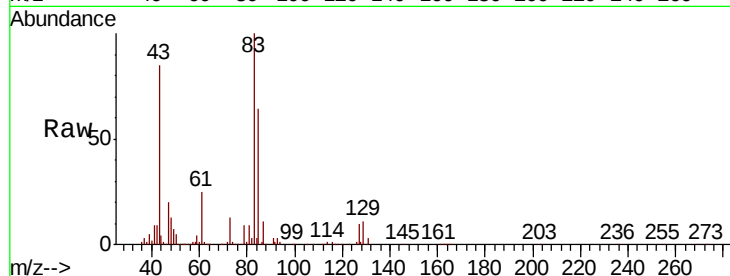
Tot Ion: 83 Resp: 73134

Ion Ratio Lower Upper

83 100

85 64.0 50.4 75.6

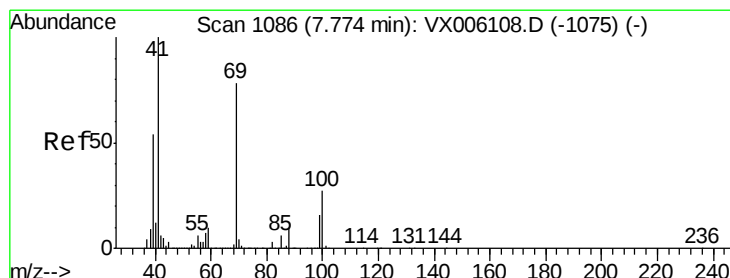
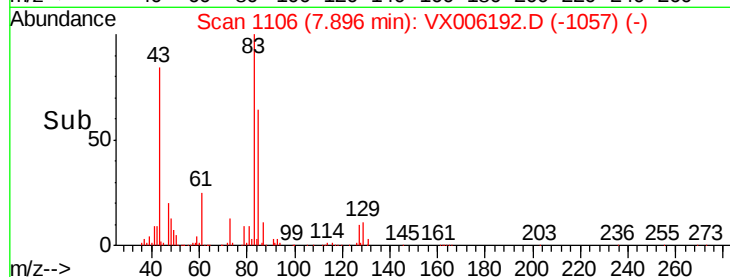
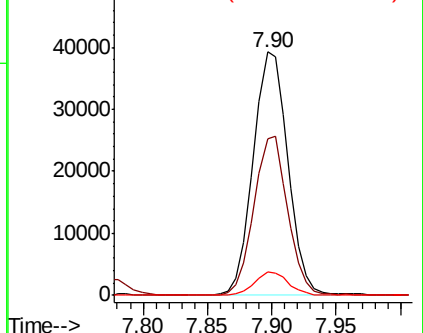
127 9.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.334 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

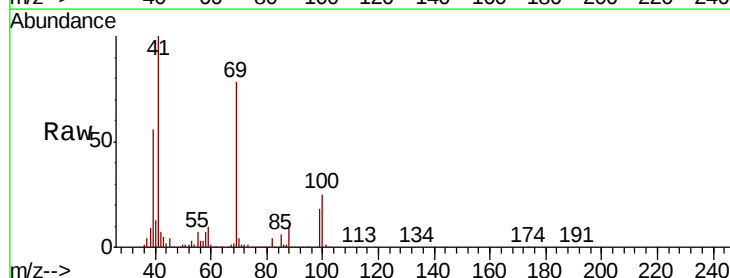
Tgt Ion: 41 Resp: 71210

Ion Ratio Lower Upper

41 100

69 77.5 62.8 94.2

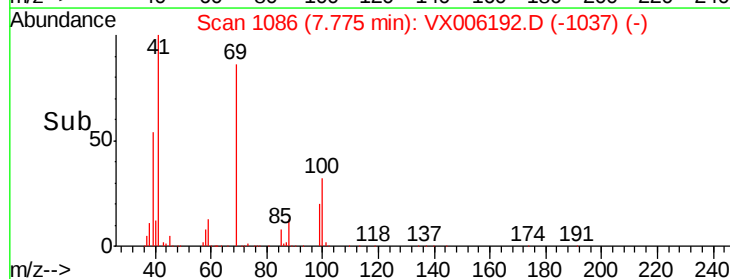
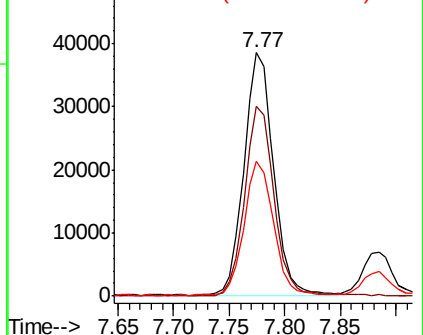
39 54.3 43.8 65.6

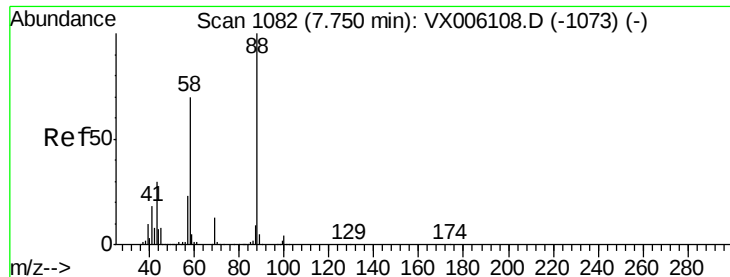


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 401.773 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

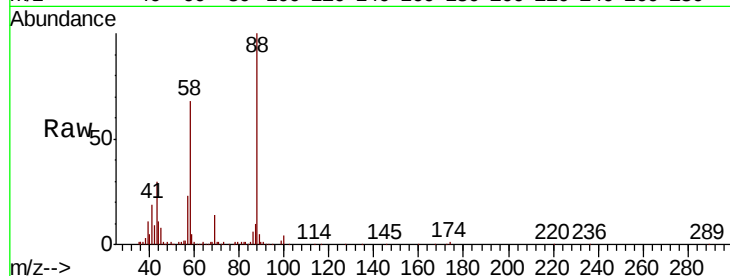
Tot Ion: 88 Resp: 31816

Ion Ratio Lower Upper

88 100

43 36.6 26.7 40.1

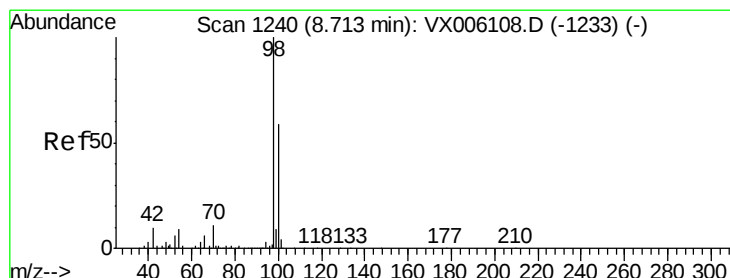
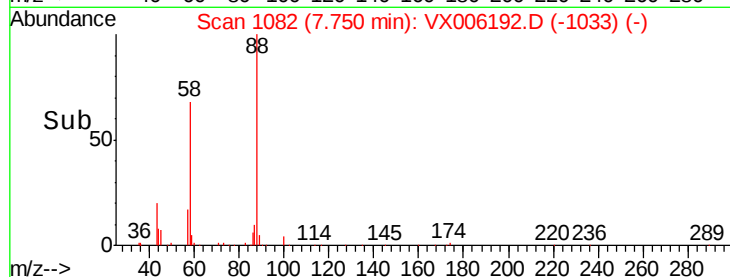
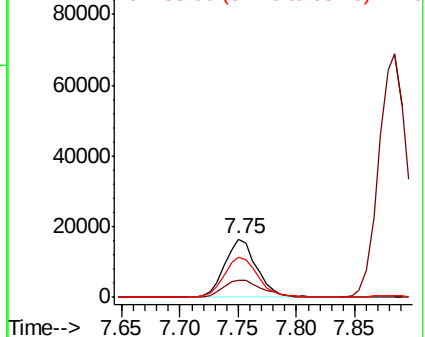
58 72.9 58.5 87.7



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: 52.297 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006192.D

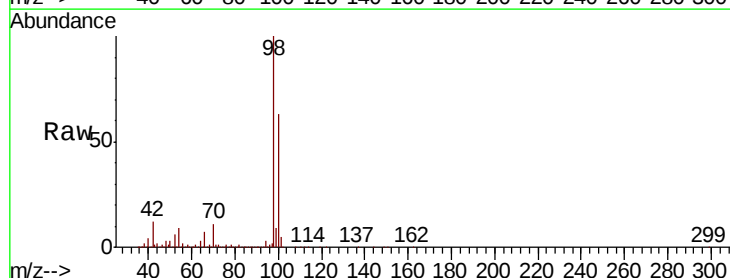
Acq: 26 Nov 2018 23:37

Tgt Ion: 98 Resp: 498542

Ion Ratio Lower Upper

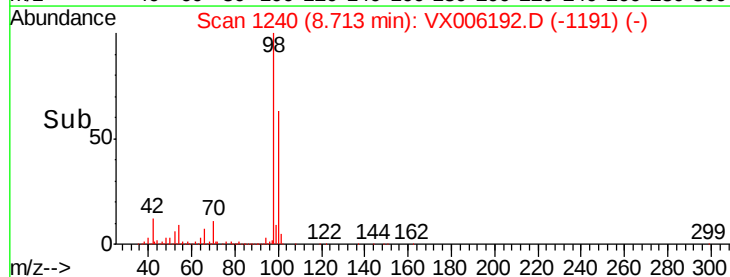
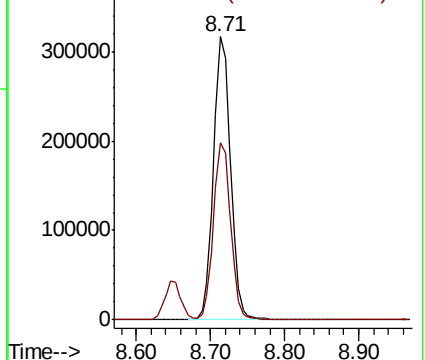
98 100

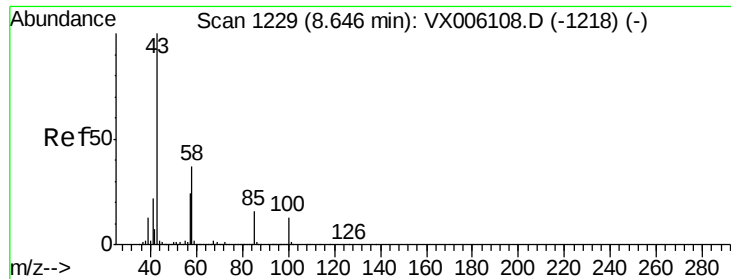
100 63.3 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

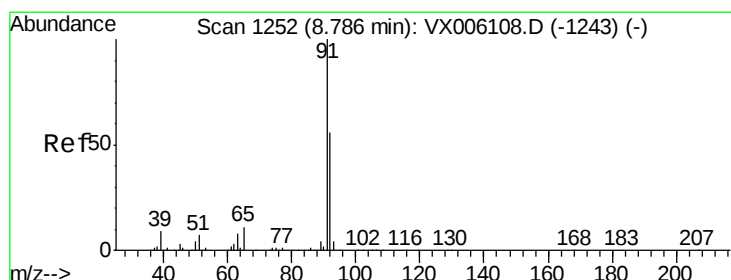
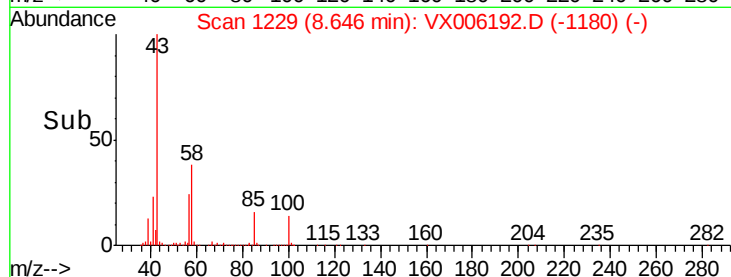
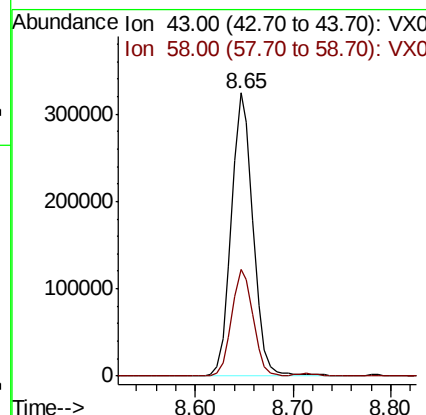
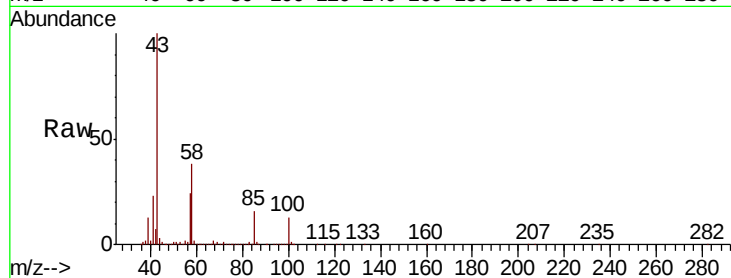




#51
 4-Methyl-2-Pentanone
 Concen: 105.647 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

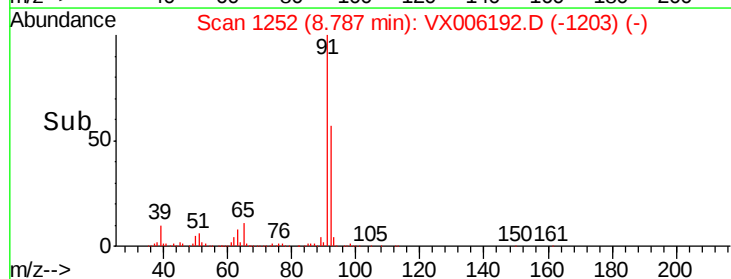
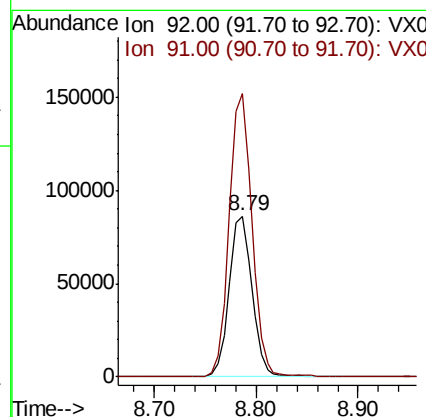
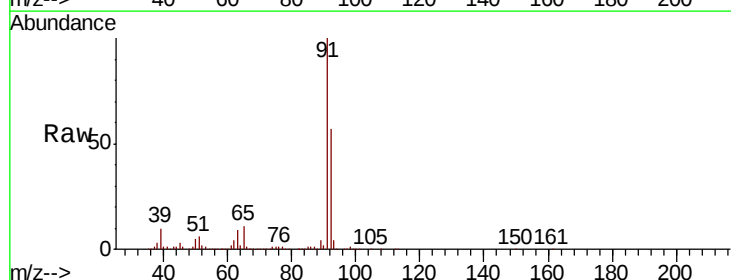
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

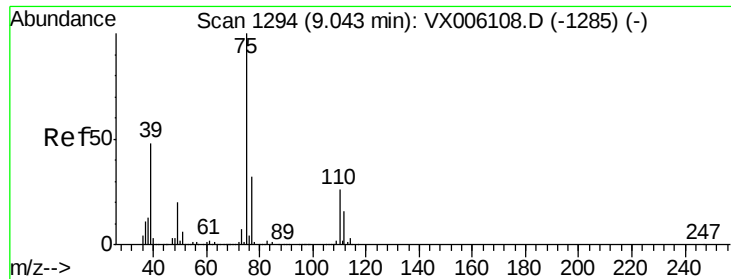
Tot Ion: 43 Resp: 498460
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.9 44.9



#52
 Toluene
 Concen: 20.823 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion: 92 Resp: 134409
 Ion Ratio Lower Upper
 92 100
 91 174.9 142.5 213.7





#53

t-1,3-Dichloropropene

Concen: 20.176 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

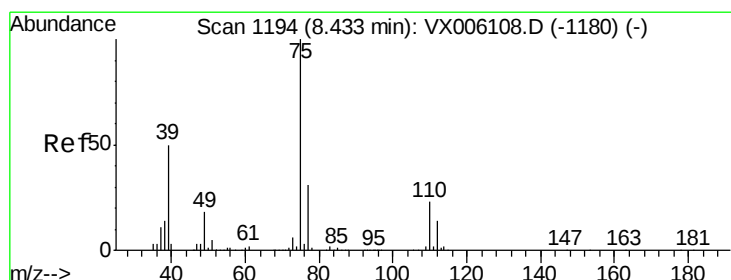
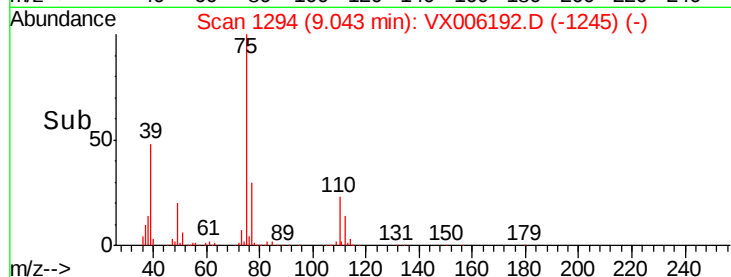
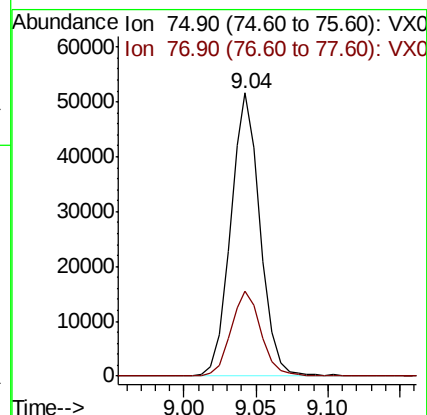
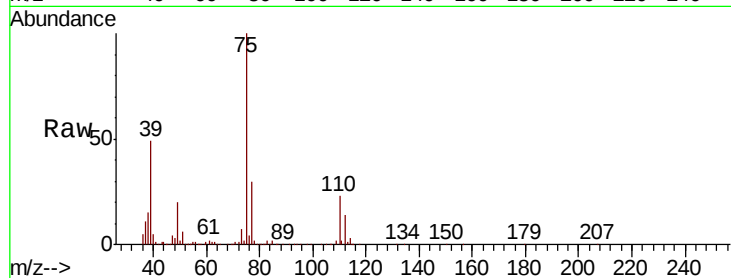
VX1126WBS02

Tot Ion: 75 Resp: 73650

Ion Ratio Lower Upper

75 100

77 29.9 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.955 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

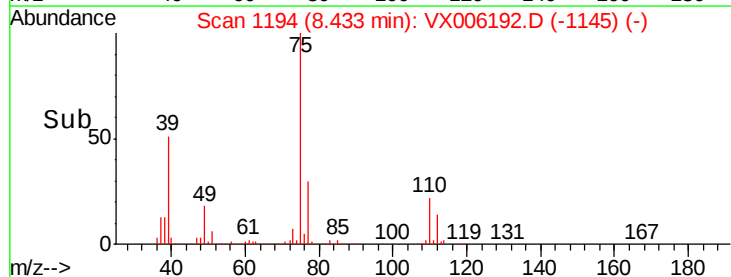
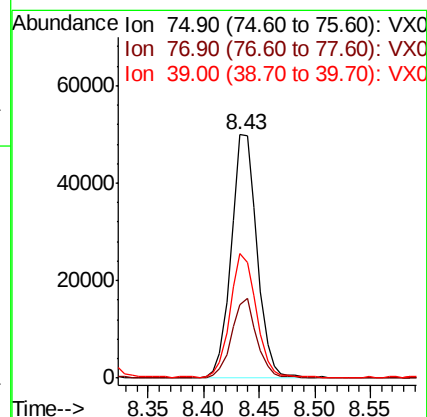
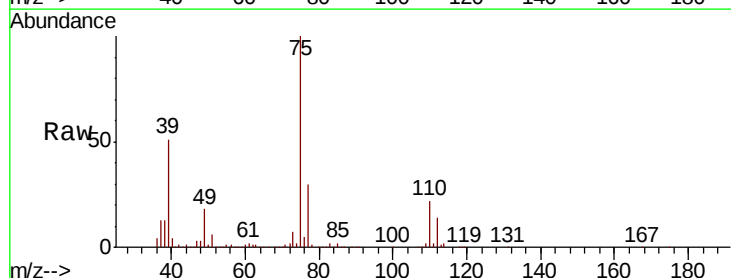
Tgt Ion: 75 Resp: 80527

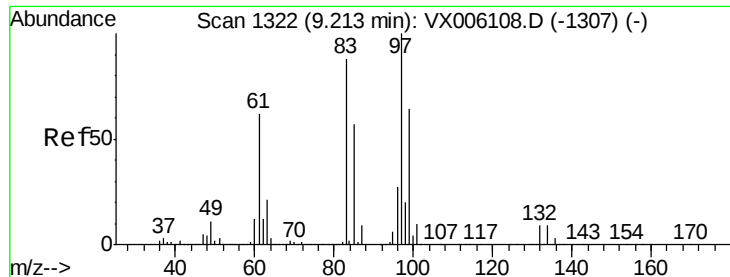
Ion Ratio Lower Upper

75 100

77 30.2 24.7 37.1

39 51.0 40.3 60.5

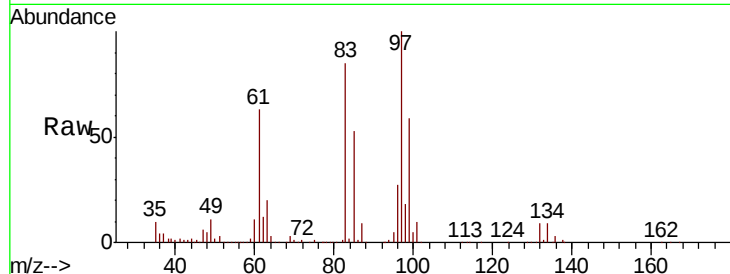




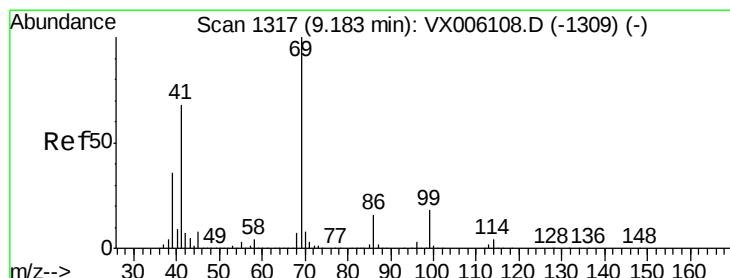
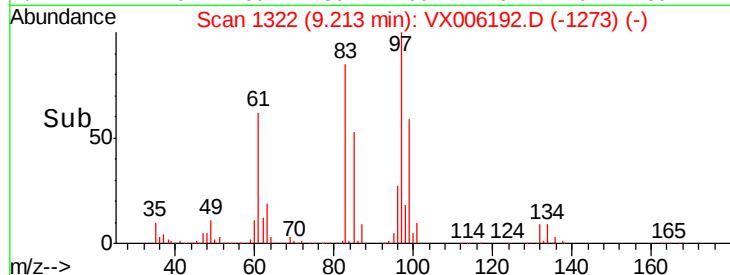
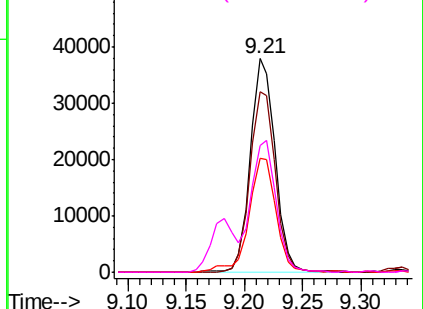
#55
 1,1,2-Trichloroethane
 Concen: 20.212 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tot Ion: 97 Resp: 56504
 Ion Ratio Lower Upper
 97 100
 83 84.6 70.7 106.1
 85 52.9 45.7 68.5
 99 59.0 51.4 77.2

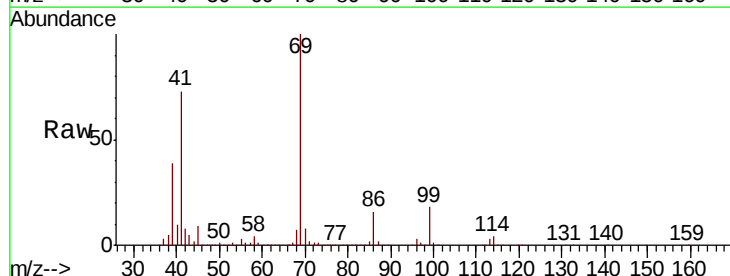


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

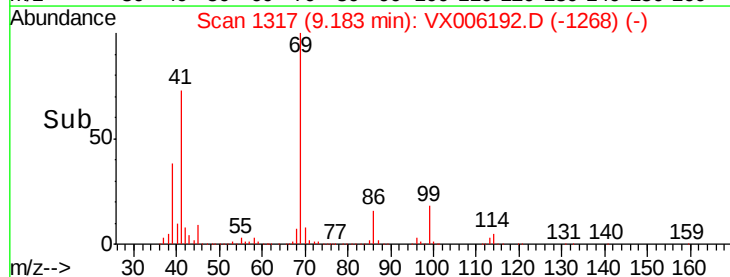
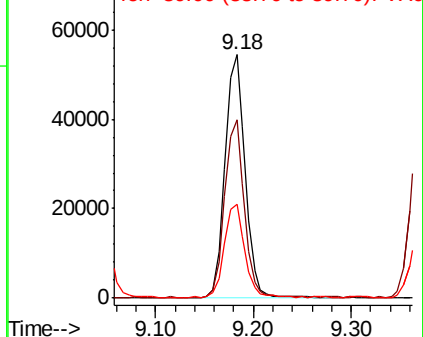


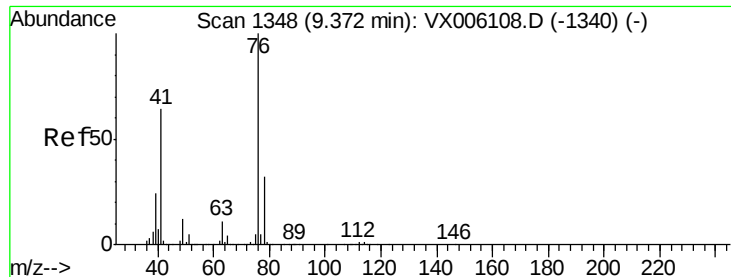
#56
 Ethyl methacrylate
 Concen: 19.661 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion: 69 Resp: 77561
 Ion Ratio Lower Upper
 69 100
 41 71.2 56.2 84.4
 39 39.3 29.4 44.0



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





#57

1,3-Dichloropropane

Concen: 20.243 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

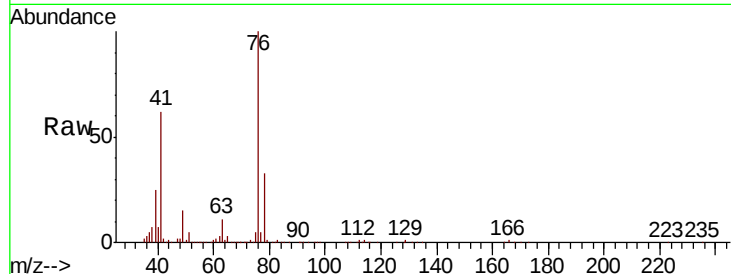
VX1126WBS02

Tot Ion: 76 Resp: 93275

Ion Ratio Lower Upper

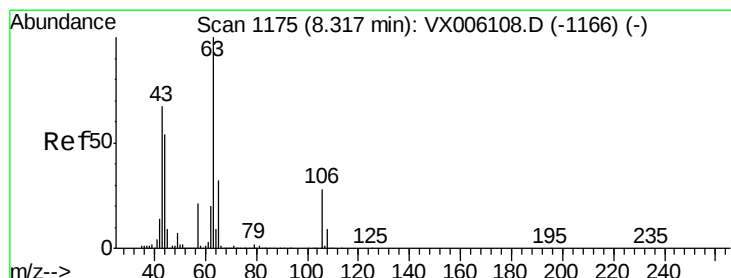
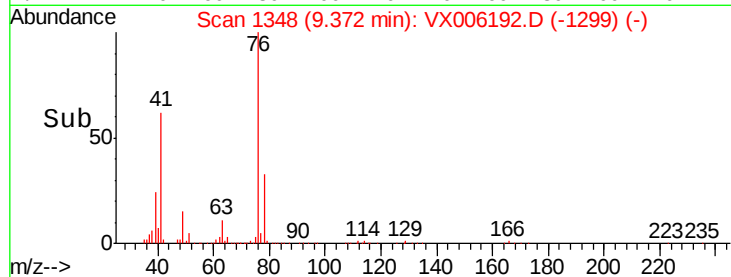
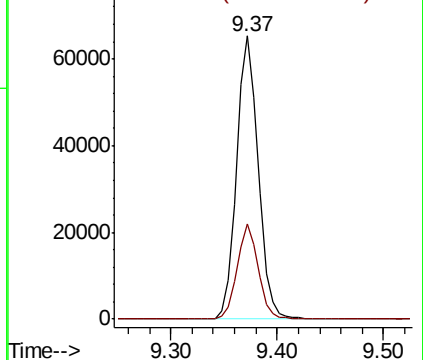
76 100

78 32.9 25.7 38.5



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: 99.455 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006192.D

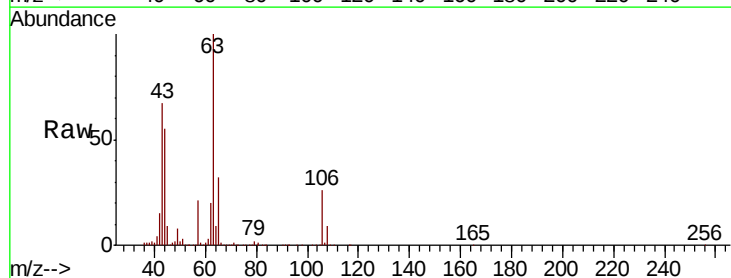
Acq: 26 Nov 2018 23:37

Tgt Ion: 63 Resp: 231525

Ion Ratio Lower Upper

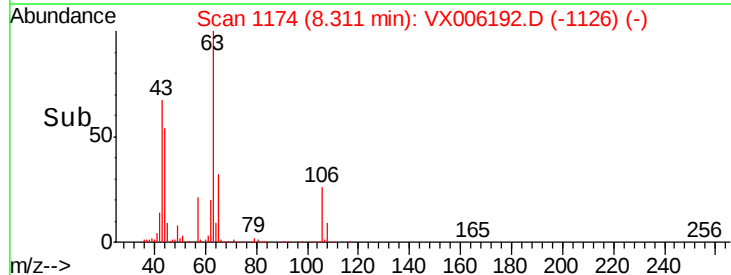
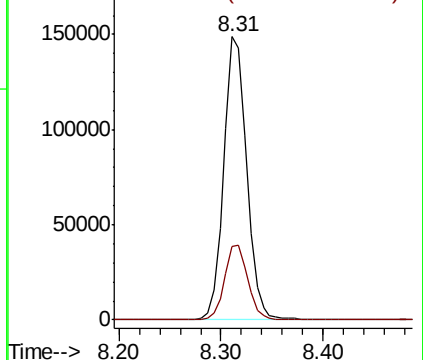
63 100

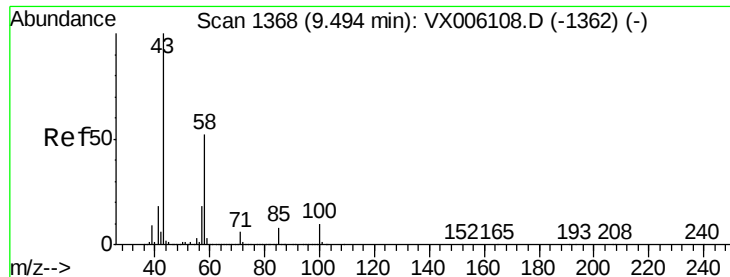
106 26.9 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

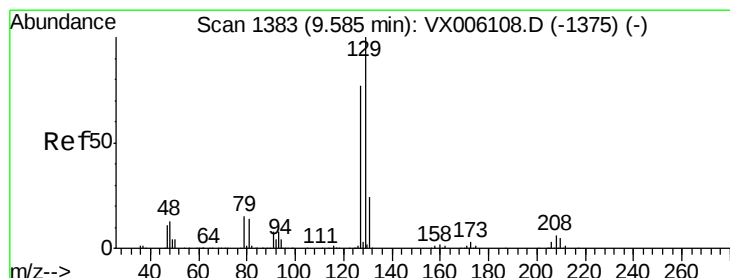
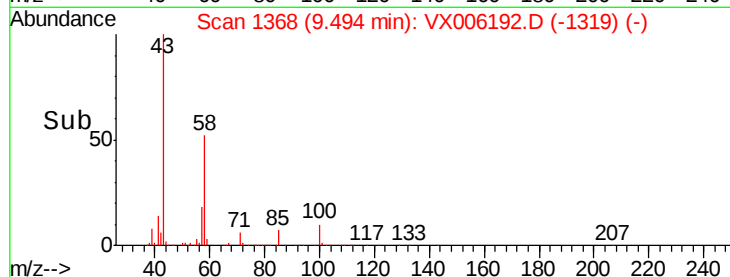
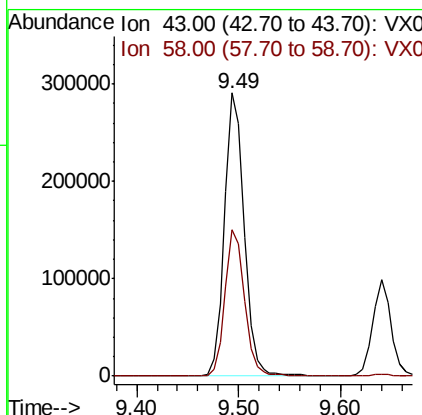
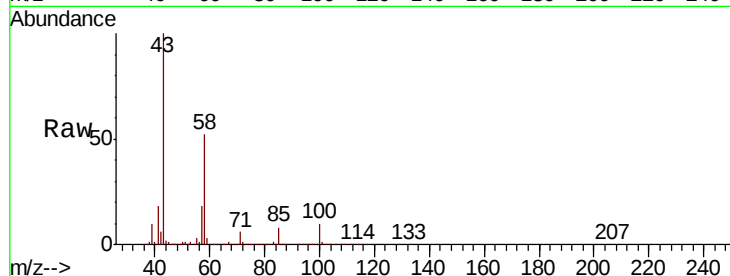




#59
2-Hexanone
Concen: 104.056 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

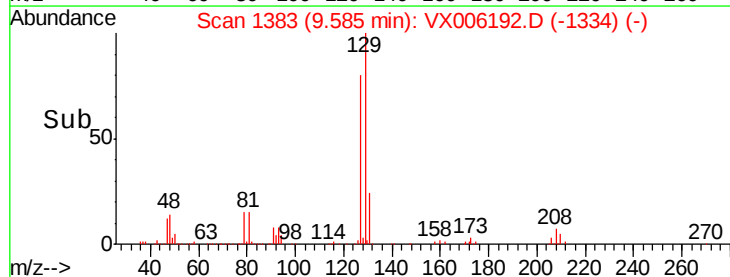
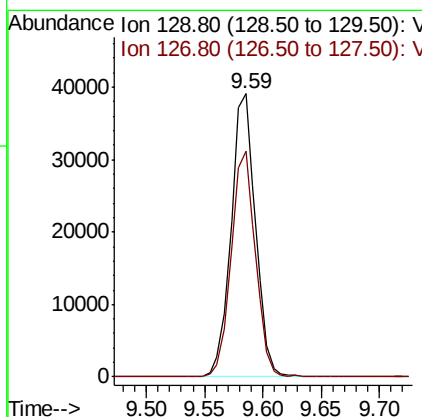
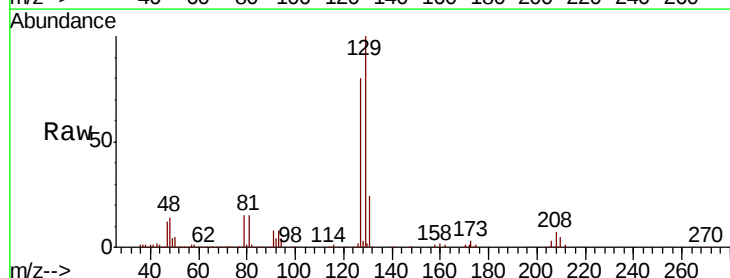
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

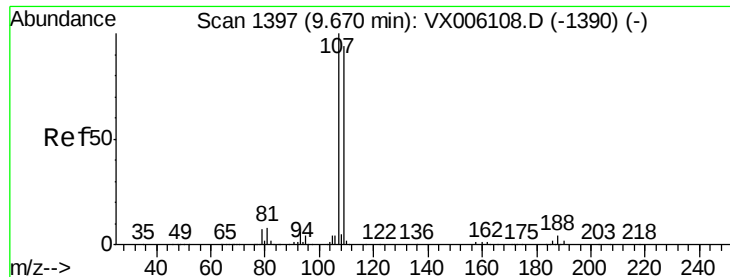
Tot Ion: 43 Resp: 389628
Ion Ratio Lower Upper
43 100
58 51.6 26.3 78.9



#60
Dibromochloromethane
Concen: 20.891 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion: 129 Resp: 57258
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.5





#61

1,2-Dibromoethane

Concen: 20.943 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

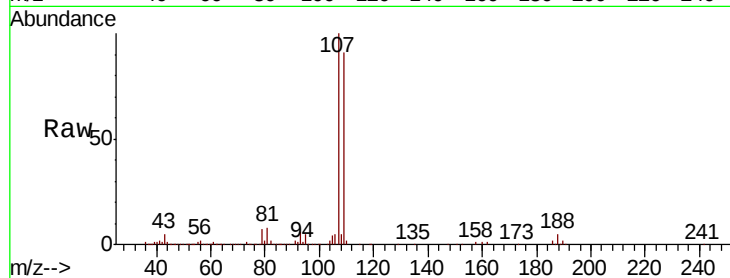
VX1126WBS02

Tot Ion:107 Resp: 60316

Ion Ratio Lower Upper

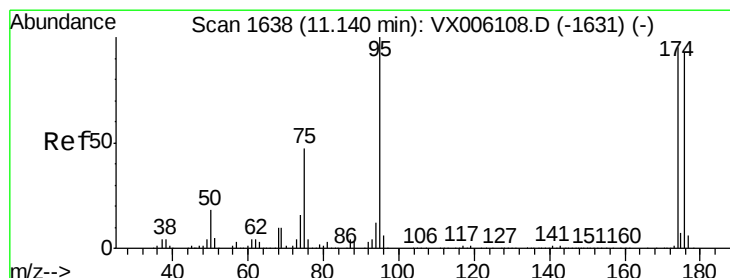
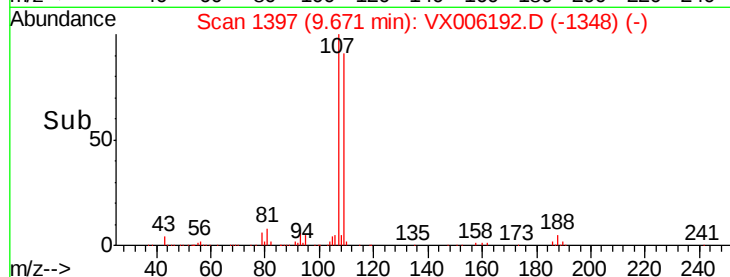
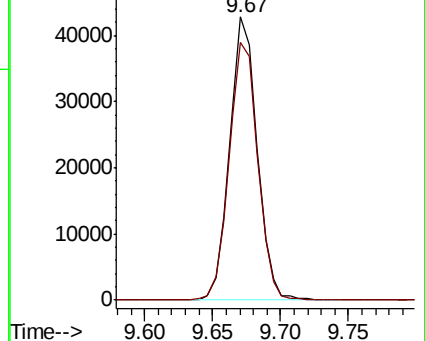
107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.864 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

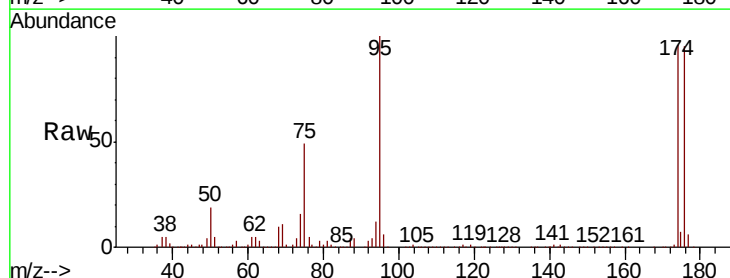
Tgt Ion: 95 Resp: 178351

Ion Ratio Lower Upper

95 100

174 92.7 0.0 184.4

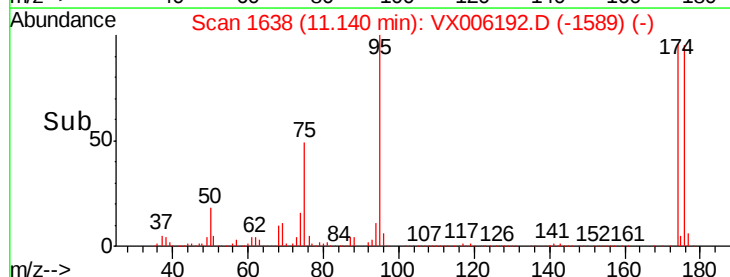
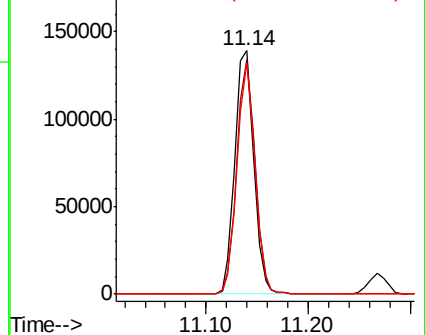
176 90.2 0.0 179.0

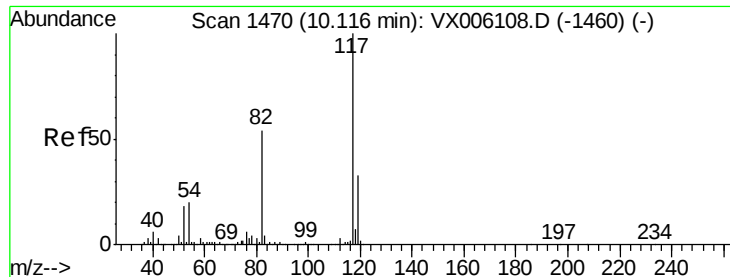


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

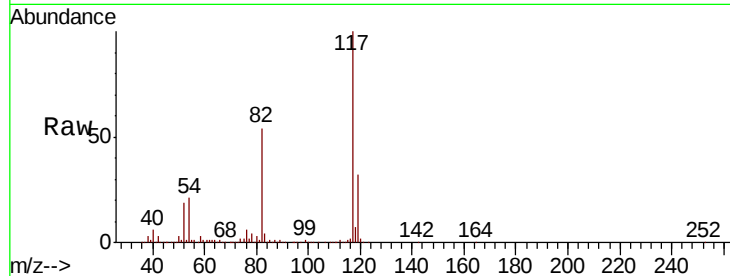
Tot Ion:117 Resp: 368348

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

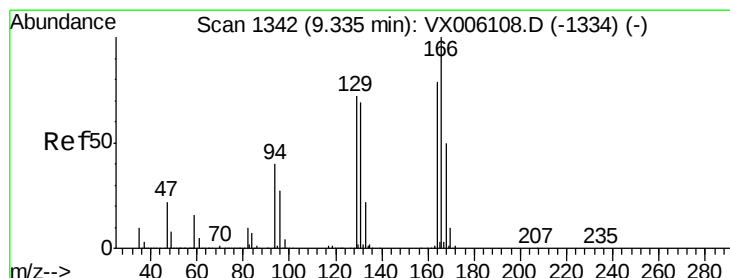
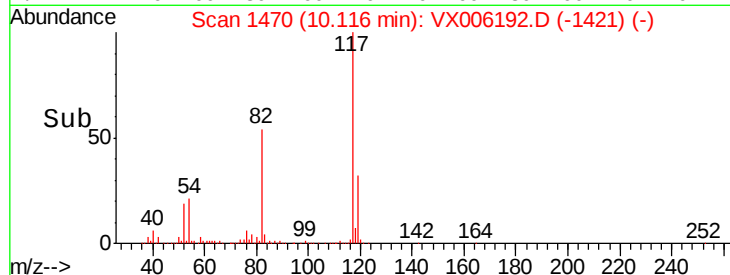
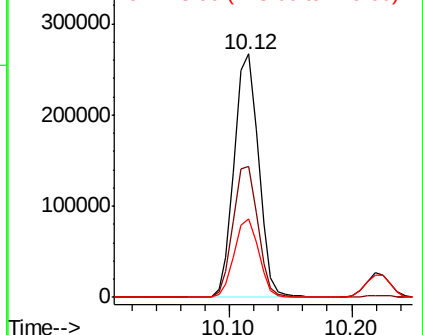
119 32.1 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.351 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:164 Resp: 61691

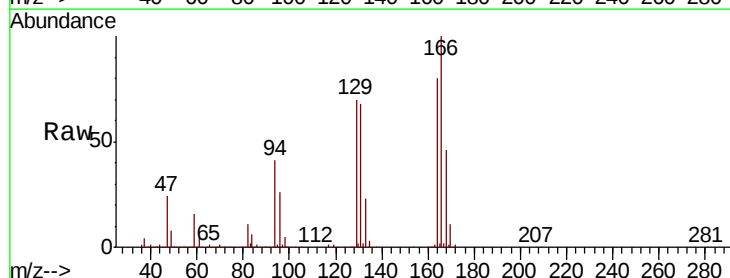
Ion Ratio Lower Upper

164 100

166 124.8 101.5 152.3

129 87.4 73.4 110.0

131 85.2 70.2 105.4

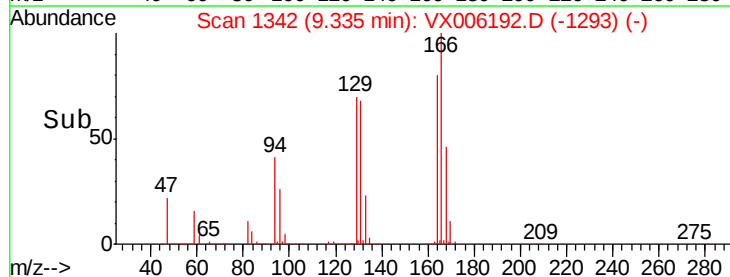
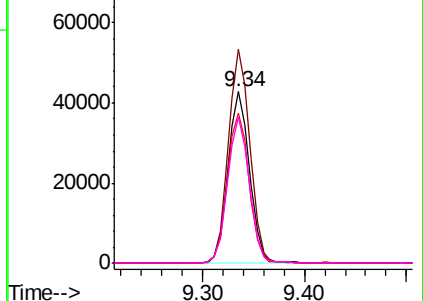


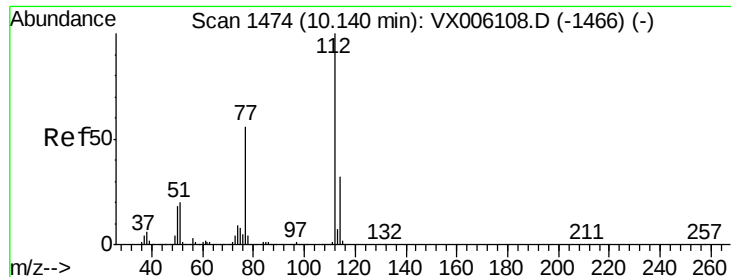
Abundance Ion 163.80 (163.50 to 164.50): V

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

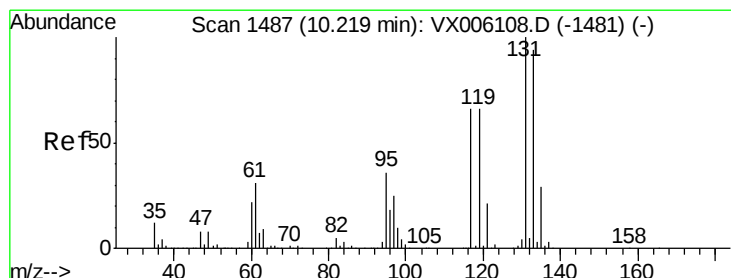
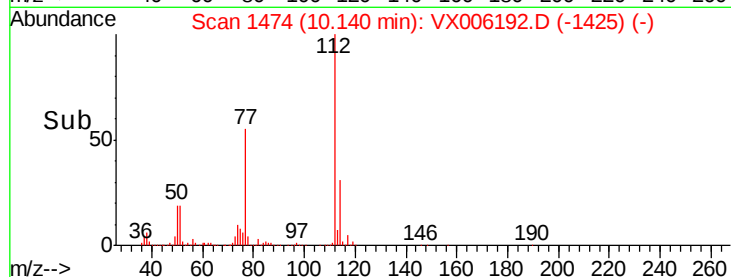
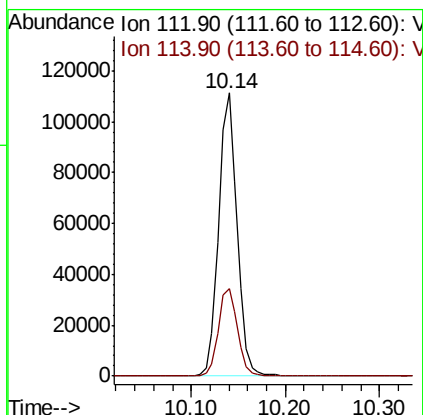
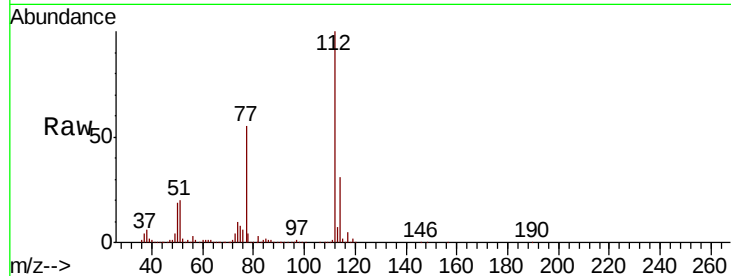




#65
Chlorobenzene
Concen: 19.971 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

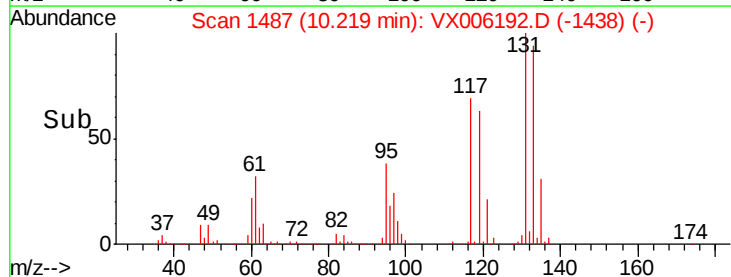
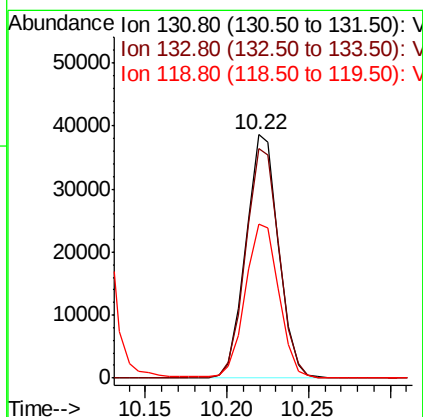
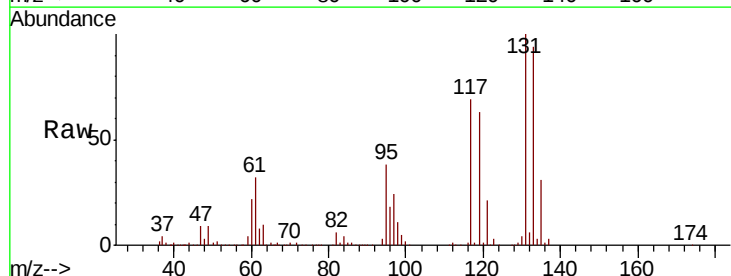
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

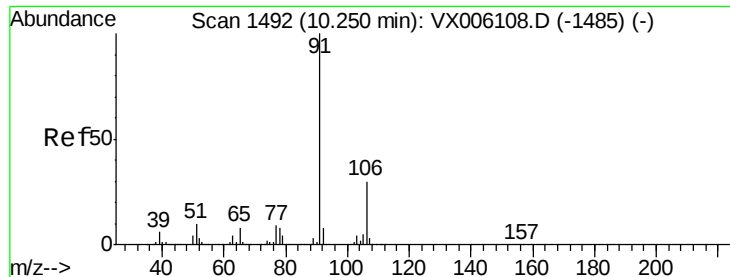
Tot Ion:112 Resp: 150894
Ion Ratio Lower Upper
112 100
114 30.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.805 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion:131 Resp: 53968
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.2
119 64.7 32.6 97.8





#67

Ethyl Benzene

Concen: 20.155 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

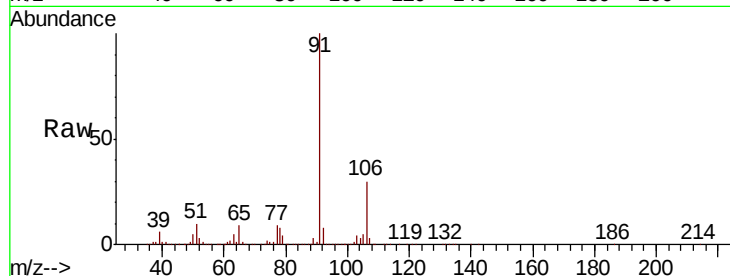
VX1126WBS02

Tot Ion: 91 Resp: 249336

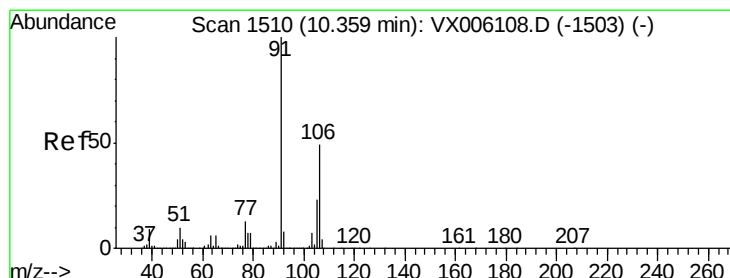
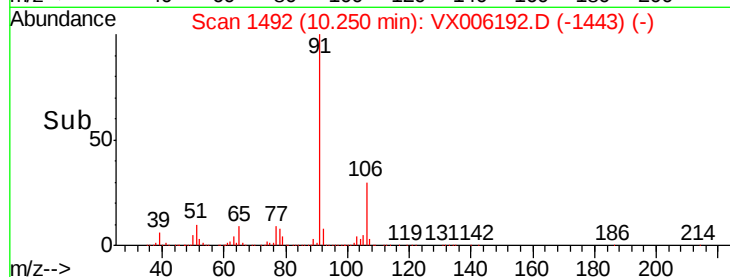
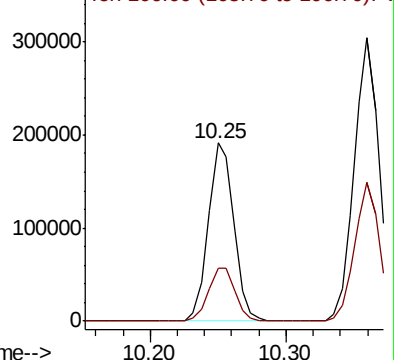
Ion Ratio Lower Upper

91 100

106 29.7 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1485) (-)



#68

m/p-Xylenes

Concen: 39.793 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006192.D

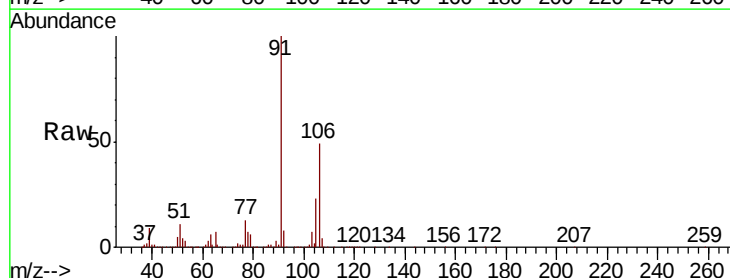
Acq: 26 Nov 2018 23:37

Tgt Ion: 106 Resp: 191693

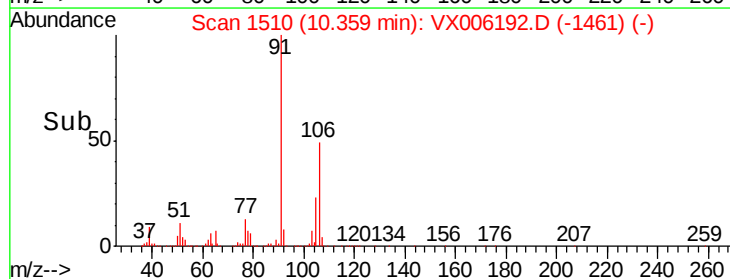
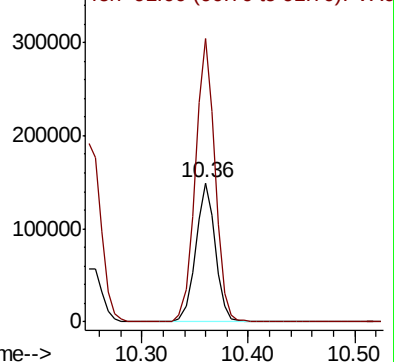
Ion Ratio Lower Upper

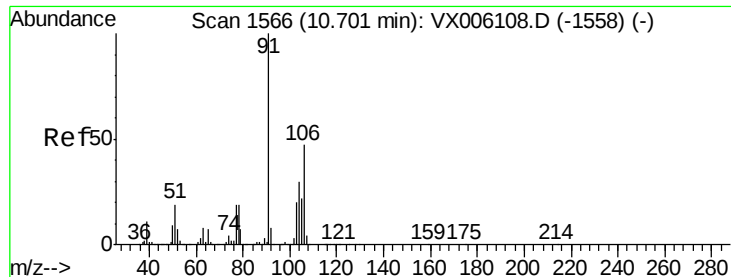
106 100

91 204.8 162.0 243.0



Abundance Ion 106.00 (105.70 to 106.70): VX006108.D (-1503) (-)

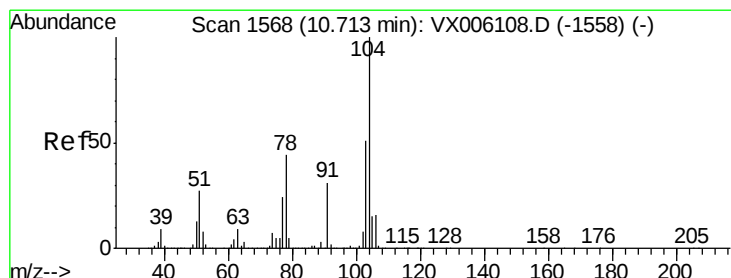
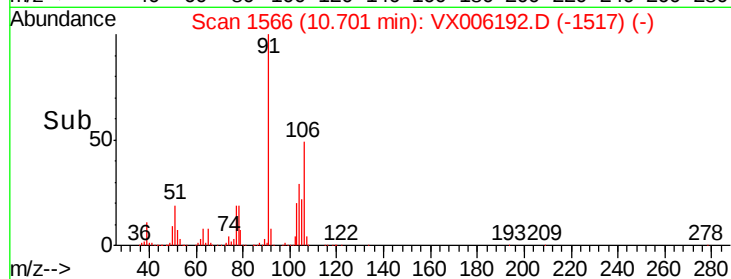
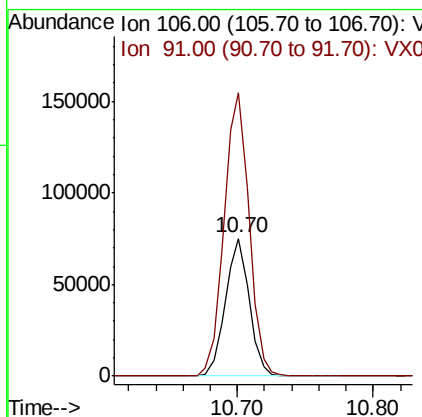
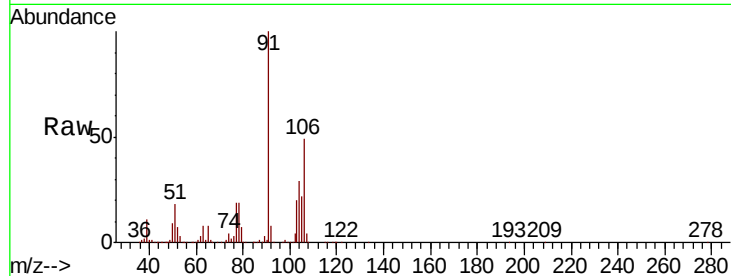




#69
o-Xylene
Concen: 19.833 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

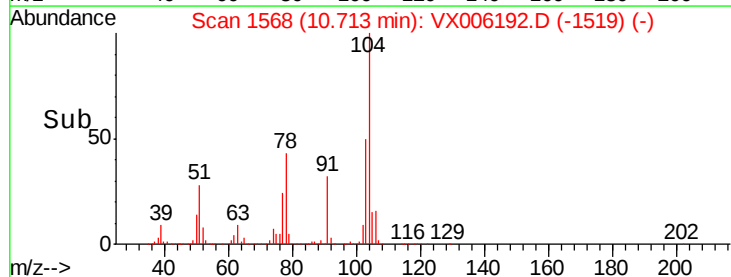
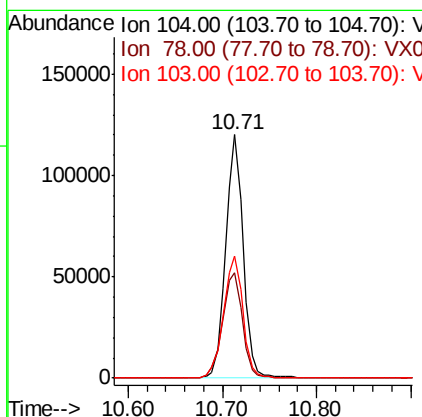
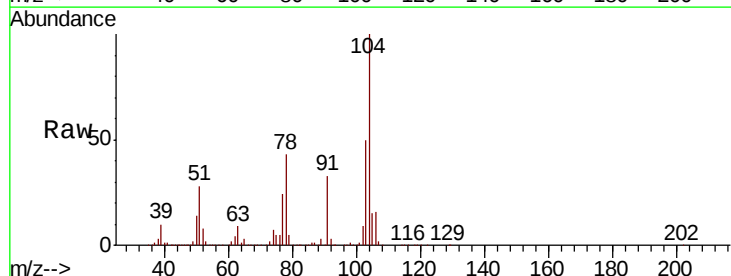
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

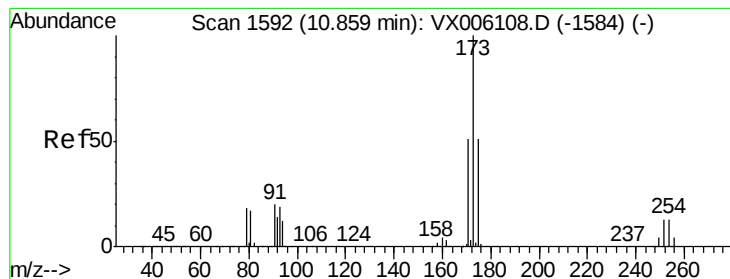
Tot Ion:106 Resp: 91259
Ion Ratio Lower Upper
106 100
91 215.9 107.4 322.2



#70
Styrene
Concen: 20.713 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion:104 Resp: 155401
Ion Ratio Lower Upper
104 100
78 49.6 39.4 59.2
103 55.6 44.6 67.0





#71

Bromoform

Concen: 19.694 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

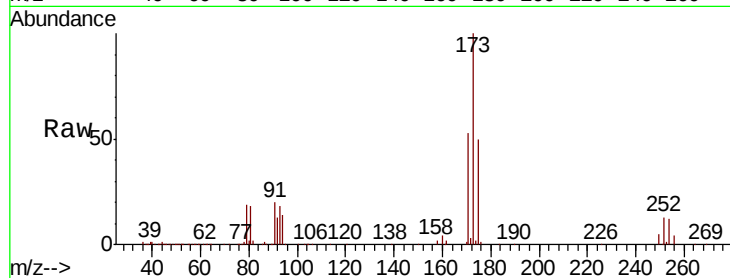
Tot Ion:173 Resp: 45729

Ion Ratio Lower Upper

173 100

175 50.3 24.9 74.6

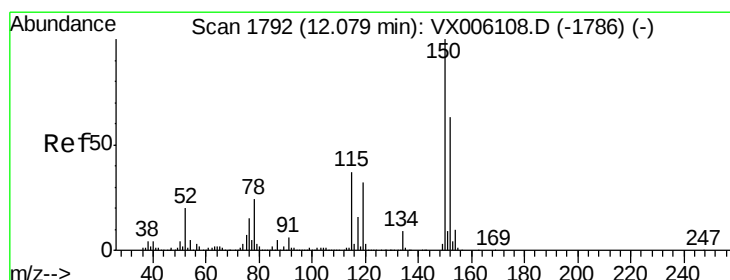
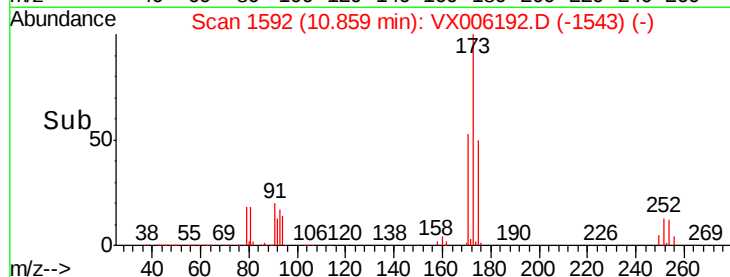
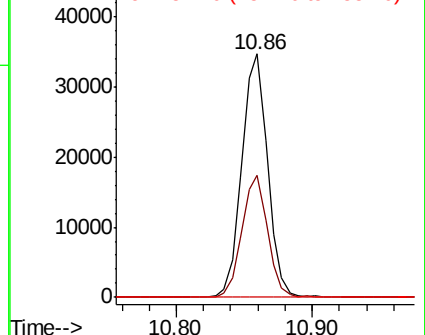
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

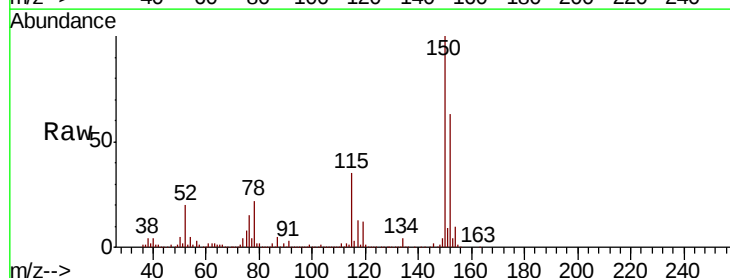
Tgt Ion:152 Resp: 200886

Ion Ratio Lower Upper

152 100

115 64.2 39.0 116.9

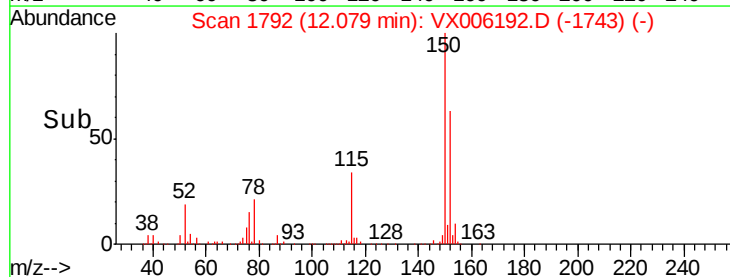
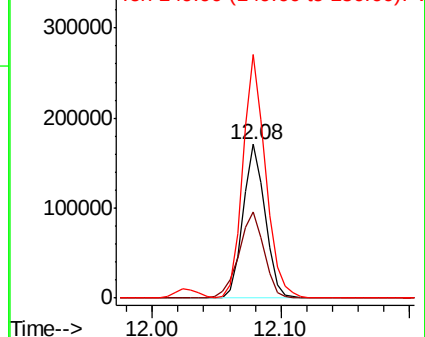
150 163.4 0.0 346.6

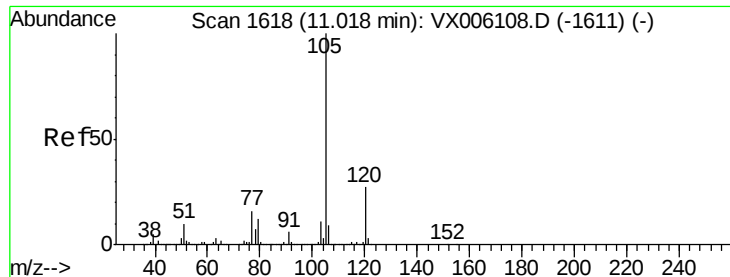


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.858 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

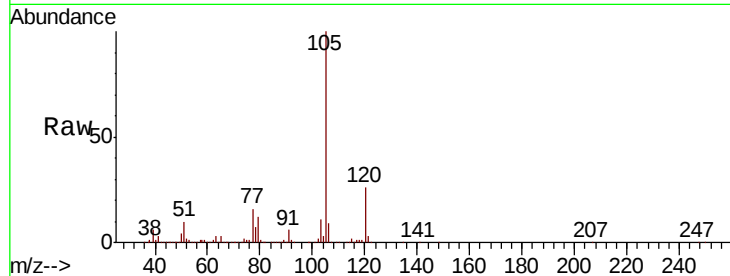
VX1126WBS02

Tot Ion:105 Resp: 253527

Ion Ratio Lower Upper

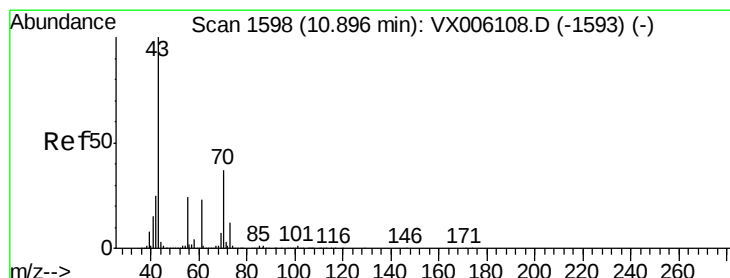
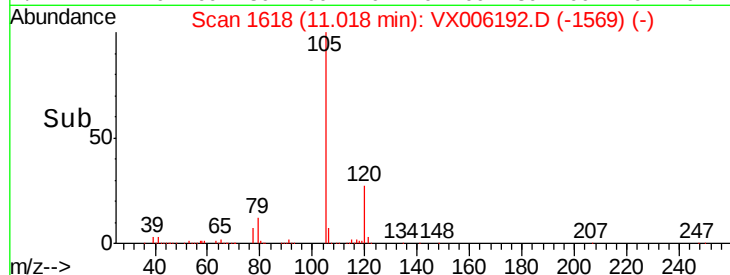
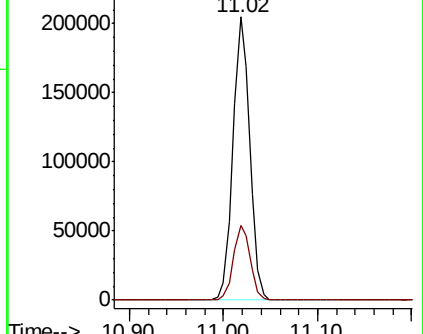
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.676 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion: 43 Resp: 113289

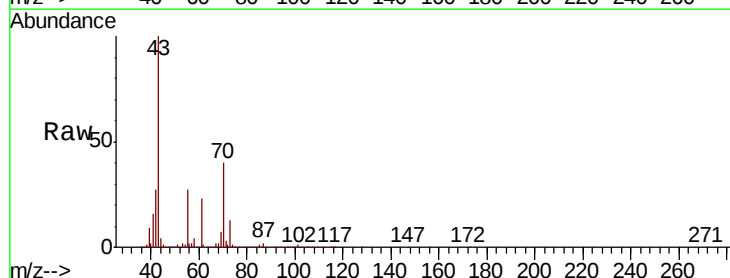
Ion Ratio Lower Upper

43 100

70 40.3 31.8 47.6

55 26.5 19.5 29.3

61 23.0 18.6 27.8

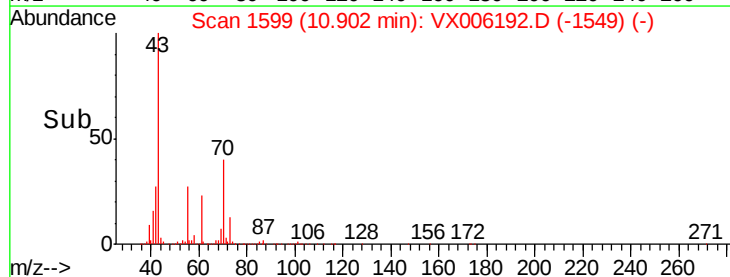
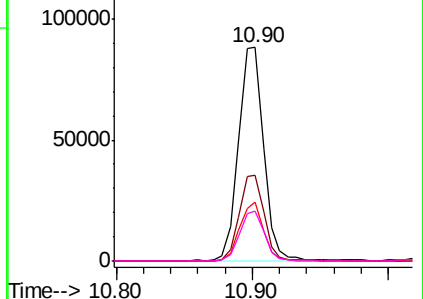


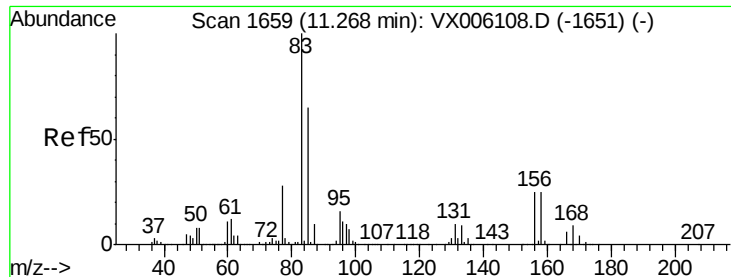
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.168 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

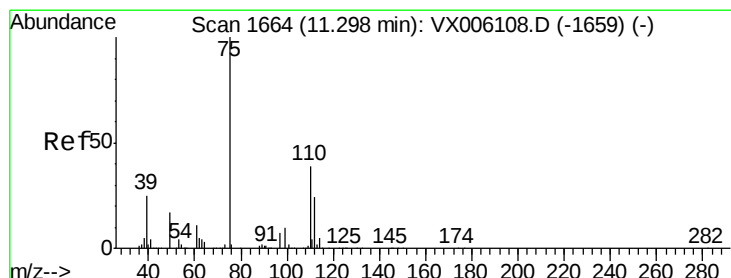
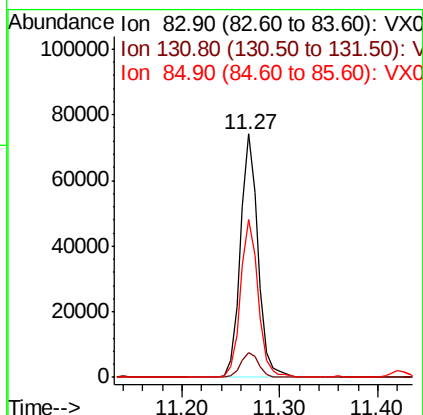
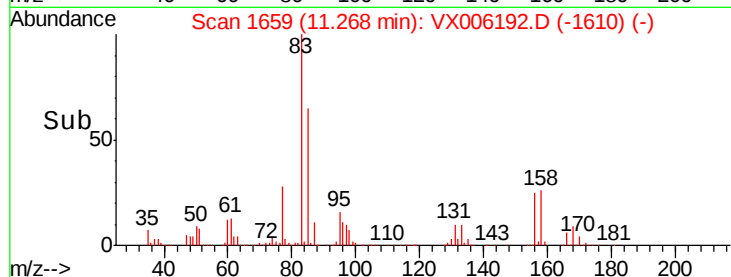
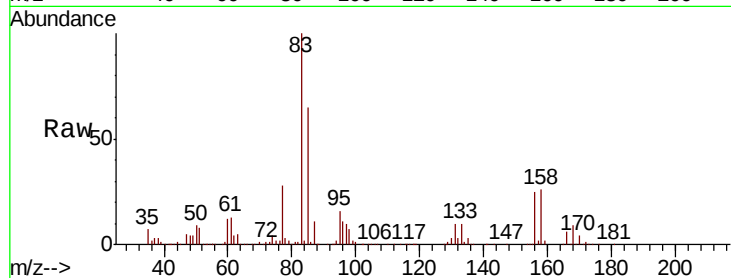
Tot Ion: 83 Resp: 92382

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

85 65.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 25.215 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006192.D

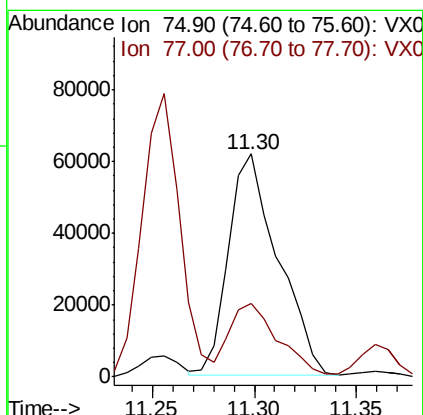
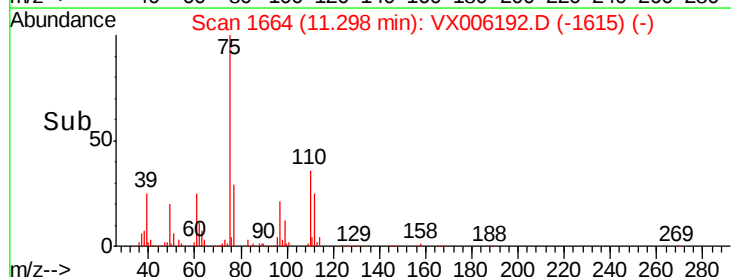
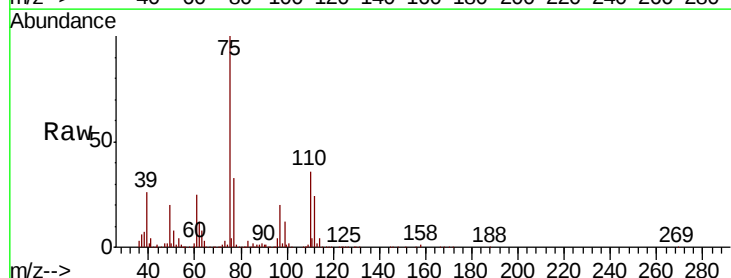
Acq: 26 Nov 2018 23:37

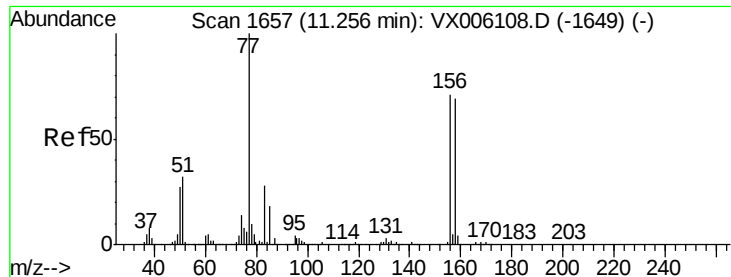
Tgt Ion: 75 Resp: 104286

Ion Ratio Lower Upper

75 100

77 32.3 19.6 58.7





#77

Bromobenzene

Concen: 20.265 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX1126WBS02

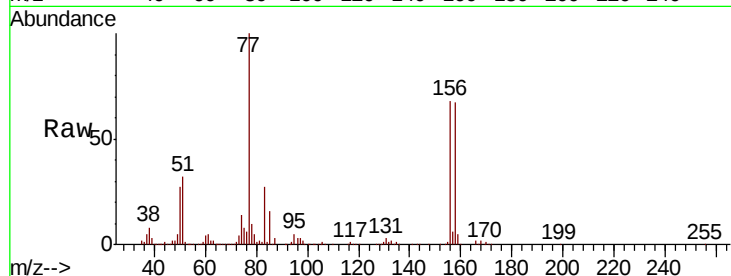
Tot Ion:156 Resp: 69001

Ion Ratio Lower Upper

156 100

77 147.9 74.3 222.8

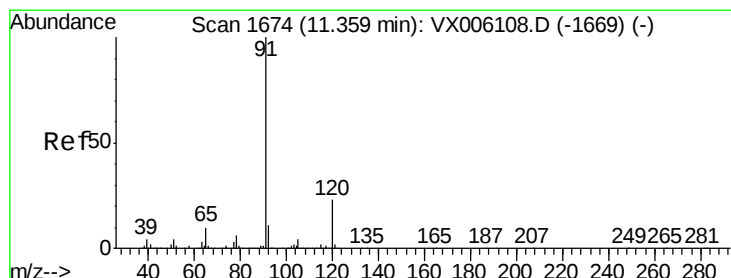
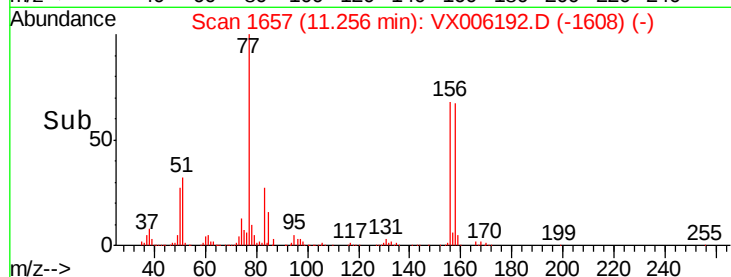
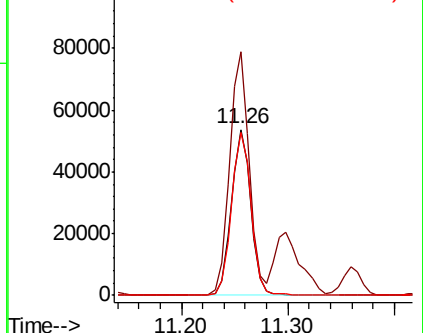
158 99.1 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.206 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006192.D

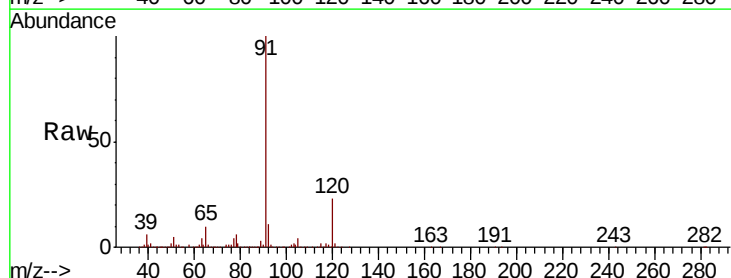
Acq: 26 Nov 2018 23:37

Tgt Ion: 91 Resp: 286023

Ion Ratio Lower Upper

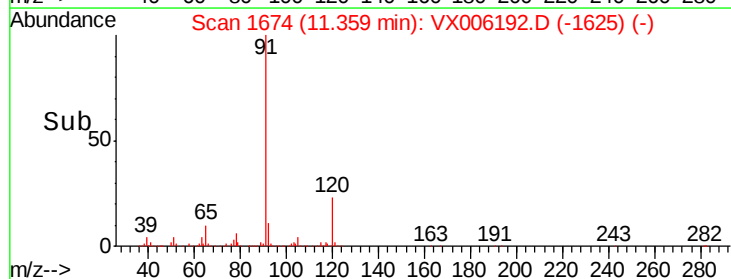
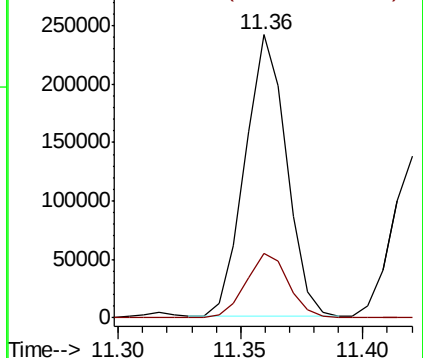
91 100

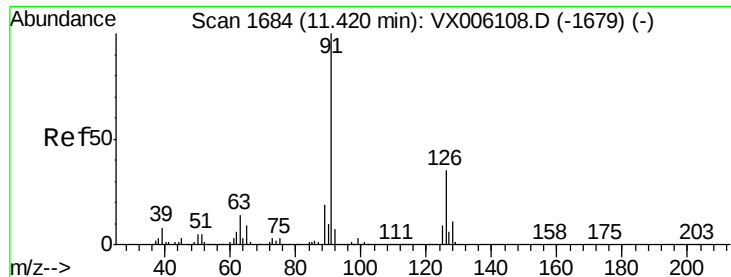
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.477 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

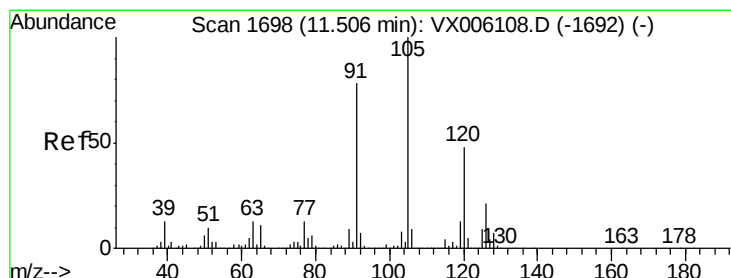
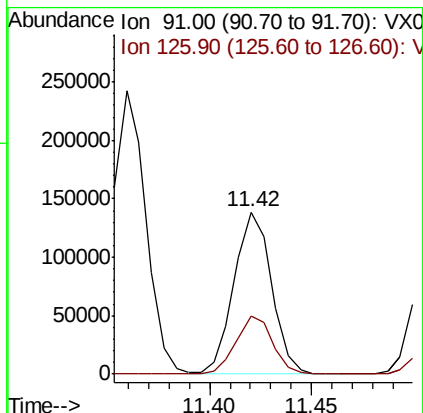
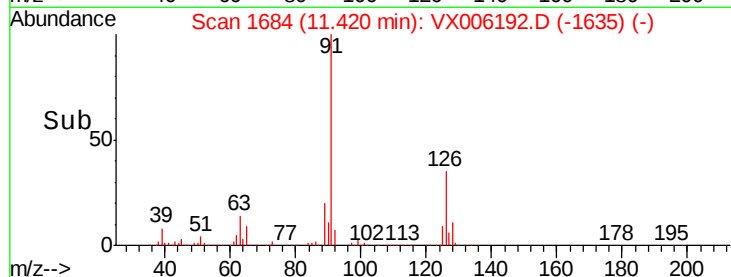
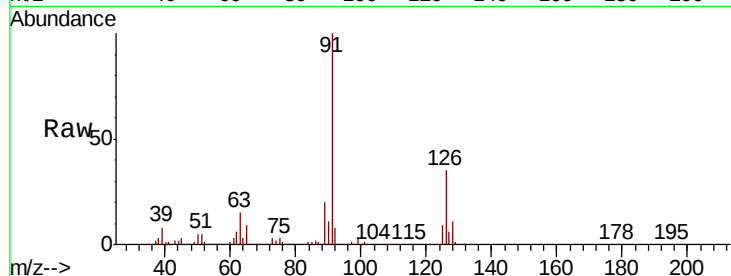
VX1126WBS02

Tot Ion: 91 Resp: 175354

Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 20.461 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006192.D

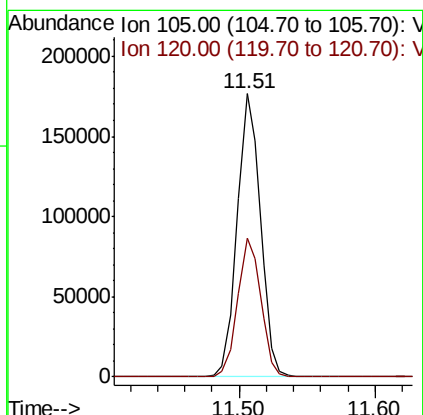
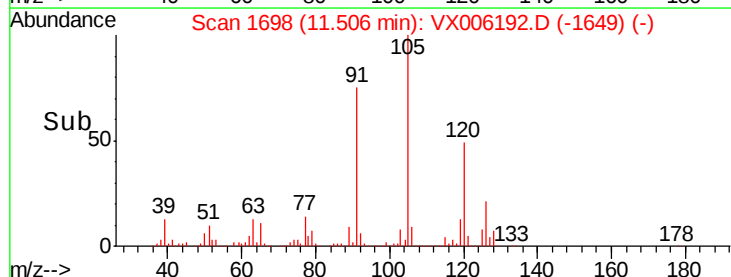
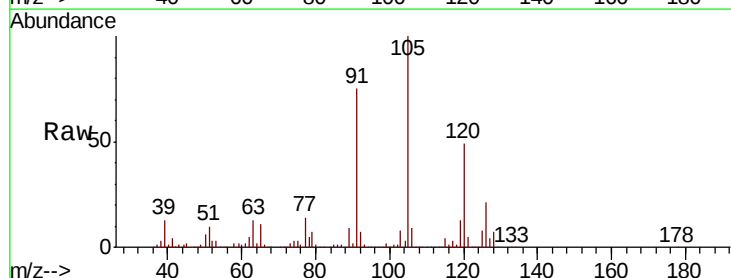
Acq: 26 Nov 2018 23:37

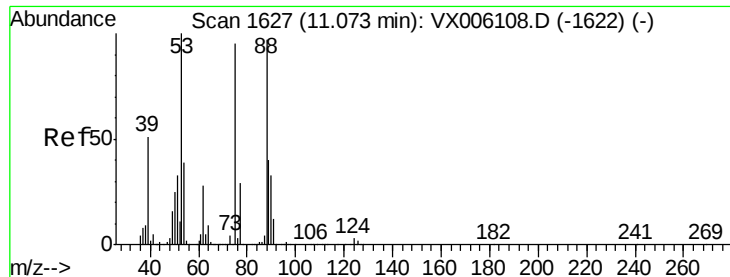
Tgt Ion: 105 Resp: 209682

Ion Ratio Lower Upper

105 100

120 49.1 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.270 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

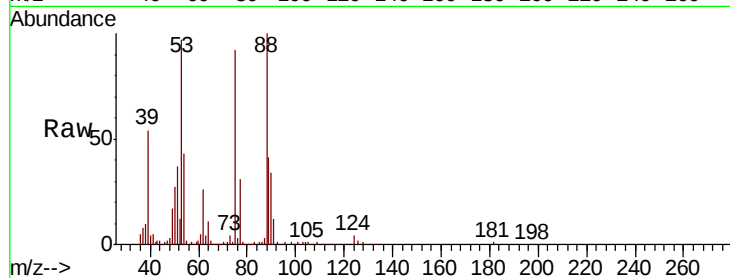
MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 75 Resp: 23564

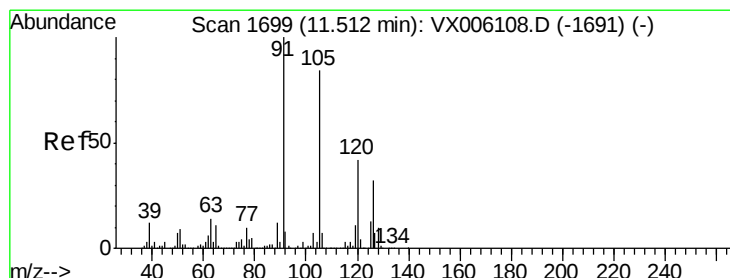
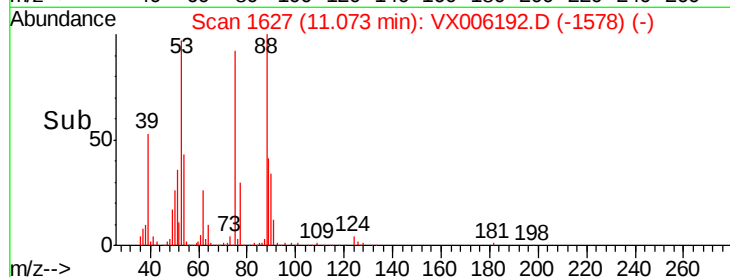
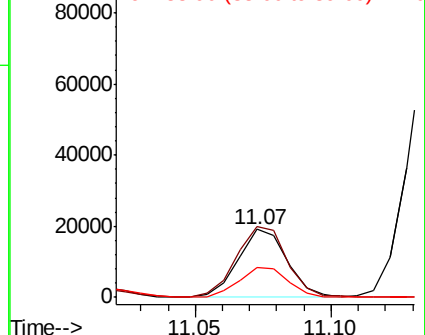
Ion	Ratio	Lower	Upper
75	100		
53	108.1	85.3	127.9
89	46.2	37.2	55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.432 ug/l

RT: 11.51 min Scan# 1699

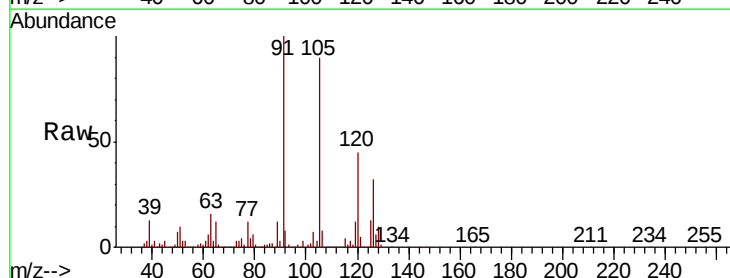
Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

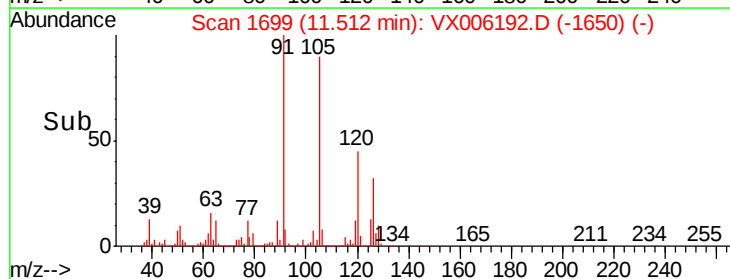
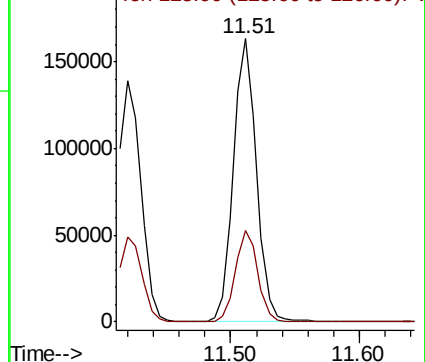
Tgt Ion: 91 Resp: 204189

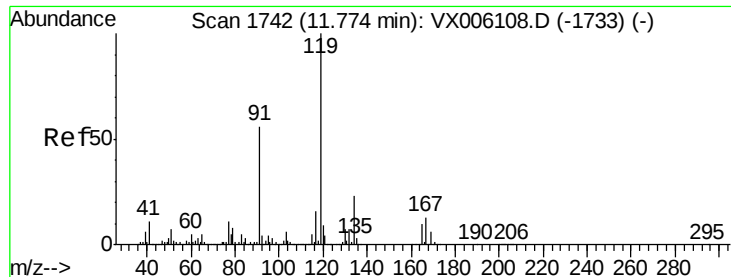
Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.3	45.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.310 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

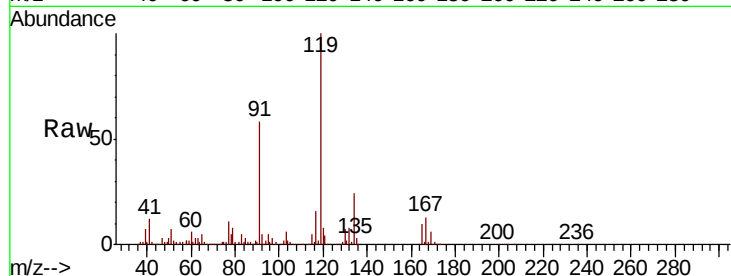
Tot Ion:119 Resp: 203186

Ion Ratio Lower Upper

119 100

91 57.2 28.2 84.6

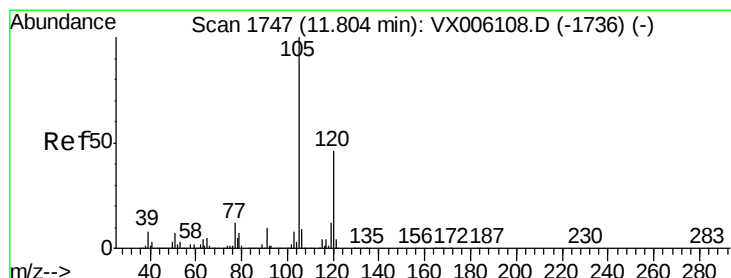
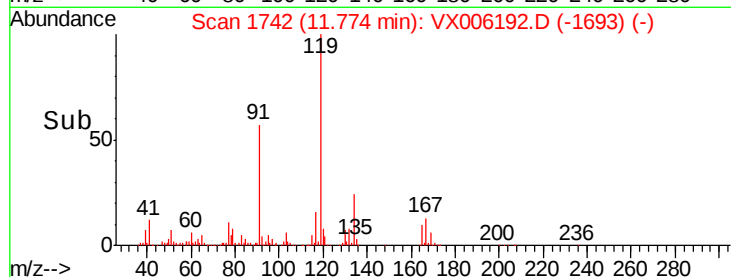
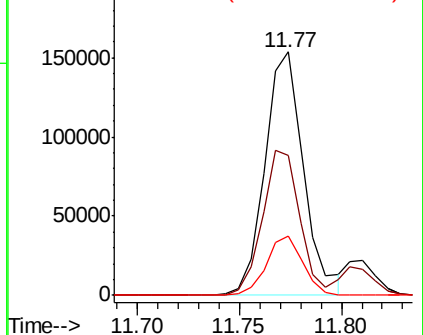
134 23.2 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.232 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006192.D

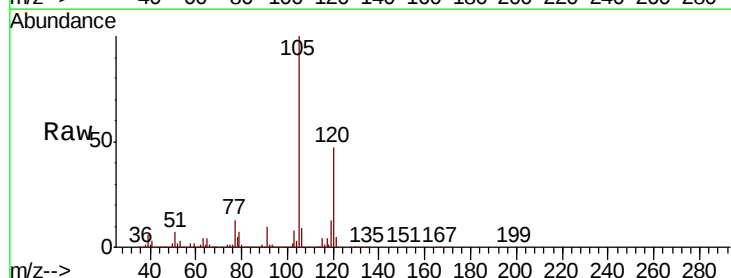
Acq: 26 Nov 2018 23:37

Tgt Ion:105 Resp: 221950

Ion Ratio Lower Upper

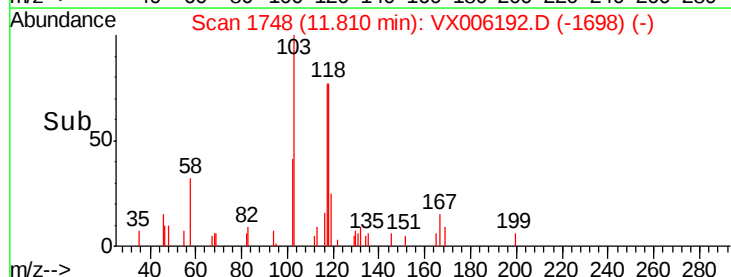
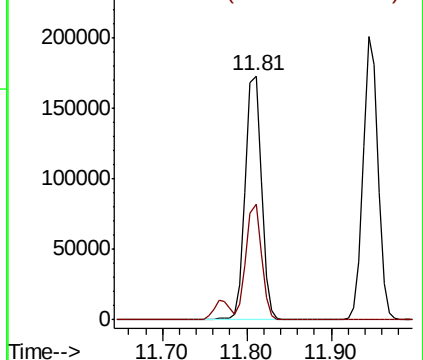
105 100

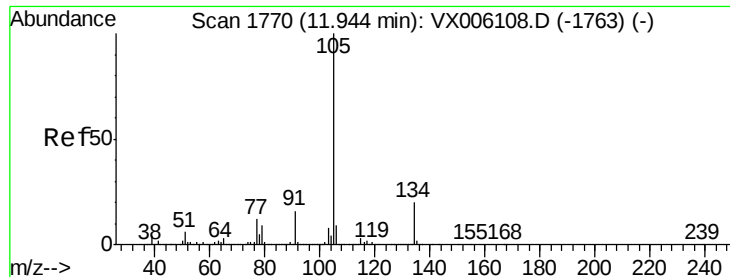
120 45.3 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.233 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

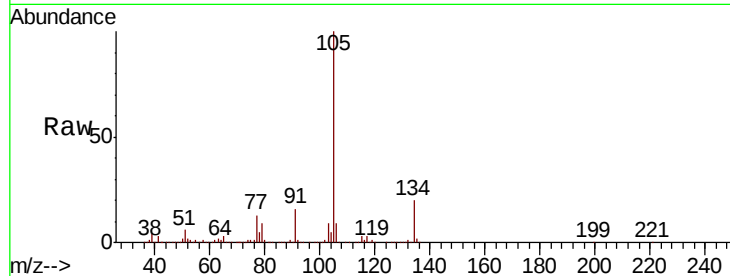
VX1126WBS02

Tot Ion:105 Resp: 247595

Ion Ratio Lower Upper

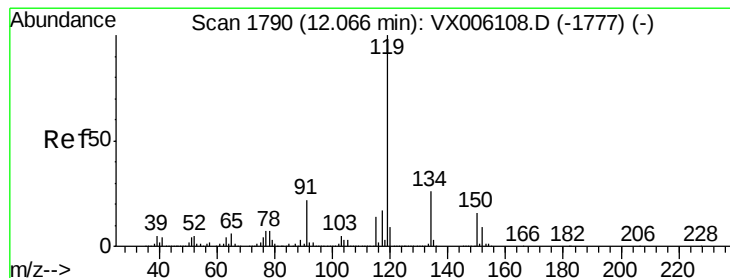
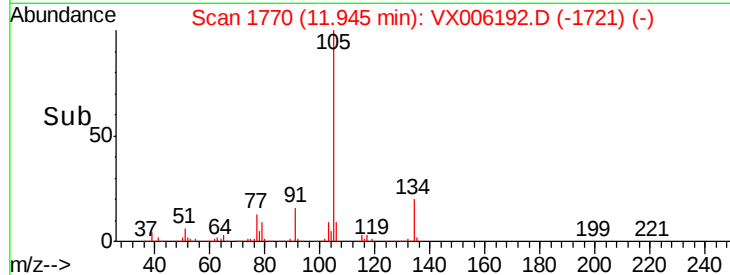
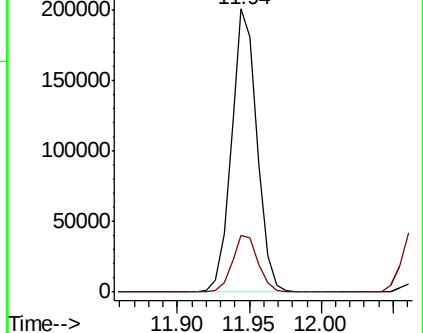
105 100

134 20.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.048 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

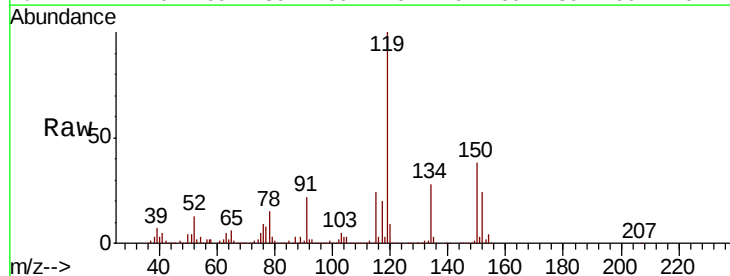
Tgt Ion:119 Resp: 218734

Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

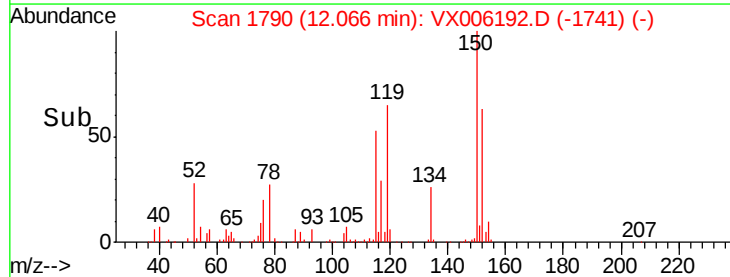
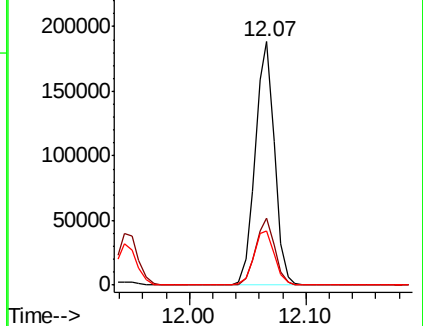
91 23.4 11.3 33.9

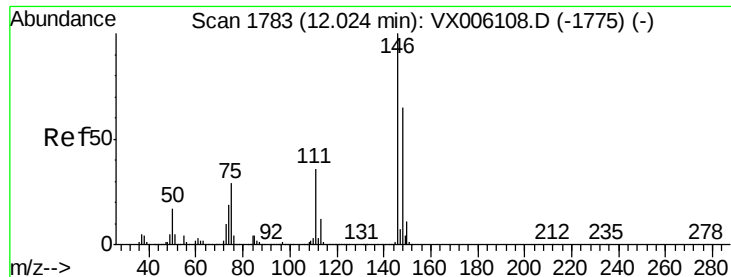


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.899 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX1126WBS02

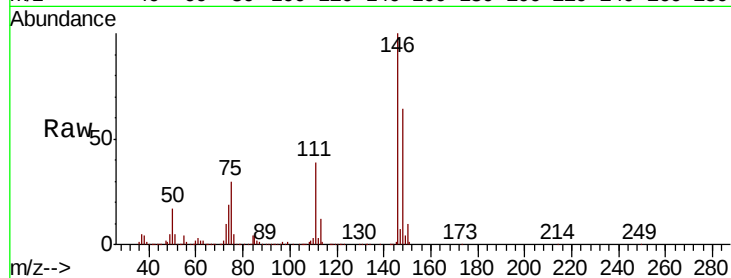
Tot Ion:146 Resp: 124930

Ion Ratio Lower Upper

146 100

111 38.1 18.8 56.3

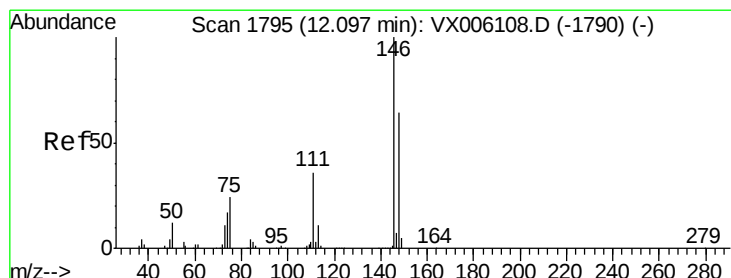
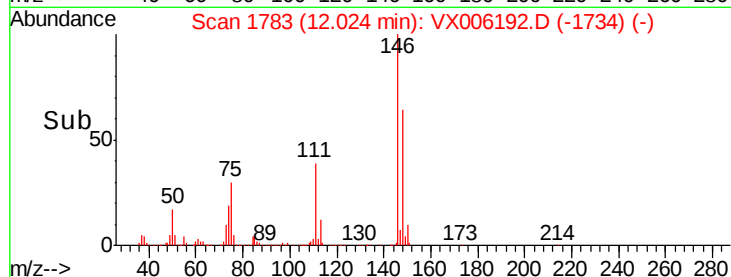
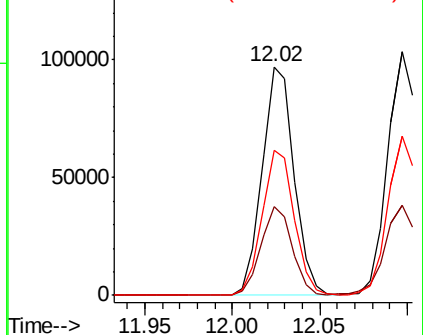
148 63.9 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 19.874 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

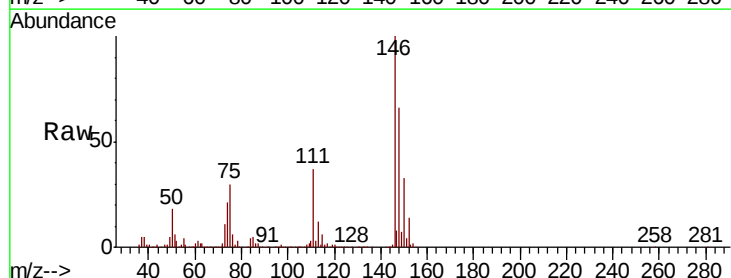
Tgt Ion:146 Resp: 129343

Ion Ratio Lower Upper

146 100

111 38.1 18.3 54.9

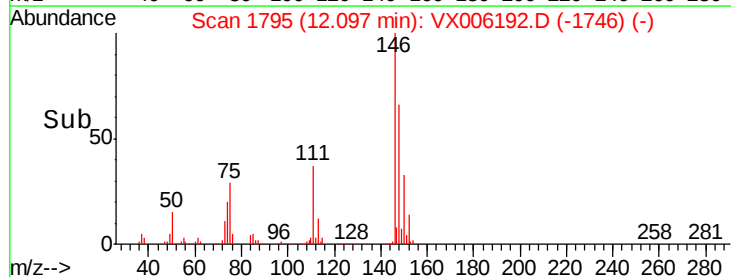
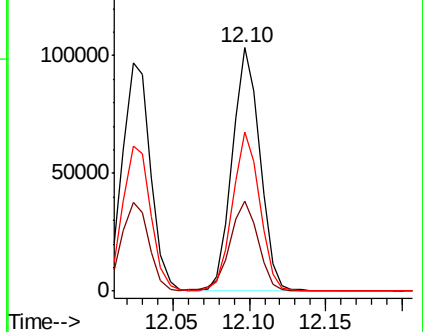
148 64.4 32.2 96.6

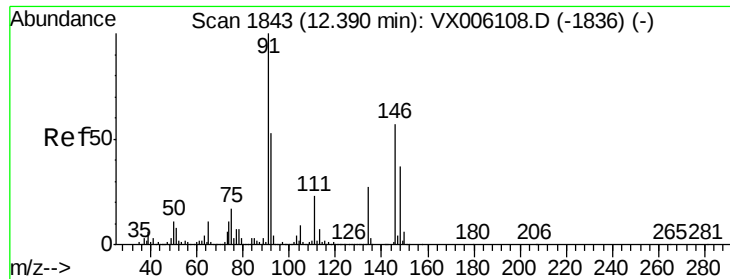


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

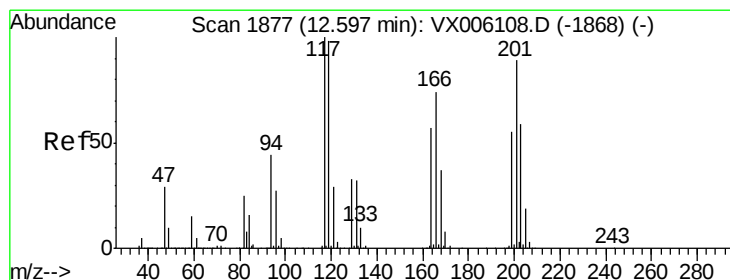
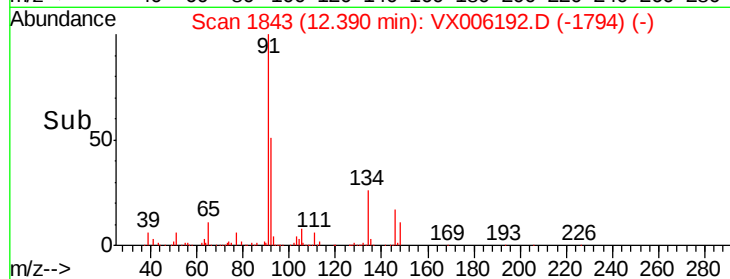
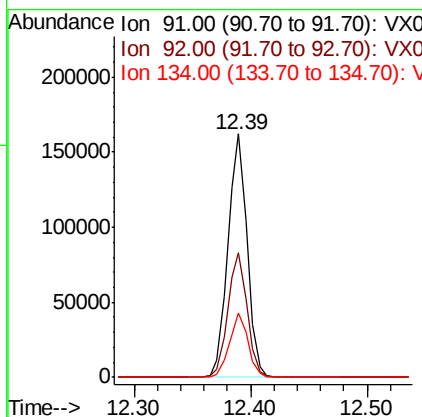
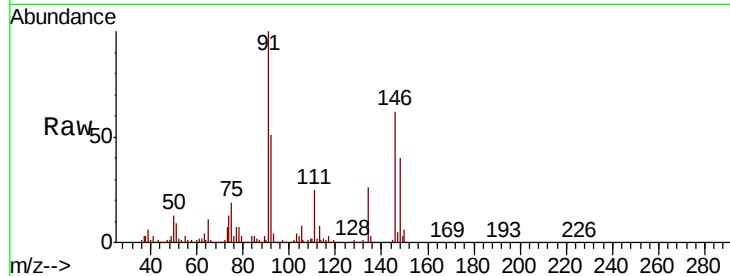




#89
n-Butylbenzene
Concen: 18.761 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

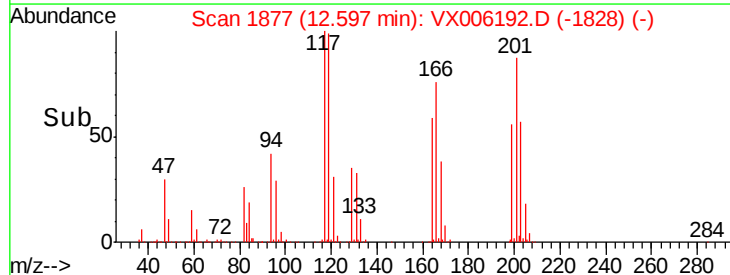
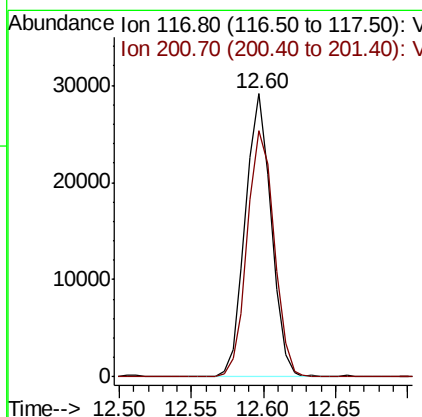
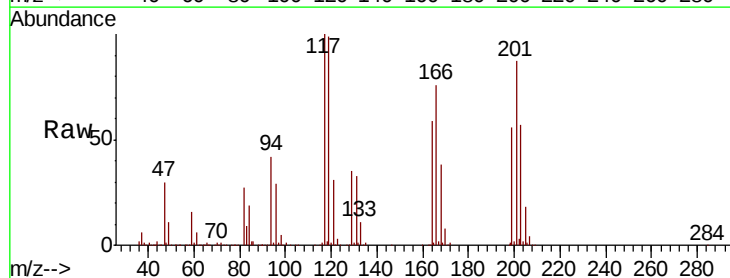
Instrument :
MSVOA_X
ClientSampled :
VX1126WBS02

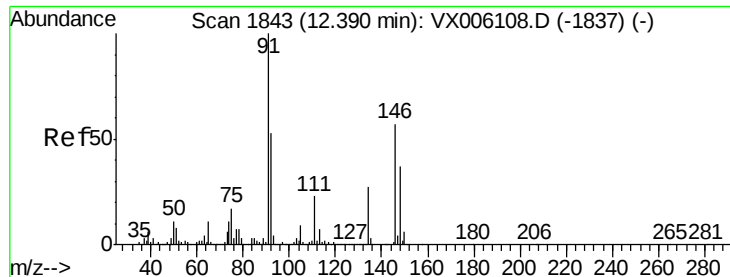
Tot Ion: 91 Resp: 185322
Ion Ratio Lower Upper
91 100
92 51.6 26.6 79.7
134 25.5 13.1 39.3



#90
Hexachloroethane
Concen: 20.873 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion: 117 Resp: 36342
Ion Ratio Lower Upper
117 100
201 89.8 46.1 138.2





#91

1,2-Dichlorobenzene

Concen: 19.827 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

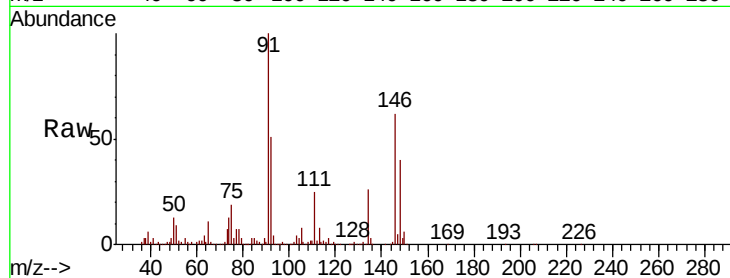
Tot Ion:146 Resp: 127258

Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.8

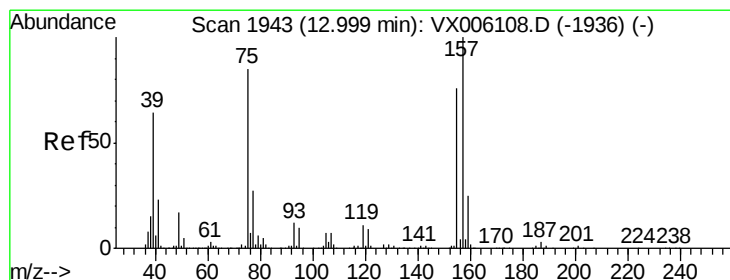
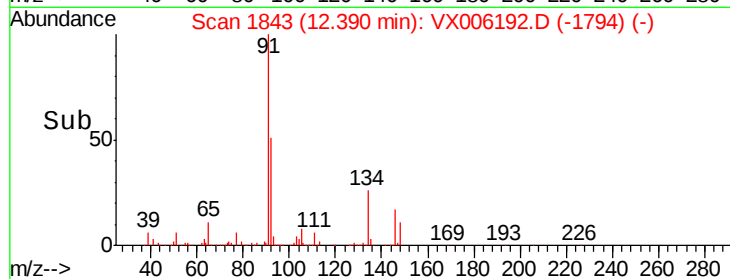
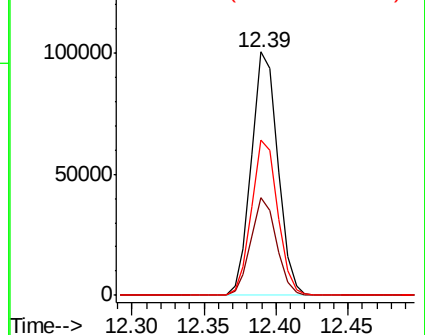
148 63.3 32.0 96.0



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: 20.635 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

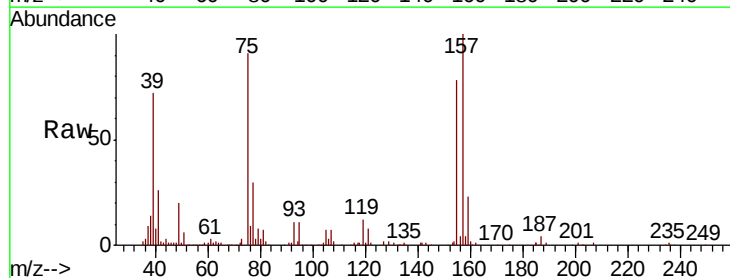
Tgt Ion: 75 Resp: 21933

Ion Ratio Lower Upper

75 100

155 91.5 46.1 138.3

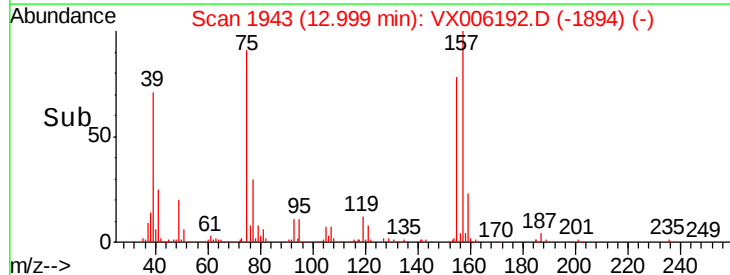
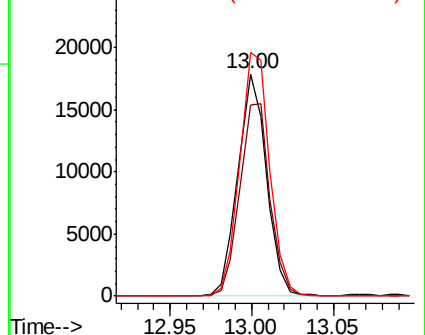
157 114.6 59.8 179.3

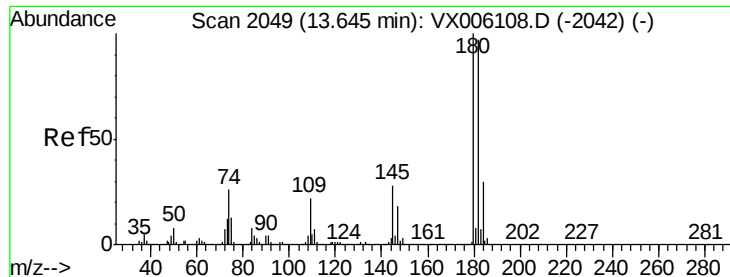


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

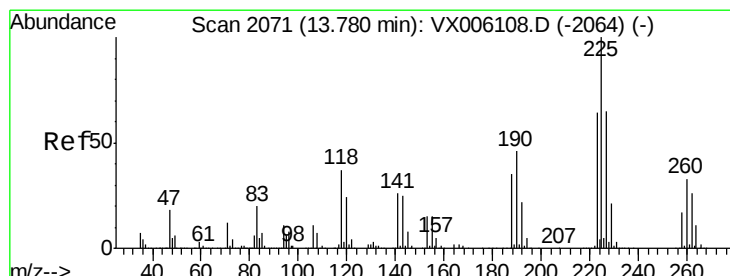
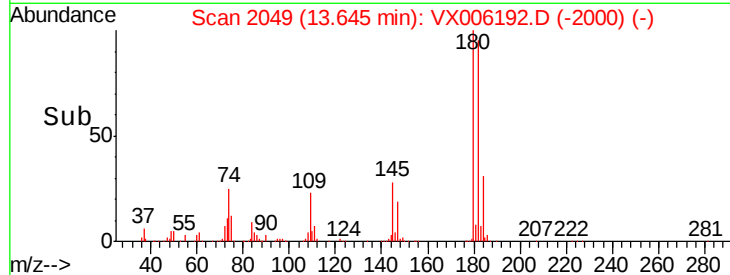
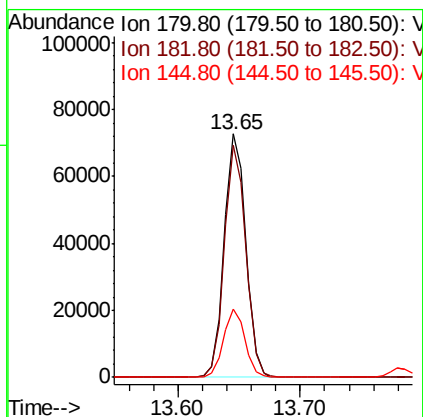
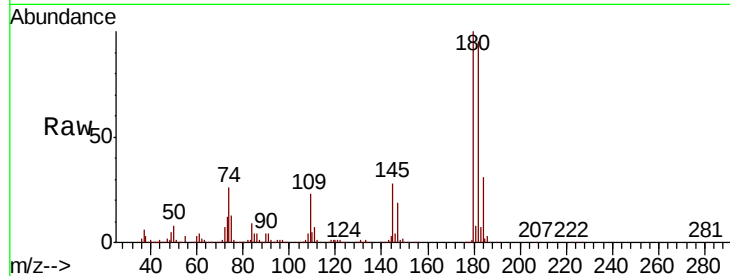




#93
 1,2,4-Trichlorobenzene
 Concen: 19.595 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

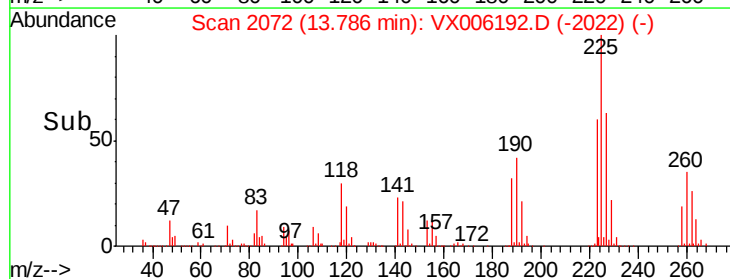
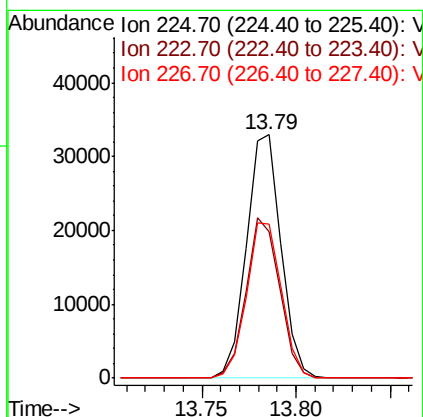
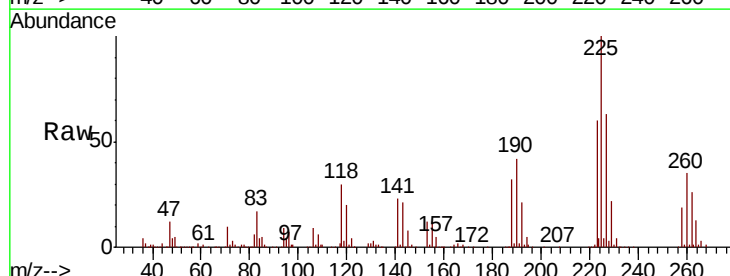
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

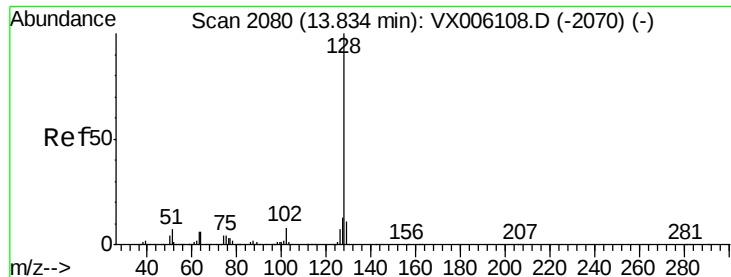
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.2	144.6
145	27.6	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 18.967 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.2	93.6
227	64.9	32.4	97.2





#95

Naphthalene

Concen: 20.852 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

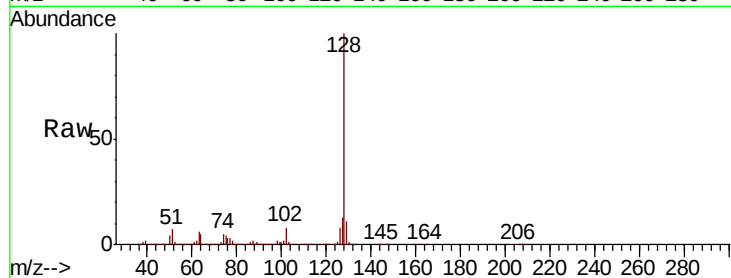
Tot Ion:128 Resp: 277246

Ion Ratio Lower Upper

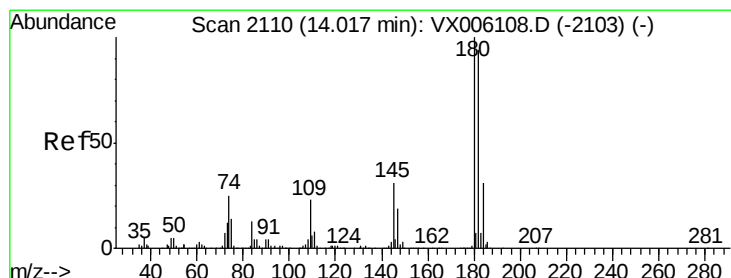
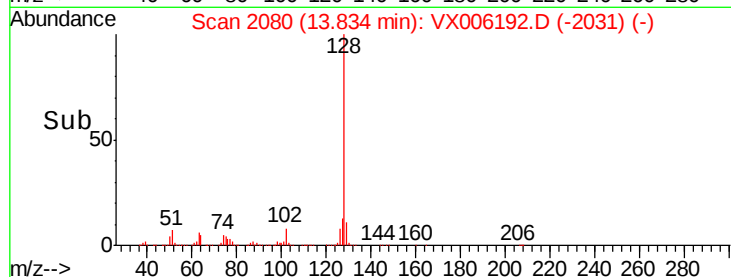
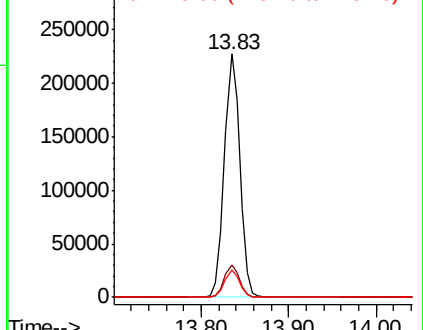
128 100

127 13.2 10.6 15.8

129 10.7 8.8 13.2



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: 19.872 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

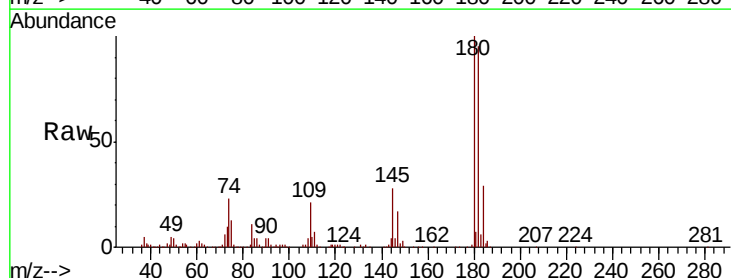
Tgt Ion:180 Resp: 91605

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.5

145 30.4 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

