

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005796.D
 Acq On : 05 Nov 2018 23:10
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 00:49:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	148459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	240314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	216498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116142	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	101715	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
35) Dibromofluoromethane	5.51	113	78583	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
50) Toluene-d8	8.71	98	290166	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.14	95	106363	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	87507	51.024	ug/l	98
3) Chloromethane	1.32	50	98195	48.541	ug/l	96
4) Vinyl Chloride	1.41	62	99491	47.272	ug/l	99
5) Bromomethane	1.64	94	88166	33.760	ug/l	100
6) Chloroethane	1.71	64	61093	45.479	ug/l	96
7) Trichlorofluoromethane	1.92	101	128219	47.463	ug/l	97
8) Diethyl Ether	2.19	74	55791	45.946	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75763	46.171	ug/l	92
10) Methyl Iodide	2.51	142	85704	53.516	ug/l	99
11) Tert butyl alcohol	3.07	59	143916	244.154	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73318	45.853	ug/l	96
13) Acrolein	2.29	56	84758	203.360	ug/l	97
14) Allyl chloride	2.73	41	156195	47.241	ug/l	98
15) Acrylonitrile	3.15	53	313355	241.752	ug/l	99
16) Acetone	2.45	43	270120	241.725	ug/l	98
17) Carbon Disulfide	2.57	76	199267	40.555	ug/l	100
18) Methyl Acetate	2.78	43	158731	50.957	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	280947	50.760	ug/l	93
20) Methylene Chloride	2.86	84	89661	47.903	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	77634	45.884	ug/l	94
22) Diisopropyl ether	3.87	45	303136	49.425	ug/l	# 90
23) Vinyl Acetate	3.82	43	1284444	240.435	ug/l	99
24) 1,1-Dichloroethane	3.70	63	163349	47.100	ug/l	99
25) 2-Butanone	4.70	43	421376	230.142	ug/l	92
26) 2,2-Dichloropropane	4.59	77	97347	37.550	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	88205	46.394	ug/l	100
28) Bromochloromethane	5.02	49	80079	47.329	ug/l	91
29) Tetrahydrofuran	5.15	42	269096	240.794	ug/l	93
30) Chloroform	5.21	83	152050	44.843	ug/l	95
31) Cyclohexane	5.57	56	134242	46.288	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	127694	47.056	ug/l	96
36) 1,1-Dichloropropene	5.80	75	116350	45.443	ug/l	95
37) Ethyl Acetate	4.85	43	150324	46.020	ug/l	97
38) Carbon Tetrachloride	5.78	117	101898	44.051	ug/l	90

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	125493	46.997	ug/l	99
40) Benzene	6.14	78	349514	45.885	ug/l	97
41) Methacrylonitrile	5.06	41	81621	46.245	ug/l	95
42) 1,2-Dichloroethane	6.20	62	125431	44.550	ug/l	99
43) Isopropyl Acetate	6.46	43	222153	46.858	ug/l	97
44) Trichloroethene	7.21	130	83928	47.641	ug/l	88
45) 1,2-Dichloropropane	7.51	63	98206	50.311	ug/l	98
46) Dibromomethane	7.66	93	55213	44.260	ug/l	91
47) Bromodichloromethane	7.90	83	108052	46.177	ug/l	99
48) Methyl methacrylate	7.77	41	110371	48.100	ug/l	97
49) 1,4-Dioxane	7.76	88	49283	964.513	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	780738	241.510	ug/l	96
52) Toluene	8.79	92	194432	47.192	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	117716	46.421	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	130272	47.949	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	83584	46.714	ug/l	95
56) Ethyl methacrylate	9.18	69	134373	44.526	ug/l	98
57) 1,3-Dichloropropane	9.37	76	144773	47.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	394937	229.815	ug/l	95
59) 2-Hexanone	9.49	43	622672	236.685	ug/l	96
60) Dibromochloromethane	9.59	129	80200	46.386	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86254	47.309	ug/l	100
64) Tetrachloroethene	9.34	164	77913	49.259	ug/l	98
65) Chlorobenzene	10.14	112	214324	46.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	74776	47.479	ug/l	98
67) Ethyl Benzene	10.25	91	381760	48.622	ug/l	99
68) m/p-Xylenes	10.36	106	285604	97.891	ug/l	96
69) o-Xylene	10.70	106	137082	49.126	ug/l	95
70) Styrene	10.71	104	236873	51.109	ug/l	98
71) Bromoform	10.86	173	61259	48.006	ug/l	99
73) Isopropylbenzene	11.02	105	378476	49.395	ug/l	99
74) N-amyl acetate	10.90	43	196793	48.240	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	146569	46.107	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	170384	58.902	ug/l	85
77) Bromobenzene	11.26	156	91792	48.292	ug/l	88
78) n-propylbenzene	11.36	91	457485	49.080	ug/l	96
79) 2-Chlorotoluene	11.42	91	267433	48.037	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	324698	49.907	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40842	45.618	ug/l	97
82) 4-Chlorotoluene	11.51	91	319920	48.134	ug/l	96
83) tert-Butylbenzene	11.77	119	308035	49.622	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	332415	50.598	ug/l	98
85) sec-Butylbenzene	11.94	105	389406	48.902	ug/l	97
86) p-Isopropyltoluene	12.07	119	337271	49.801	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	173046	47.084	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	178569	45.227	ug/l	98
89) n-Butylbenzene	12.39	91	324078	47.429	ug/l	98
90) Hexachloroethane	12.60	117	54938	45.724	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	177465	46.220	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34990	46.929	ug/l	89

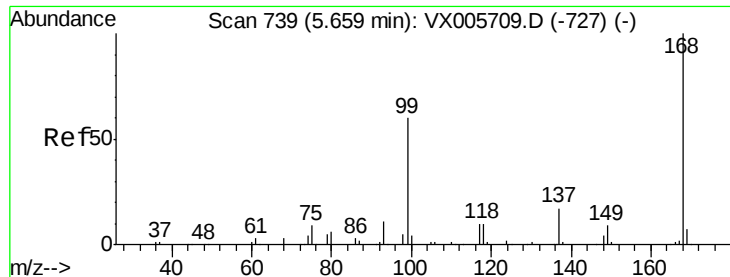
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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121763	49.445	ug/l	99
94) Hexachlorobutadiene	13.79	225	55858	46.886	ug/l	100
95) Naphthalene	13.83	128	427881	52.833	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126503	50.459	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

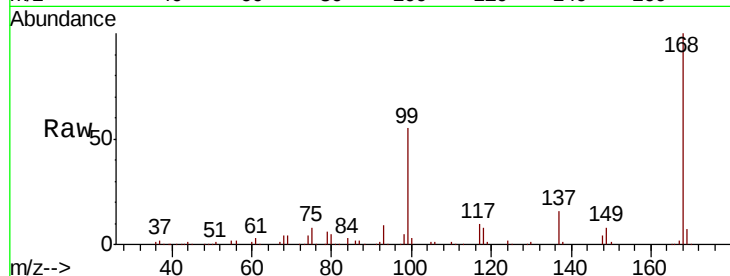
ClientSampleId :

Tot Ion:168 Resp: 148459

Ion Ratio Lower Upper

168 100

99 55.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

20000

10000

0

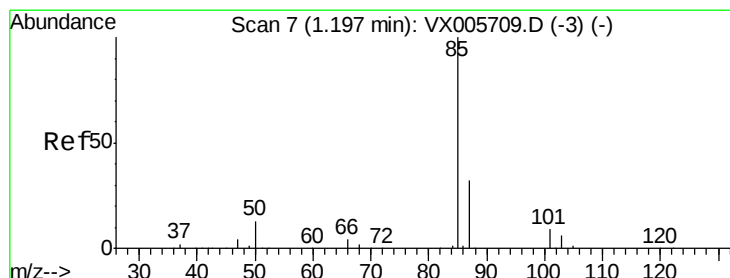
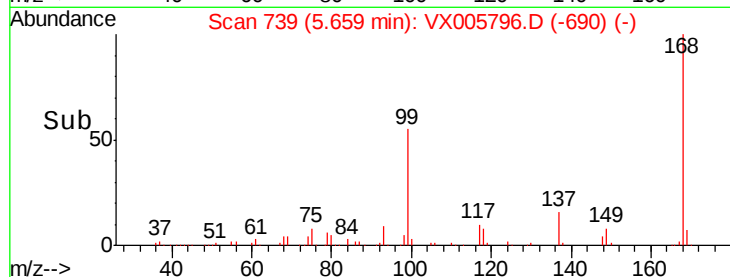
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 51.024 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005796.D

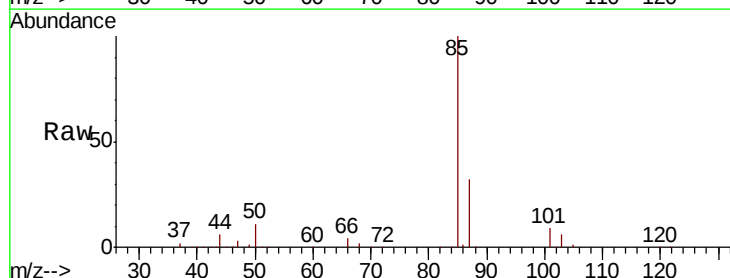
Acq: 05 Nov 2018 23:10

Tgt Ion: 85 Resp: 87507

Ion Ratio Lower Upper

85 100

87 31.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

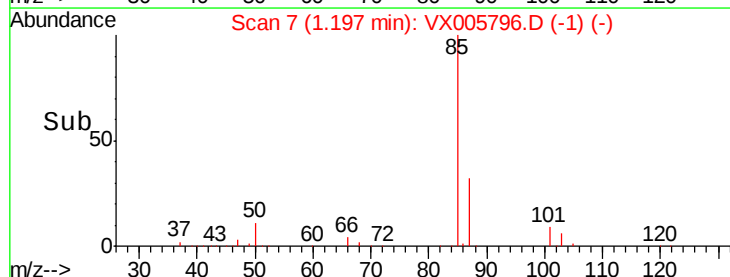
Time-->

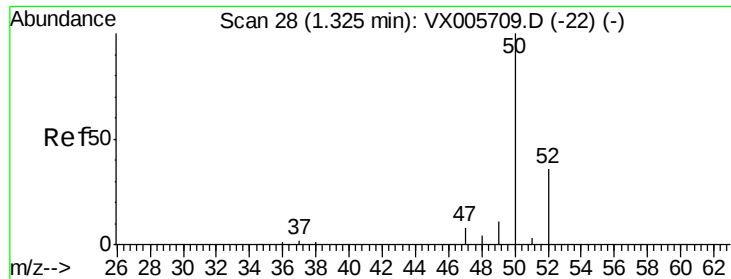
1.15

1.20

1.25

1.30

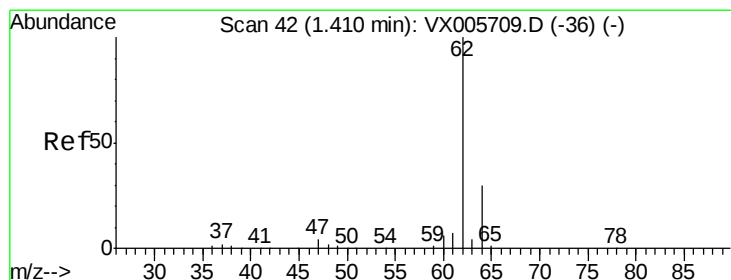
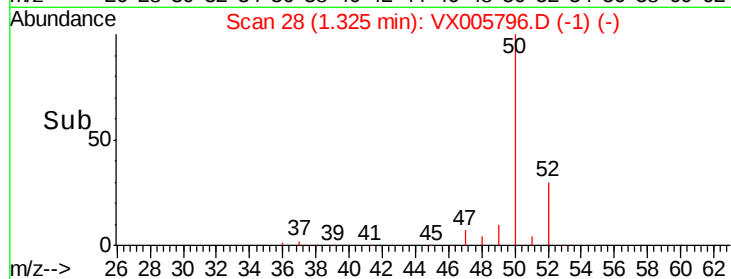
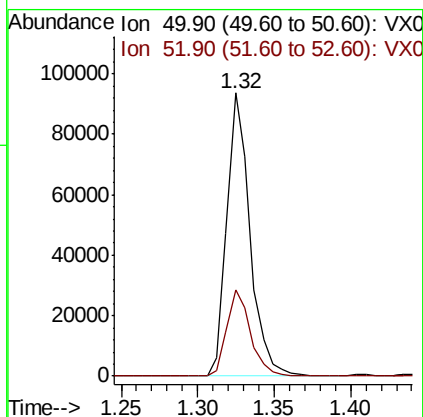
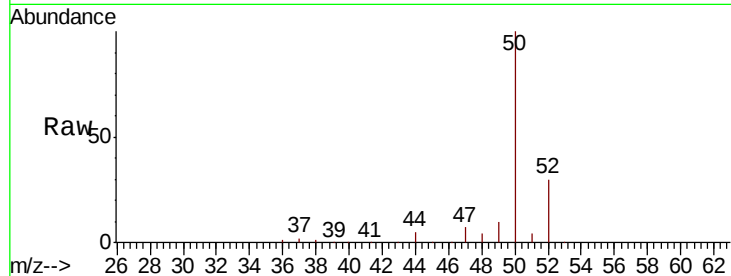




#3
Chloromethane
Concen: 48.541 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

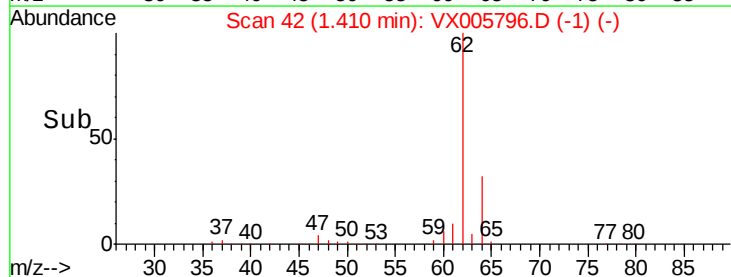
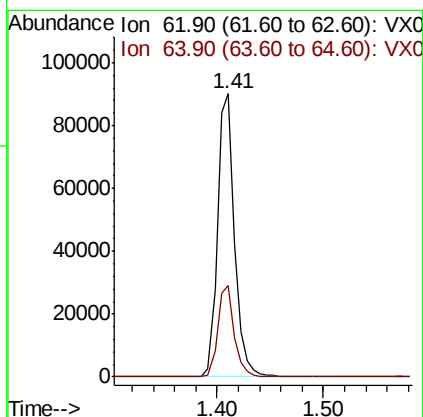
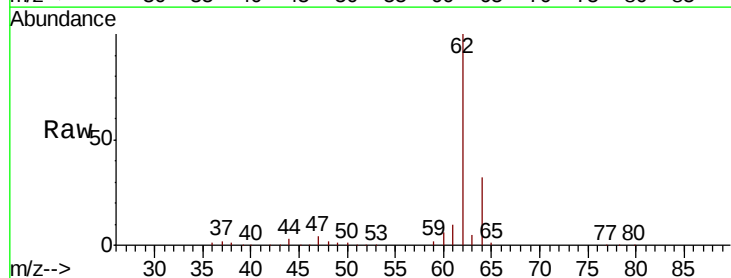
Instrument :
MSVOA_X
ClientSampleId :

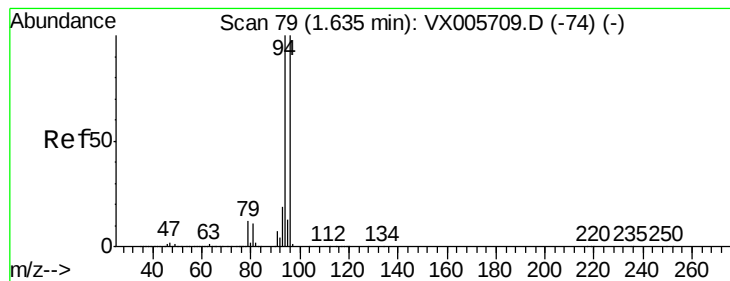
Tot Ion: 50 Resp: 98195
Ion Ratio Lower Upper
50 100
52 30.5 26.2 39.2



#4
Vinyl Chloride
Concen: 47.272 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 62 Resp: 99491
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5

Bromomethane

Concen: 33.760 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

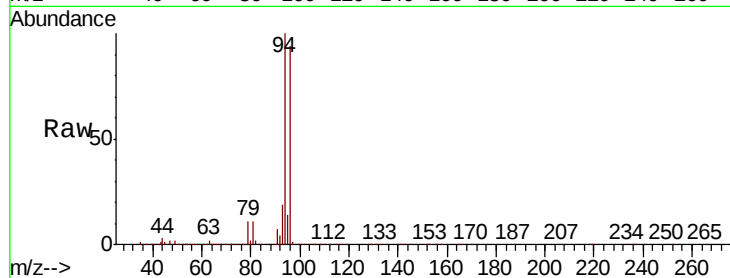
ClientSampled :

Tot Ion: 94 Resp: 88166

Ion Ratio Lower Upper

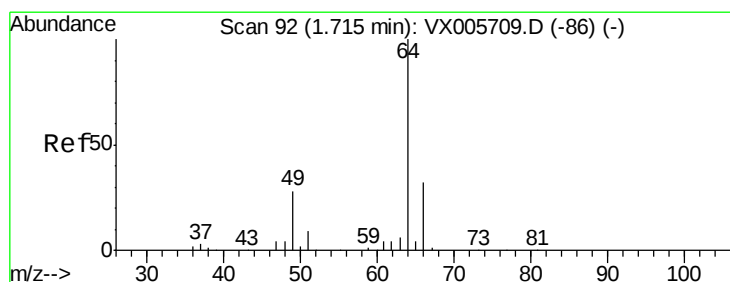
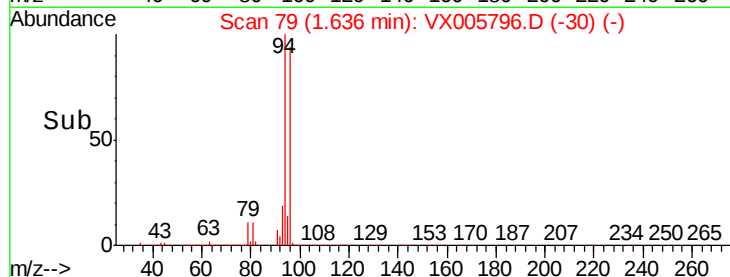
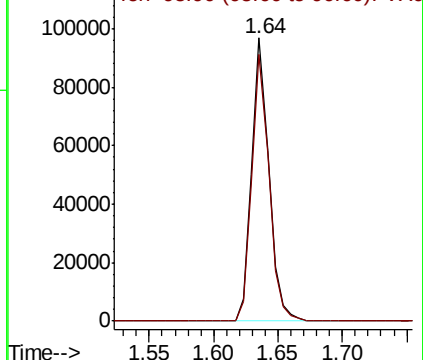
94 100

96 94.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.479 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005796.D

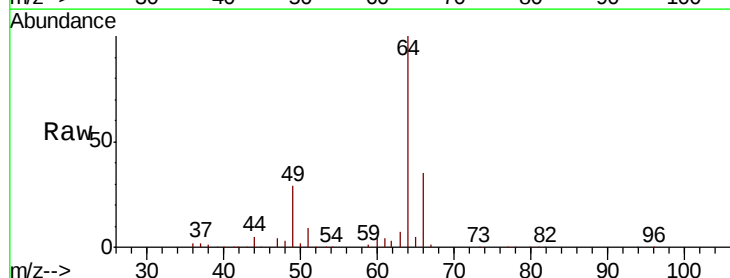
Acq: 05 Nov 2018 23:10

Tgt Ion: 64 Resp: 61093

Ion Ratio Lower Upper

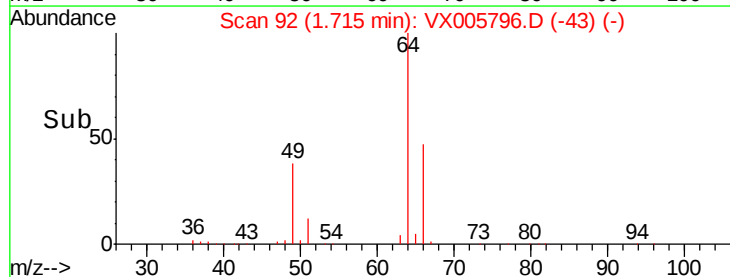
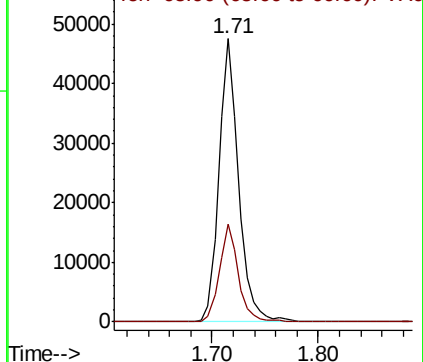
64 100

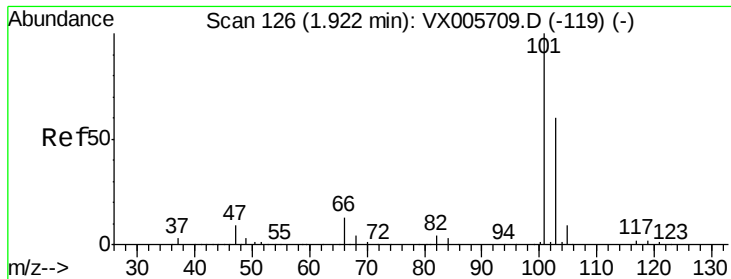
66 34.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



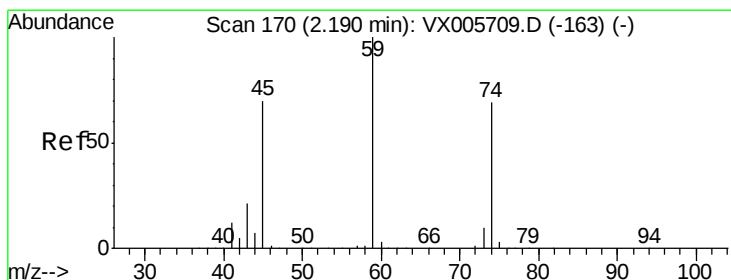
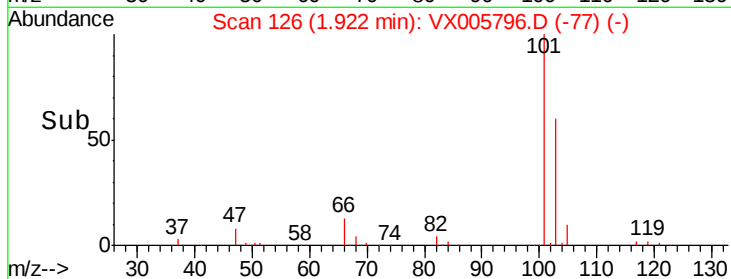
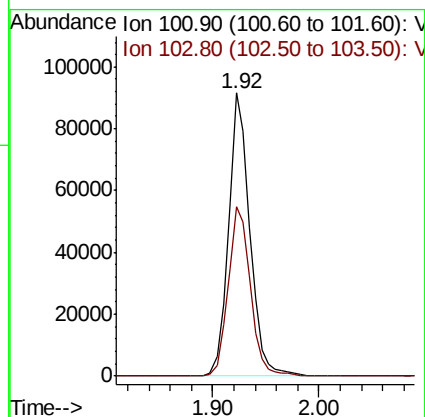
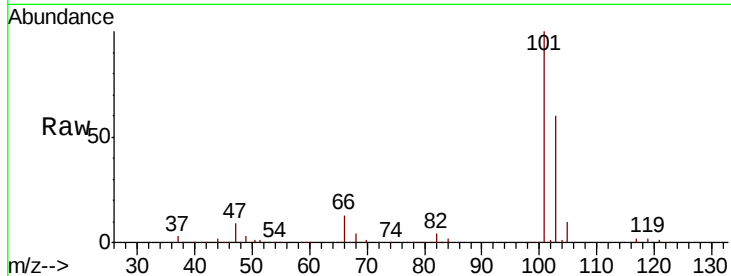


#7

Trichlorofluoromethane
 Concen: 47.463 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :

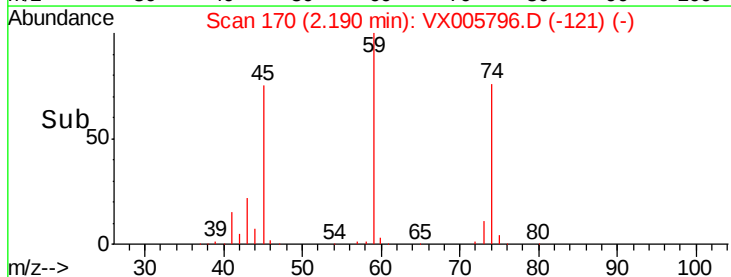
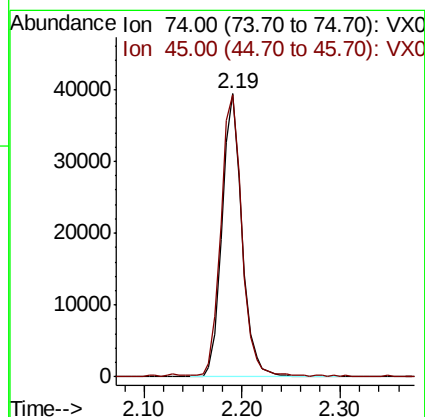
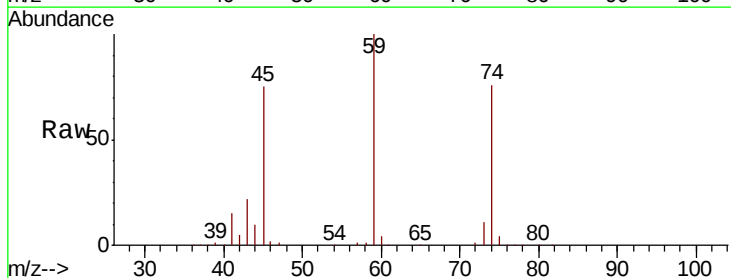
Tot Ion:101 Resp: 128219
 Ion Ratio Lower Upper
 101 100
 103 59.9 50.0 75.0

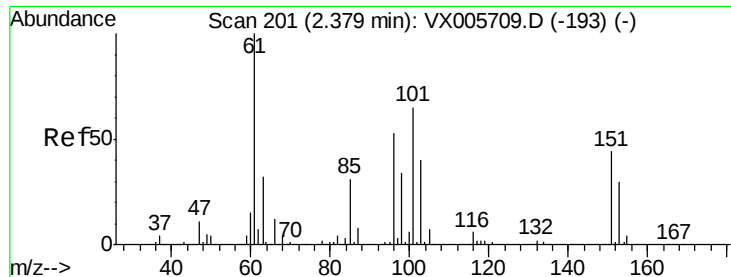


#8

Diethyl Ether
 Concen: 45.946 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion: 74 Resp: 55791
 Ion Ratio Lower Upper
 74 100
 45 104.0 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.171 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

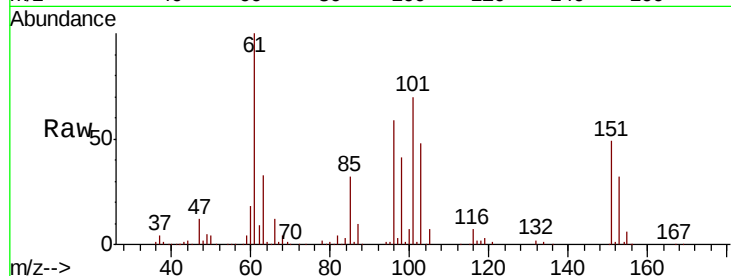
Tot Ion:101 Resp: 75763

Ion Ratio Lower Upper

101 100

85 44.9 35.0 52.4

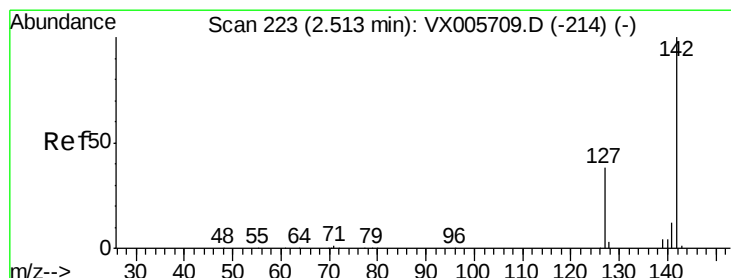
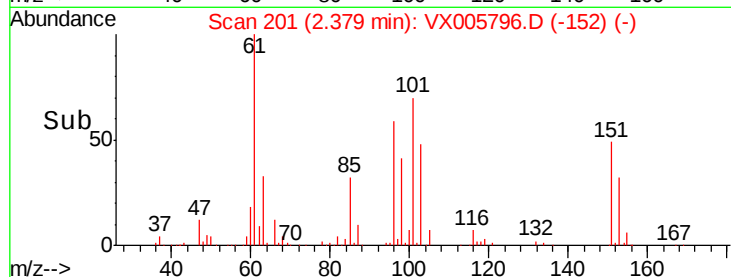
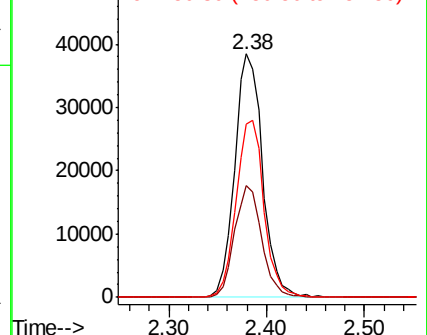
151 72.8 66.2 99.2



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: 53.516 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

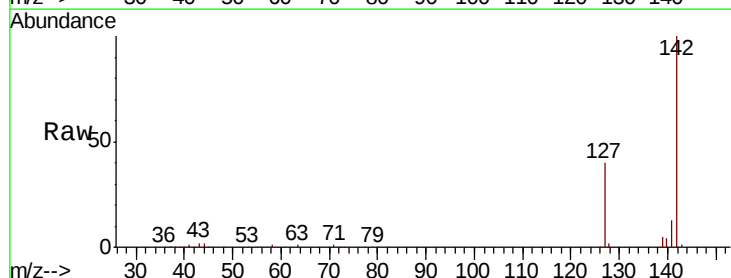
Tgt Ion:142 Resp: 85704

Ion Ratio Lower Upper

142 100

127 44.2 36.0 54.0

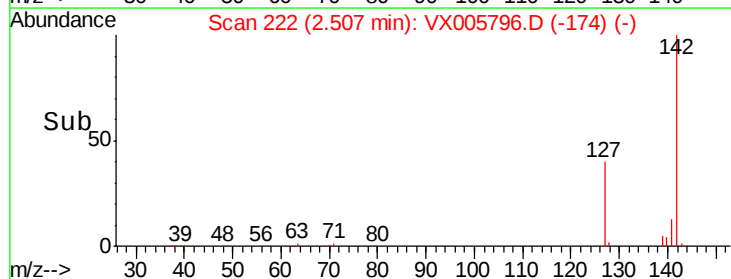
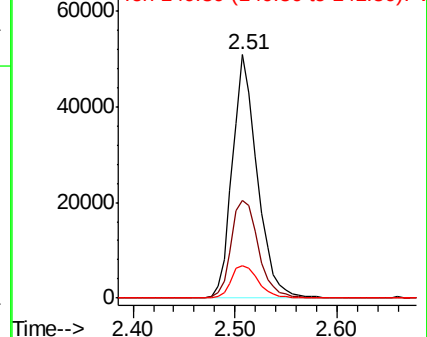
141 14.6 11.7 17.5

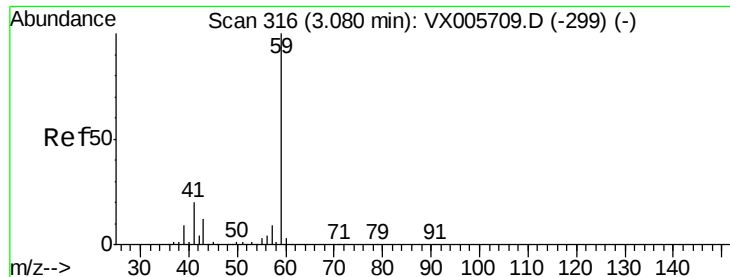


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

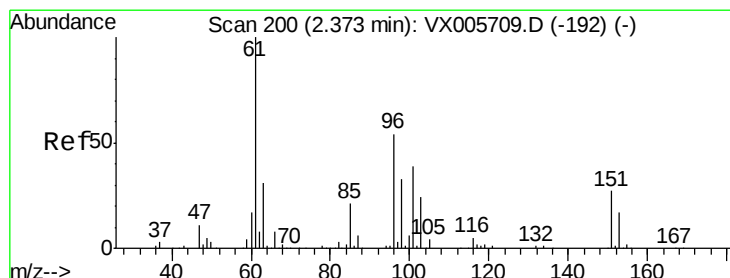
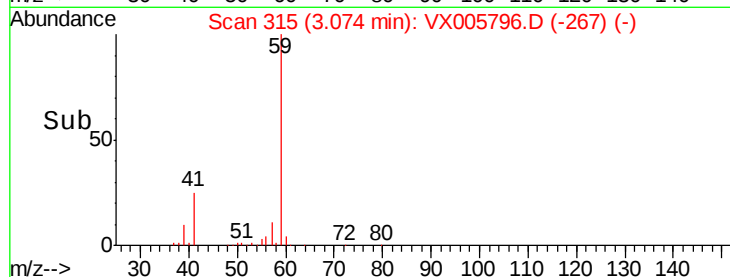
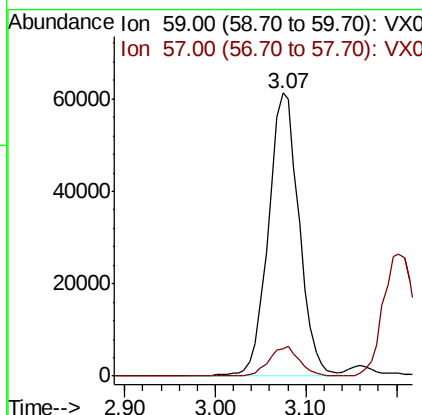
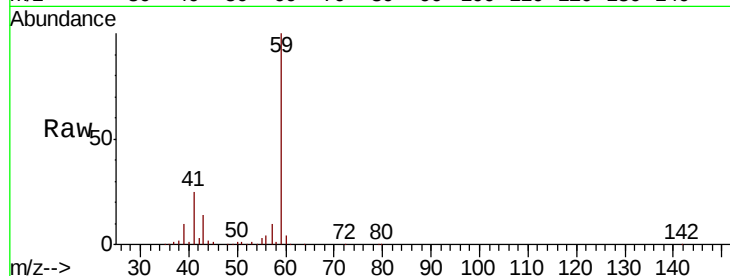




#11
Tert butyl alcohol
Concen: 244.154 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

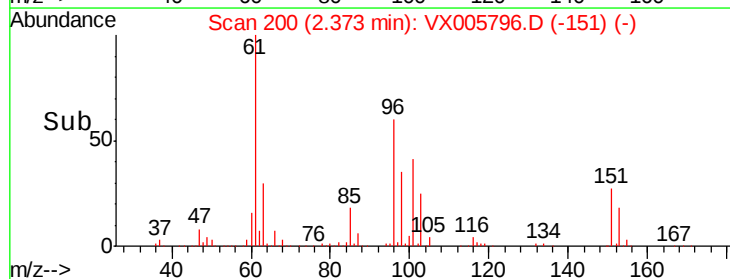
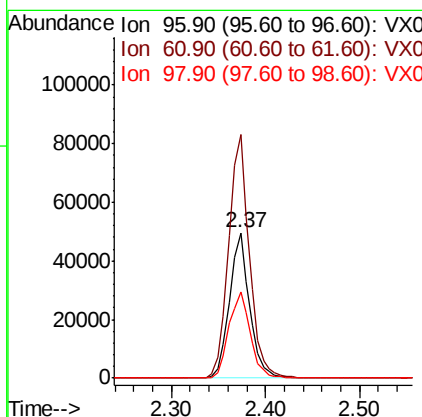
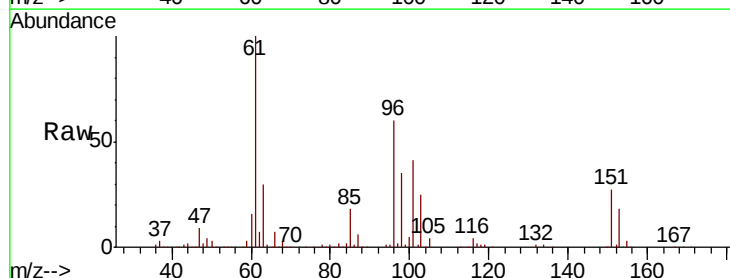
Instrument :
MSVOA_X
ClientSampleId :

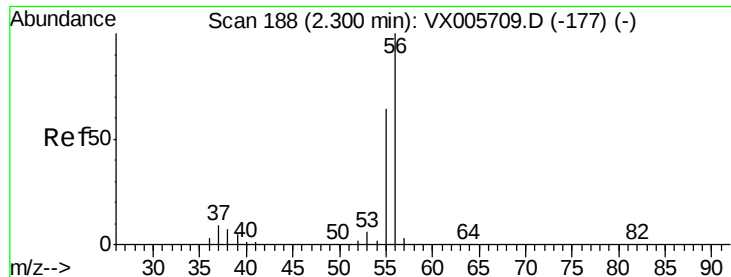
Tot Ion: 59 Resp: 143916
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#12
1,1-Dichloroethene
Concen: 45.853 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 96 Resp: 73318
Ion Ratio Lower Upper
96 100
61 167.8 131.8 197.8
98 59.1 53.4 80.2





#13

Acrolein

Concen: 203.360 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

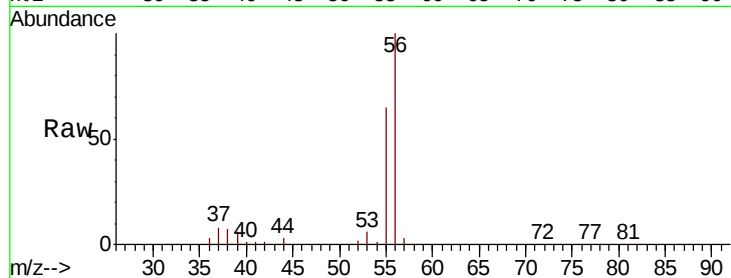
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 84758

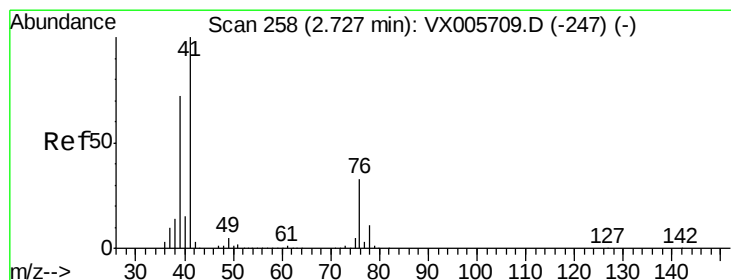
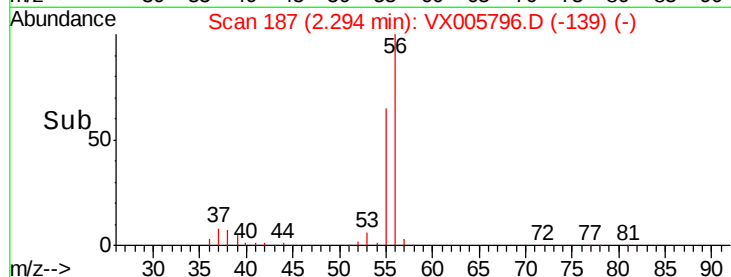
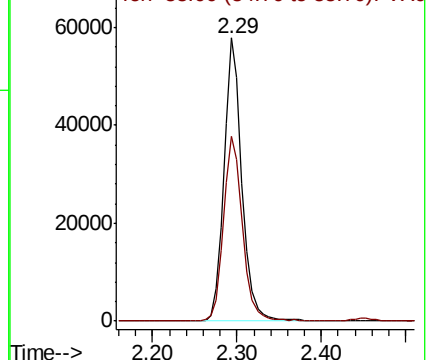
Ion Ratio Lower Upper

56 100

55 69.4 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.241 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

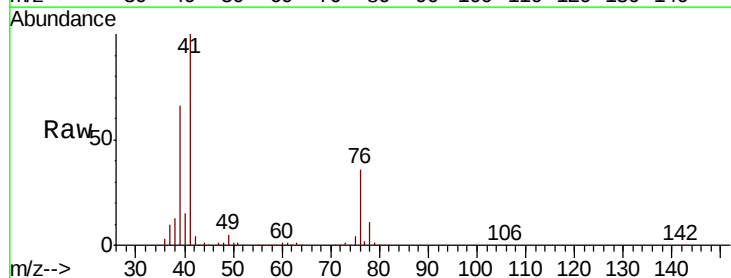
Tgt Ion: 41 Resp: 156195

Ion Ratio Lower Upper

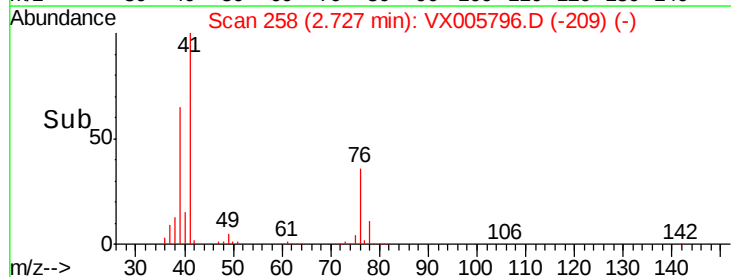
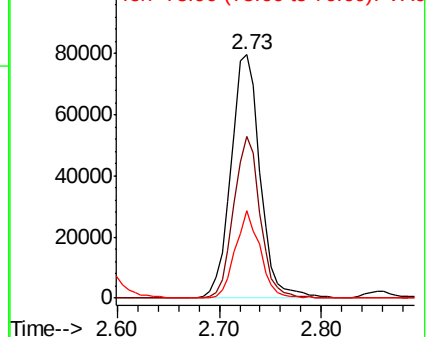
41 100

39 60.4 48.2 72.4

76 30.9 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 241.752 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

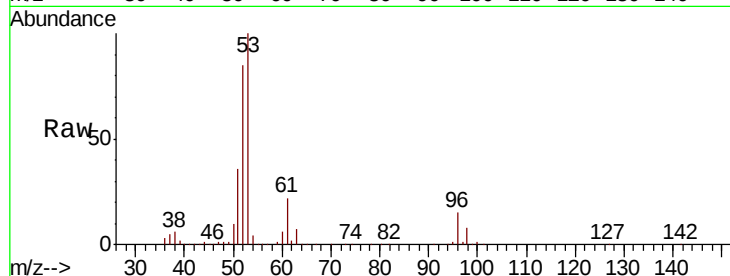
Tot Ion: 53 Resp: 313355

Ion Ratio Lower Upper

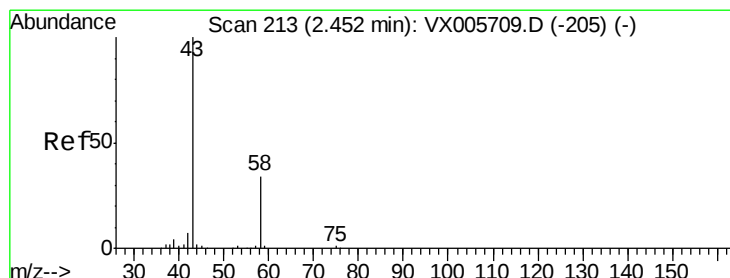
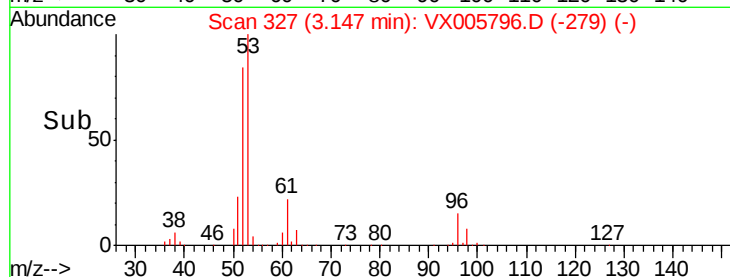
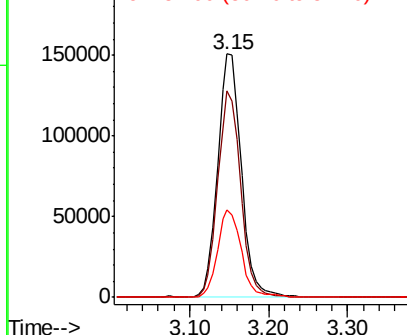
53 100

52 82.5 66.6 99.8

51 36.3 28.4 42.6



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



#16

Acetone

Concen: 241.725 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005796.D

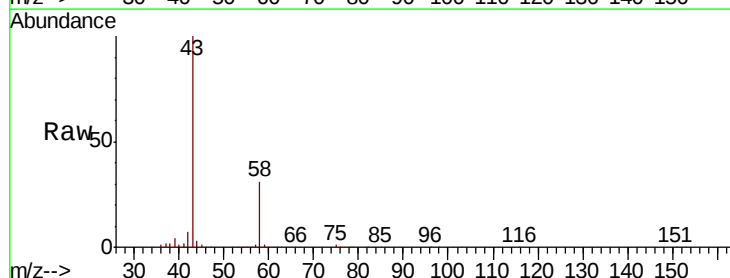
Acq: 05 Nov 2018 23:10

Tgt Ion: 43 Resp: 270120

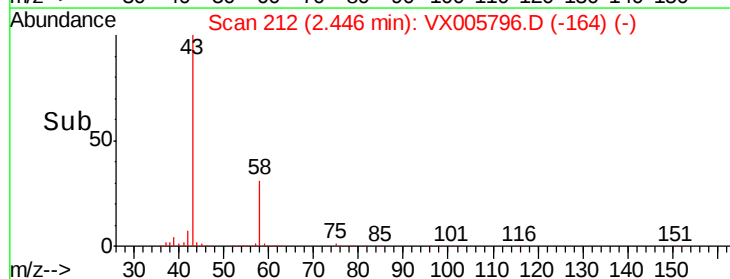
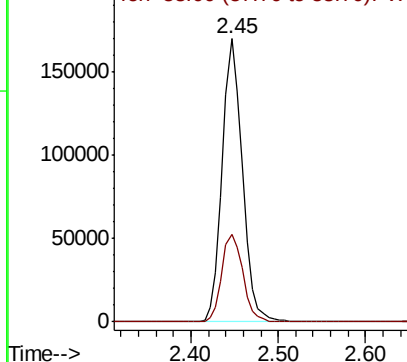
Ion Ratio Lower Upper

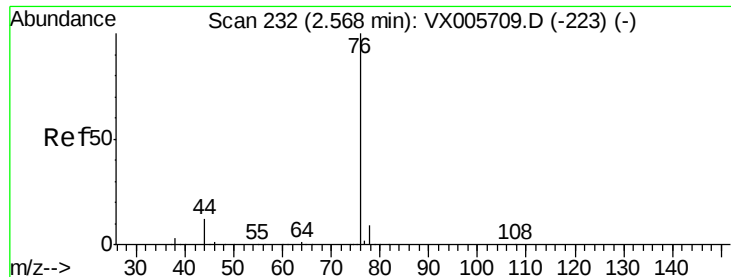
43 100

58 30.8 23.8 35.6



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

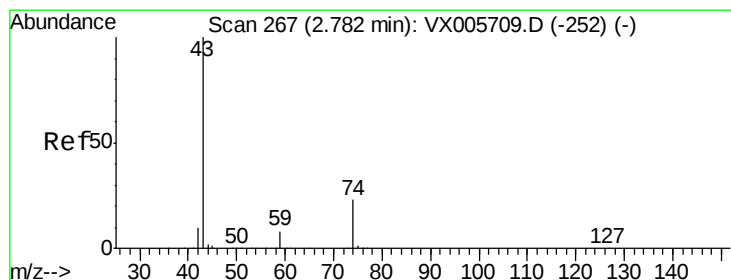
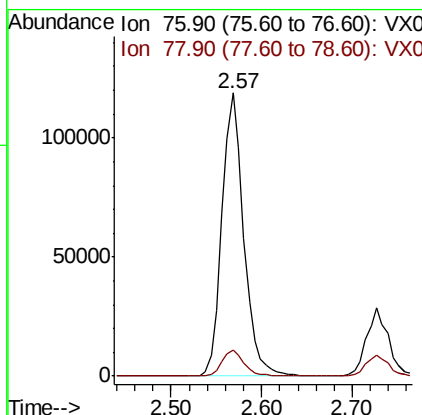
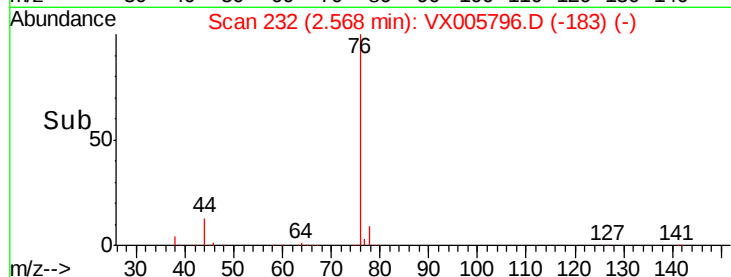
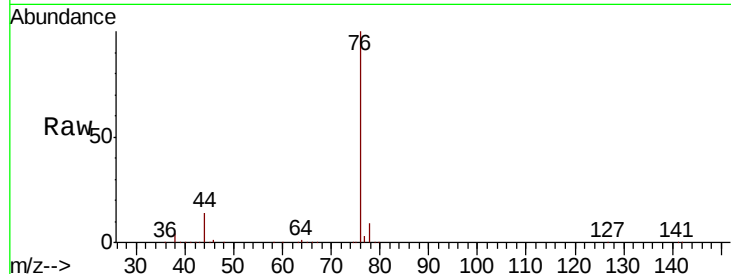




#17
Carbon Disulfide
Concen: 40.555 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

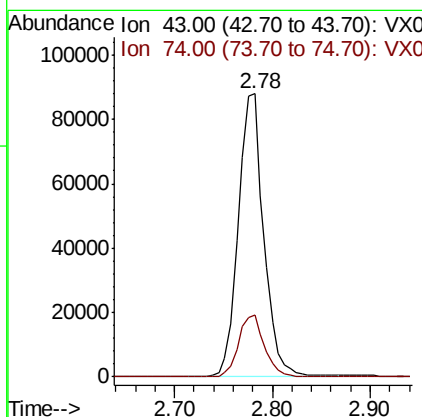
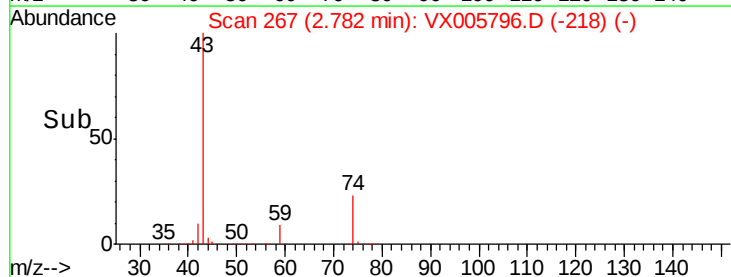
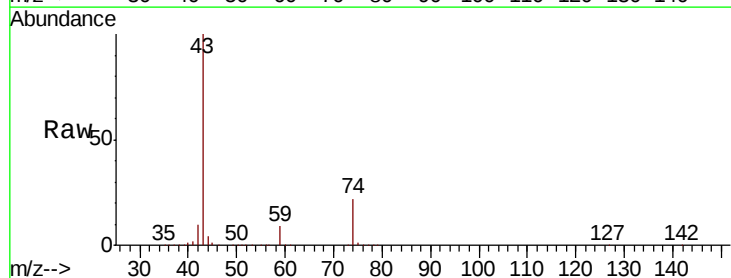
Instrument :
MSVOA_X
ClientSampled :

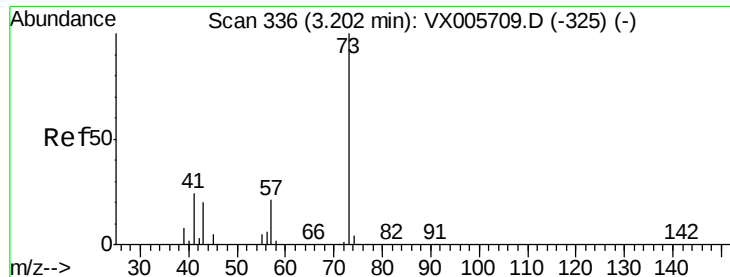
Tot Ion: 76 Resp: 199267
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 50.957 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 43 Resp: 158731
Ion Ratio Lower Upper
43 100
74 22.4 16.8 25.2



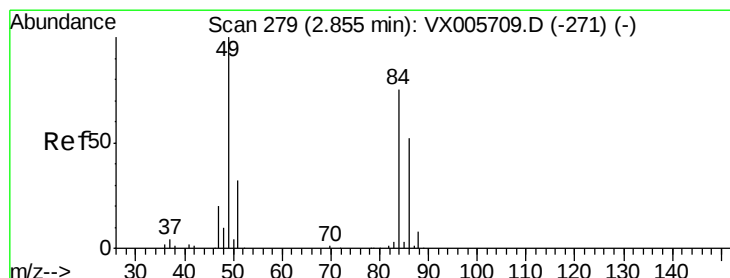
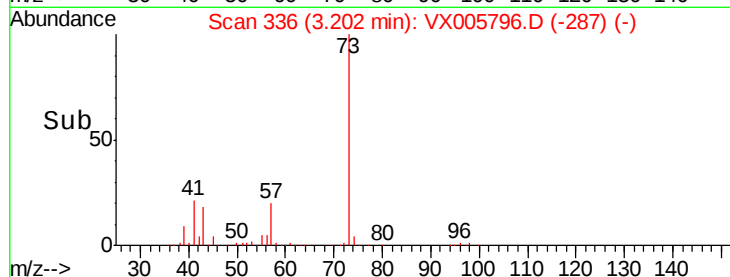
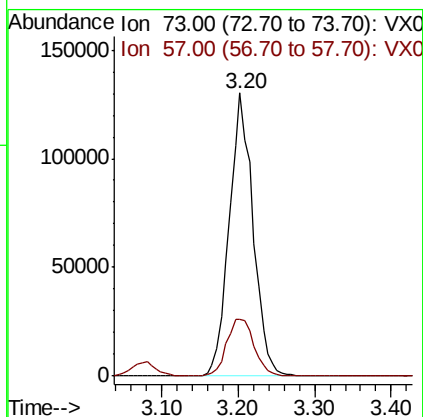
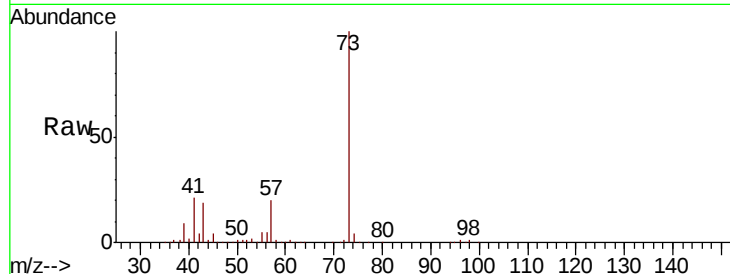


#19

Methyl tert-butyl Ether
 Concen: 50.760 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampled :

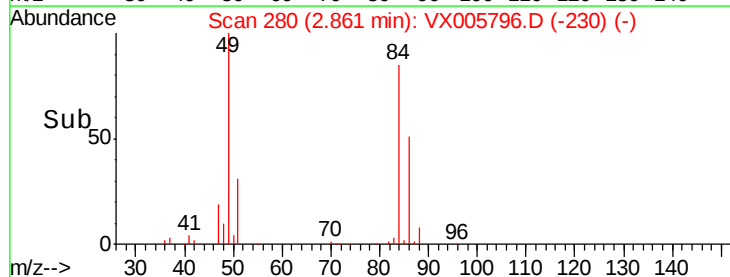
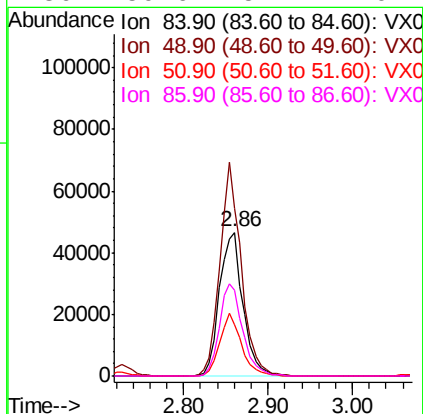
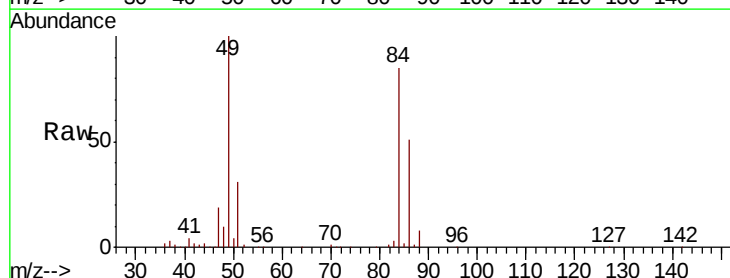
Tot Ion: 73 Resp: 280947
 Ion Ratio Lower Upper
 73 100
 57 20.2 18.8 28.2

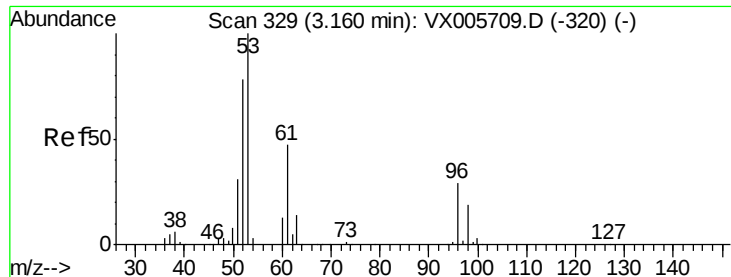


#20

Methylene Chloride
 Concen: 47.903 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion: 84 Resp: 89661
 Ion Ratio Lower Upper
 84 100
 49 117.1 109.5 164.3
 51 35.9 33.3 49.9
 86 59.6 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 45.884 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

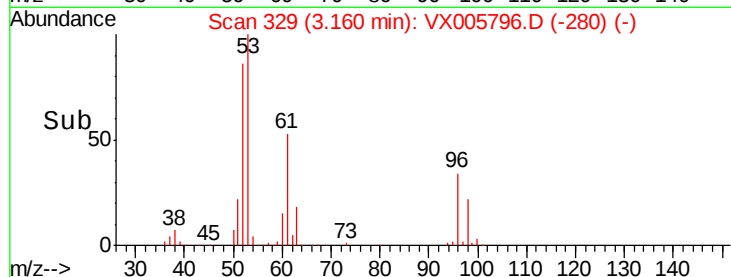
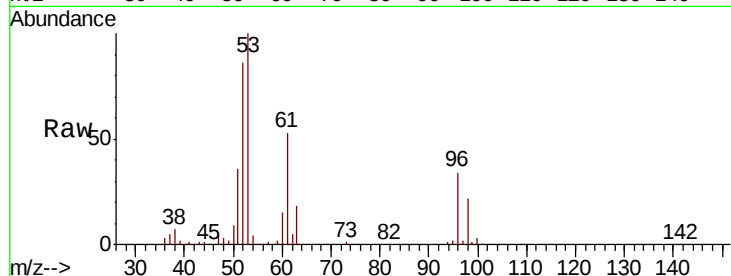
Tot Ion: 96 Resp: 77634

Ion Ratio Lower Upper

96 100

61 153.4 115.6 173.4

98 64.7 50.2 75.2

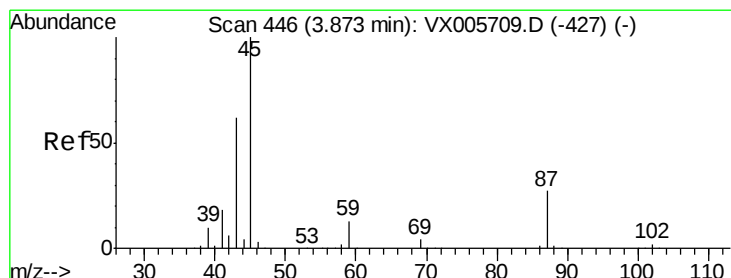
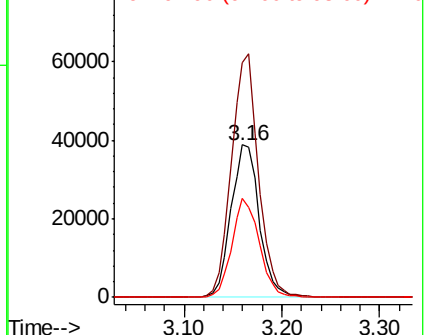


Abundance

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



#22

Diisopropyl ether

Concen: 49.425 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Tgt Ion: 45 Resp: 303136

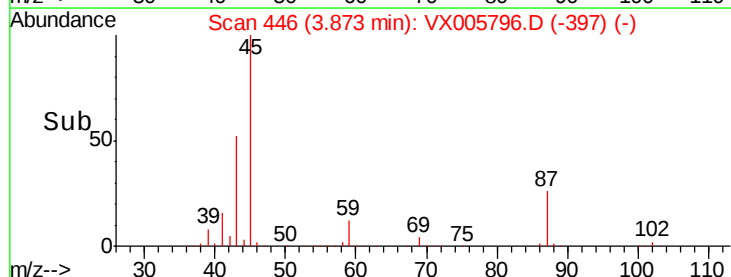
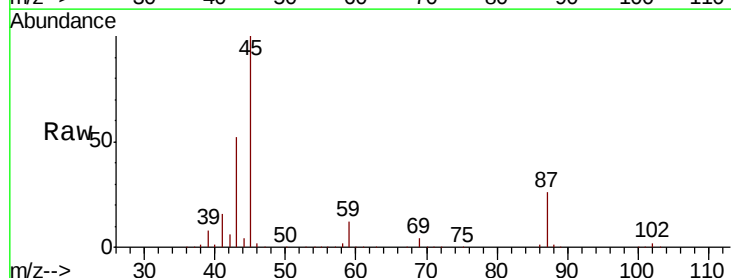
Ion Ratio Lower Upper

45 100

43 52.0 47.4 71.2

87 25.7 15.9 23.9#

59 11.9 7.7 11.5#



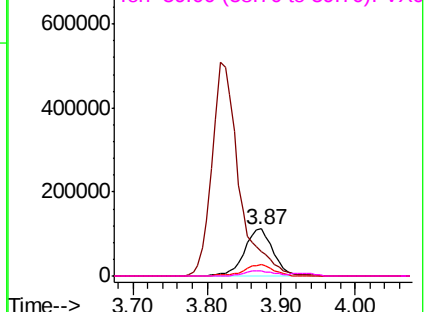
Abundance

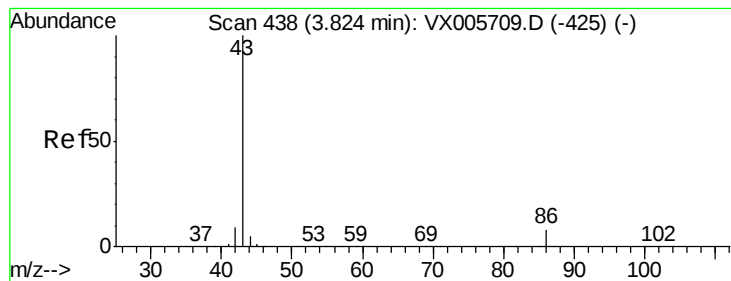
Ion 45.00 (44.70 to 45.70): VX0

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: 240.435 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

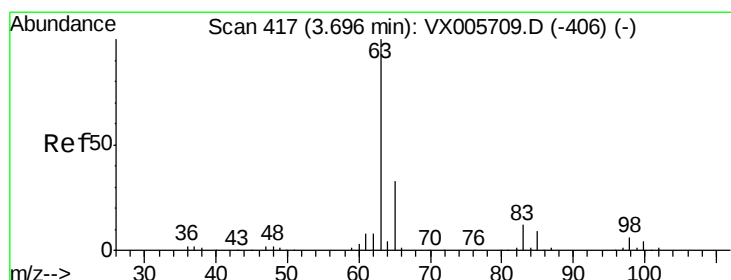
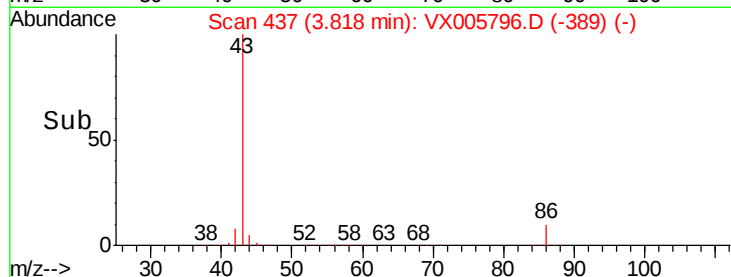
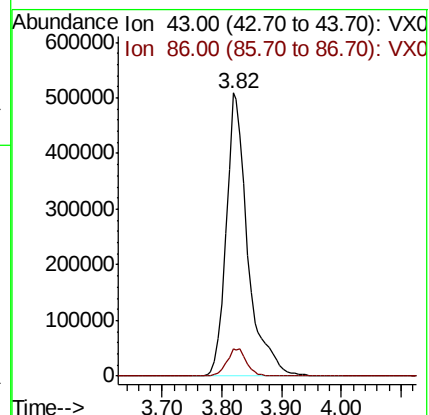
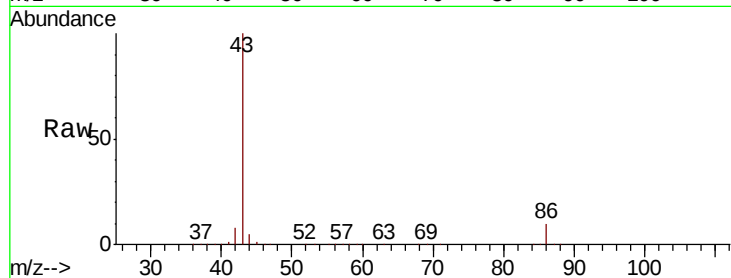
ClientSampled :

Tot Ion: 43 Resp: 1284444

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.2



#24

1,1-Dichloroethane

Concen: 47.100 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

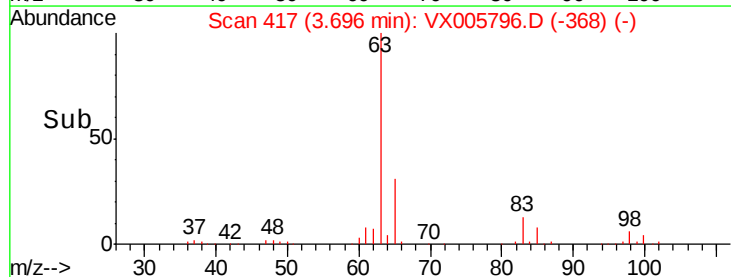
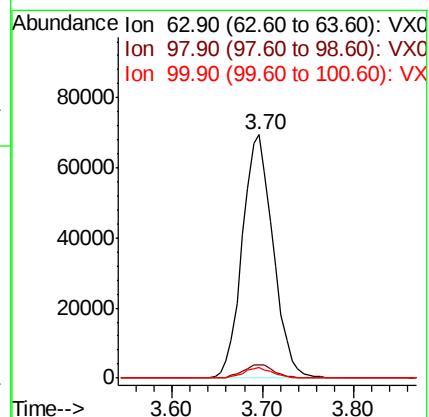
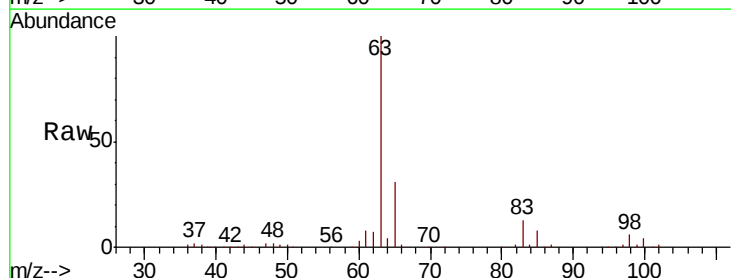
Tgt Ion: 63 Resp: 163349

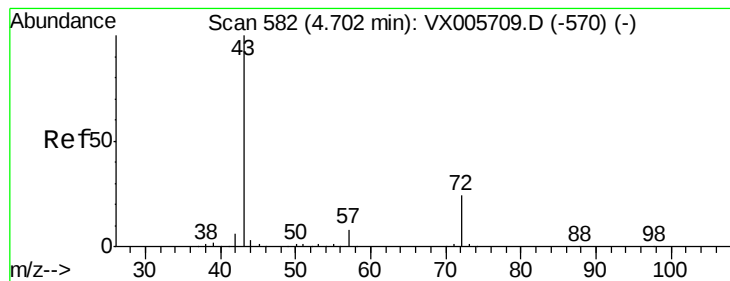
Ion Ratio Lower Upper

63 100

98 5.7 3.2 9.6

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 230.142 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

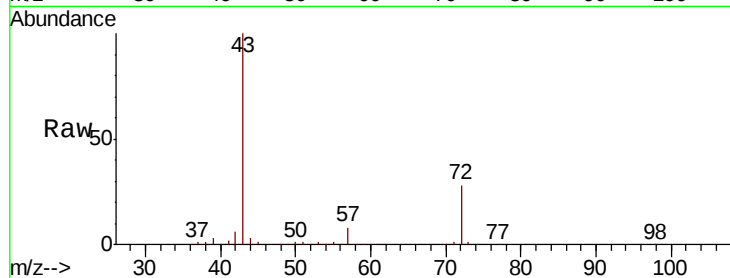
ClientSampled :

Tot Ion: 43 Resp: 421376

Ion Ratio Lower Upper

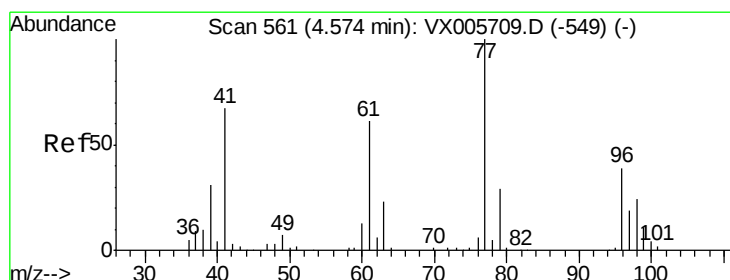
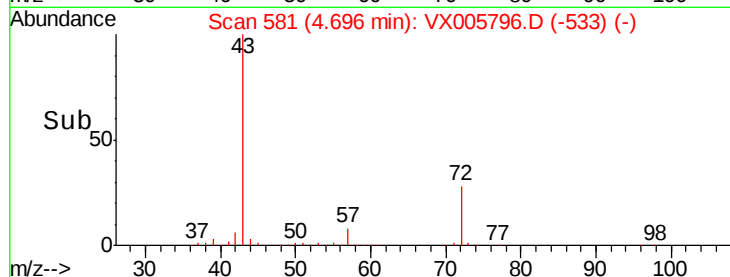
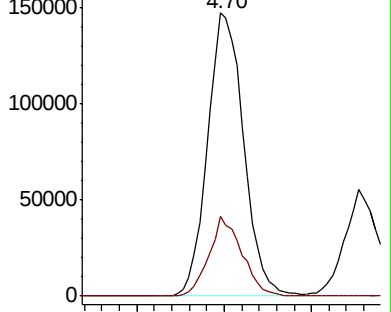
43 100

72 28.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 37.550 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005796.D

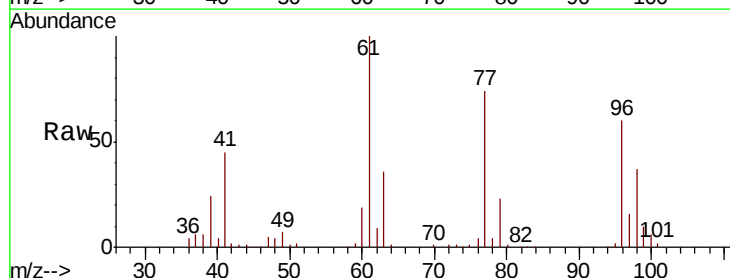
Acq: 05 Nov 2018 23:10

Tgt Ion: 77 Resp: 97347

Ion Ratio Lower Upper

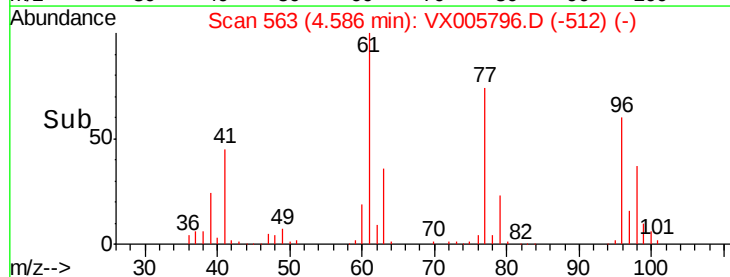
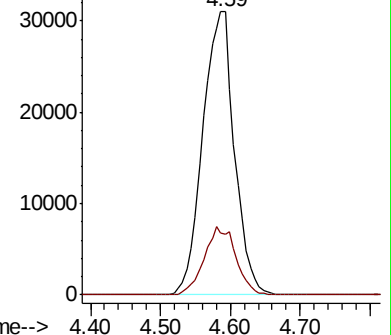
77 100

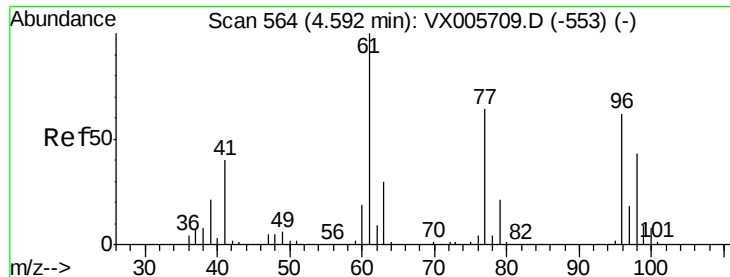
97 24.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



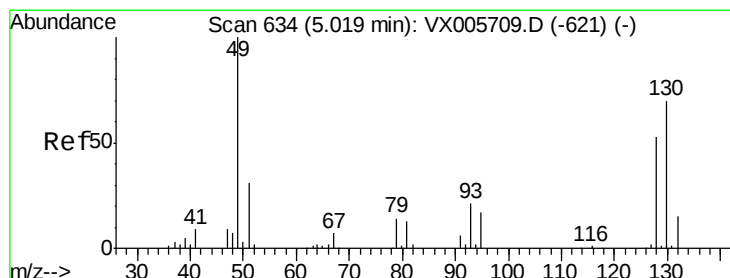
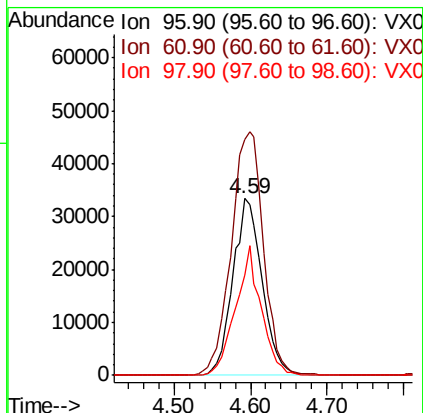
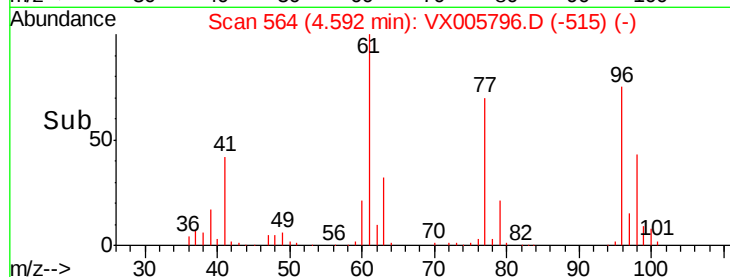
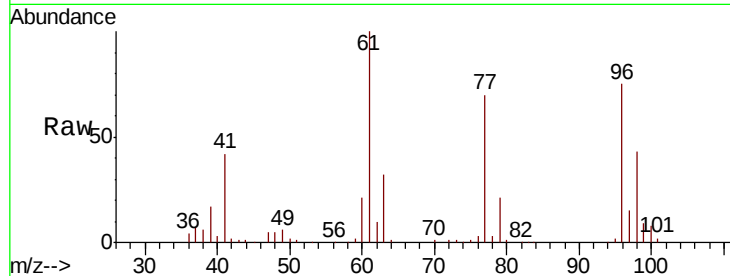


#27

cis-1,2-Dichloroethene
Concen: 46.394 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampled :

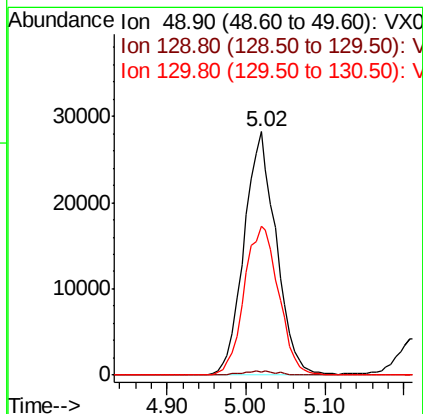
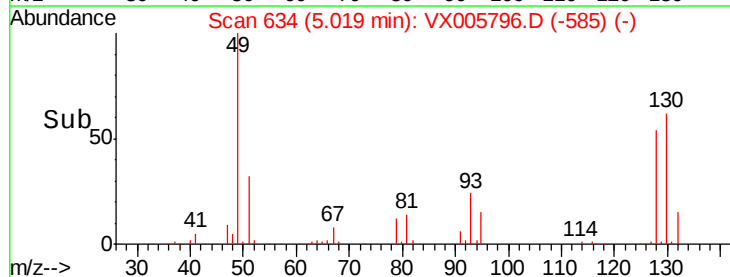
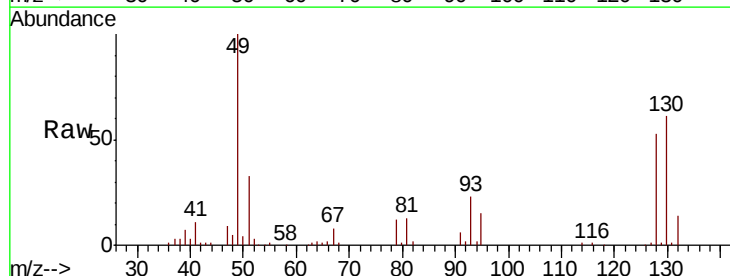
Tot Ion: 96 Resp: 88205
Ion Ratio Lower Upper
96 100
61 152.3 0.0 304.6
98 64.0 0.0 127.4

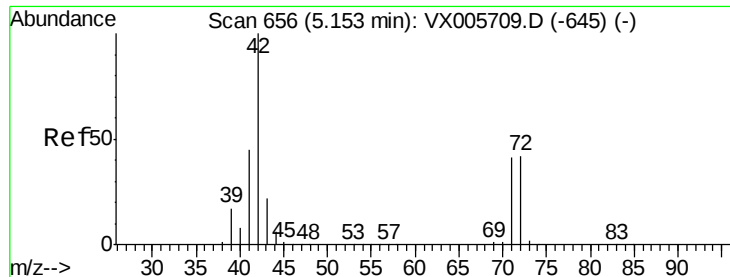


#28

Bromochloromethane
Concen: 47.329 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 49 Resp: 80079
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 65.5 58.9 88.3





#29

Tetrahydrofuran

Concen: 240.794 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampled :

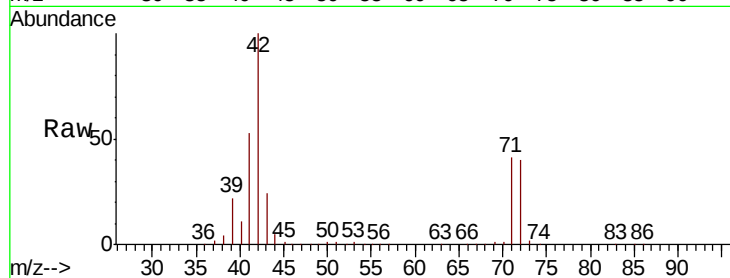
Tot Ion: 42 Resp: 269096

Ion Ratio Lower Upper

42 100

72 44.2 32.0 48.0

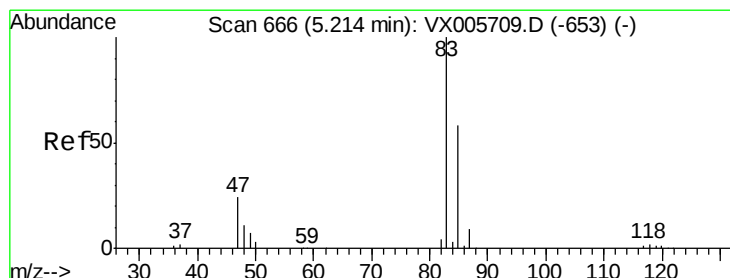
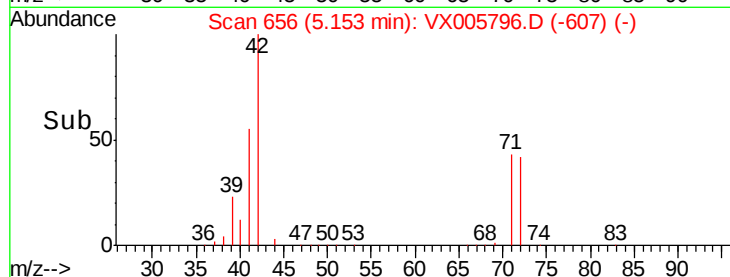
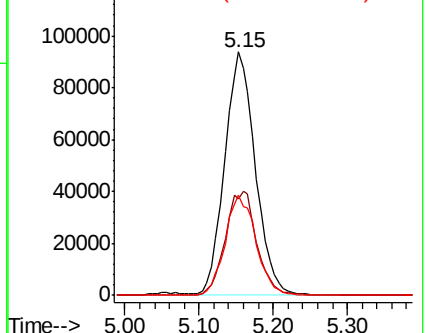
71 41.5 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 44.843 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005796.D

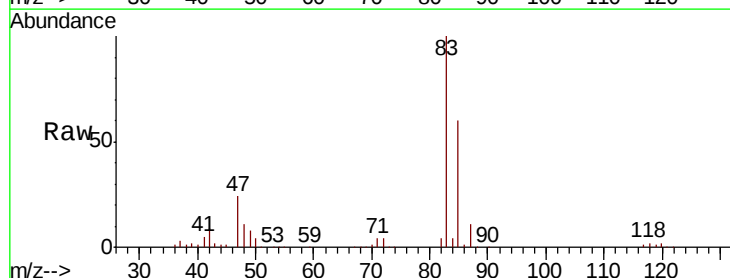
Acq: 05 Nov 2018 23:10

Tgt Ion: 83 Resp: 152050

Ion Ratio Lower Upper

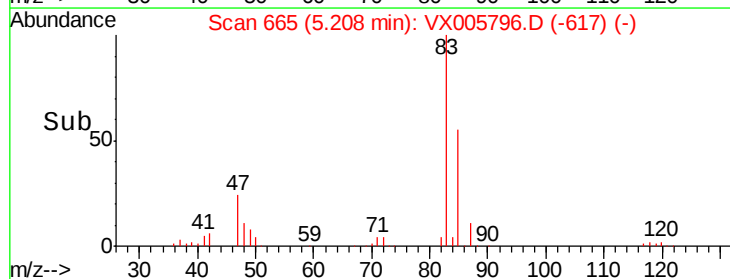
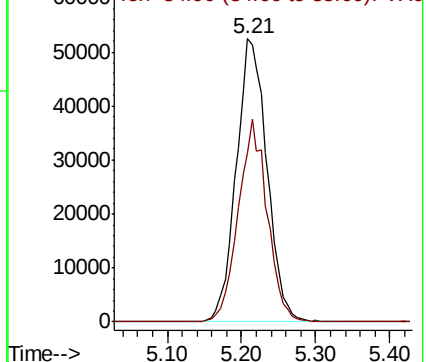
83 100

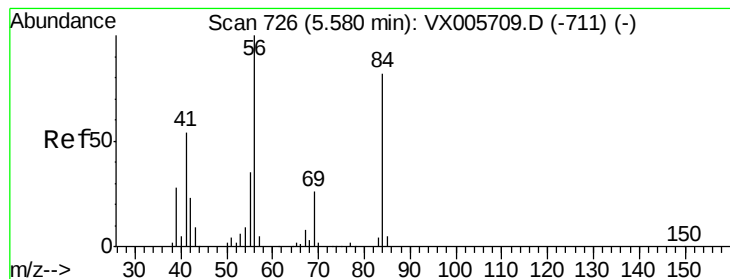
85 59.5 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.288 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampled :

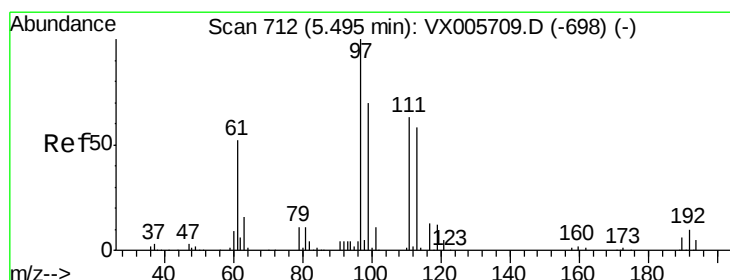
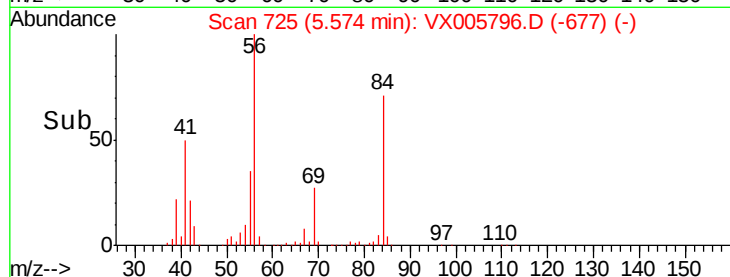
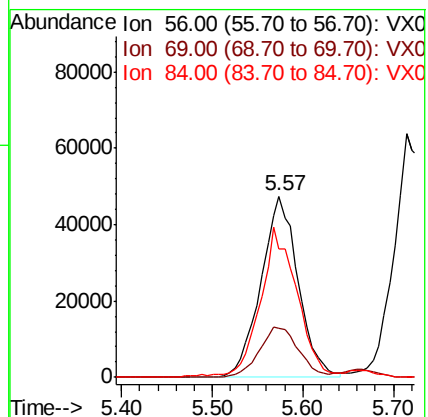
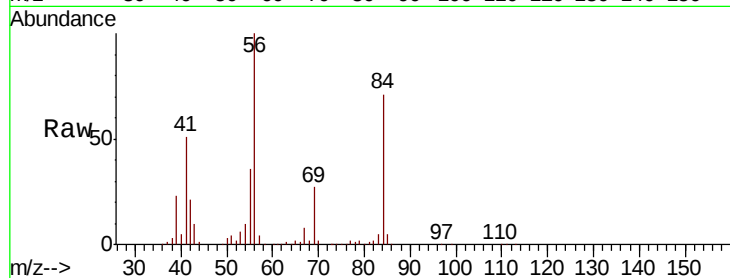
Tot Ion: 56 Resp: 134242

Ion Ratio Lower Upper

56 100

69 27.0 22.6 34.0

84 70.2 62.7 94.1



#32

1,1,1-Trichloroethane

Concen: 47.056 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

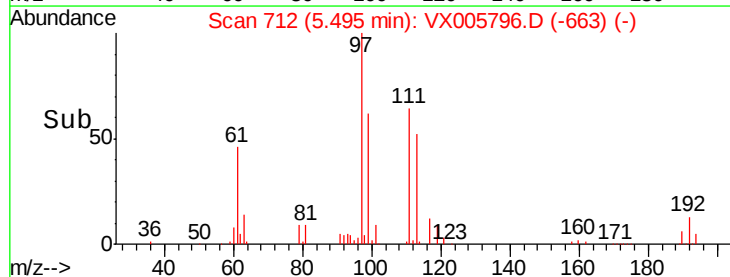
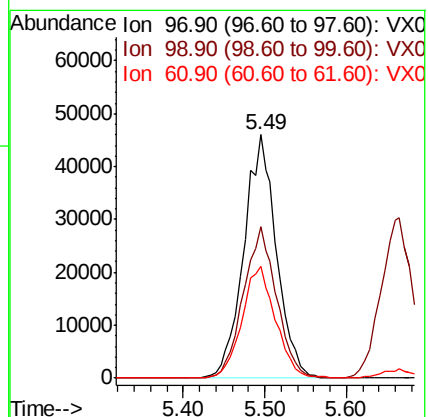
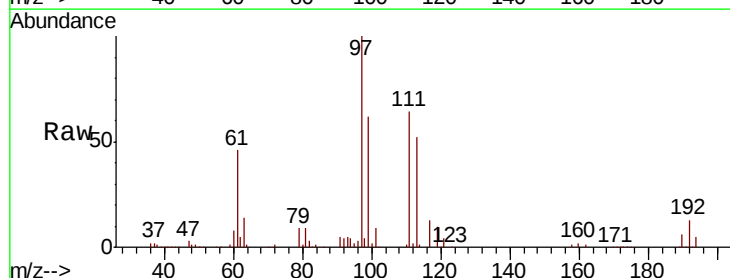
Tgt Ion: 97 Resp: 127694

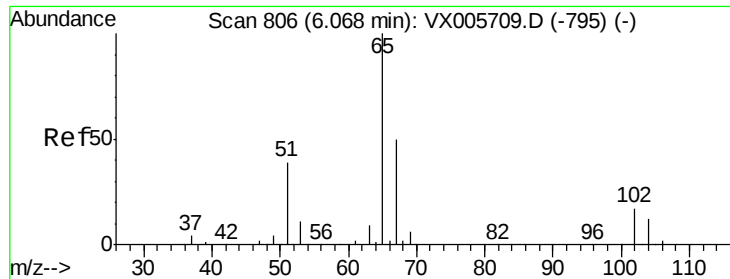
Ion Ratio Lower Upper

97 100

99 63.1 52.3 78.5

61 47.1 35.2 52.8

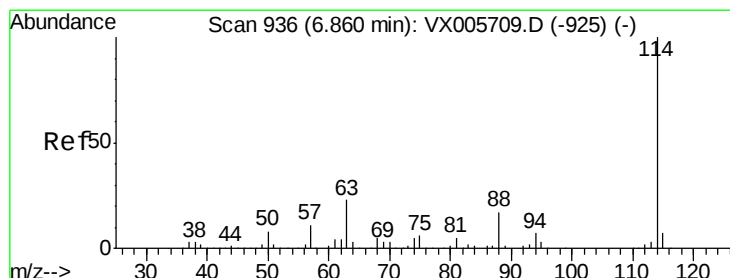
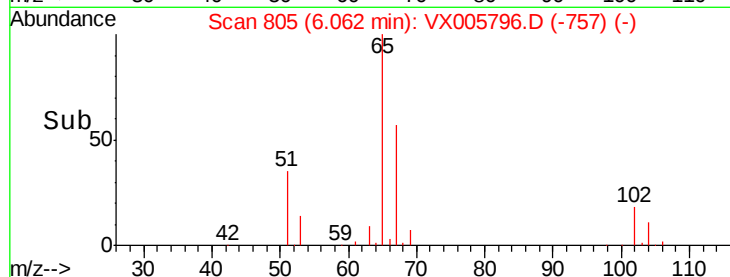
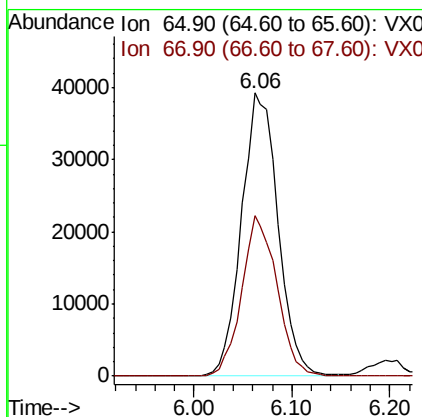
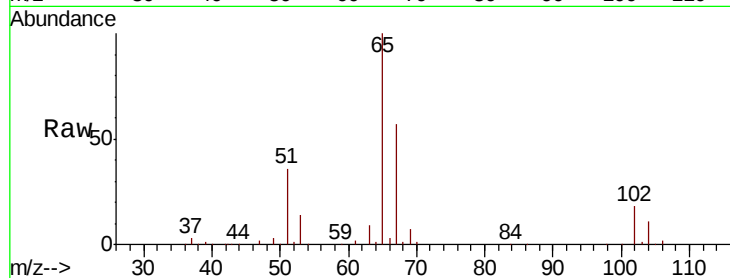




#33
 1,2-Dichloroethane-d4
 Concen: 46.862 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

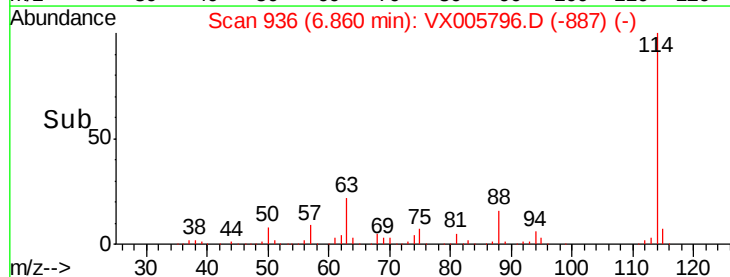
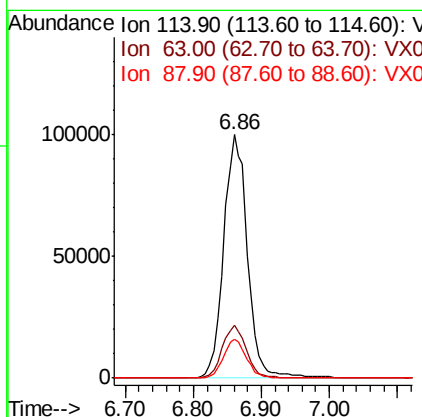
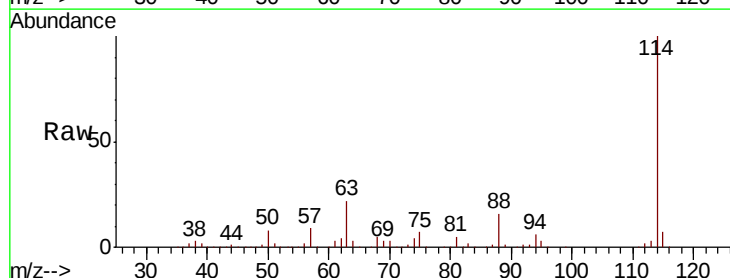
Instrument :
 MSVOA_X
 ClientSampleId :

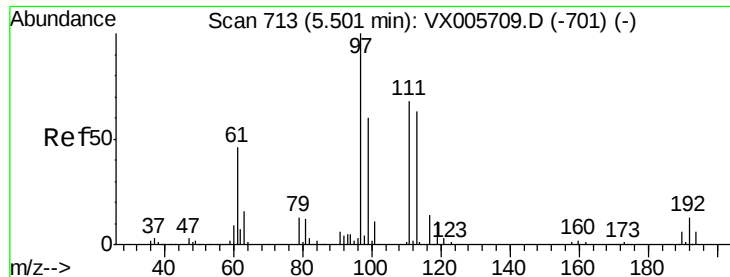
Tot Ion: 65 Resp: 101715
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion: 114 Resp: 240314
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.8
 88 15.7 0.0 31.2

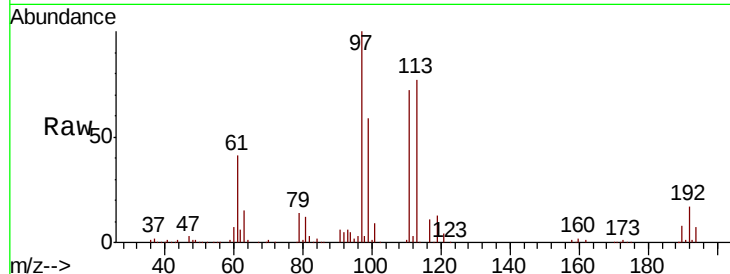




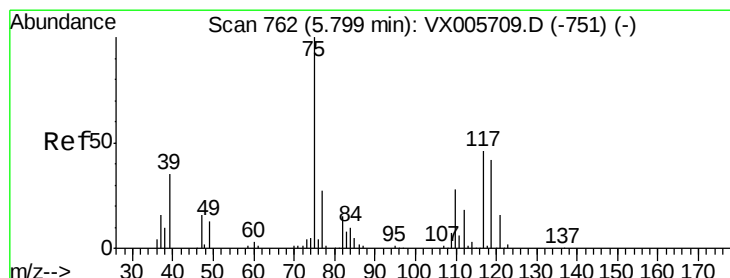
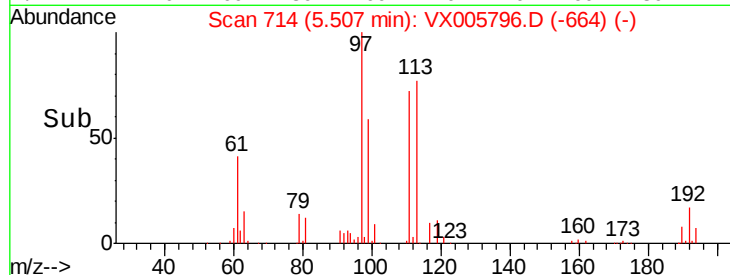
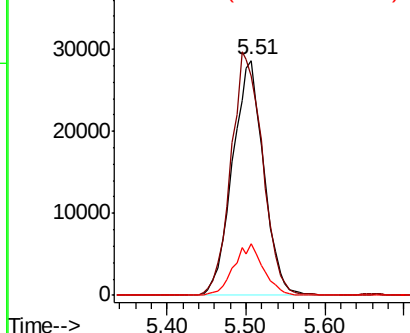
#35
Dibromofluoromethane
Concen: 47.227 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 78583
Ion Ratio Lower Upper
113 100
111 104.9 82.3 123.5
192 20.7 17.9 26.9

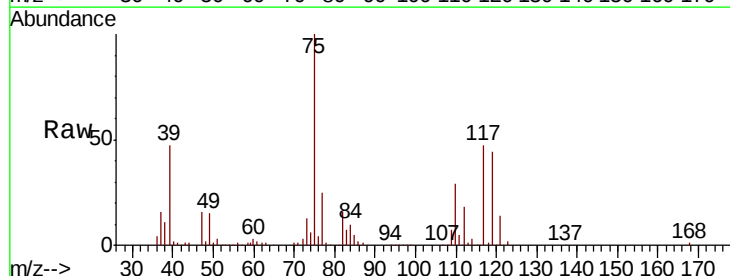


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

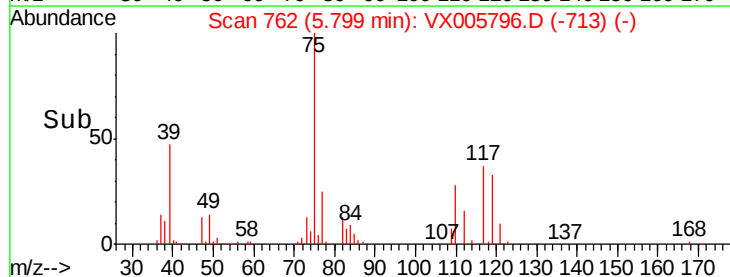
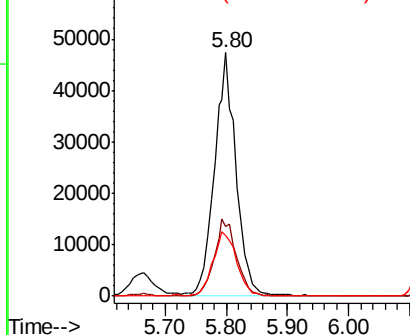


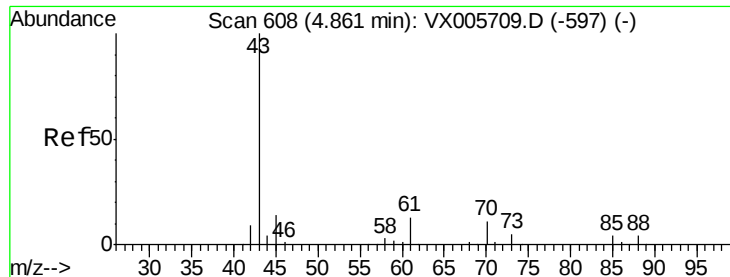
#36
1,1-Dichloropropene
Concen: 45.443 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 75 Resp: 116350
Ion Ratio Lower Upper
75 100
110 32.7 17.4 52.2
77 29.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

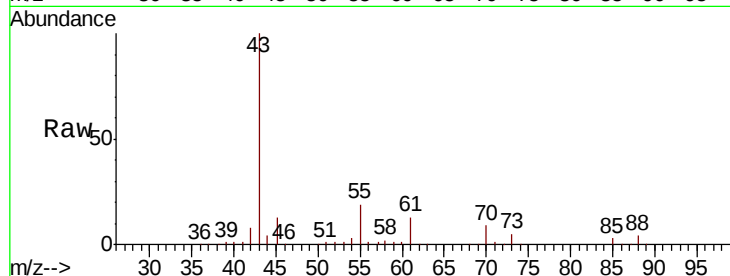




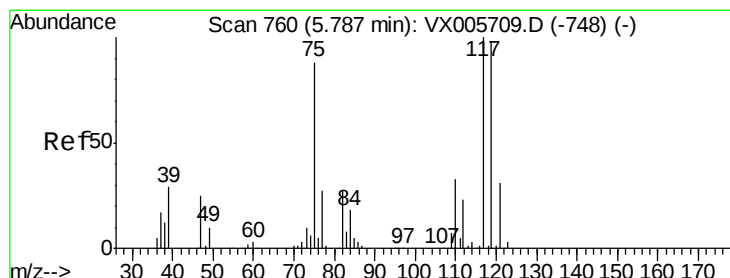
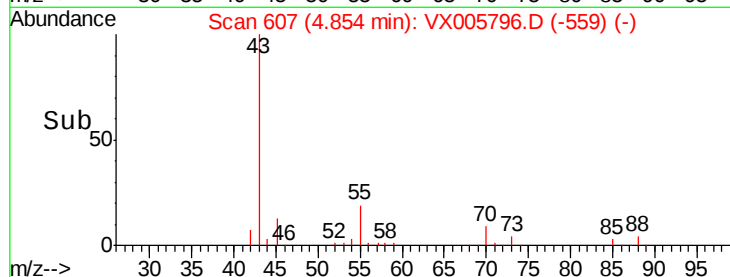
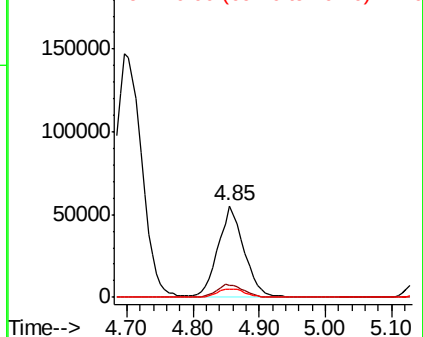
#37
Ethyl Acetate
Concen: 46.020 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 150324
Ion Ratio Lower Upper
43 100
61 14.8 10.8 16.2
70 10.4 7.8 11.8

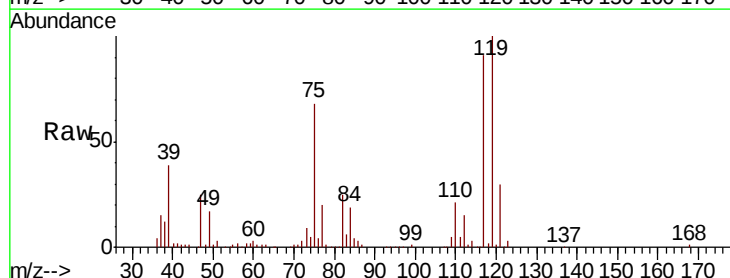


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

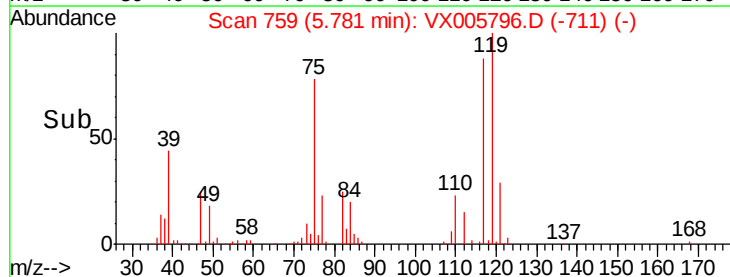
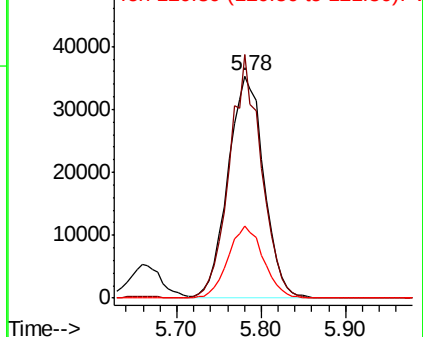


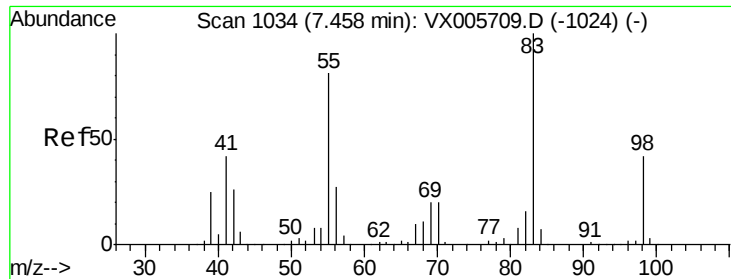
#38
Carbon Tetrachloride
Concen: 44.051 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 117 Resp: 101898
Ion Ratio Lower Upper
117 100
119 109.6 78.1 117.1
121 32.7 24.6 36.8



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

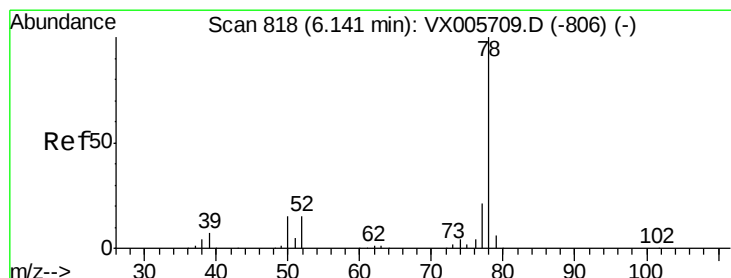
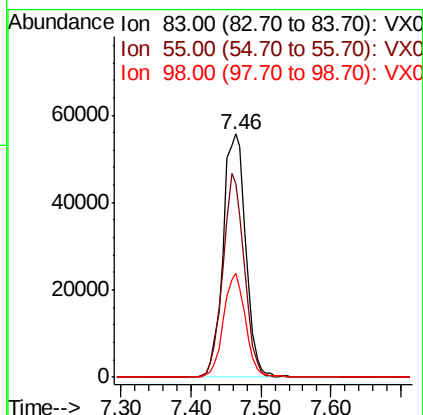
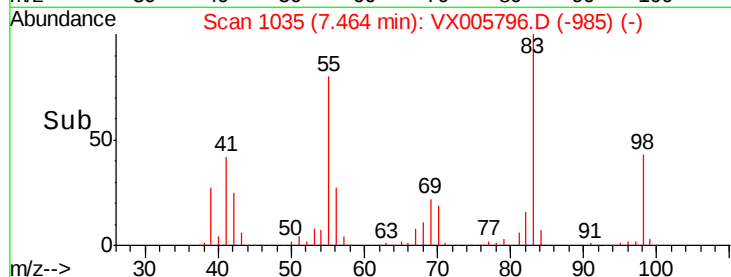
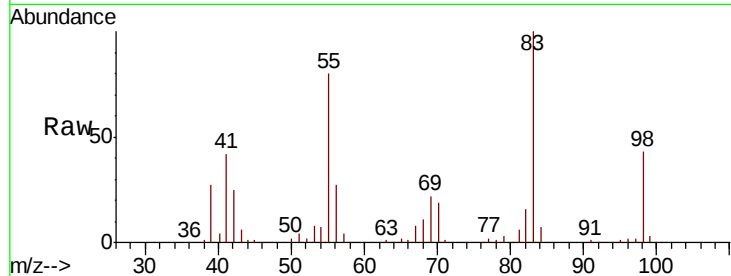




#39
Methvlcvclohexane
Concen: 46.997 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

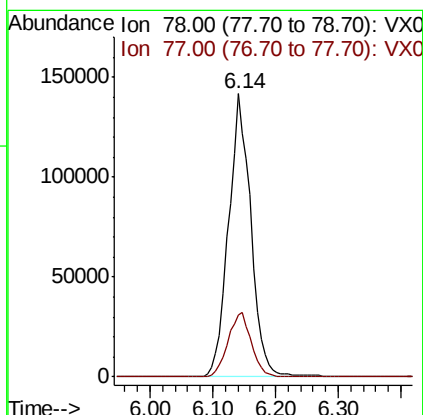
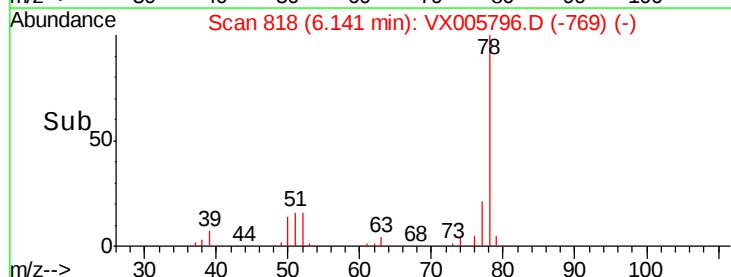
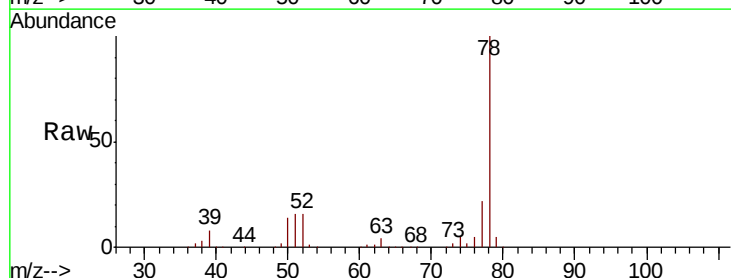
Instrument :
MSVOA_X
ClientSampleId :

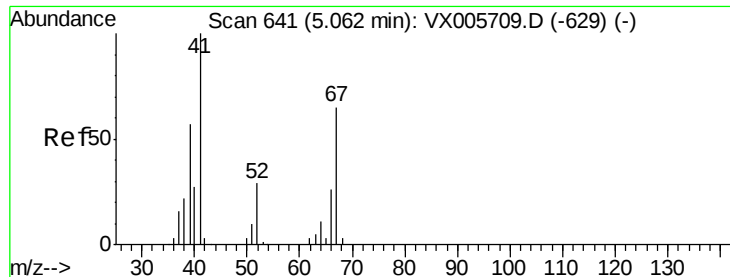
Tot Ion: 83 Resp: 125493
Ion Ratio Lower Upper
83 100
55 79.6 63.7 95.5
98 42.9 36.2 54.2



#40
Benzene
Concen: 45.885 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 78 Resp: 349514
Ion Ratio Lower Upper
78 100
77 21.7 18.4 27.6





#41

Methacrylonitrile

Concen: 46.245 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 81621

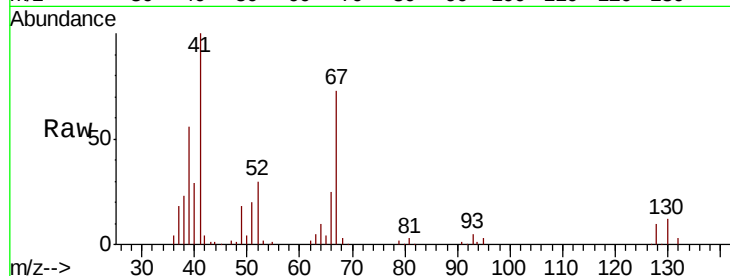
Ion Ratio Lower Upper

41 100

39 54.4 42.2 63.2

67 73.5 53.4 80.0

52 30.7 23.4 35.2

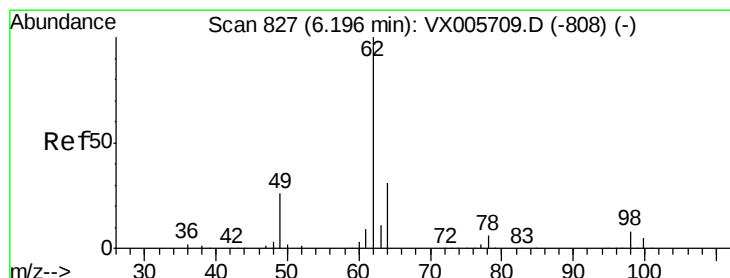
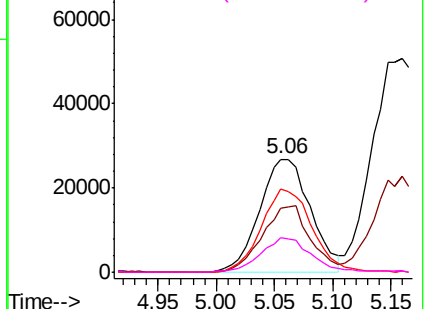
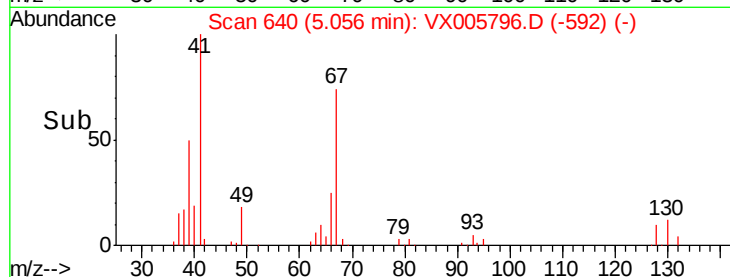


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 44.550 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX005796.D

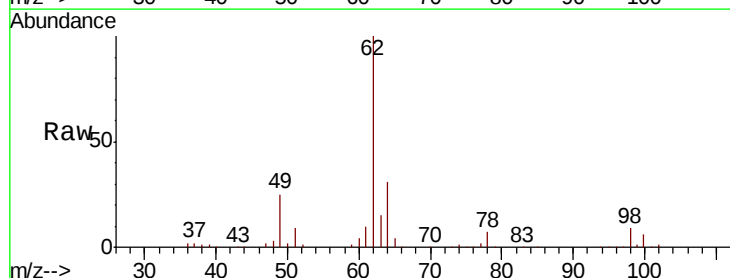
Acq: 05 Nov 2018 23:10

Tgt Ion: 62 Resp: 125431

Ion Ratio Lower Upper

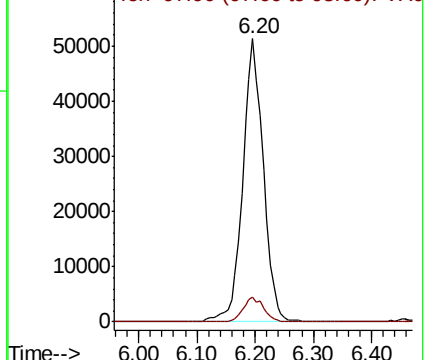
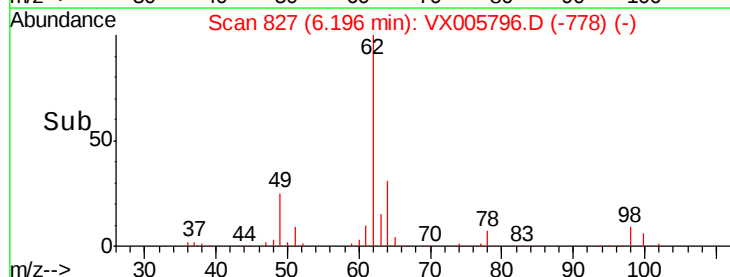
62 100

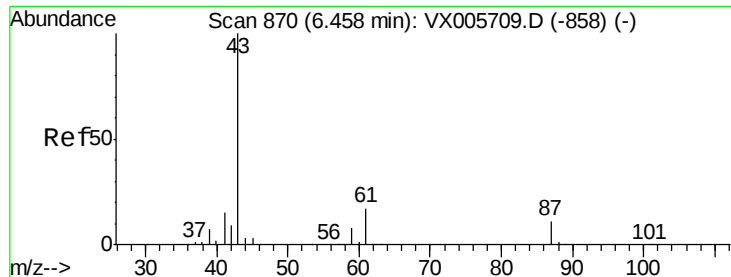
98 8.6 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



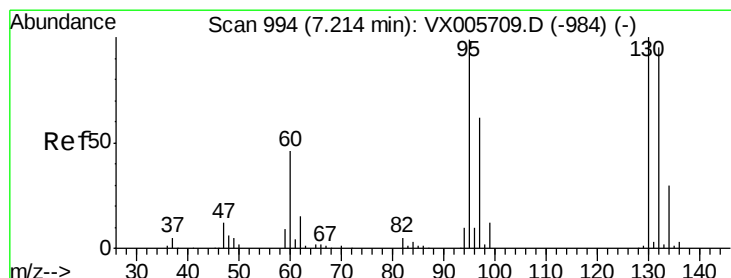
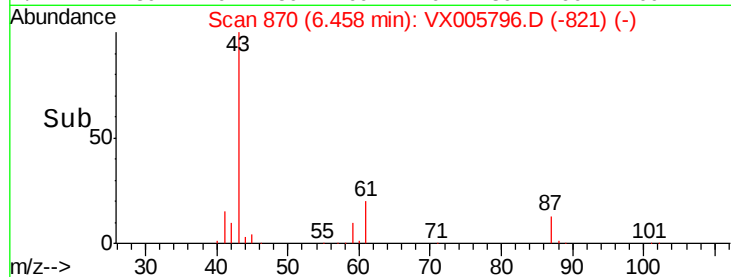
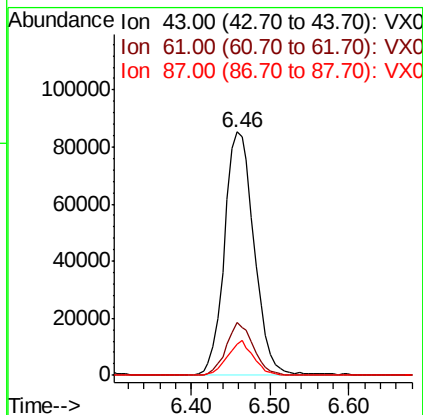
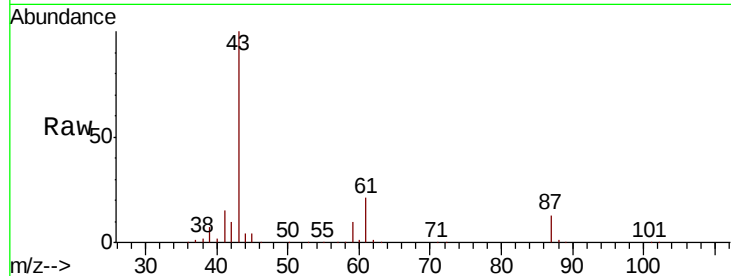


#43

Isopropyl Acetate
 Concen: 46.858 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :

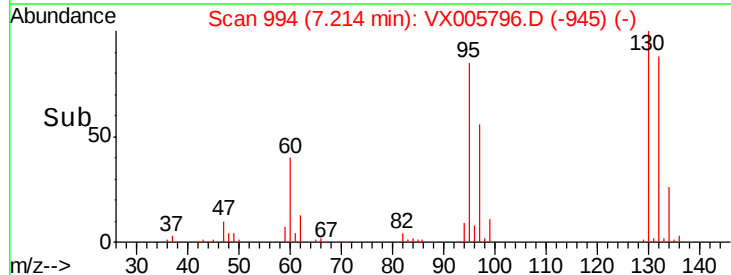
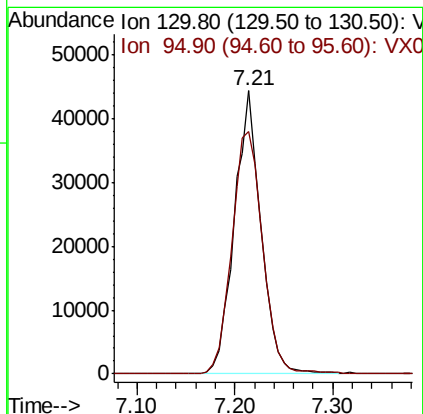
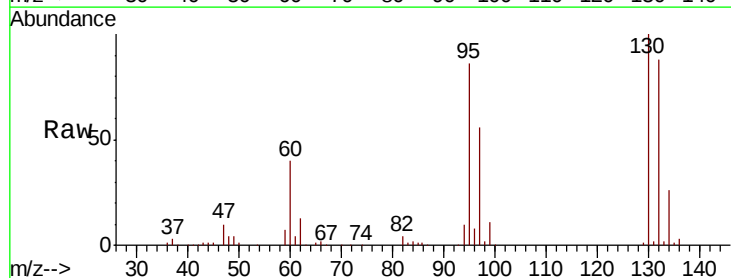
Tot Ion: 43 Resp: 222153
 Ion Ratio Lower Upper
 43 100
 61 20.0 14.6 22.0
 87 12.5 9.6 14.4

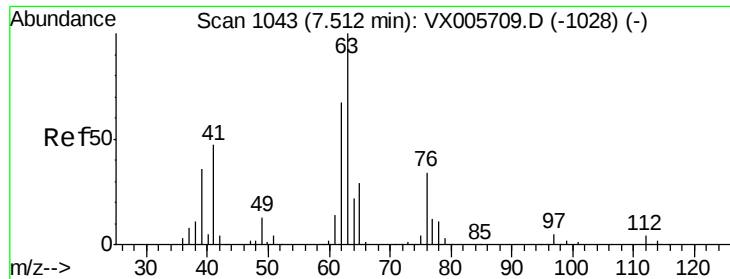


#44

Trichloroethene
 Concen: 47.641 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion:130 Resp: 83928
 Ion Ratio Lower Upper
 130 100
 95 85.5 0.0 194.2





#45

1,2-Dichloropropane

Concen: 50.311 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

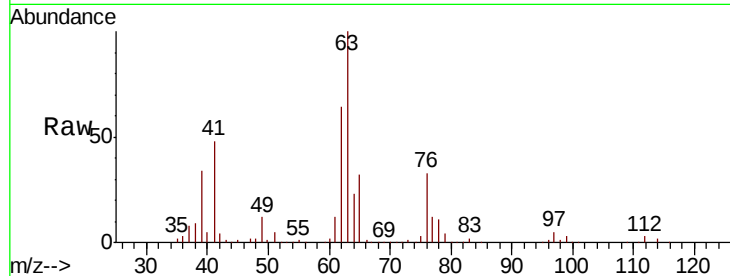
ClientSampled :

Tot Ion: 63 Resp: 98206

Ion Ratio Lower Upper

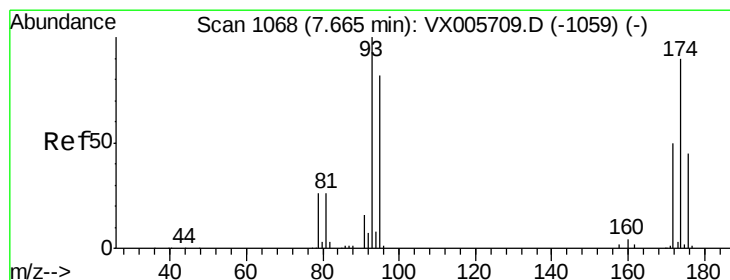
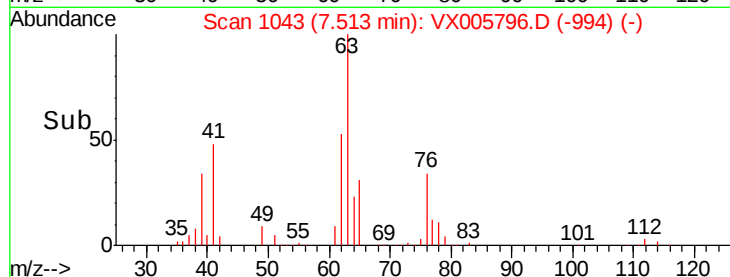
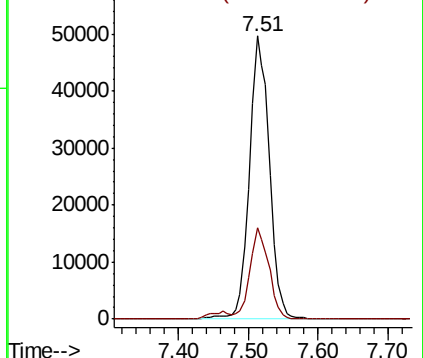
63 100

65 32.2 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: 44.260 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

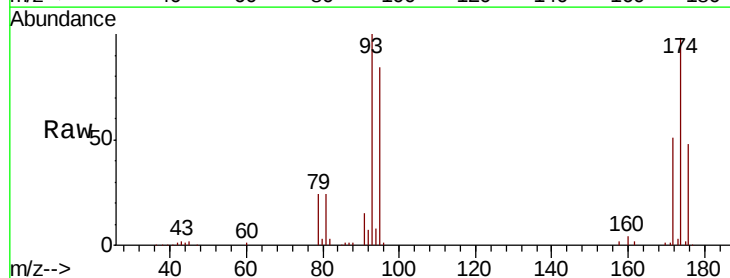
Tgt Ion: 93 Resp: 55213

Ion Ratio Lower Upper

93 100

95 84.0 67.4 101.0

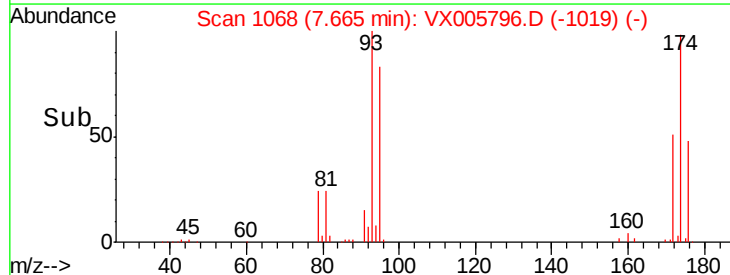
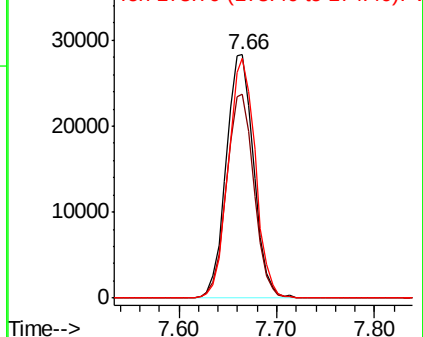
174 97.0 91.5 137.3

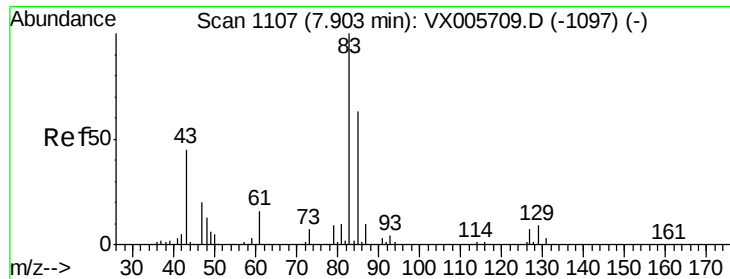


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.177 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :

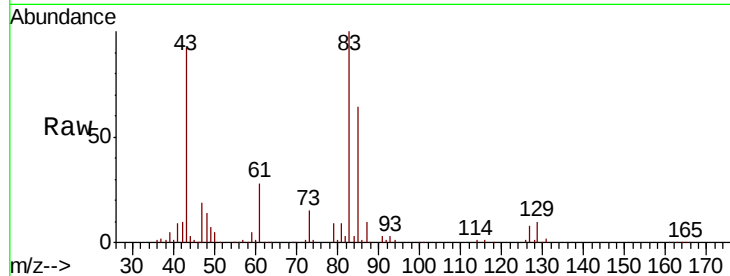
Tot Ion: 83 Resp: 108052

Ion Ratio Lower Upper

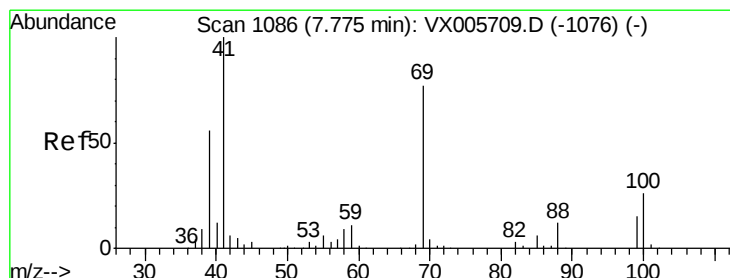
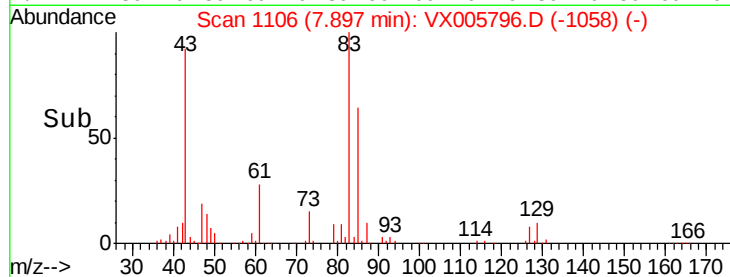
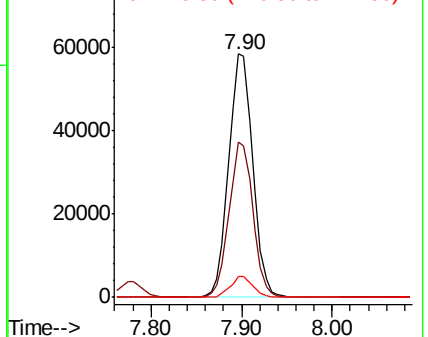
83 100

85 63.6 50.2 75.4

127 8.4 6.9 10.3



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: 48.100 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

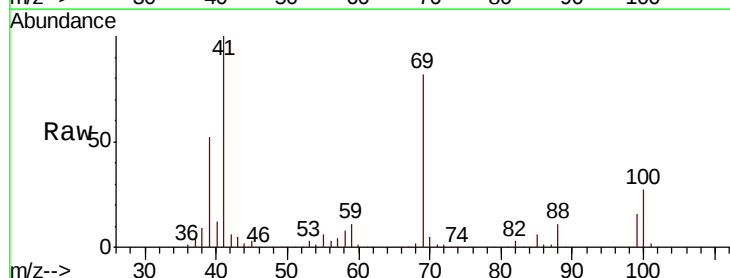
Tgt Ion: 41 Resp: 110371

Ion Ratio Lower Upper

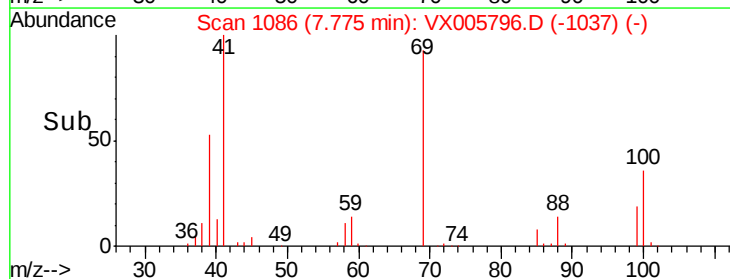
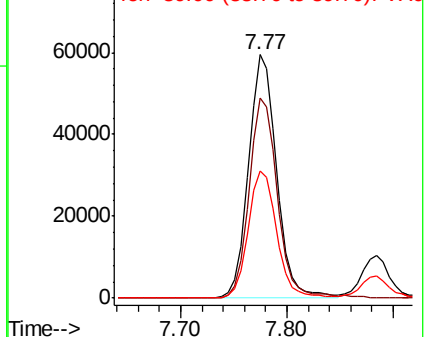
41 100

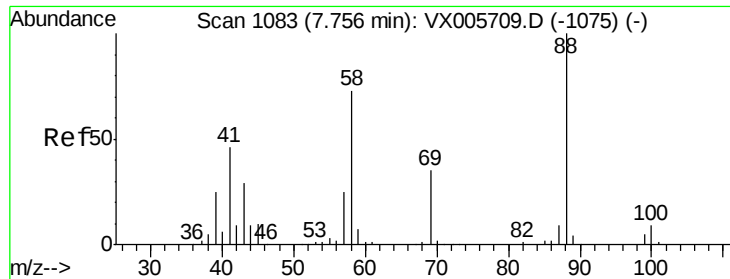
69 83.3 63.2 94.8

39 53.5 42.2 63.2



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

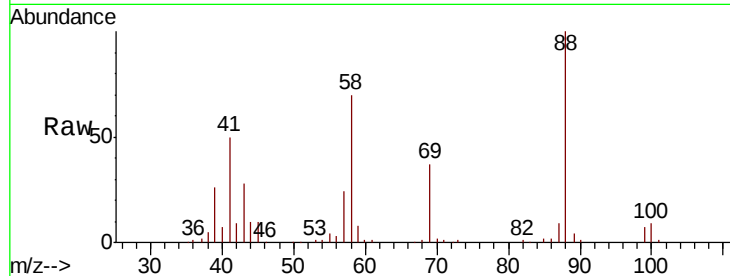




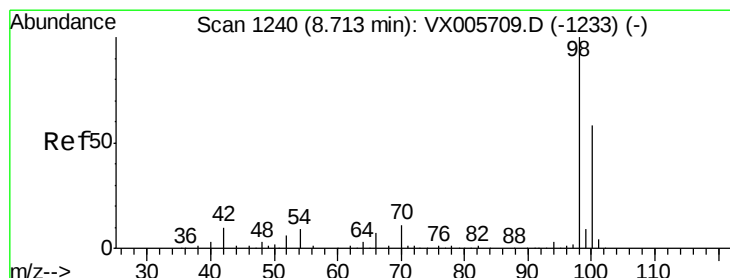
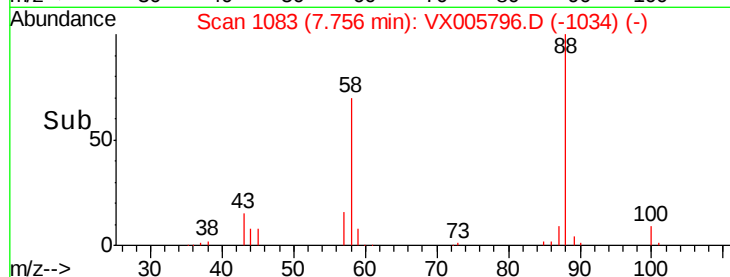
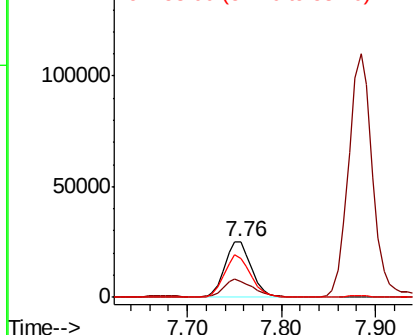
#49
1,4-Dioxane
Concen: 964.513 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 49283
Ion Ratio Lower Upper
88 100
43 34.3 27.4 41.0
58 75.7 59.4 89.2

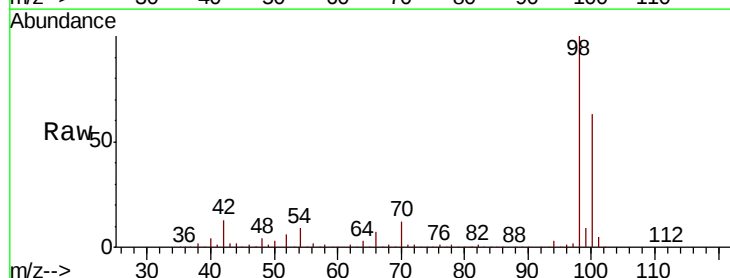


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

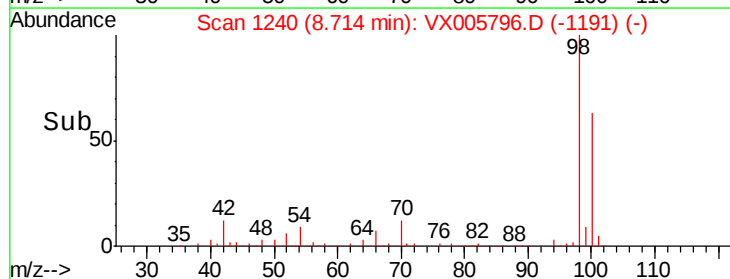
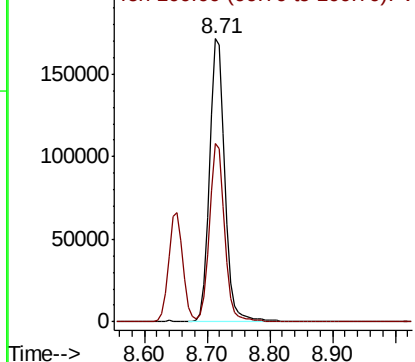


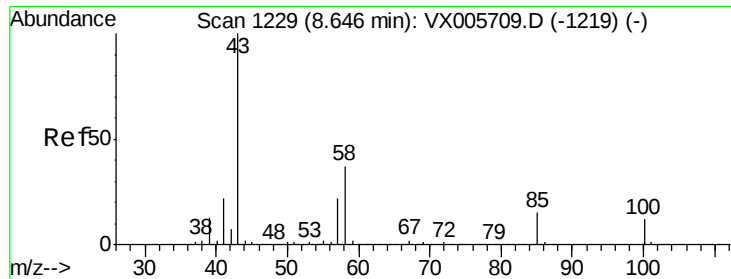
#50
Toluene-d8
Concen: 49.720 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 98 Resp: 290166
Ion Ratio Lower Upper
98 100
100 62.3 51.3 76.9



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: 241.510 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

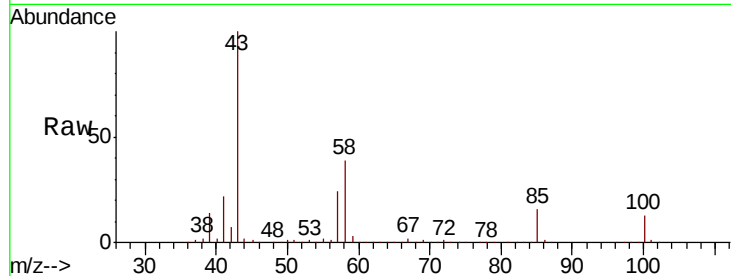
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 780738

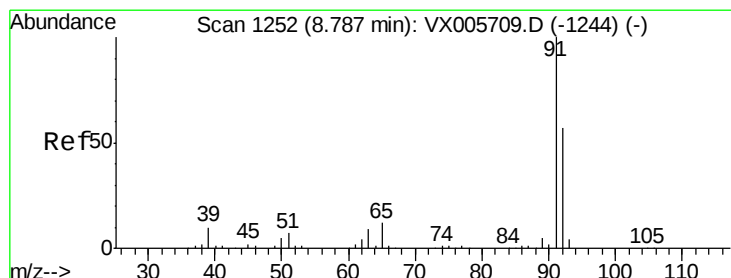
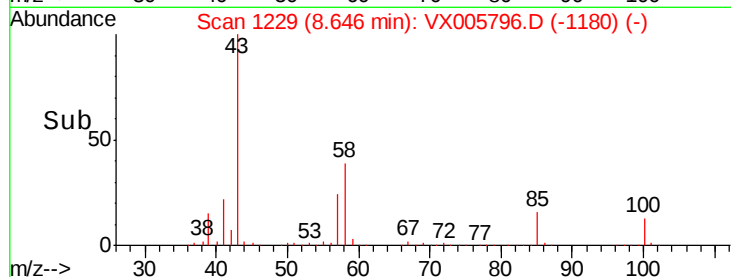
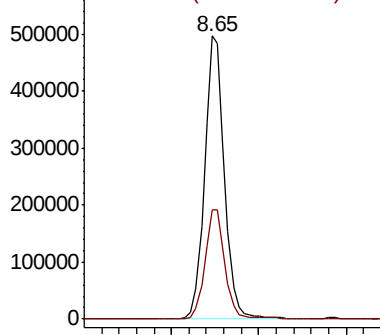
Ion Ratio Lower Upper

43 100

58 39.4 29.7 44.5



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



#52

Toluene

Concen: 47.192 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005796.D

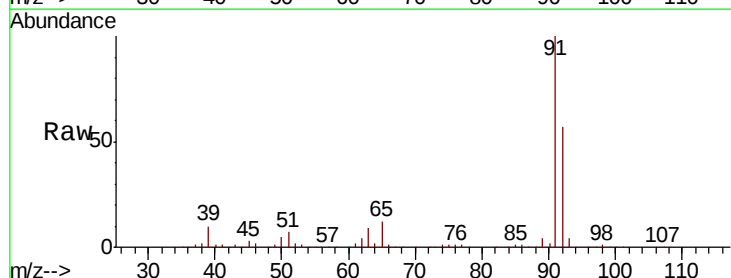
Acq: 05 Nov 2018 23:10

Tgt Ion: 92 Resp: 194432

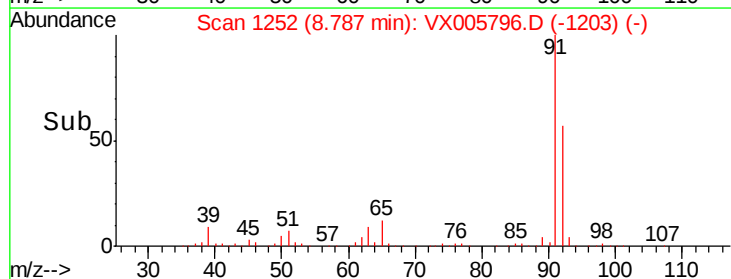
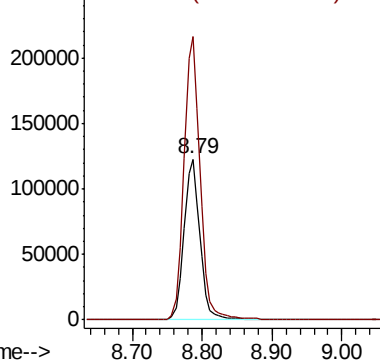
Ion Ratio Lower Upper

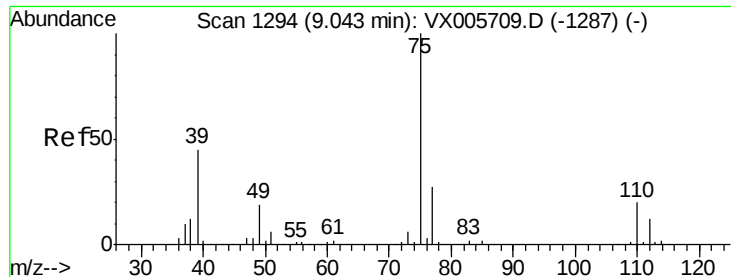
92 100

91 178.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

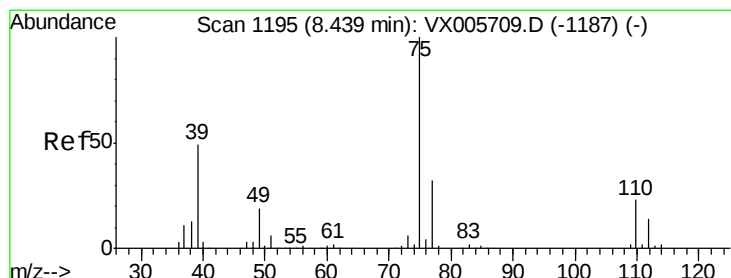
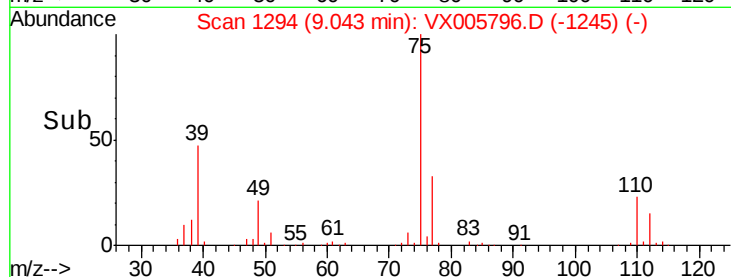
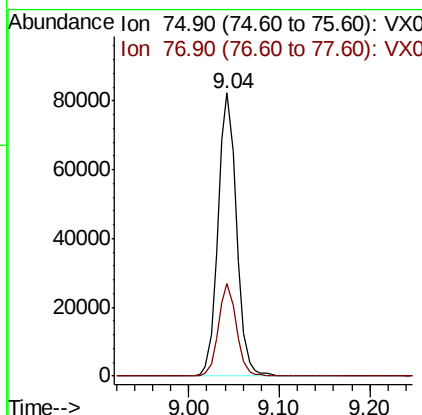
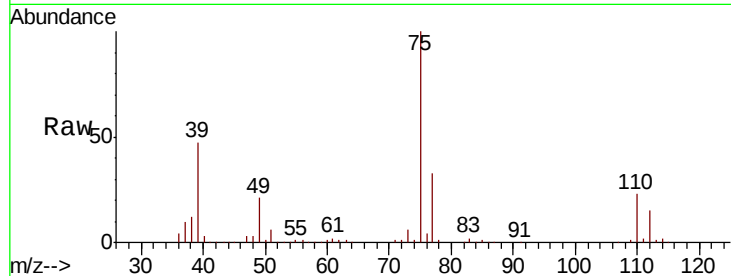




#53
 t-1,3-Dichloropropene
 Concen: 46.421 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

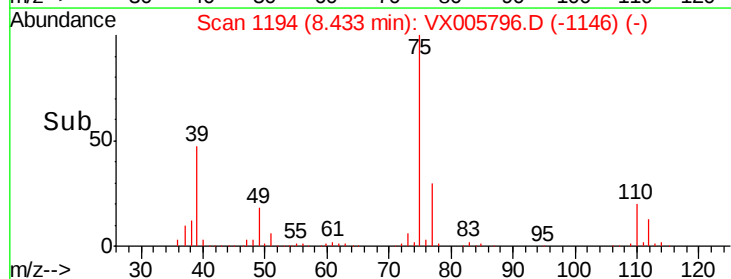
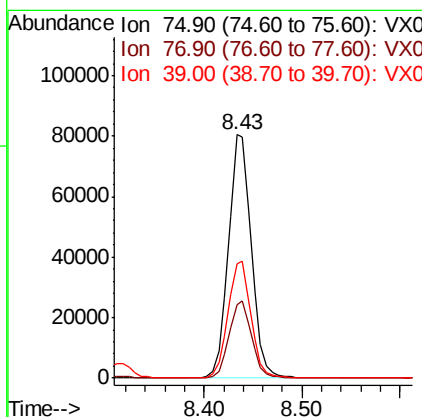
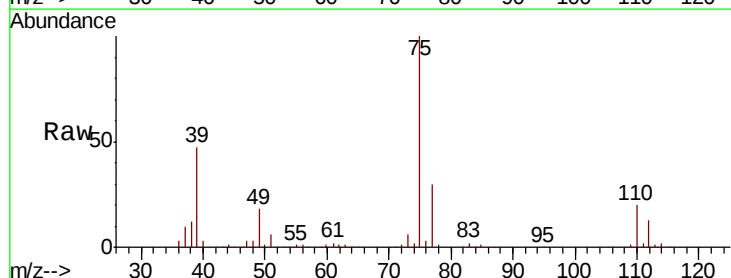
Instrument :
 MSVOA_X
 ClientSampleId :

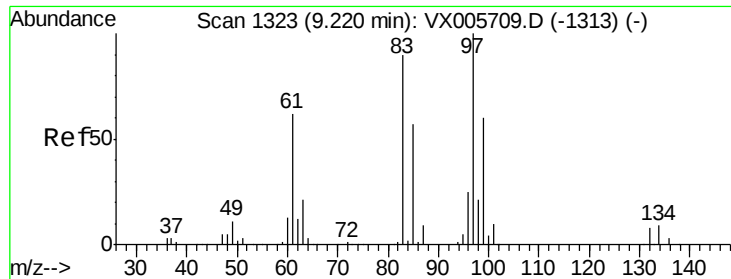
Tot Ion: 75 Resp: 117716
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.949 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion: 75 Resp: 130272
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.2 37.8
 39 46.6 38.2 57.2

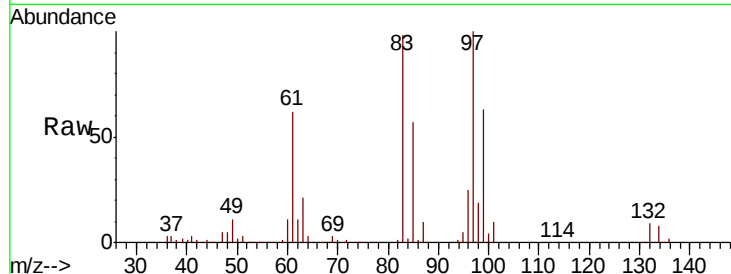




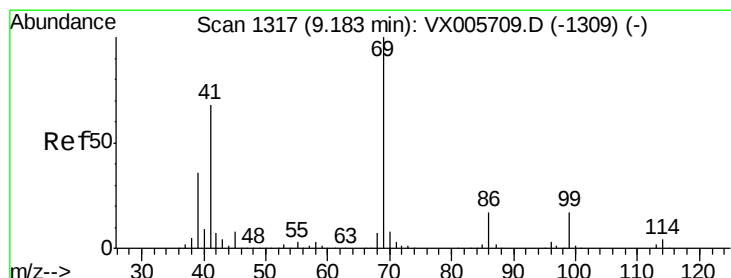
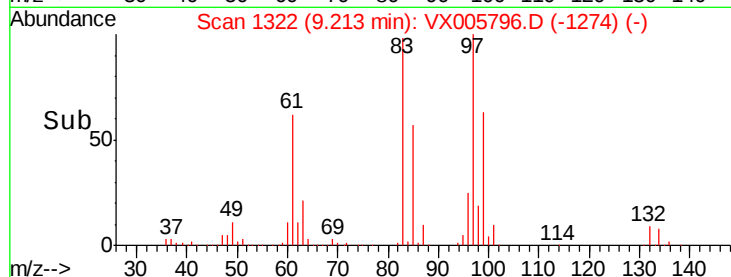
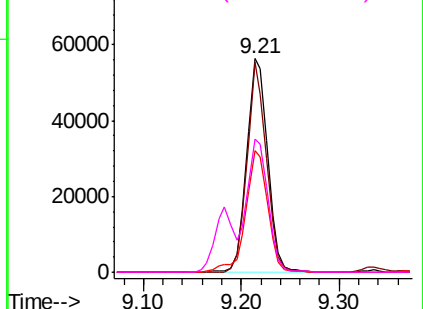
#55
 1,1,2-Trichloroethane
 Concen: 46.714 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 83584
 Ion Ratio Lower Upper
 97 100
 83 98.4 70.7 106.1
 85 57.2 45.8 68.6
 99 62.6 51.8 77.8

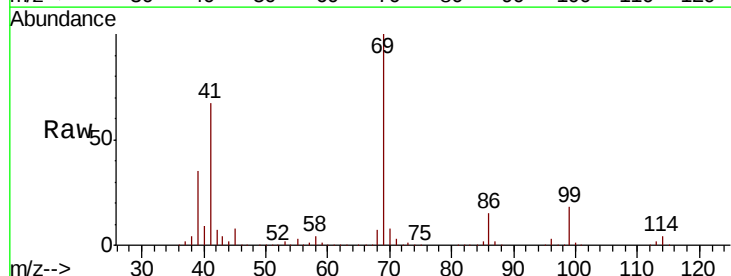


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

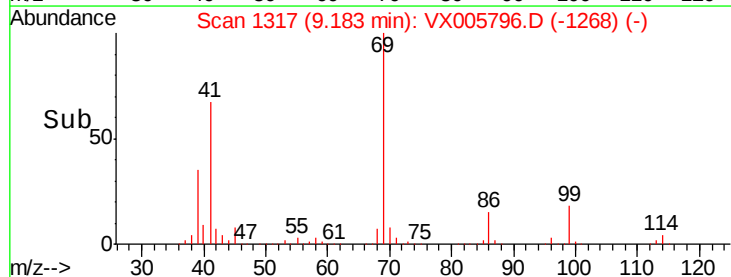
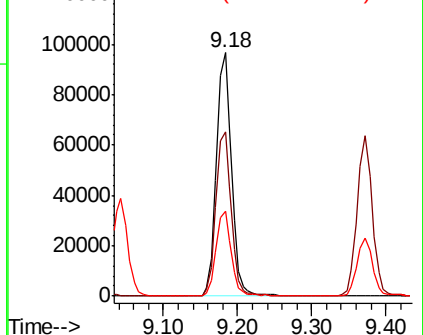


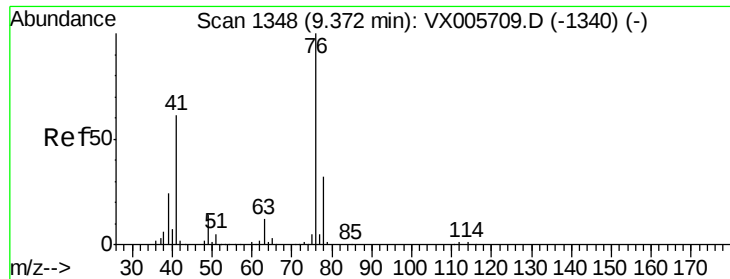
#56
 Ethyl methacrylate
 Concen: 44.526 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion: 69 Resp: 134373
 Ion Ratio Lower Upper
 69 100
 41 68.5 57.0 85.6
 39 35.1 28.3 42.5



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: 47.103 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

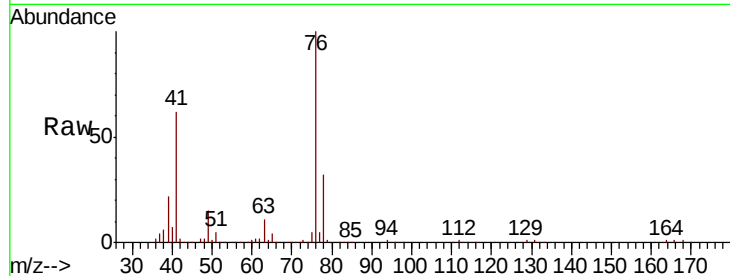
ClientSampleId :

Tot Ion: 76 Resp: 144773

Ion Ratio Lower Upper

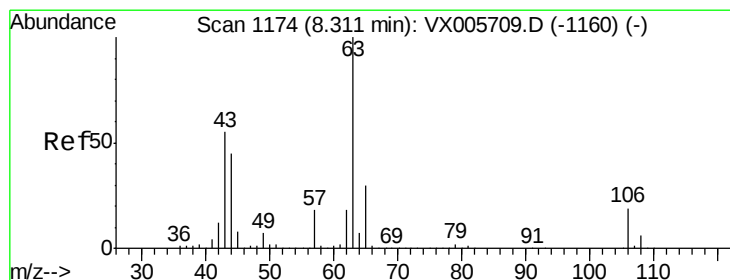
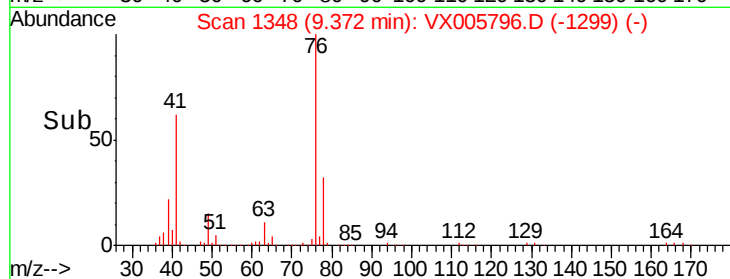
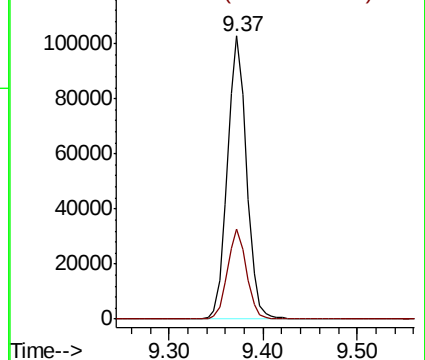
76 100

78 31.8 25.3 37.9



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: 229.815 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005796.D

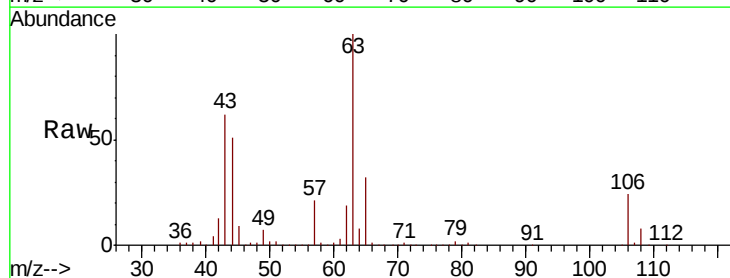
Acq: 05 Nov 2018 23:10

Tgt Ion: 63 Resp: 394937

Ion Ratio Lower Upper

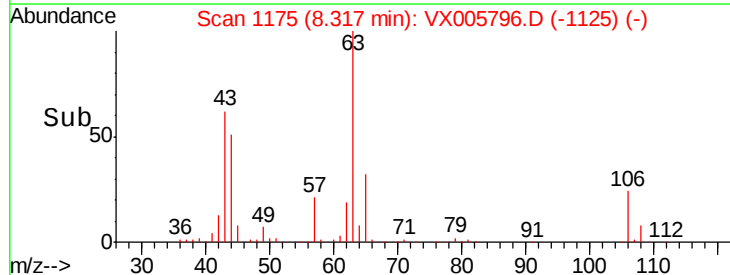
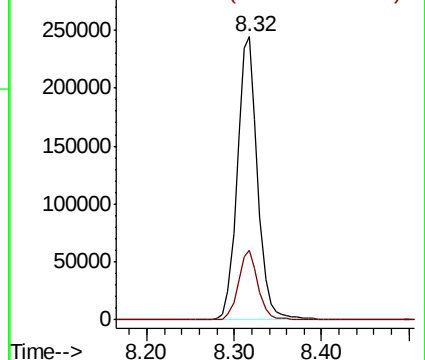
63 100

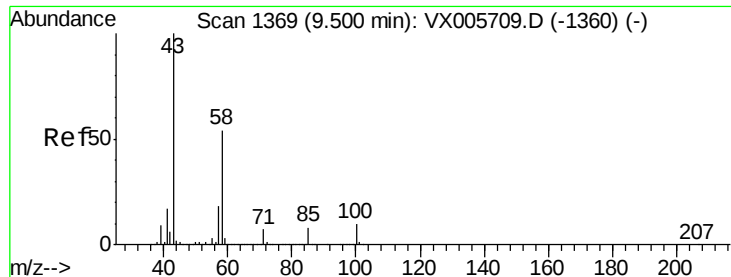
106 23.9 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

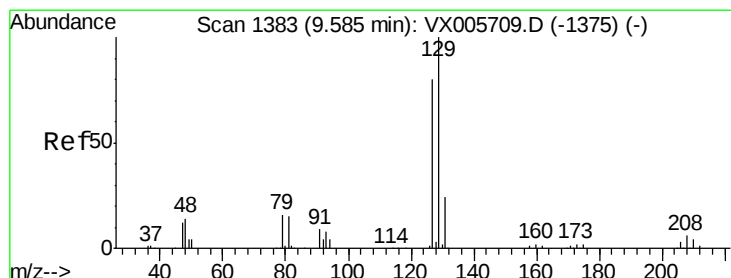
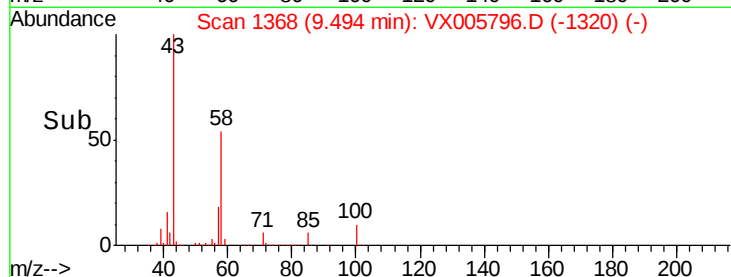
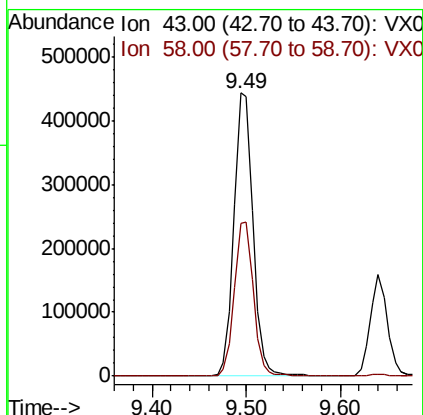
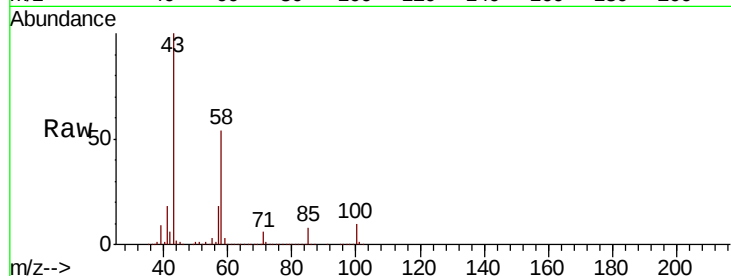




#59
2-Hexanone
Concen: 236.685 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

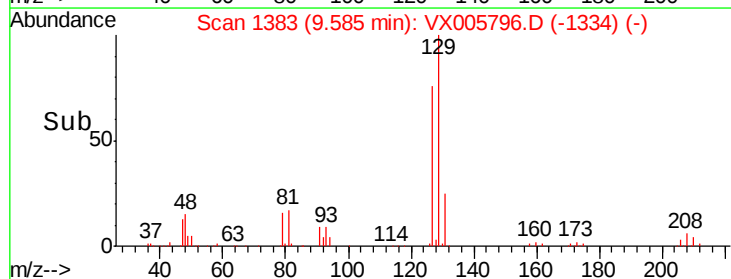
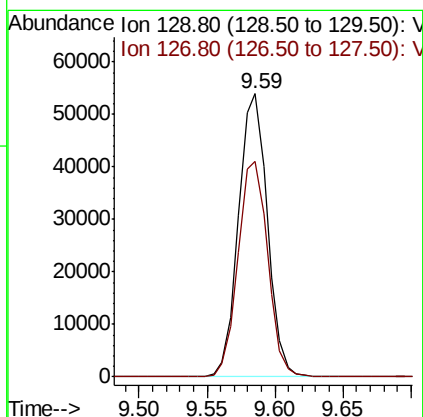
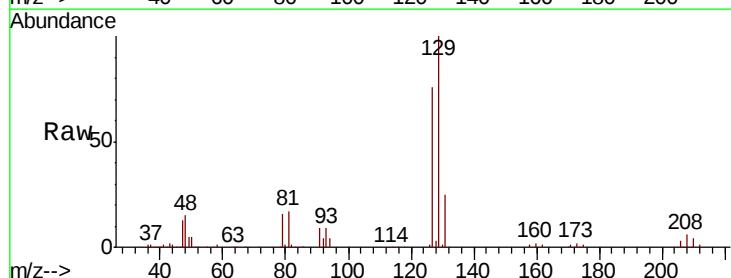
Instrument :
MSVOA_X
ClientSampleId :

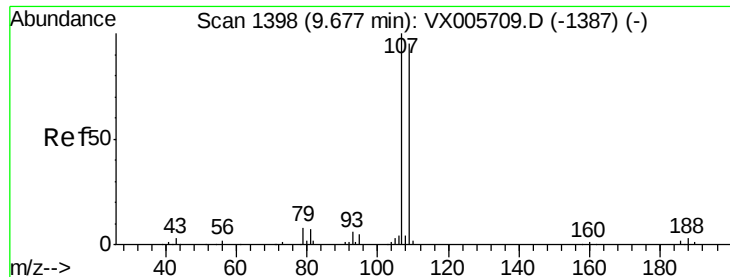
Tot Ion: 43 Resp: 622672
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.8



#60
Dibromochloromethane
Concen: 46.386 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion:129 Resp: 80200
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 47.309 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

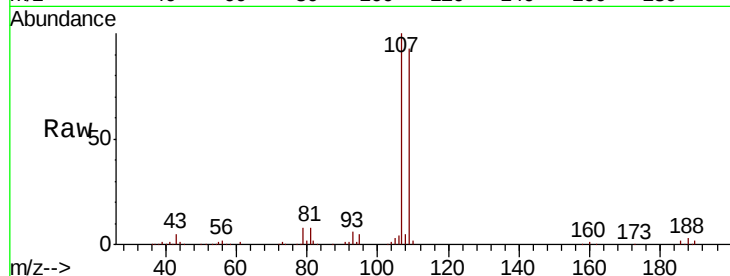
ClientSampleId :

Tot Ion:107 Resp: 86254

Ion Ratio Lower Upper

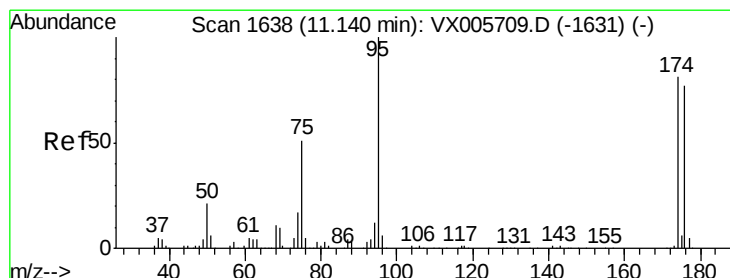
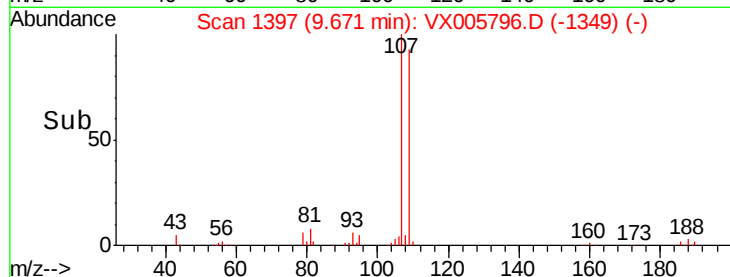
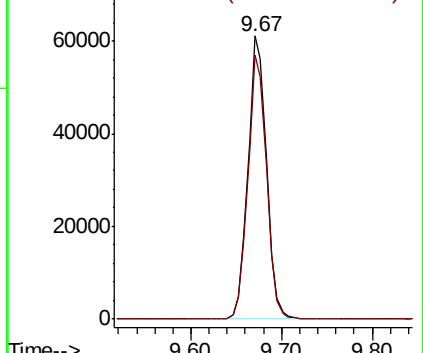
107 100

109 94.2 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: 49.381 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

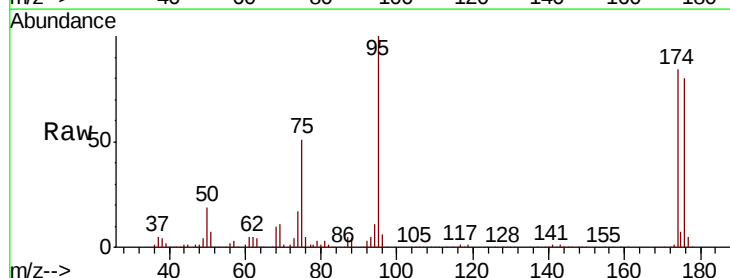
Tgt Ion: 95 Resp: 106363

Ion Ratio Lower Upper

95 100

174 80.9 0.0 184.4

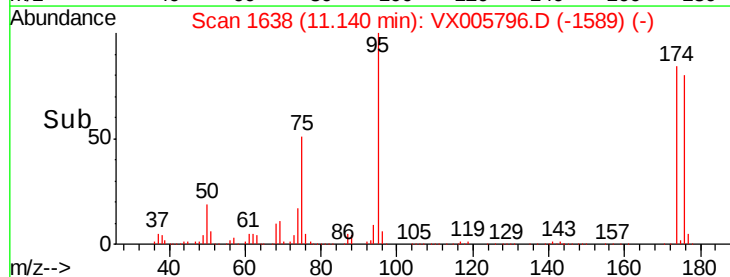
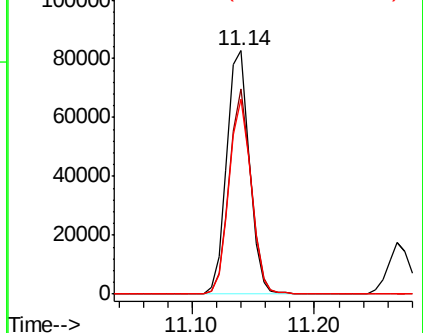
176 78.1 0.0 177.4

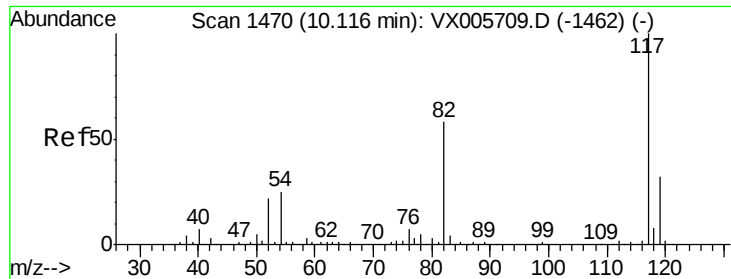


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

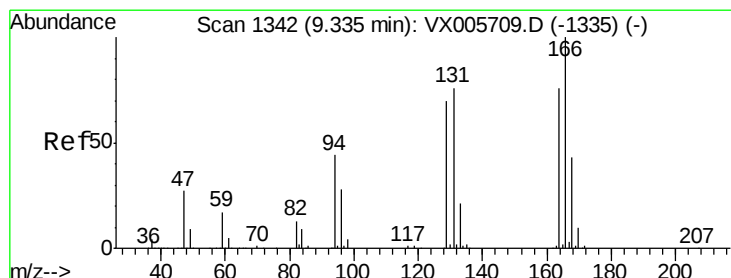
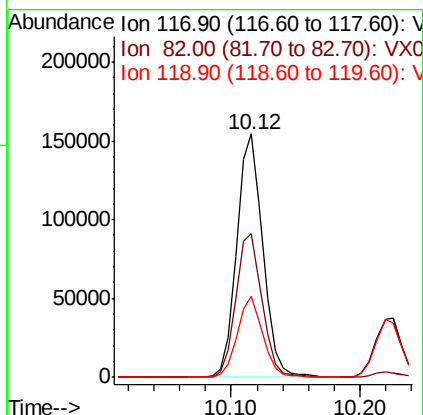
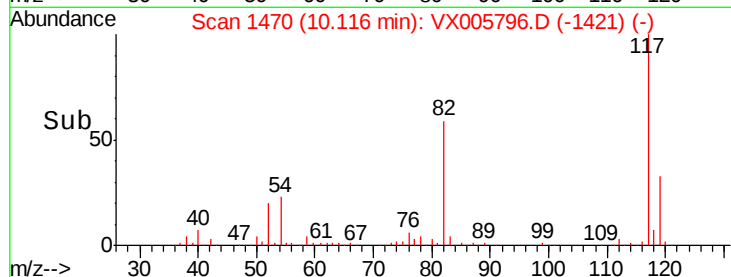
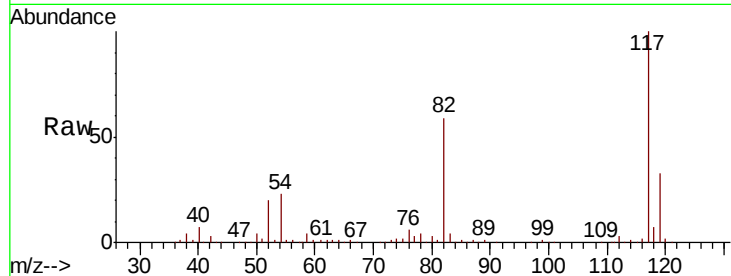




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

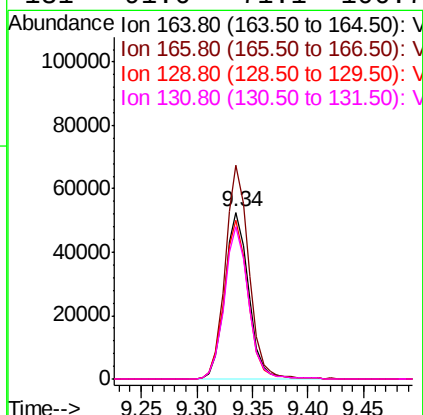
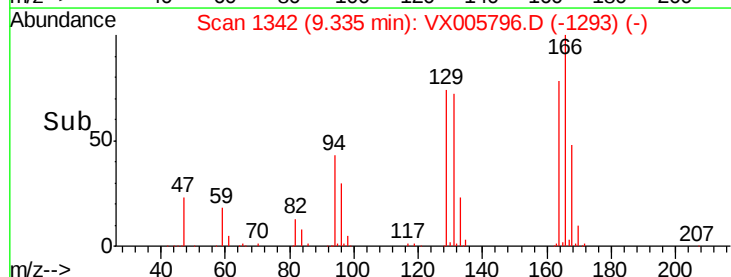
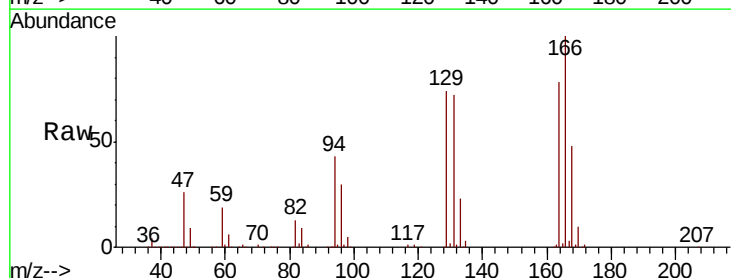
Instrument :
MSVOA_X
ClientSampleId :

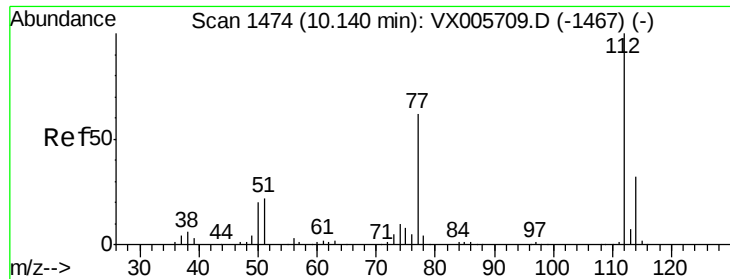
Tot Ion:117 Resp: 216498
Ion Ratio Lower Upper
117 100
82 58.9 44.1 66.1
119 33.1 26.2 39.2



#64
Tetrachloroethene
Concen: 49.259 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion:164 Resp: 77913
Ion Ratio Lower Upper
164 100
166 127.9 101.9 152.9
129 94.8 72.6 109.0
131 91.6 71.1 106.7

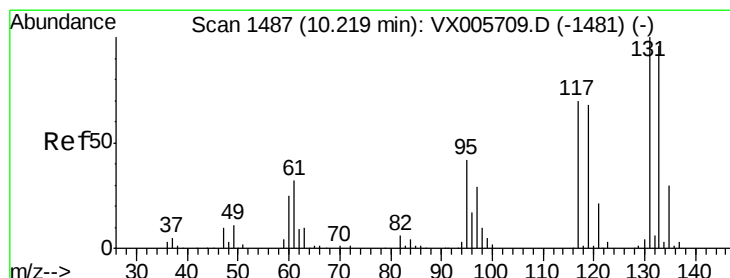
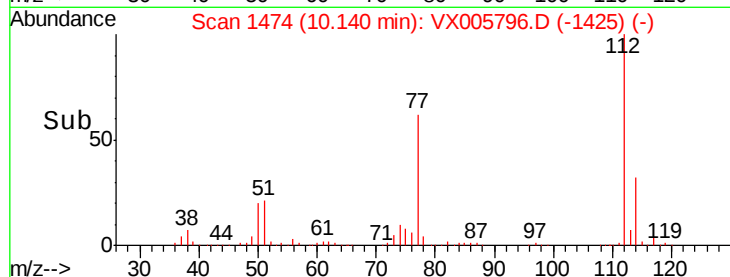
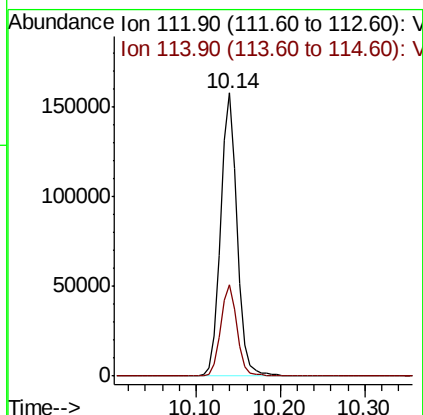
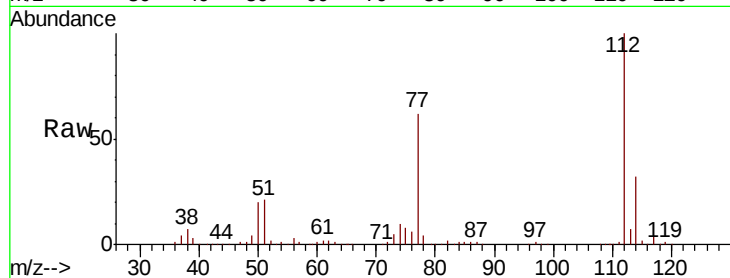




#65
Chlorobenzene
Concen: 46.586 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

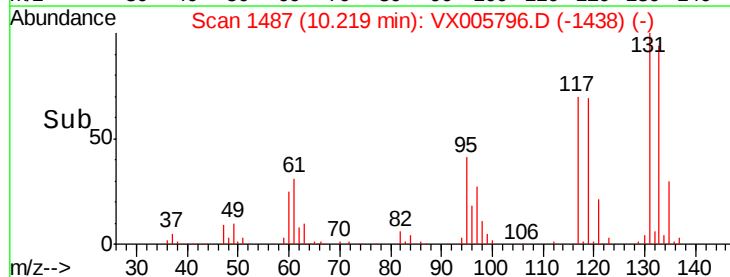
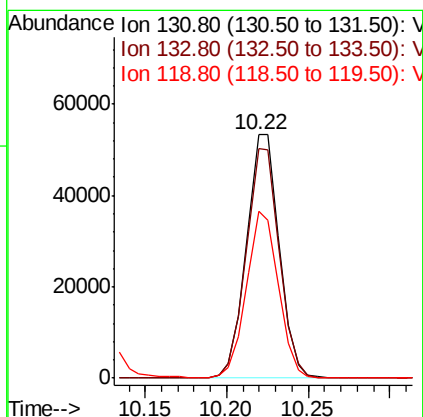
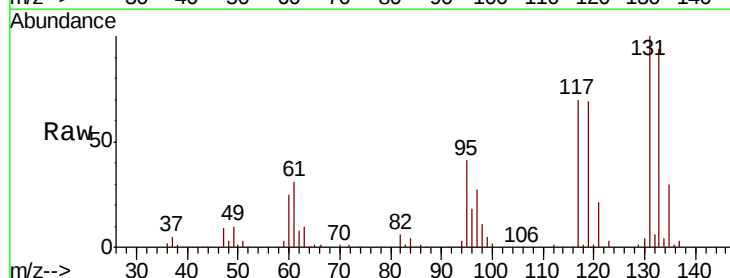
Instrument :
MSVOA_X
ClientSampleId :

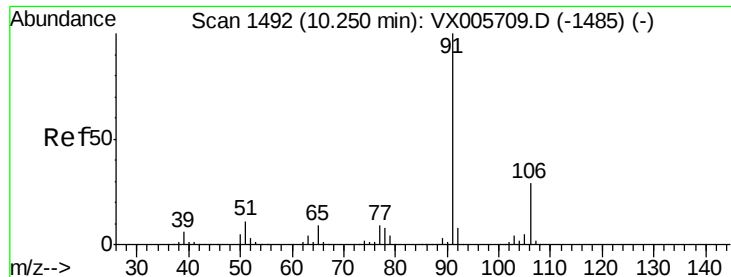
Tot Ion:112 Resp: 214324
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.479 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion:131 Resp: 74776
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 67.5 31.8 95.3

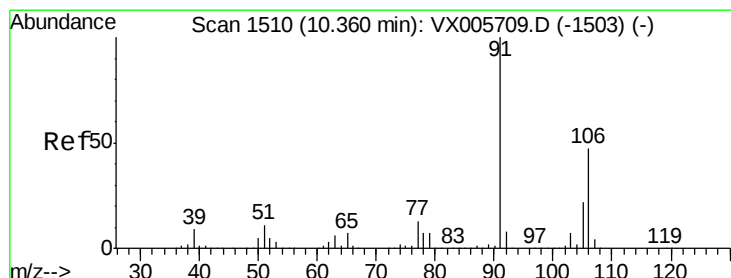
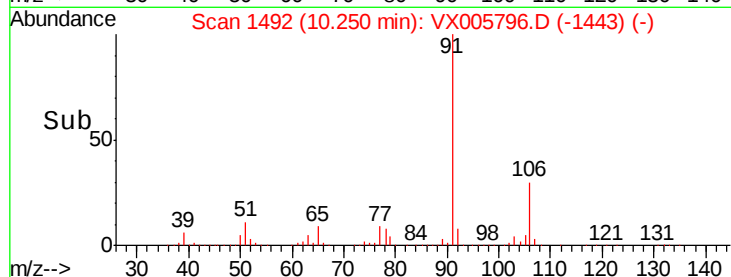
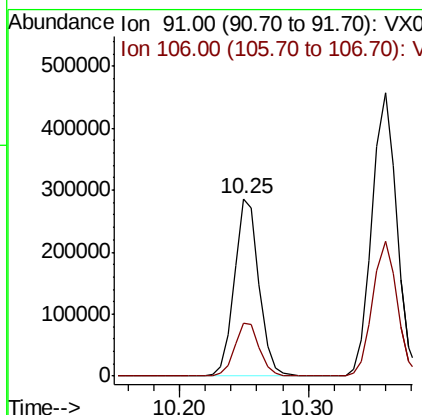
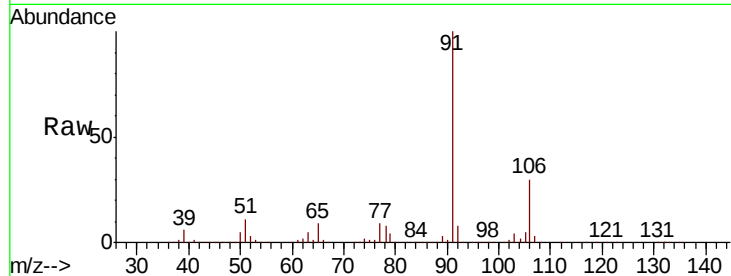




#67
Ethyl Benzene
Concen: 48.622 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

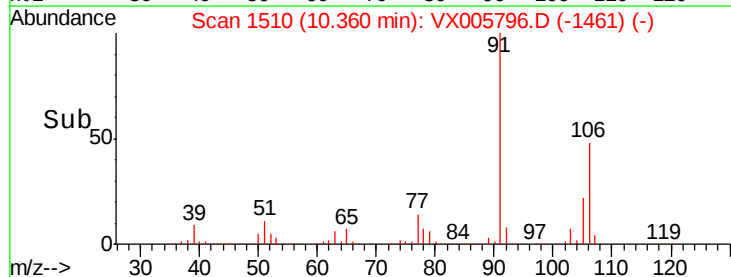
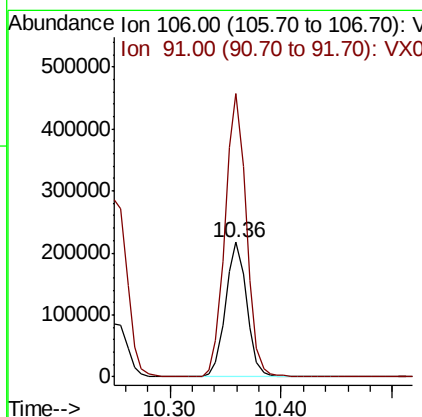
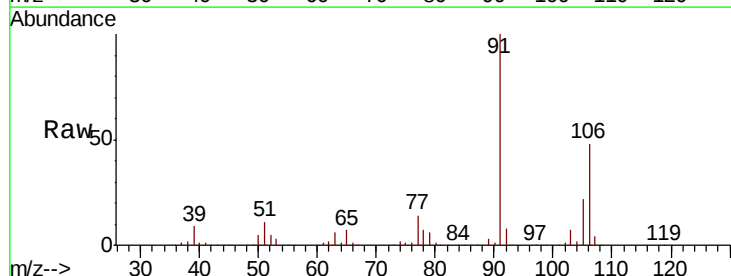
Instrument :
MSVOA_X
ClientSampled :

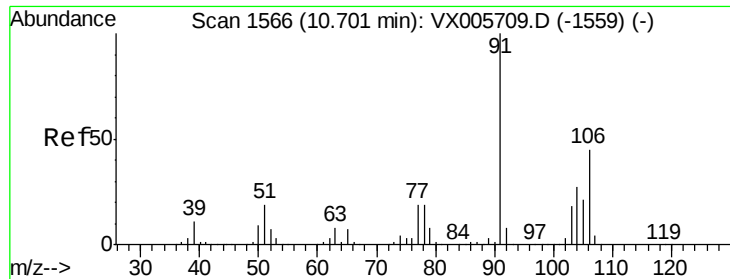
Tot Ion: 91 Resp: 381760
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#68
m/p-Xylenes
Concen: 97.891 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 106 Resp: 285604
Ion Ratio Lower Upper
106 100
91 211.9 164.2 246.4

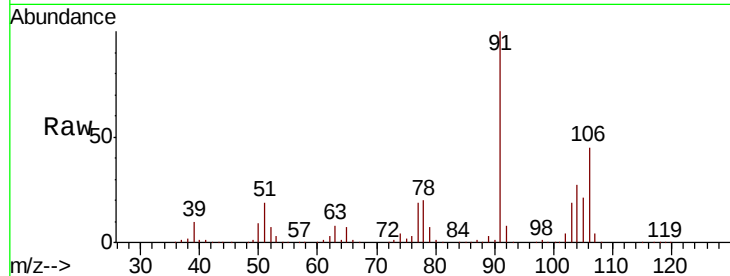




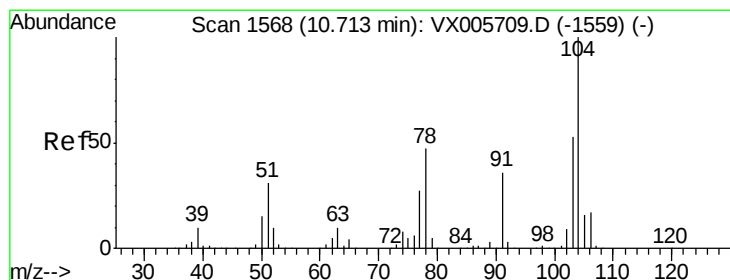
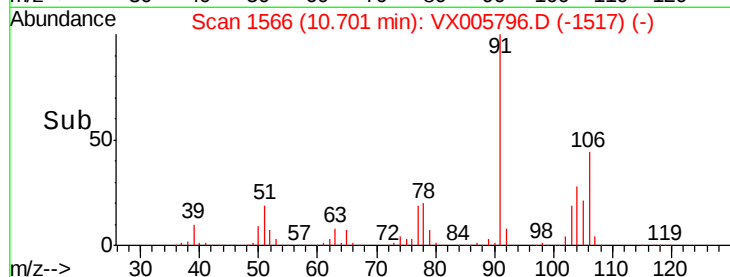
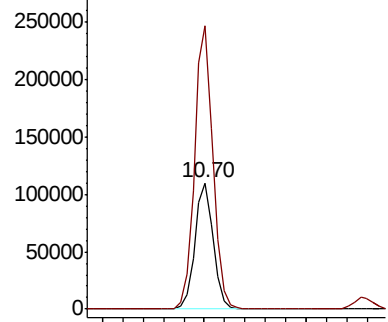
#69
o-Xylene
Concen: 49.126 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 137082
Ion Ratio Lower Upper
106 100
91 225.1 108.5 325.5

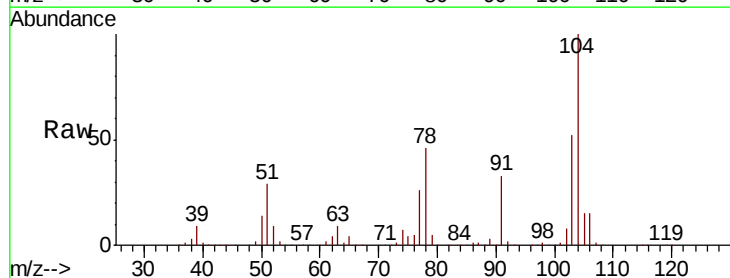


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

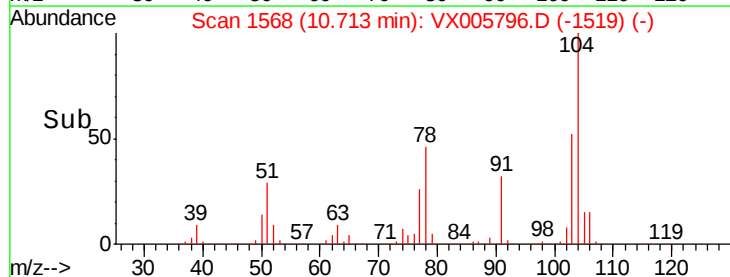
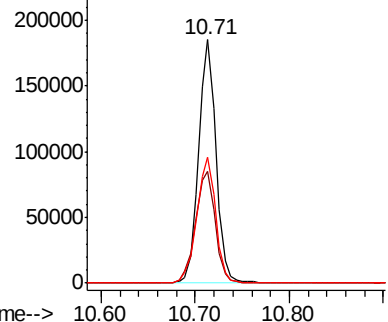


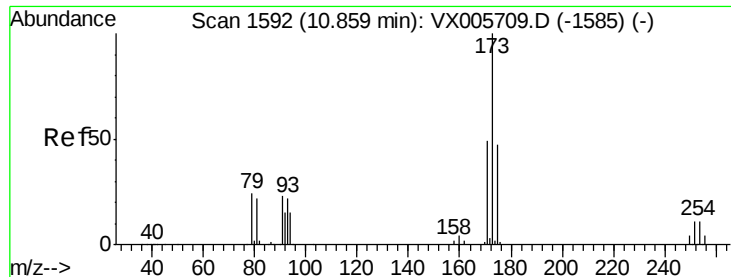
#70
Styrene
Concen: 51.109 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion:104 Resp: 236873
Ion Ratio Lower Upper
104 100
78 52.4 40.2 60.4
103 56.4 44.9 67.3



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





#71

Bromoform

Concen: 48.006 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

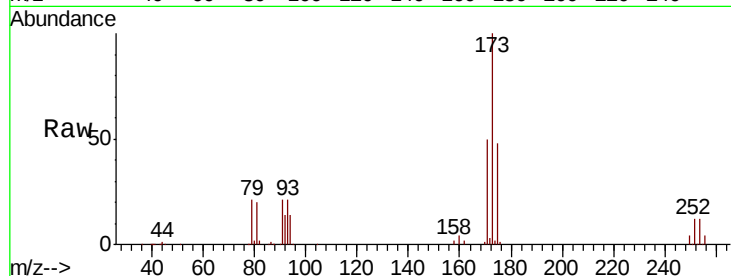
Tot Ion:173 Resp: 61259

Ion Ratio Lower Upper

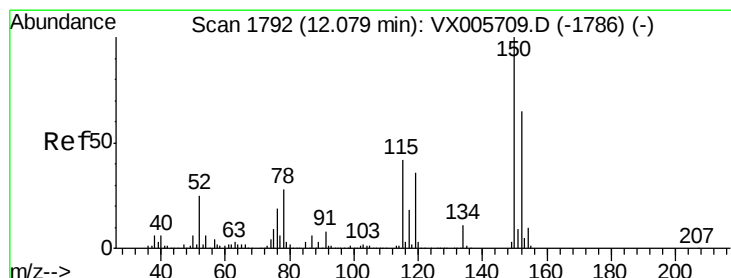
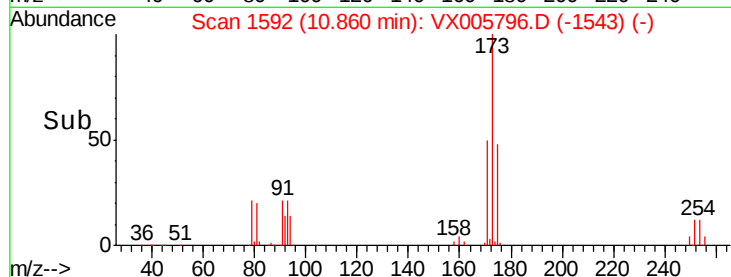
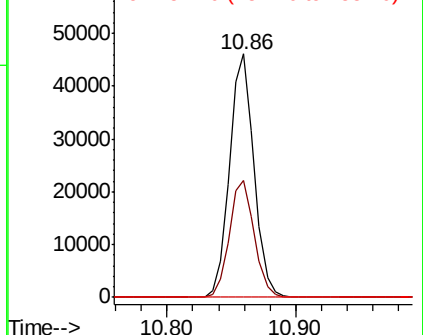
173 100

175 48.8 24.8 74.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

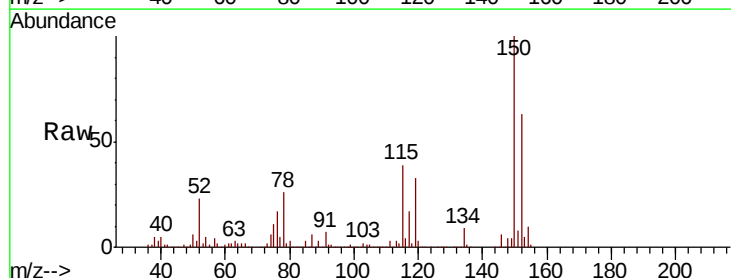
Tgt Ion:152 Resp: 116142

Ion Ratio Lower Upper

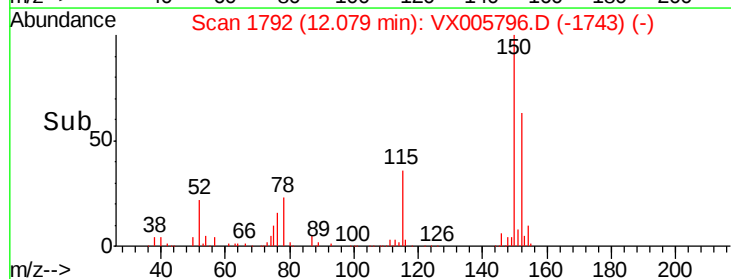
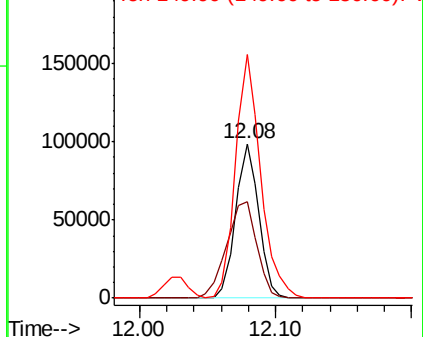
152 100

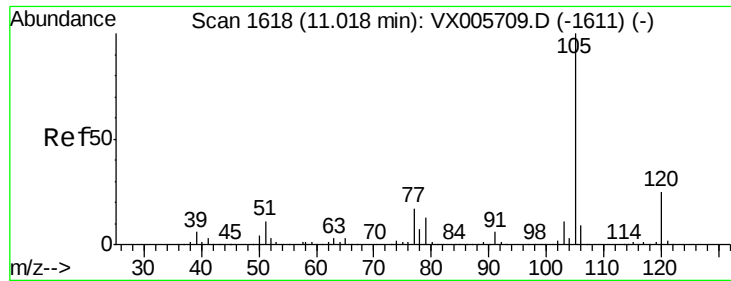
115 82.3 39.4 118.1

150 173.4 0.0 346.4



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

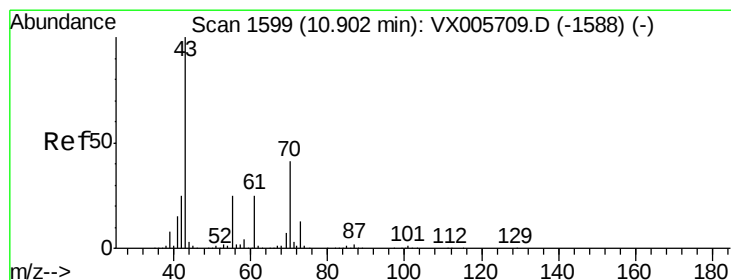
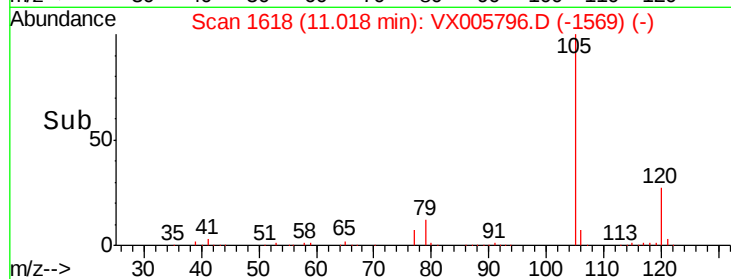
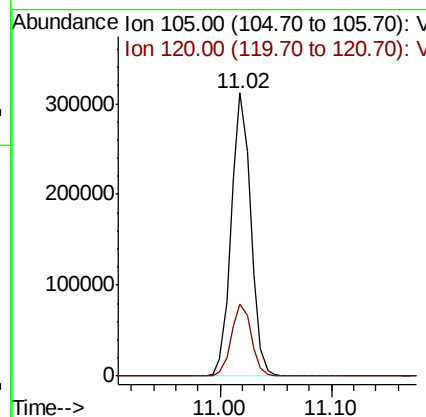
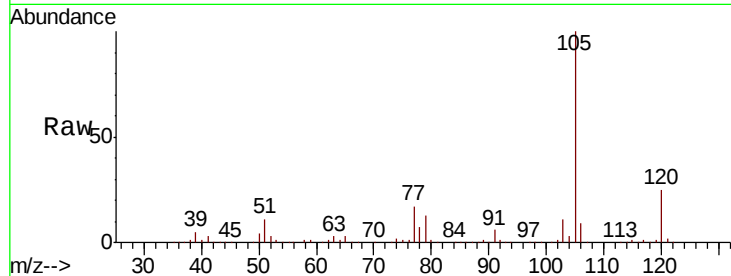




#73
Isopropylbenzene
Concen: 49.395 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

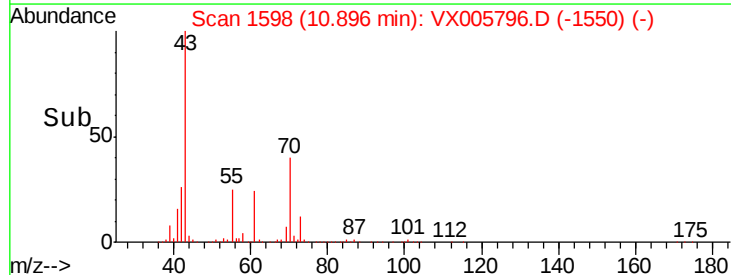
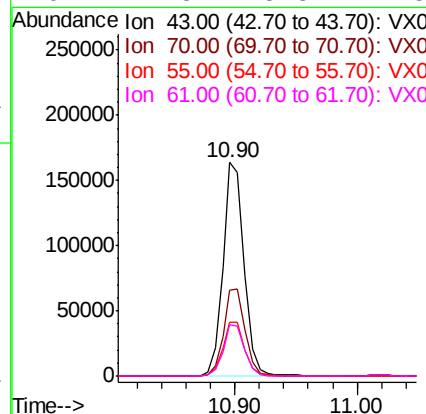
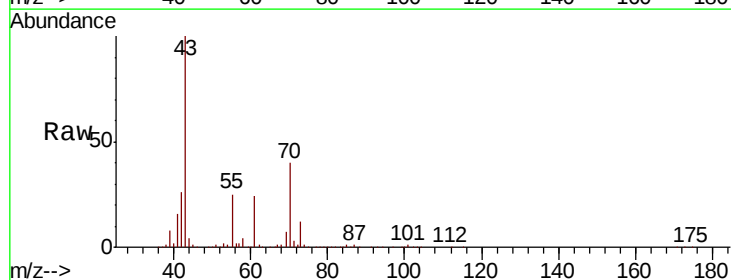
Instrument :
MSVOA_X
ClientSampleId :

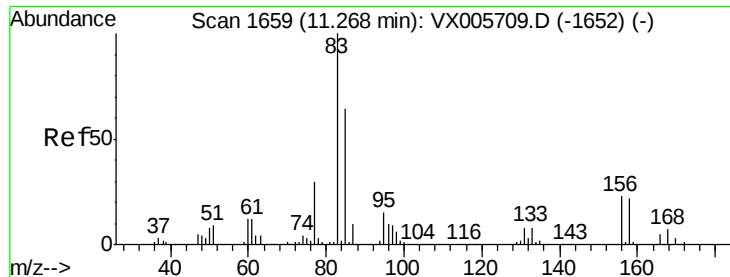
Tot Ion:105 Resp: 378476
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3



#74
N-ethyl acetate
Concen: 48.240 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 43 Resp: 196793
Ion Ratio Lower Upper
43 100
70 41.5 31.6 47.4
55 26.3 19.7 29.5
61 24.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.107 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

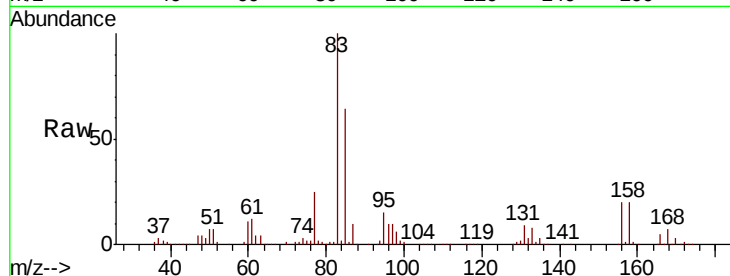
Tot Ion: 83 Resp: 146569

Ion Ratio Lower Upper

83 100

131 9.1 5.3 15.9

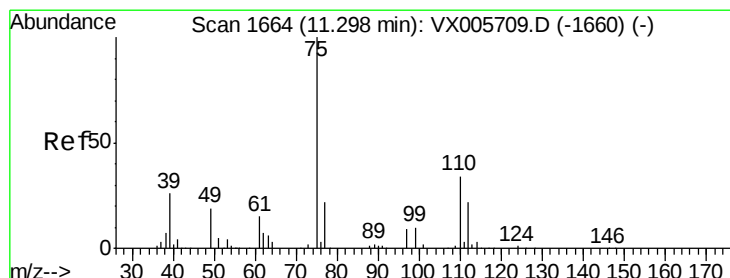
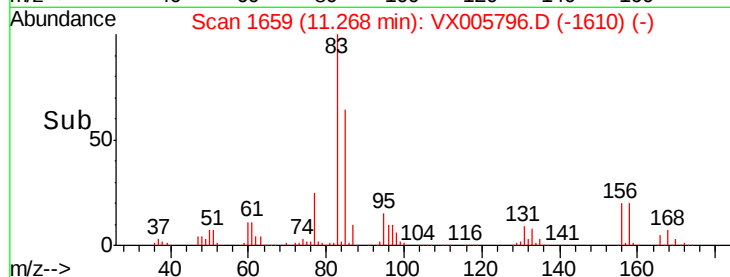
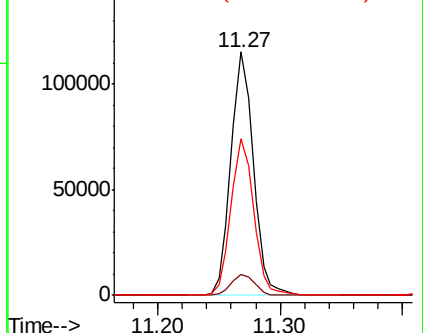
85 64.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.902 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005796.D

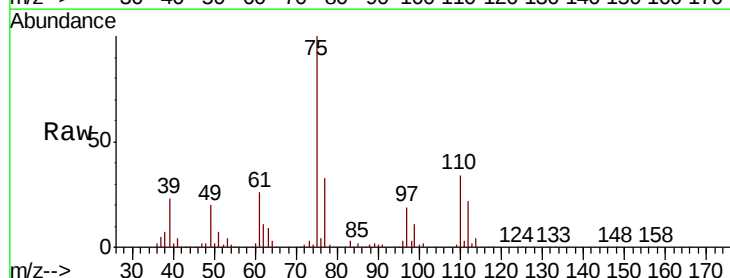
Acq: 05 Nov 2018 23:10

Tgt Ion: 75 Resp: 170384

Ion Ratio Lower Upper

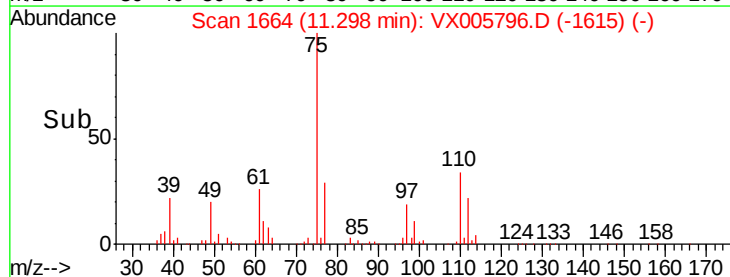
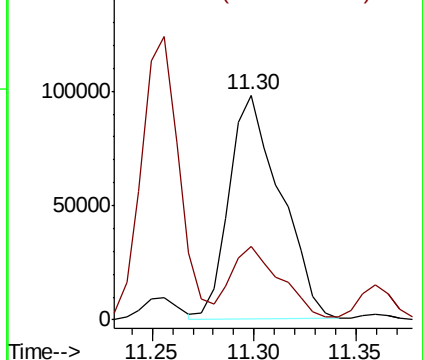
75 100

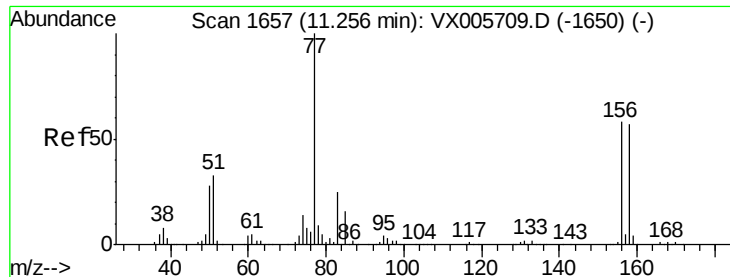
77 31.9 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.292 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

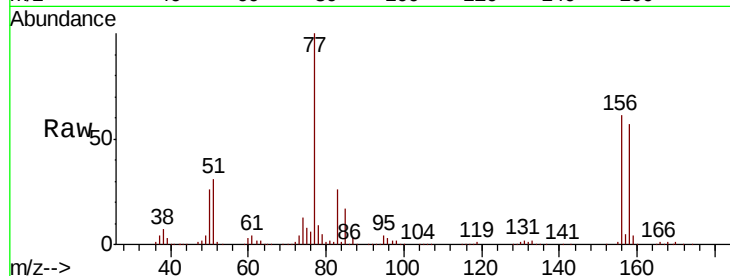
Tot Ion:156 Resp: 91792

Ion Ratio Lower Upper

156 100

77 173.2 74.8 224.4

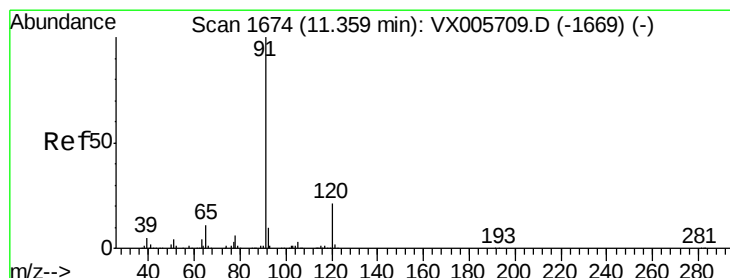
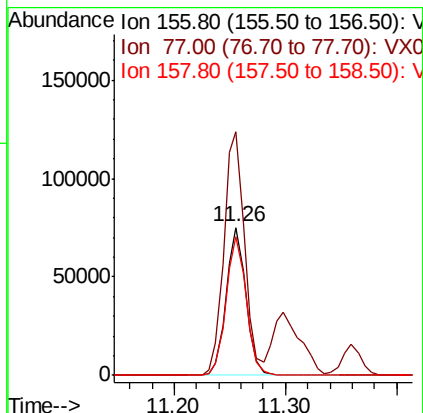
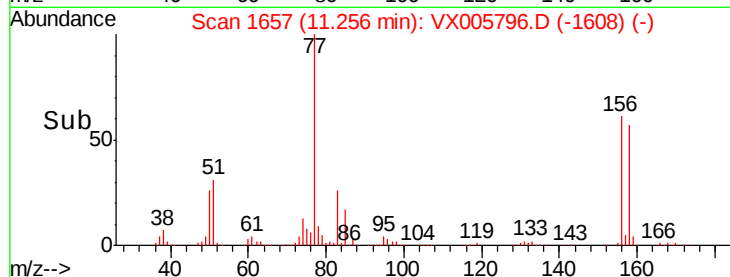
158 96.3 49.1 147.3



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: 49.080 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005796.D

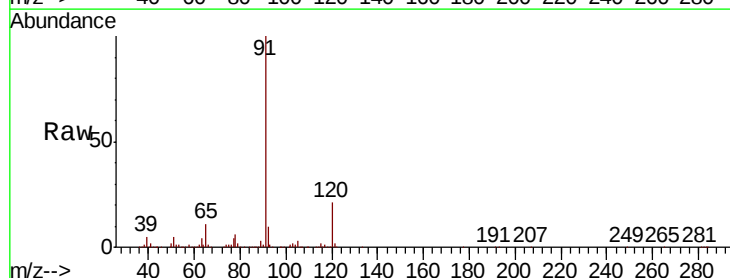
Acq: 05 Nov 2018 23:10

Tgt Ion: 91 Resp: 457485

Ion Ratio Lower Upper

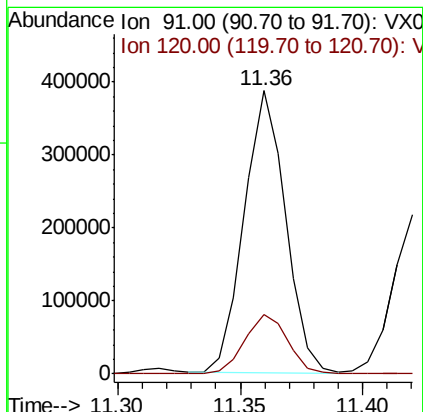
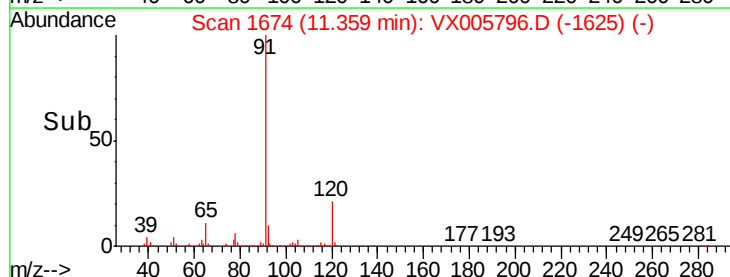
91 100

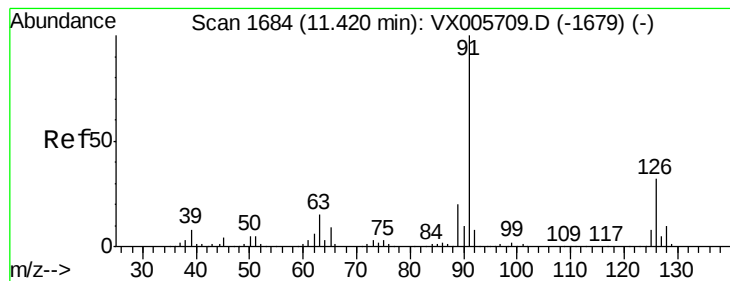
120 21.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.037 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

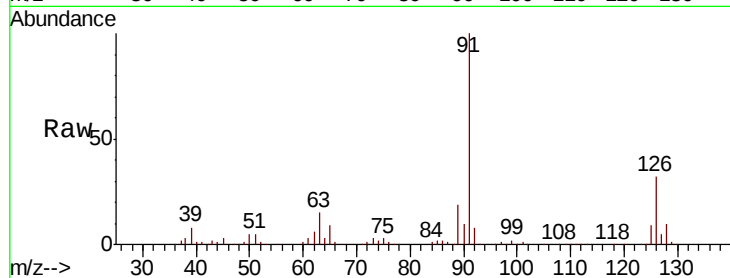
ClientSampled :

Tot Ion: 91 Resp: 267433

Ion Ratio Lower Upper

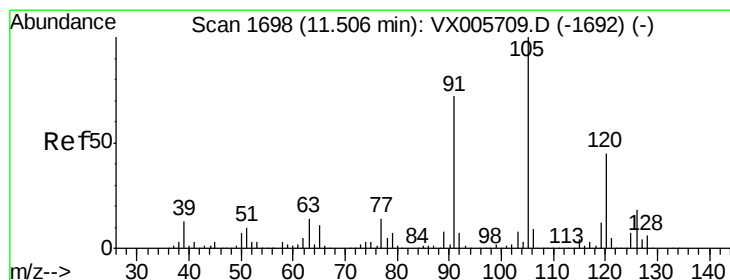
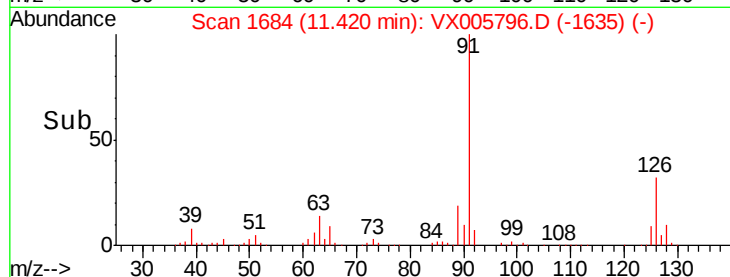
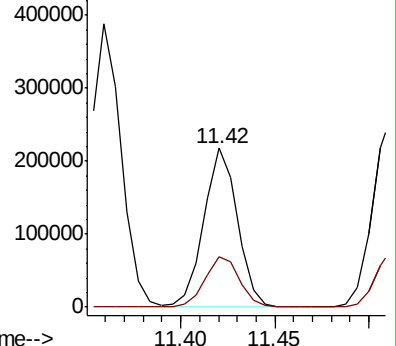
91 100

126 32.8 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.907 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005796.D

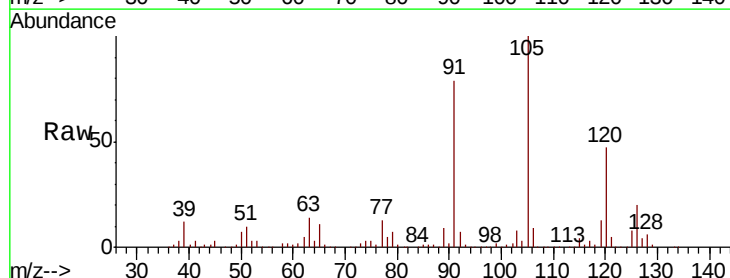
Acq: 05 Nov 2018 23:10

Tgt Ion:105 Resp: 324698

Ion Ratio Lower Upper

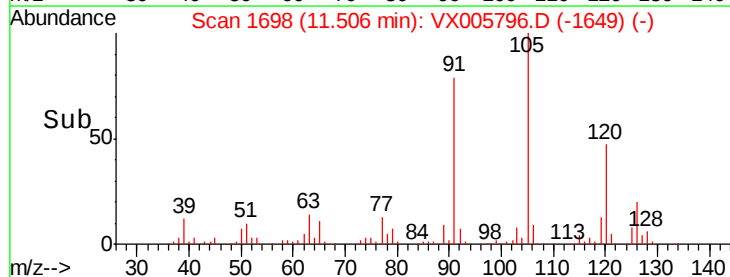
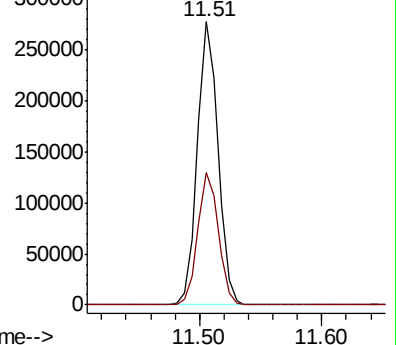
105 100

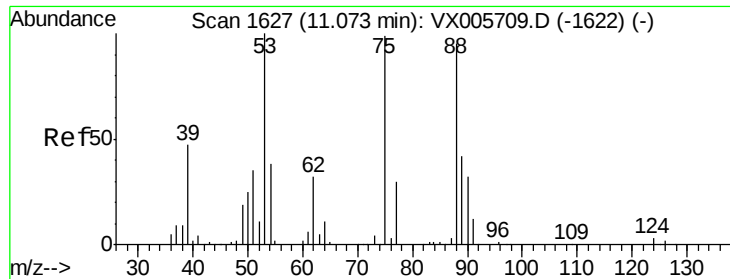
120 46.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.618 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

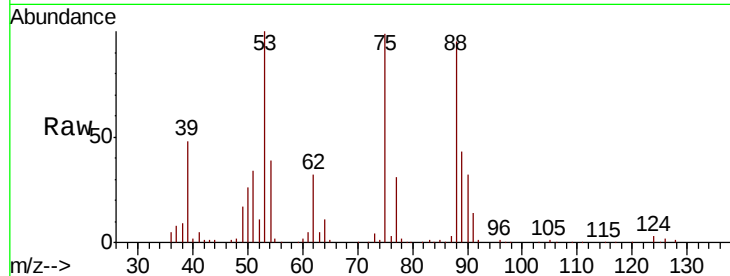
Tot Ion: 75 Resp: 40842

Ion Ratio Lower Upper

75 100

53 100.4 80.2 120.2

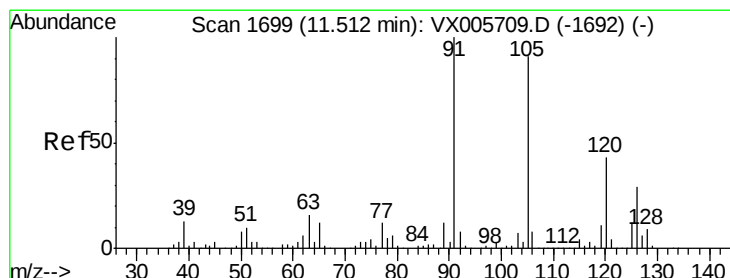
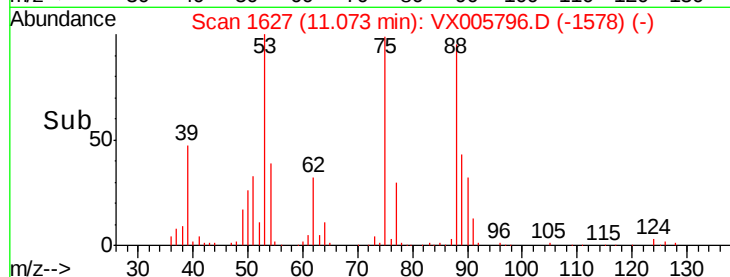
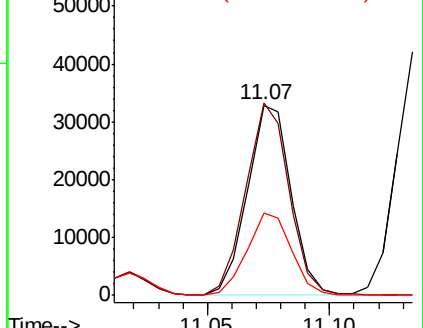
89 44.6 39.8 59.8



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: 48.134 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005796.D

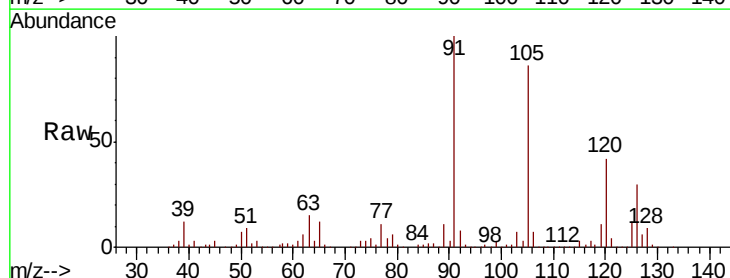
Acq: 05 Nov 2018 23:10

Tgt Ion: 91 Resp: 319920

Ion Ratio Lower Upper

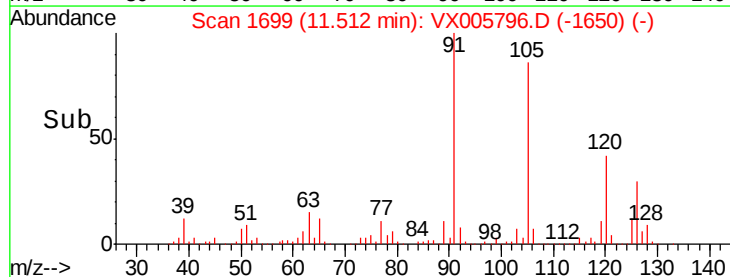
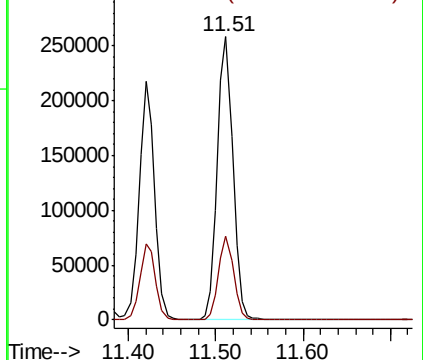
91 100

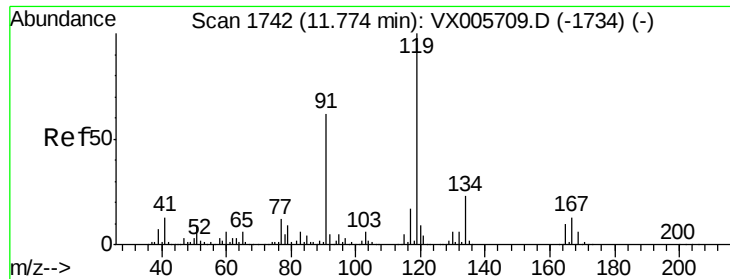
126 28.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.622 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampled :

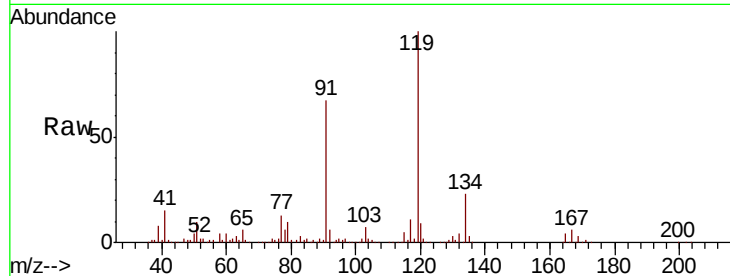
Tot Ion:119 Resp: 308035

Ion Ratio Lower Upper

119 100

91 59.9 28.5 85.5

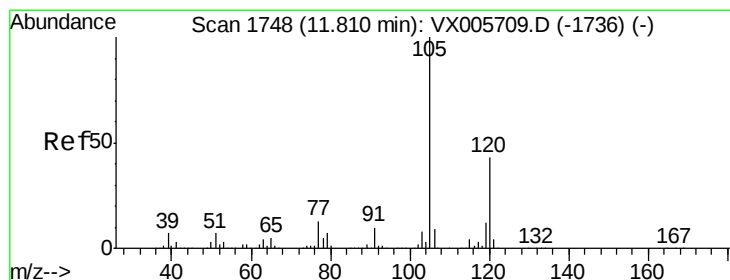
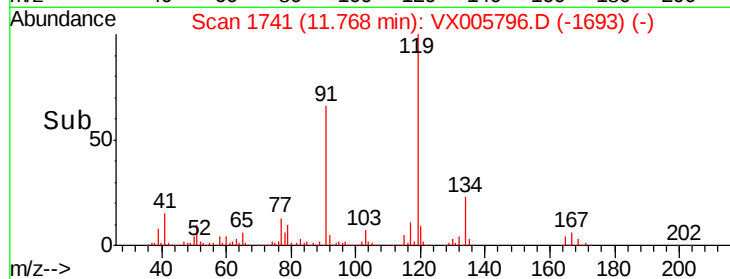
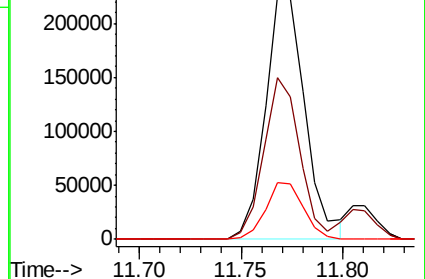
134 22.1 11.3 33.8



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: 50.598 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VX005796.D

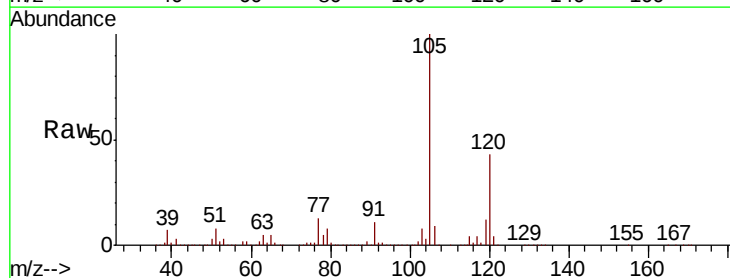
Acq: 05 Nov 2018 23:10

Tgt Ion:105 Resp: 332415

Ion Ratio Lower Upper

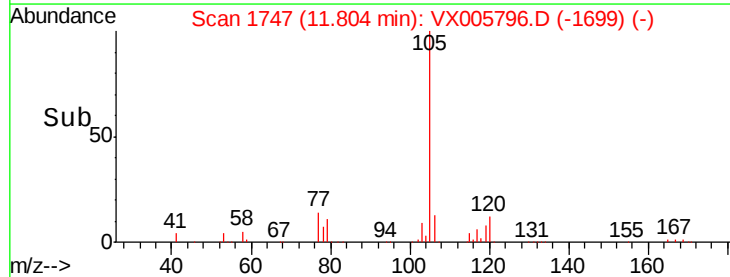
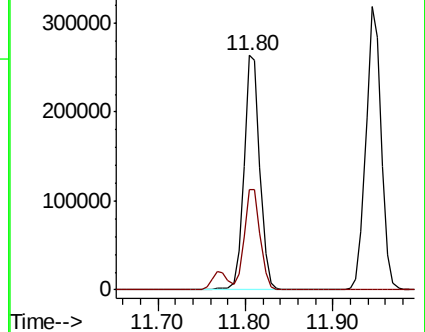
105 100

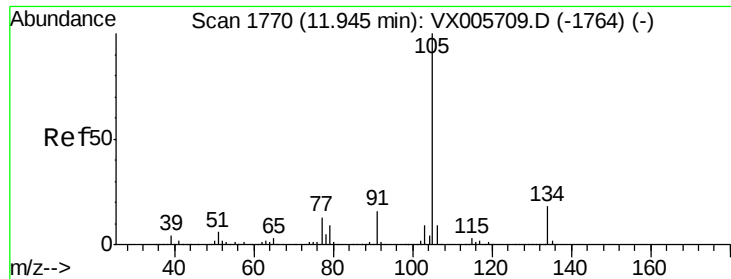
120 43.1 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.902 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

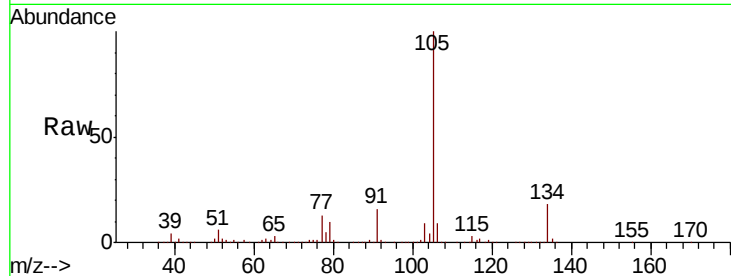
ClientSampleId :

Tot Ion:105 Resp: 389406

Ion Ratio Lower Upper

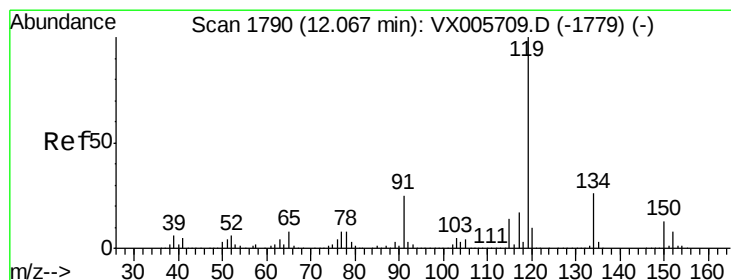
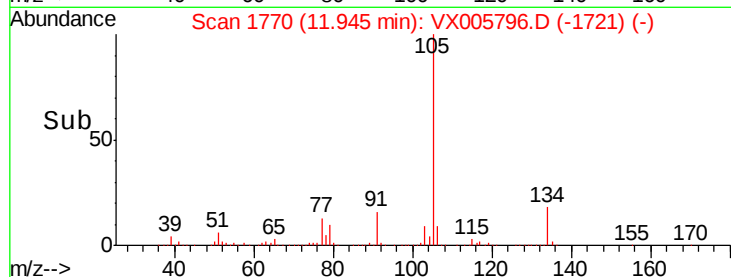
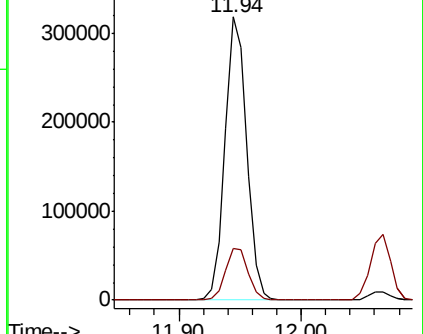
105 100

134 18.9 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.801 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

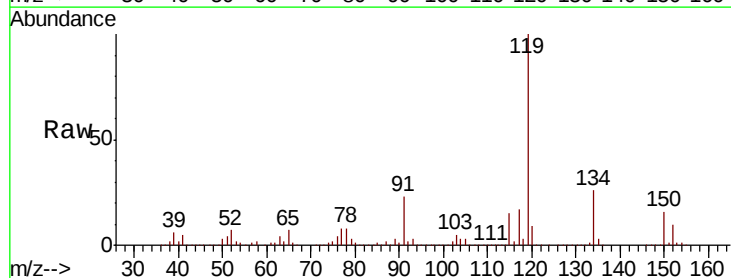
Tgt Ion:119 Resp: 337271

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

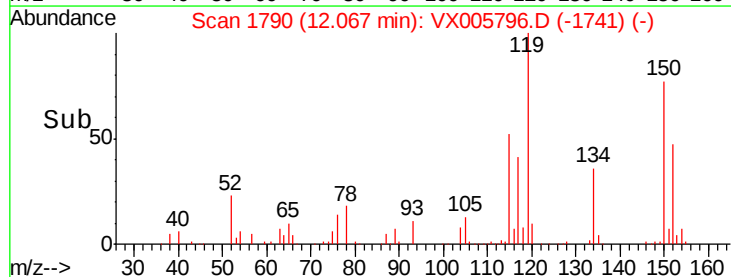
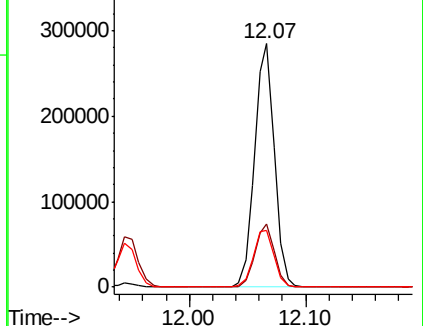
91 24.3 11.4 34.2

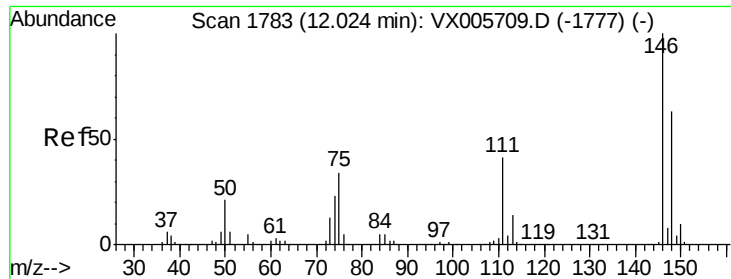


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

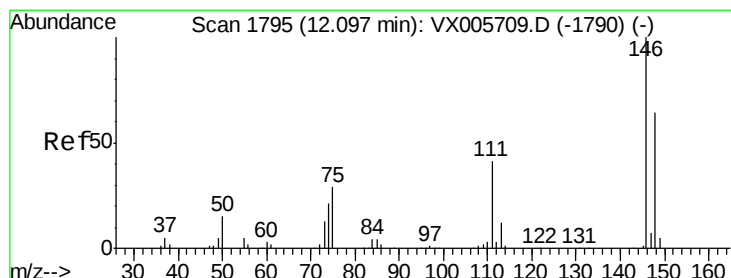
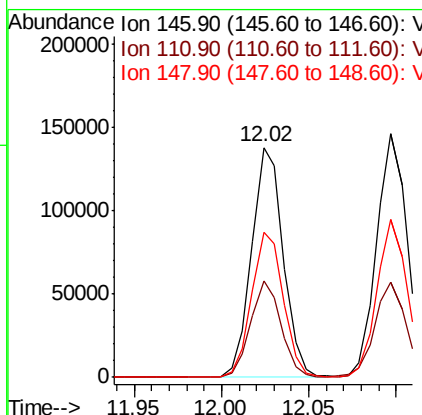
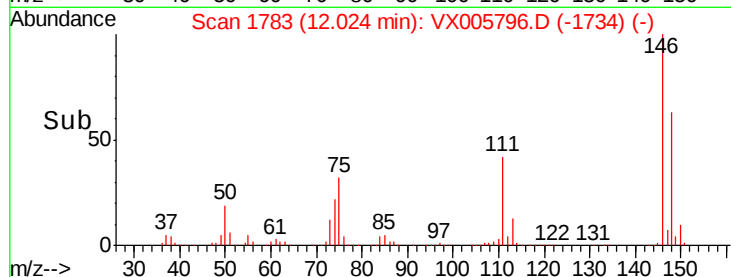
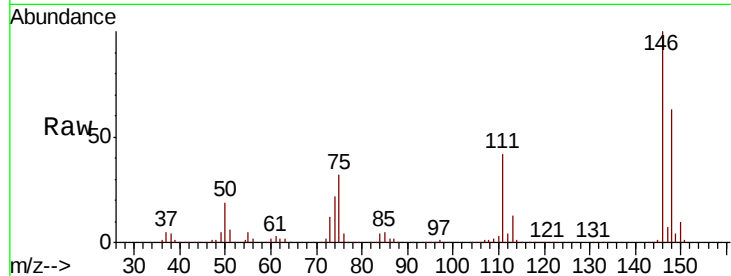




#87
 1,3-Dichlorobenzene
 Concen: 47.084 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

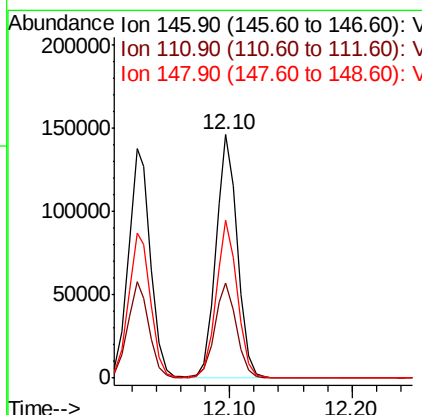
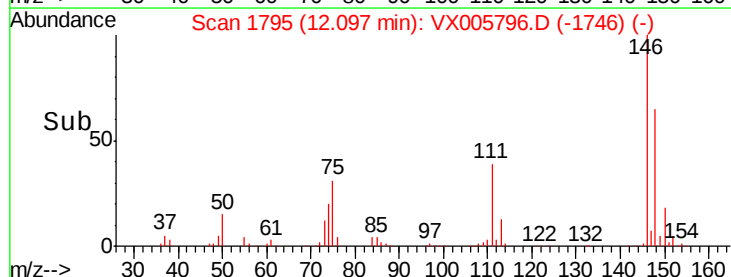
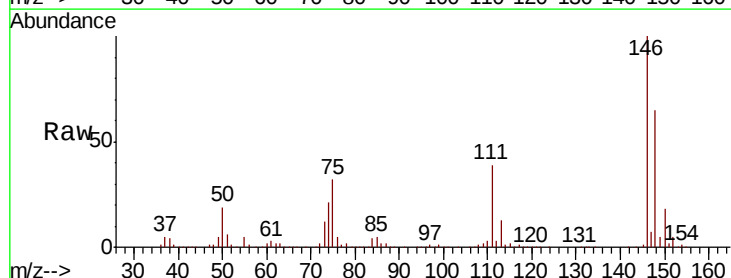
Instrument :
 MSVOA_X
 ClientSampleId :

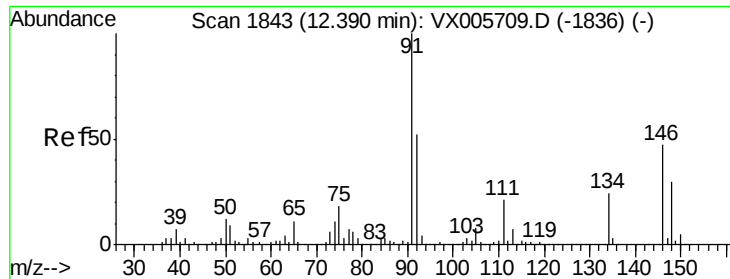
Tot Ion:146 Resp: 173046
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.0 57.0
 148 63.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 45.227 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion:146 Resp: 178569
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.6 55.8
 148 63.9 32.1 96.3

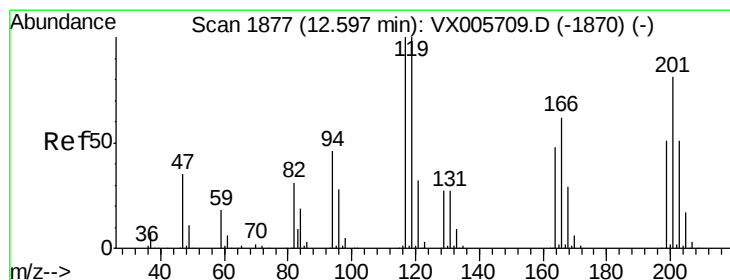
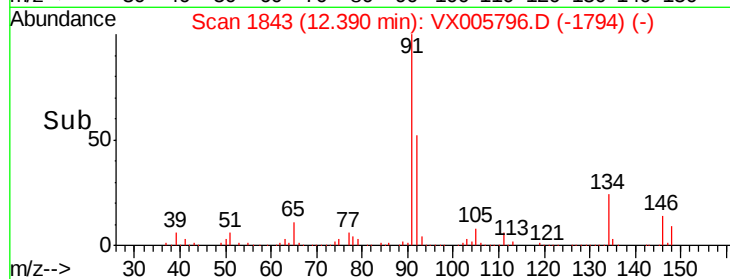
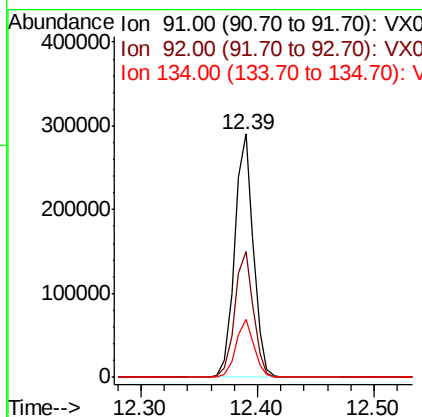
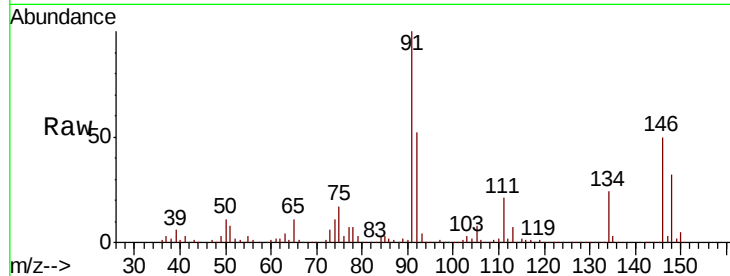




#89
n-Butylbenzene
Concen: 47.429 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

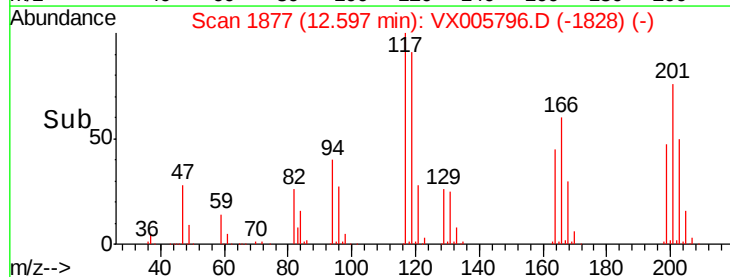
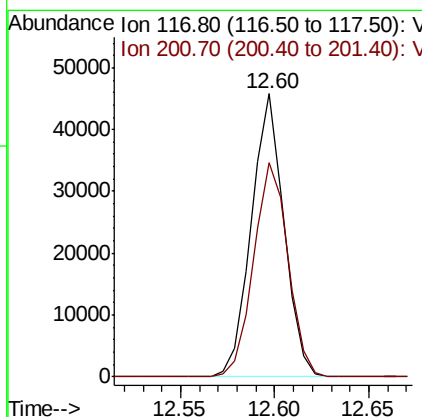
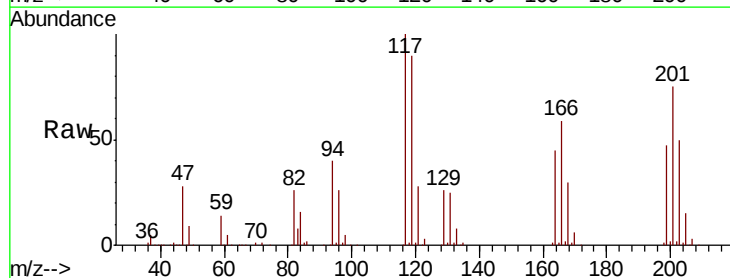
Instrument :
MSVOA_X
ClientSampled :

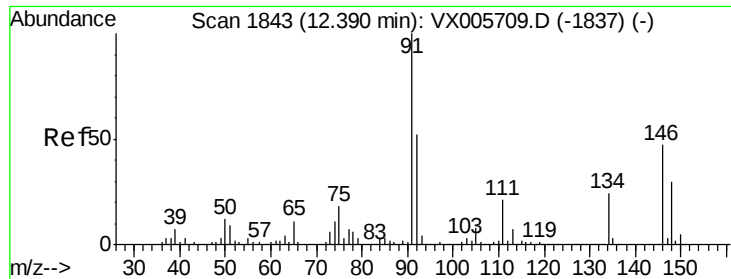
Tot Ion: 91 Resp: 324078
Ion Ratio Lower Upper
91 100
92 51.6 26.1 78.2
134 23.3 13.1 39.3



#90
Hexachloroethane
Concen: 45.724 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 117 Resp: 54938
Ion Ratio Lower Upper
117 100
201 79.5 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 46.220 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

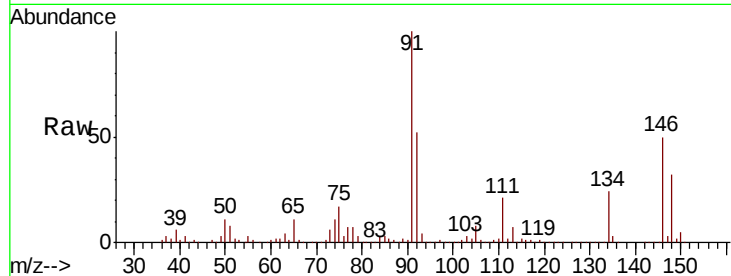
Tot Ion:146 Resp: 177465

Ion Ratio Lower Upper

146 100

111 42.7 20.0 59.9

148 63.8 32.2 96.6

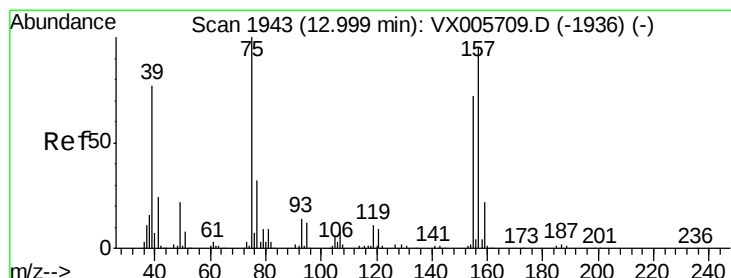
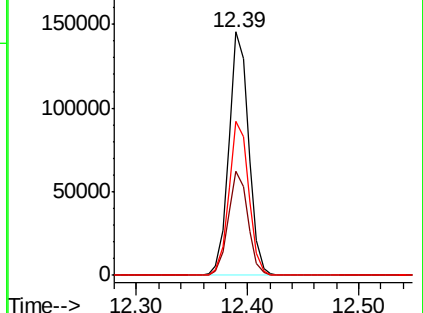
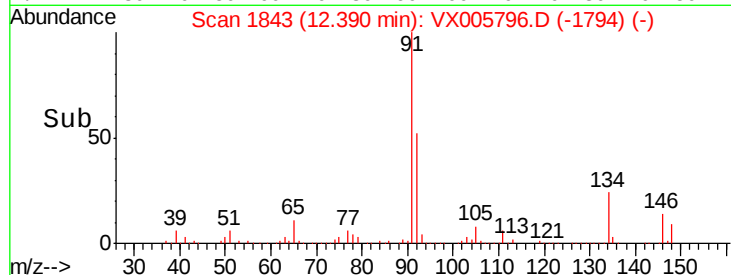


Abundance

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.929 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

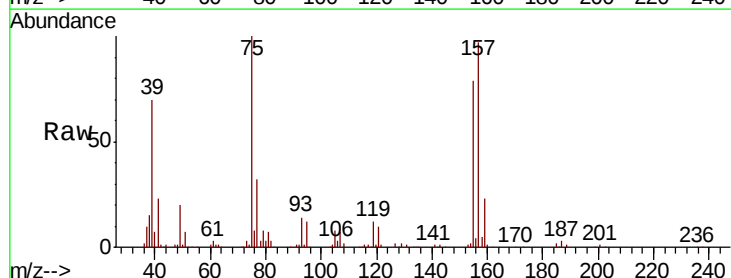
Tgt Ion: 75 Resp: 34990

Ion Ratio Lower Upper

75 100

155 81.4 45.4 136.1

157 102.2 57.4 172.0

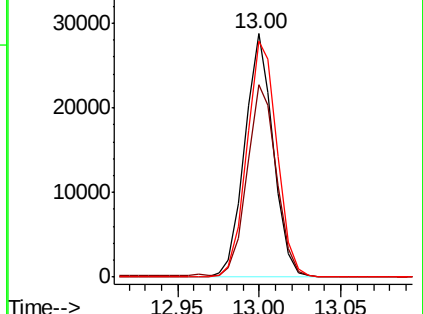
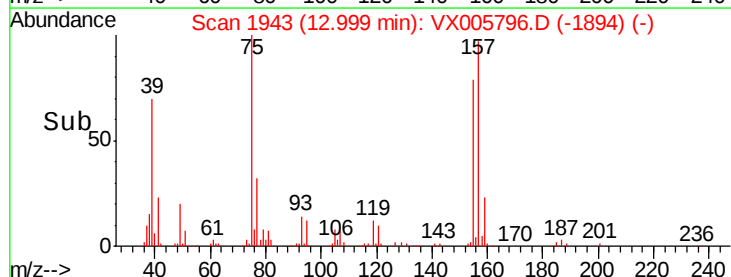


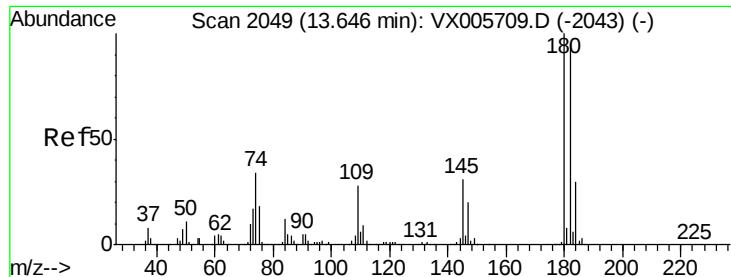
Abundance

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

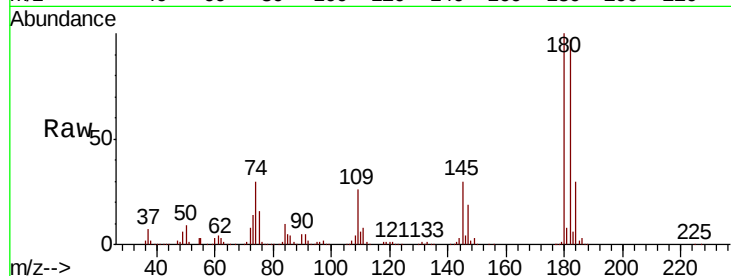




#93
 1,2,4-Trichlorobenzene
 Concen: 49.445 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.8
145	29.6	14.1	42.2

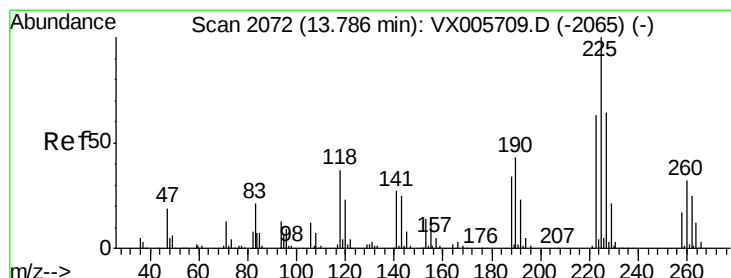
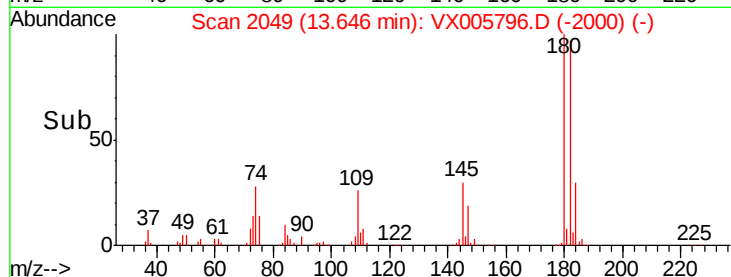
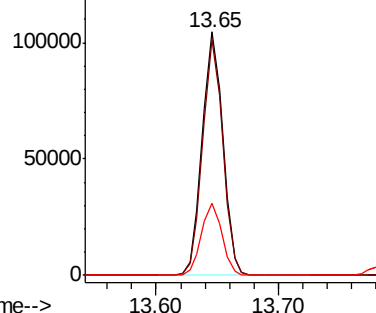


Abundance

Ion 179.80 (179.50 to 180.50): V

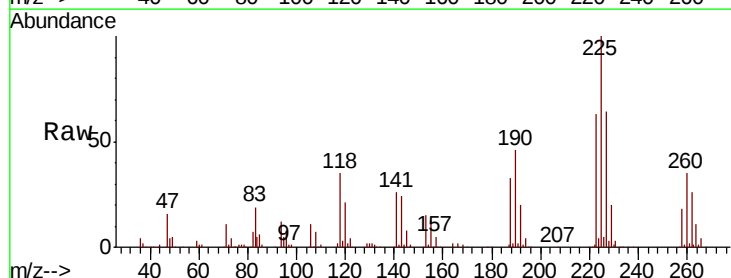
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.886 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	64.9	32.3	96.9

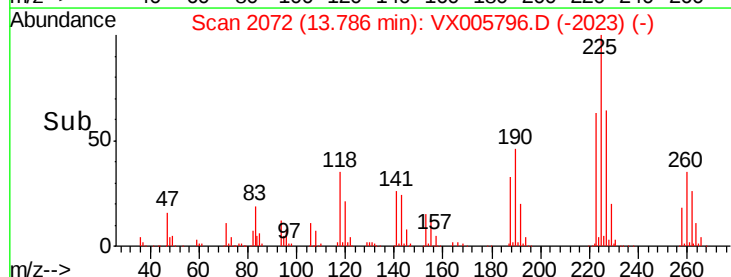
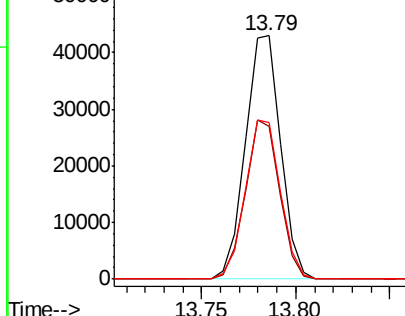


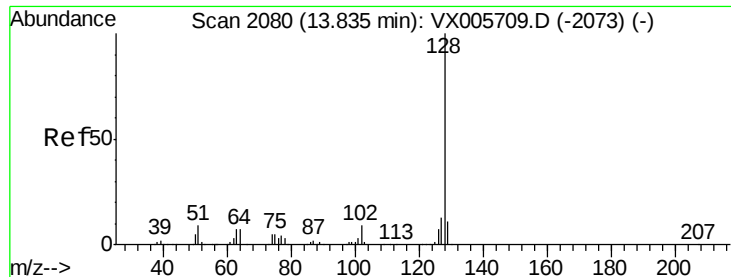
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

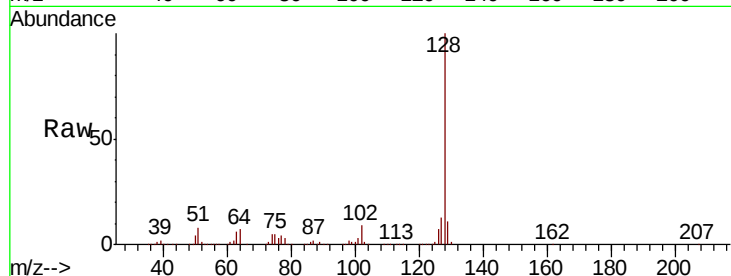




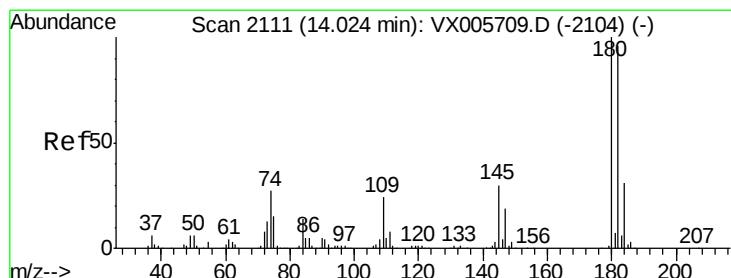
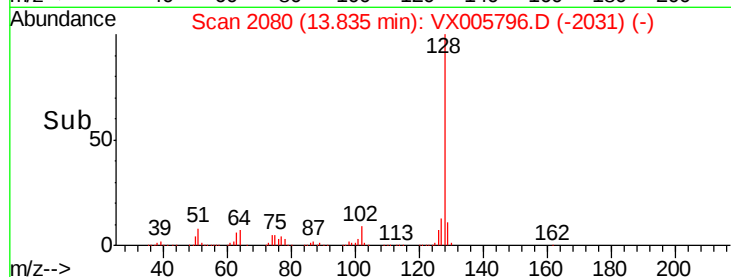
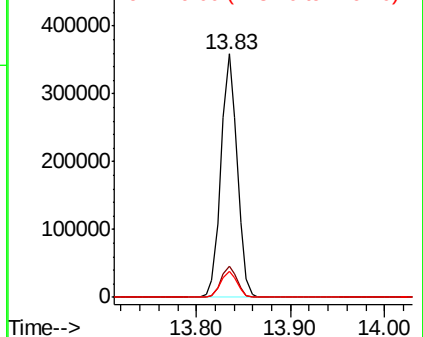
#95
Naphthalene
Concen: 52.833 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 427881
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.7 13.1

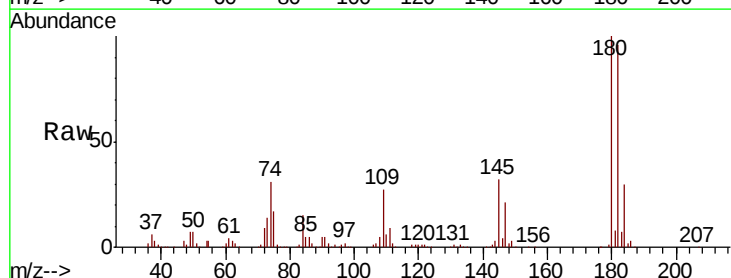


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.459 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion:180 Resp: 126503
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.2
145 31.4 15.1 45.3



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

