

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005771.D
 Acq On : 05 Nov 2018 11:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 00:42:09 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	5.67	168	175283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147141	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	112706	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	
35) Dibromofluoromethane	5.51	113	90705	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
50) Toluene-d8	8.72	98	322395	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	11.14	95	123240	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	98576	48.682	ug/l	97
3) Chloromethane	1.32	50	108844	45.572	ug/l	98
4) Vinyl Chloride	1.40	62	112372	45.222	ug/l	98
5) Bromomethane	1.64	94	99806	32.369	ug/l	97
6) Chloroethane	1.71	64	71015	44.879	ug/l	91
7) Trichlorofluoromethane	1.93	101	145039	45.473	ug/l	96
8) Diethyl Ether	2.18	74	62874	43.855	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90429	46.675	ug/l	93
10) Methyl Iodide	2.51	142	95171	50.449	ug/l	98
11) Tert butyl alcohol	3.07	59	145601	209.212	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85353	45.211	ug/l	94
13) Acrolein	2.29	56	67601	141.327	ug/l	100
14) Allyl chloride	2.73	41	175514	44.961	ug/l	96
15) Acrylonitrile	3.15	53	338145	220.955	ug/l	99
16) Acetone	2.45	43	302883	229.078	ug/l	93
17) Carbon Disulfide	2.57	76	243221	41.925	ug/l	99
18) Methyl Acetate	2.78	43	162041	44.059	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	306654	46.926	ug/l	99
20) Methylene Chloride	2.85	84	100042	45.270	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	90022	45.064	ug/l	90
22) Diisopropyl ether	3.87	45	330747	45.674	ug/l	# 89
23) Vinyl Acetate	3.82	43	1454943	230.672	ug/l	98
24) 1,1-Dichloroethane	3.70	63	183652	44.851	ug/l	97
25) 2-Butanone	4.70	43	458331	212.018	ug/l	97
26) 2,2-Dichloropropane	4.59	77	138375	45.207	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	98978	44.094	ug/l	97
28) Bromochloromethane	5.01	49	90286	45.195	ug/l	96
29) Tetrahydrofuran	5.15	42	286297	216.981	ug/l	92
30) Chloroform	5.21	83	173744	43.399	ug/l	93
31) Cyclohexane	5.57	56	154832	45.218	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	146478	45.718	ug/l	96
36) 1,1-Dichloropropene	5.79	75	131197	43.717	ug/l	99
37) Ethyl Acetate	4.85	43	160333	41.877	ug/l	97
38) Carbon Tetrachloride	5.79	117	122162	45.056	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151076	48.270	ug/l	87
40) Benzene	6.14	78	394846	44.225	ug/l	99
41) Methacrylonitrile	5.06	41	89056	43.049	ug/l	96
42) 1,2-Dichloroethane	6.19	62	141310	42.820	ug/l	99
43) Isopropyl Acetate	6.46	43	240165	43.218	ug/l	95
44) Trichloroethene	7.21	130	98869	47.881	ug/l	94
45) 1,2-Dichloropropane	7.52	63	108154	47.271	ug/l	96
46) Dibromomethane	7.66	93	68546	46.879	ug/l	89
47) Bromodichloromethane	7.90	83	125158	45.633	ug/l	94
48) Methyl methacrylate	7.78	41	124060	46.126	ug/l	97
49) 1,4-Dioxane	7.75	88	54171	904.500	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	828065	218.537	ug/l	96
52) Toluene	8.79	92	237904	49.264	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	150331	50.577	ug/l	93
54) cis-1,3-Dichloropropene	8.43	75	146428	45.981	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	101839	48.559	ug/l	96
56) Ethyl methacrylate	9.18	69	158416	44.771	ug/l	96
57) 1,3-Dichloropropane	9.37	76	175576	48.737	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	432607	215.447	ug/l	97
59) 2-Hexanone	9.49	43	707051	229.294	ug/l	96
60) Dibromochloromethane	9.58	129	101643	50.156	ug/l	100
61) 1,2-Dibromoethane	9.67	107	107991	50.533	ug/l	97
64) Tetrachloroethene	9.34	164	103651	54.910	ug/l	96
65) Chlorobenzene	10.14	112	263632	48.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	92994	49.476	ug/l	98
67) Ethyl Benzene	10.25	91	471598	50.328	ug/l	90
68) m/p-Xylenes	10.36	106	352266	101.170	ug/l	100
69) o-Xylene	10.70	106	158577	47.618	ug/l	96
70) Styrene	10.71	104	260841	47.159	ug/l	96
71) Bromoform	10.86	173	70582	46.347	ug/l #	98
73) Isopropylbenzene	11.02	105	455437	46.916	ug/l	99
74) N-amyl acetate	10.90	43	213862	41.380	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	169852	42.174	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	204726	55.864	ug/l	84
77) Bromobenzene	11.26	156	109014	45.270	ug/l	89
78) n-propylbenzene	11.36	91	569021	48.185	ug/l	97
79) 2-Chlorotoluene	11.42	91	319815	45.343	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	408125	49.515	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	50225	44.280	ug/l	95
82) 4-Chlorotoluene	11.51	91	392345	46.594	ug/l	98
83) tert-Butylbenzene	11.77	119	364056	46.291	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	409964	49.256	ug/l	98
85) sec-Butylbenzene	11.94	105	495093	49.076	ug/l	97
86) p-Isopropyltoluene	12.07	119	450637	52.522	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	226896	48.730	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	239798	47.940	ug/l	96
89) n-Butylbenzene	12.39	91	439992	50.827	ug/l	99
90) Hexachloroethane	12.60	117	72937	47.915	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	229966	47.275	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42120	44.590	ug/l	90

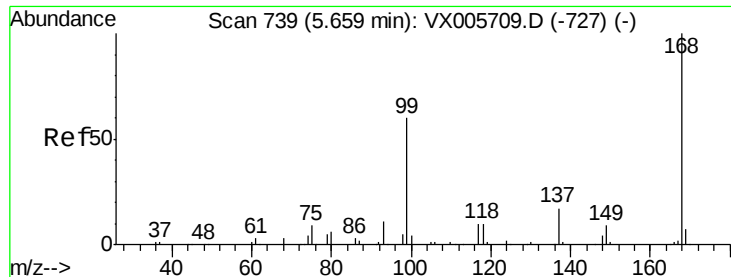
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	164338	52.674	ug/l	98
94) Hexachlorobutadiene	13.78	225	80247	53.168	ug/l	97
95) Naphthalene	13.83	128	557484	54.334	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	166081	52.289	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

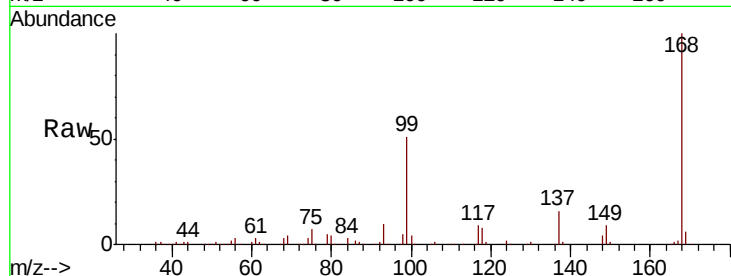
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 175283

Ion Ratio Lower Upper

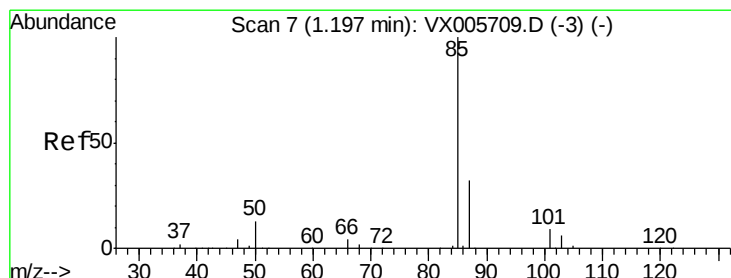
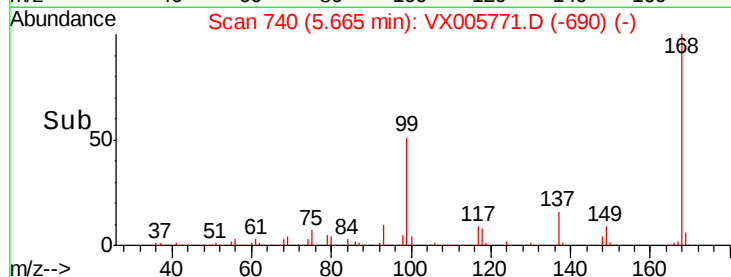
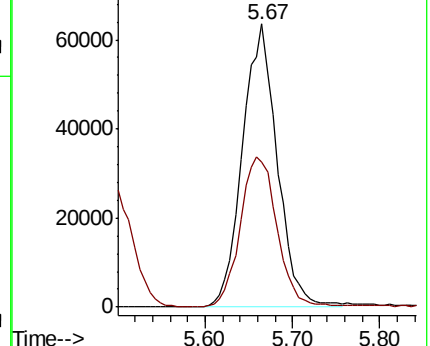
168 100

99 51.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.682 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005771.D

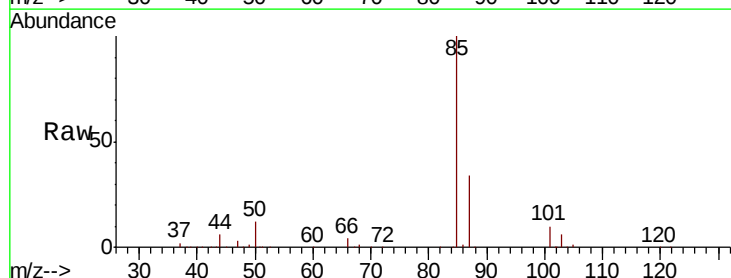
Acq: 05 Nov 2018 11:58

Tgt Ion: 85 Resp: 98576

Ion Ratio Lower Upper

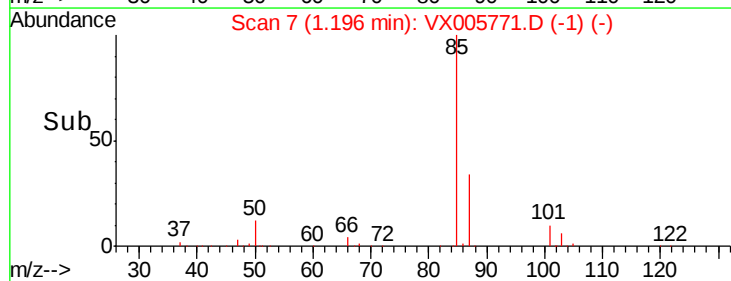
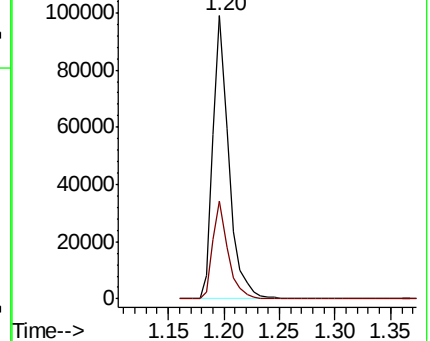
85 100

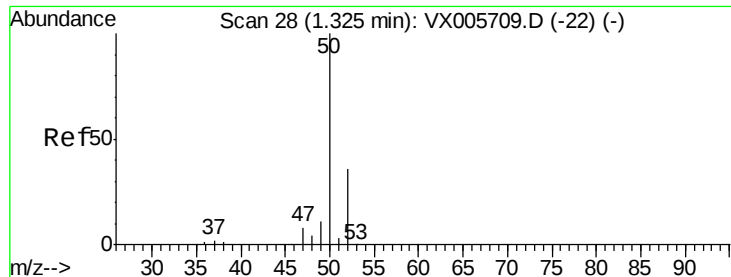
87 34.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.572 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

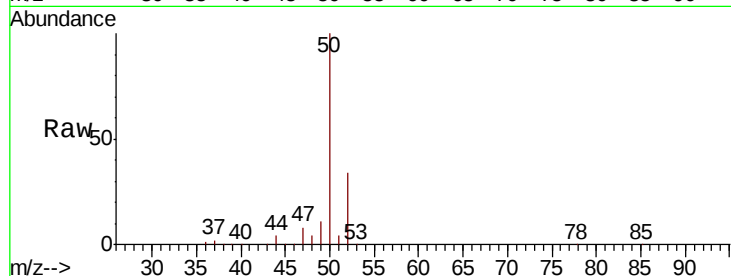
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 108844

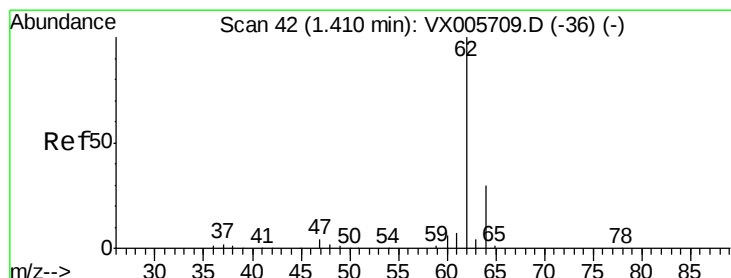
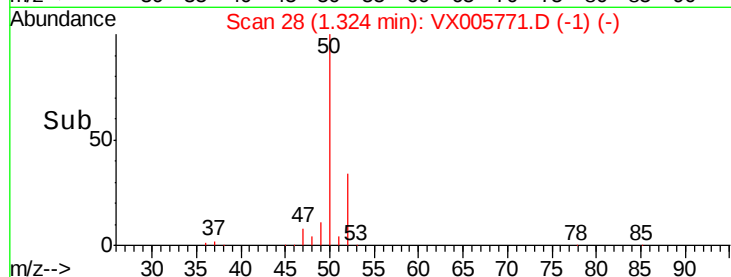
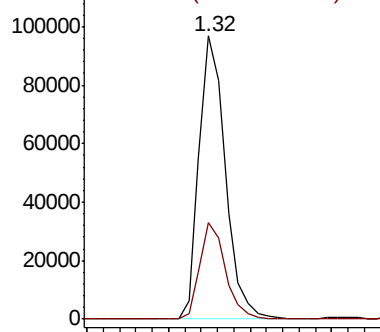
Ion Ratio Lower Upper

50 100

52 33.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.222 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX005771.D

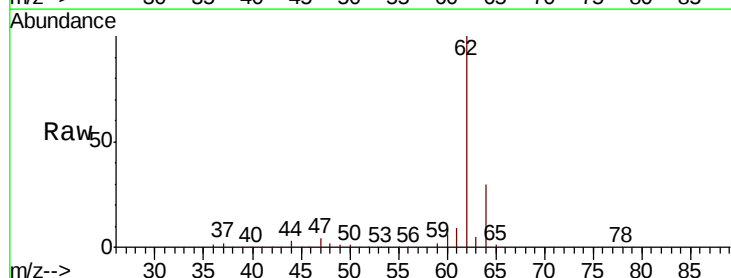
Acq: 05 Nov 2018 11:58

Tgt Ion: 62 Resp: 112372

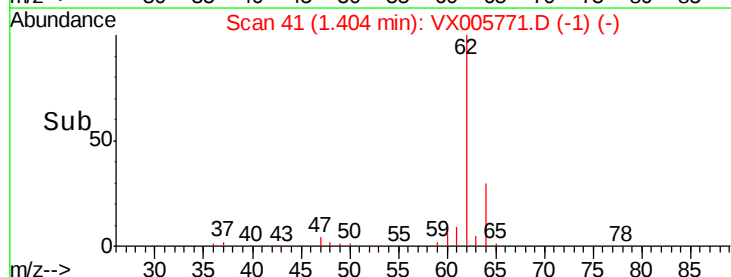
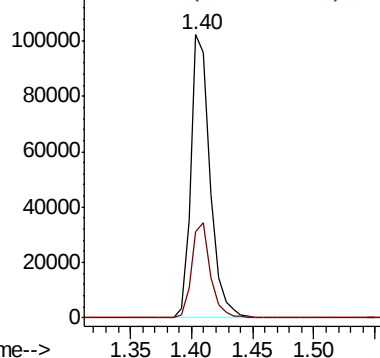
Ion Ratio Lower Upper

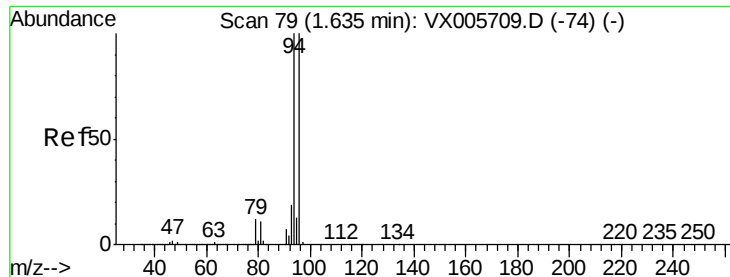
62 100

64 30.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 32.369 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

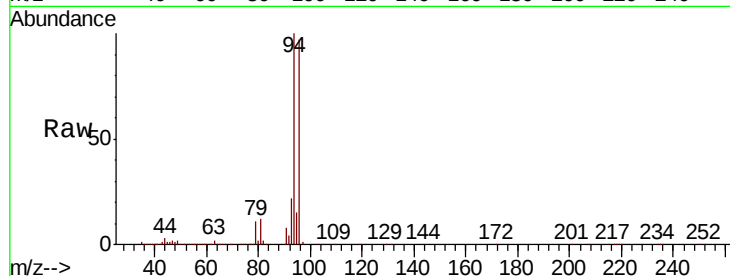
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 99806

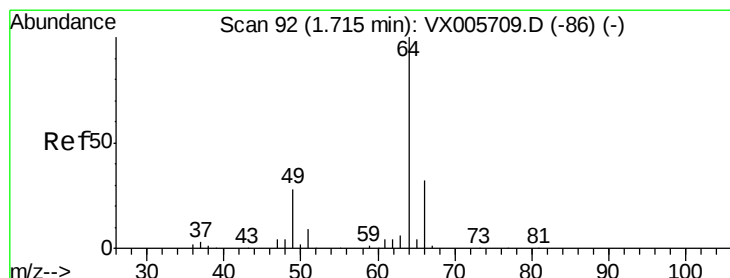
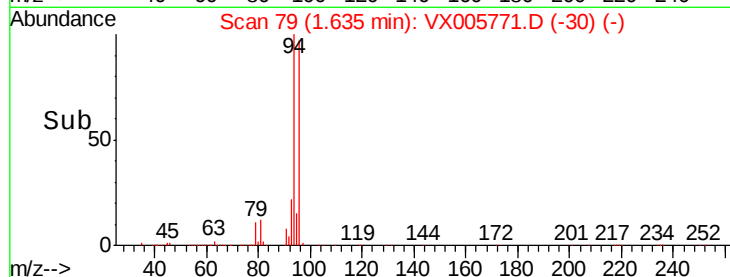
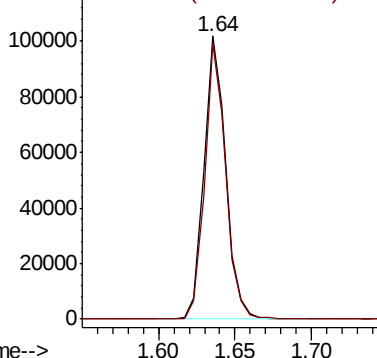
Ion Ratio Lower Upper

94 100

96 97.2 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: 44.879 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005771.D

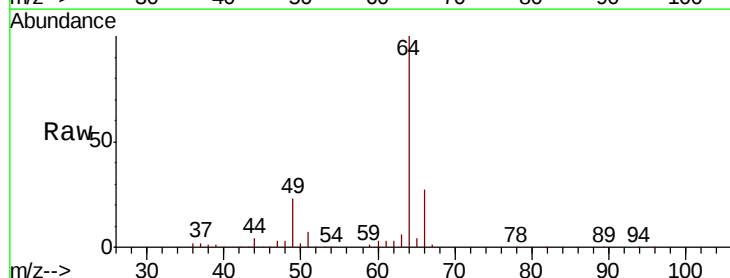
Acq: 05 Nov 2018 11:58

Tgt Ion: 64 Resp: 71015

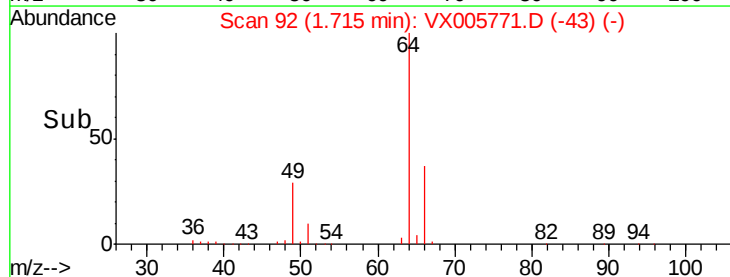
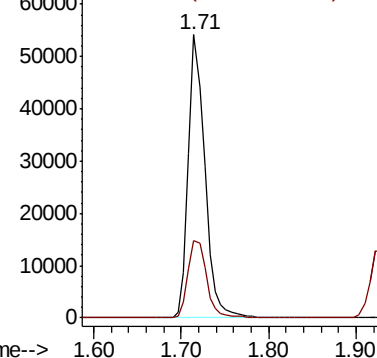
Ion Ratio Lower Upper

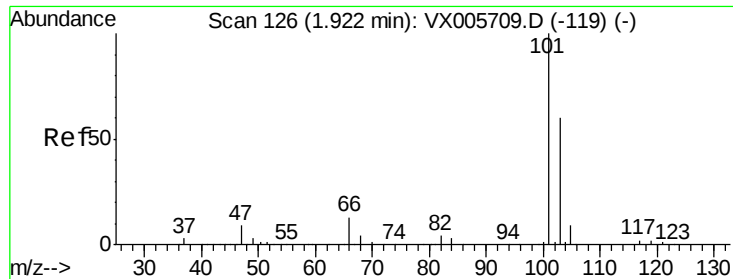
64 100

66 27.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



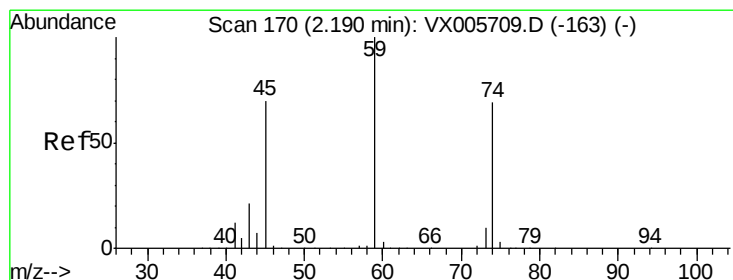
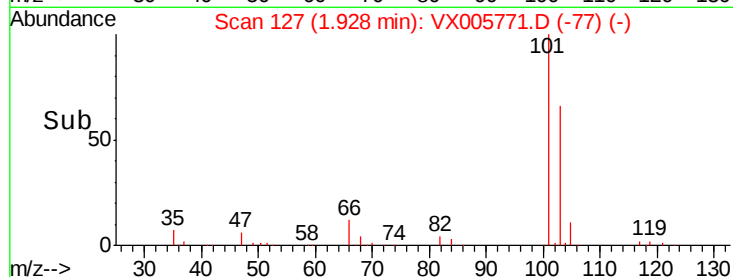
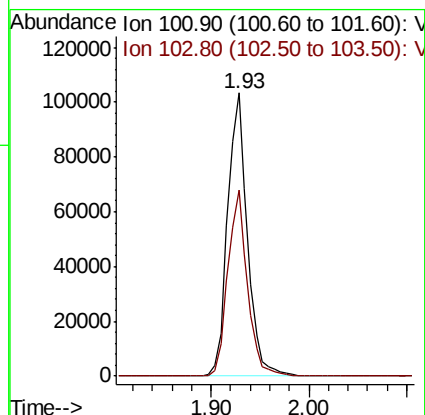
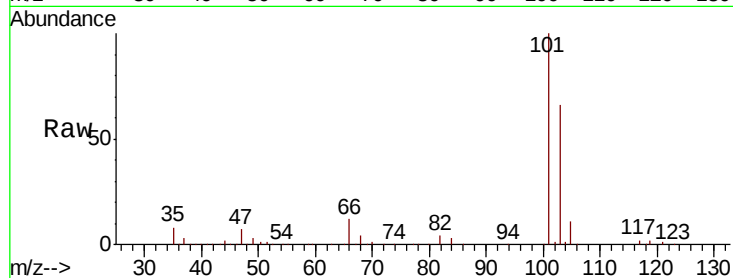


#7

Trichlorofluoromethane
Concen: 45.473 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :

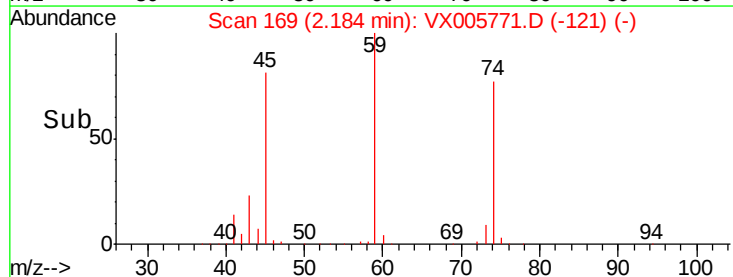
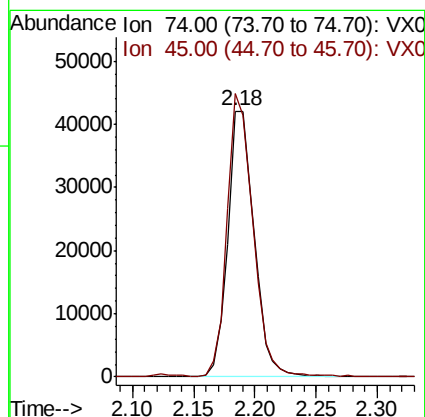
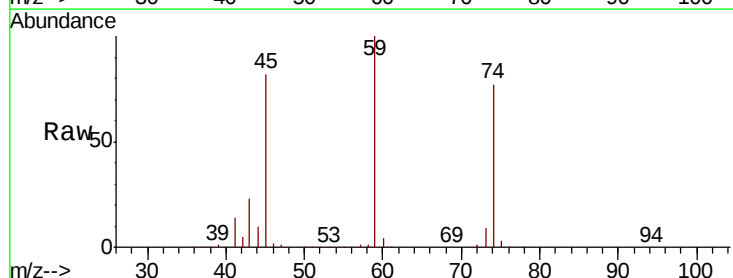
Tot Ion:101 Resp: 145039
Ion Ratio Lower Upper
101 100
103 65.6 50.0 75.0

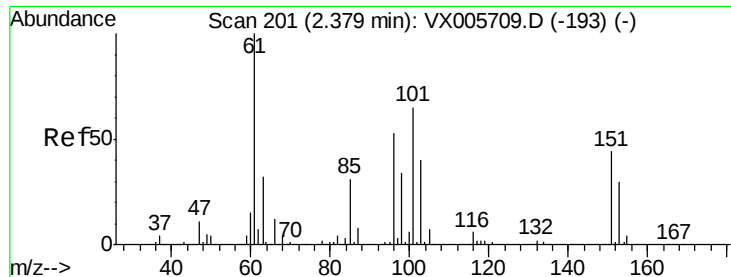


#8

Diethyl Ether
Concen: 43.855 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 74 Resp: 62874
Ion Ratio Lower Upper
74 100
45 103.7 54.1 162.3

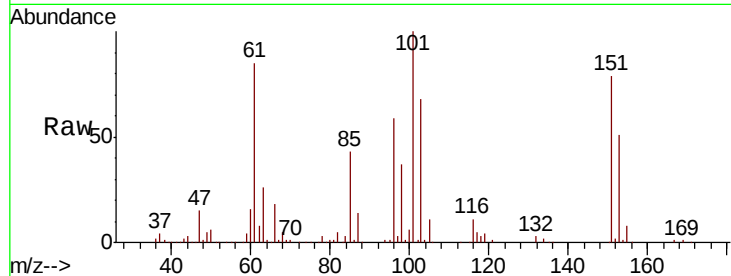




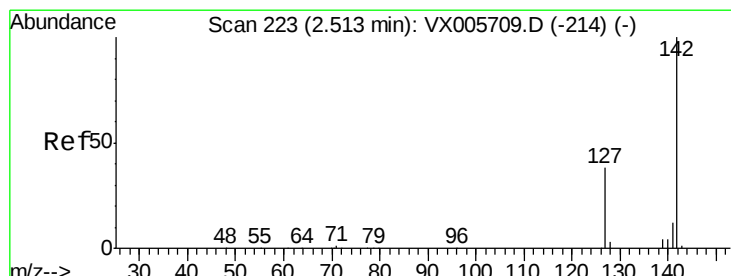
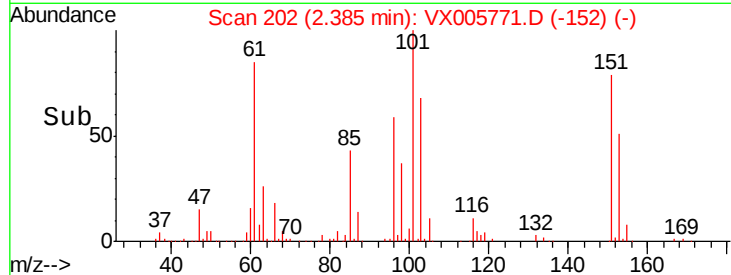
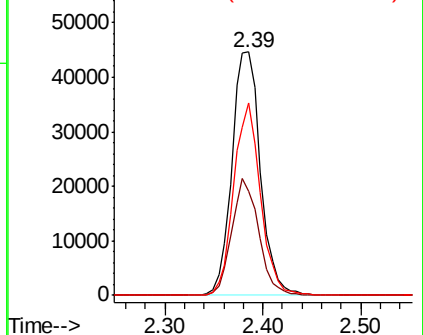
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.675 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.01 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 90429
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.0 52.4
 151 74.1 66.2 99.2

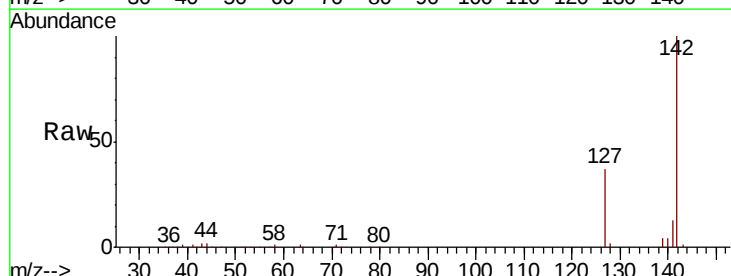


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

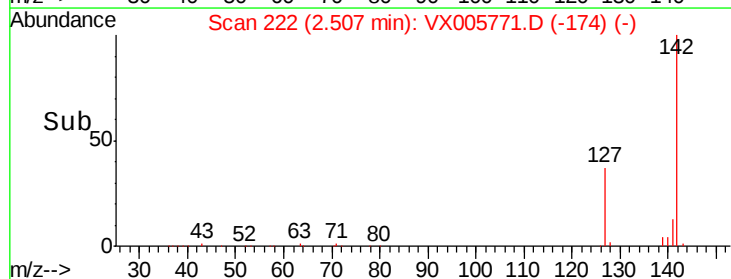
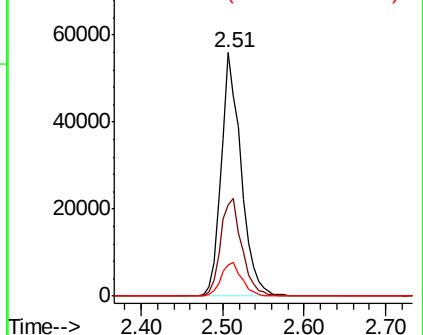


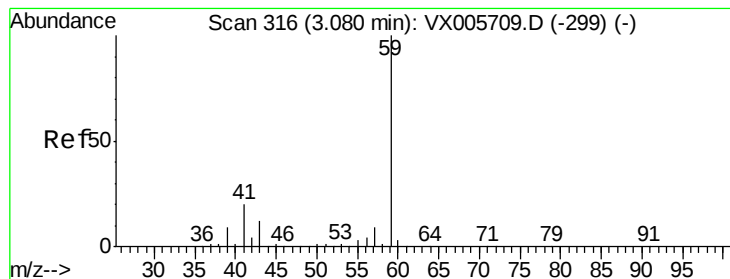
#10
 Methyl Iodide
 Concen: 50.449 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion:142 Resp: 95171
 Ion Ratio Lower Upper
 142 100
 127 43.0 36.0 54.0
 141 14.3 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



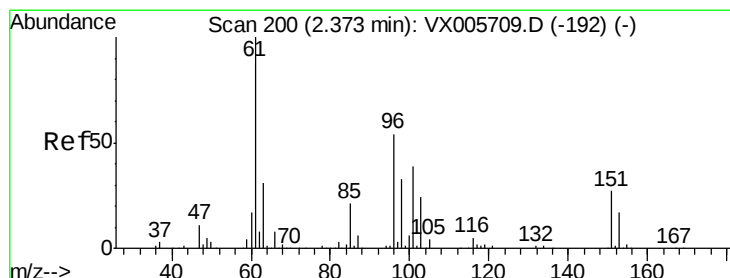
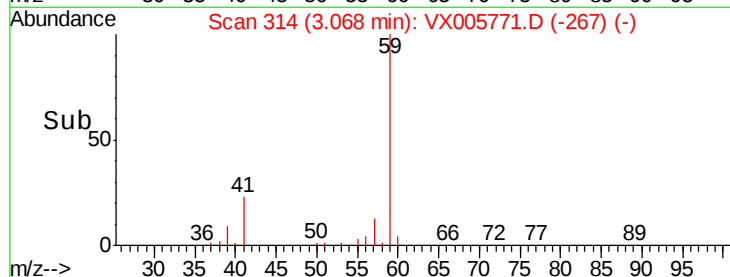
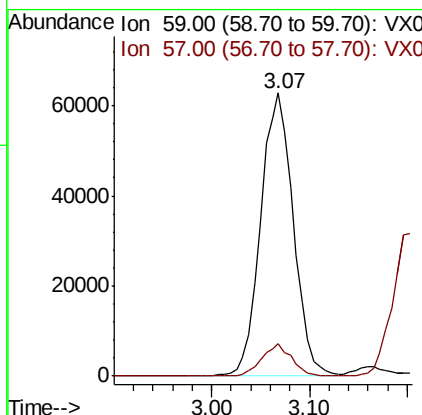
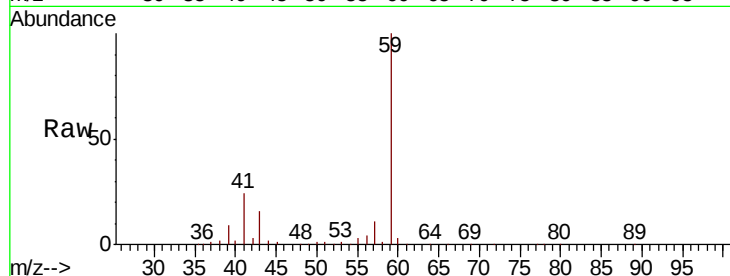


#11

Tert butyl alcohol
 Concen: 209.212 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :

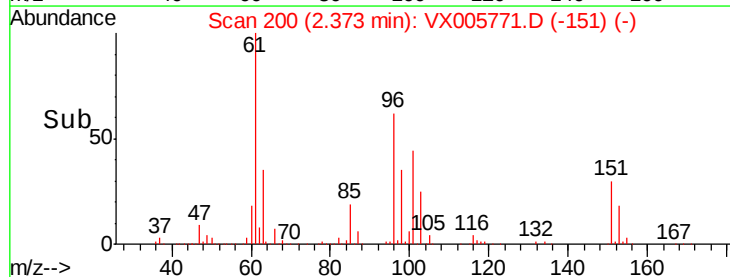
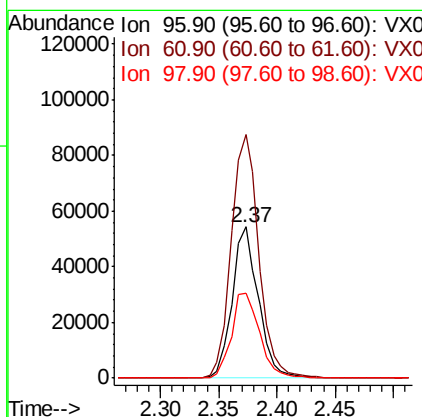
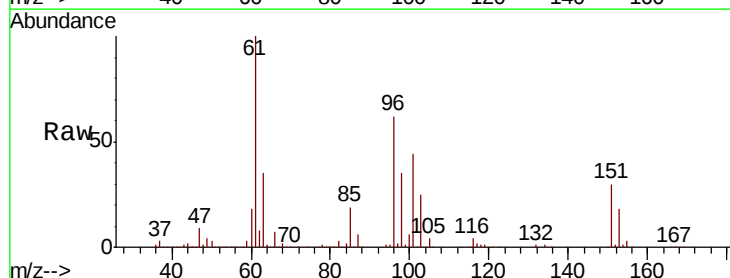
Tot Ion: 59 Resp: 145601
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

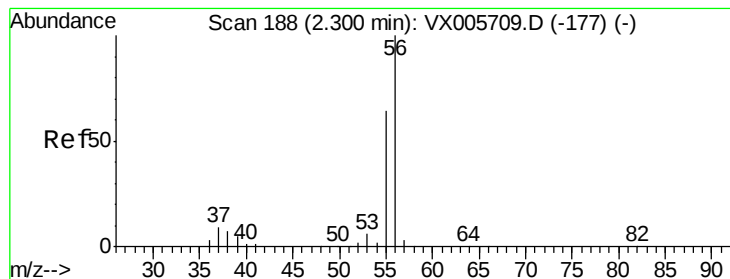


#12

1,1-Dichloroethene
 Concen: 45.211 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion: 96 Resp: 85353
 Ion Ratio Lower Upper
 96 100
 61 161.1 131.8 197.8
 98 56.0 53.4 80.2





#13

Acrolein

Concen: 141.327 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

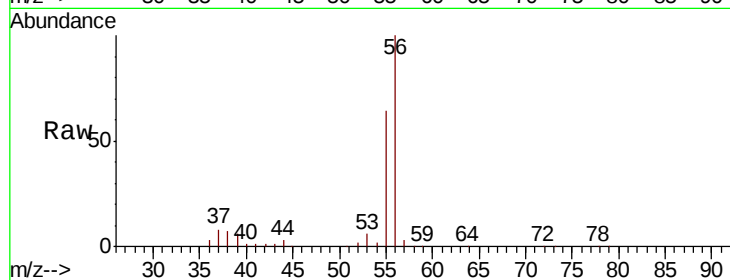
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 67601

Ion Ratio Lower Upper

56 100

55 71.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

50000

40000

30000

20000

10000

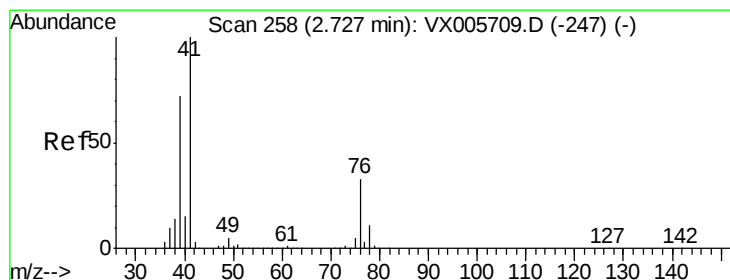
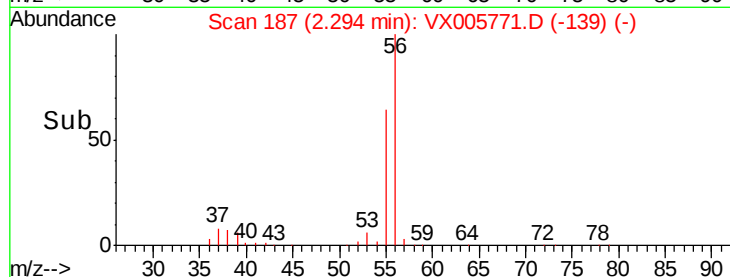
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 44.961 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

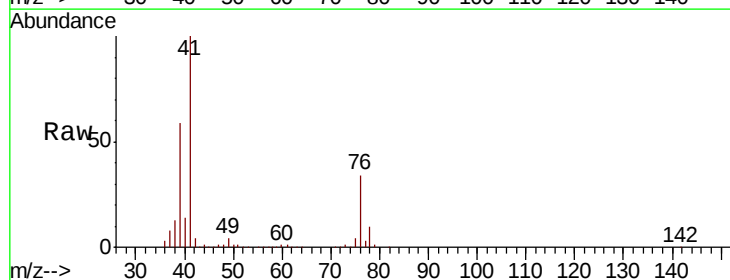
Tgt Ion: 41 Resp: 175514

Ion Ratio Lower Upper

41 100

39 58.7 48.2 72.4

76 32.2 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

120000

100000

80000

60000

40000

20000

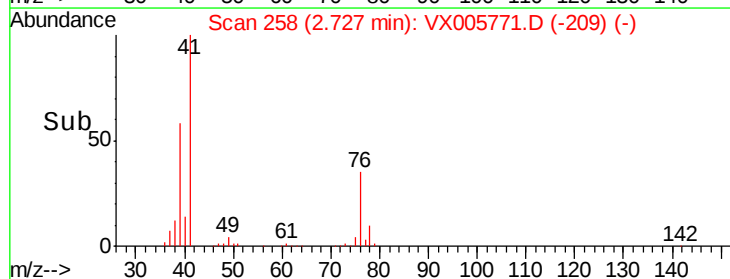
0

Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 220.955 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

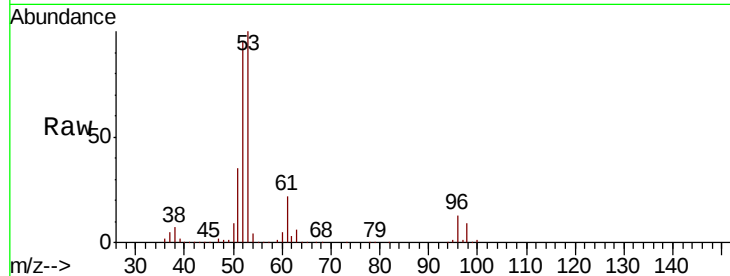
Tot Ion: 53 Resp: 338145

Ion Ratio Lower Upper

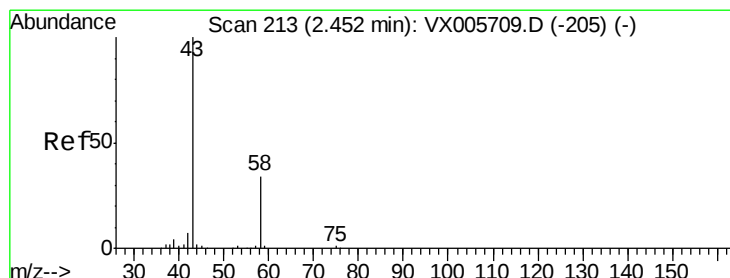
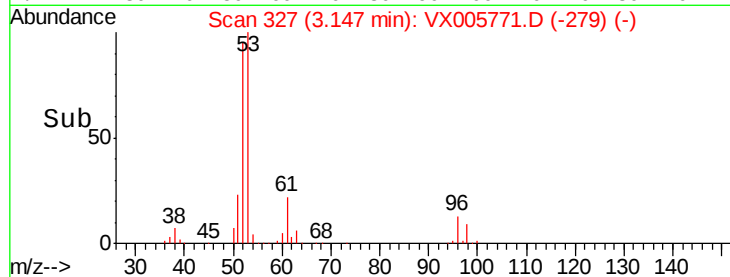
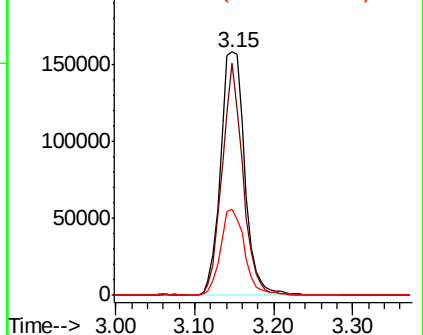
53 100

52 81.9 66.6 99.8

51 35.5 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: 229.078 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005771.D

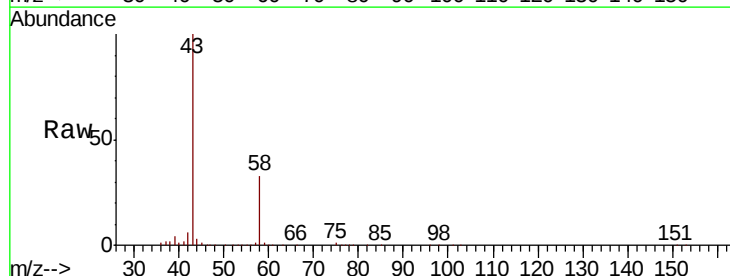
Acq: 05 Nov 2018 11:58

Tgt Ion: 43 Resp: 302883

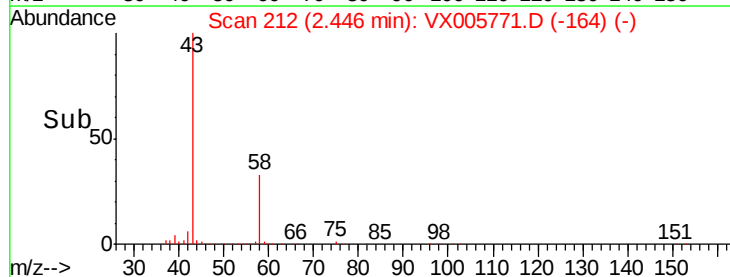
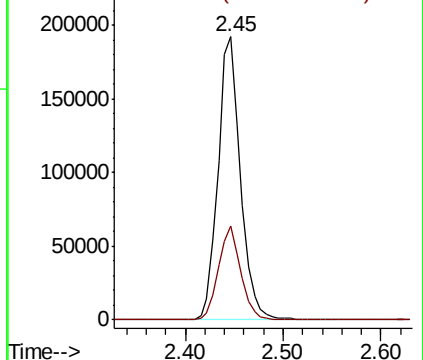
Ion Ratio Lower Upper

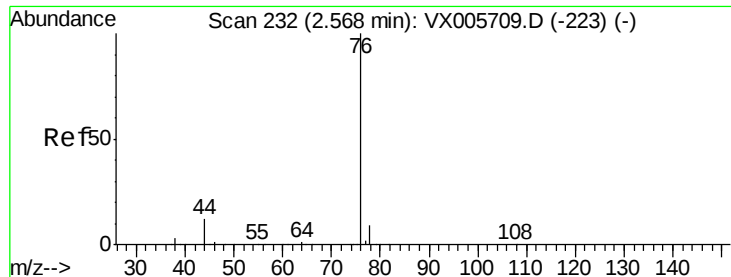
43 100

58 33.4 23.8 35.6



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

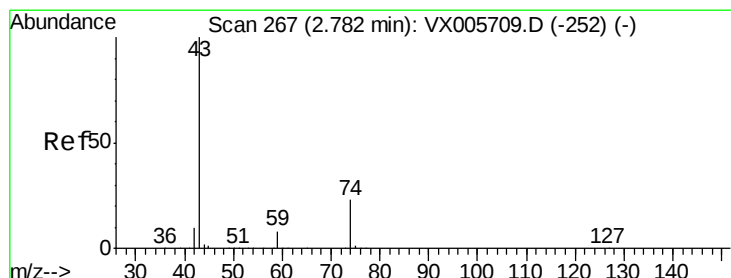
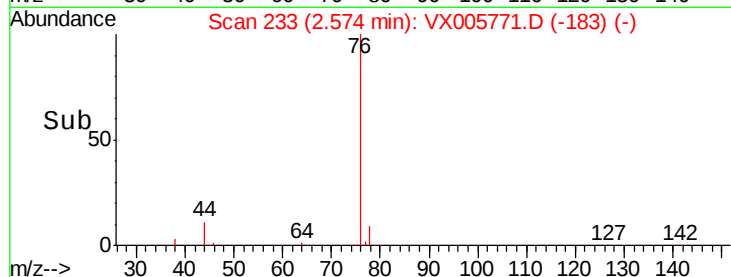
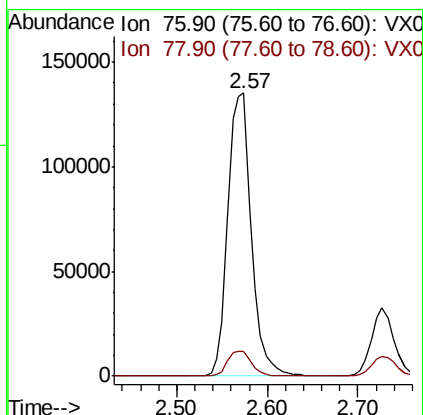
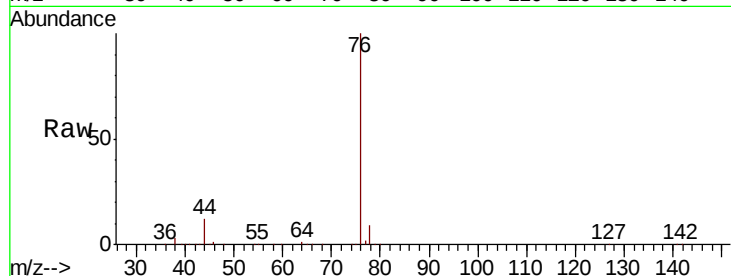




#17
Carbon Disulfide
Concen: 41.925 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

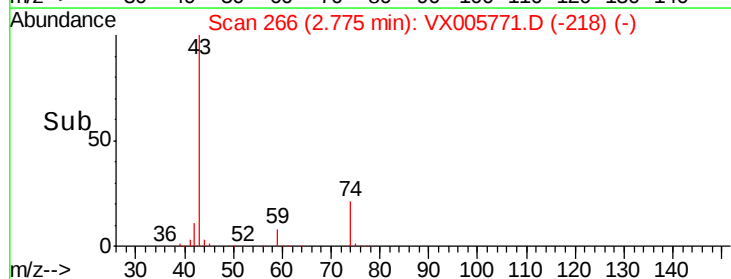
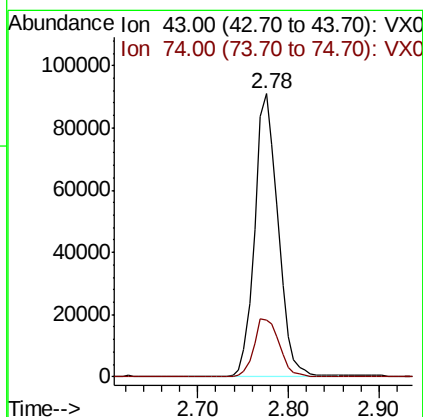
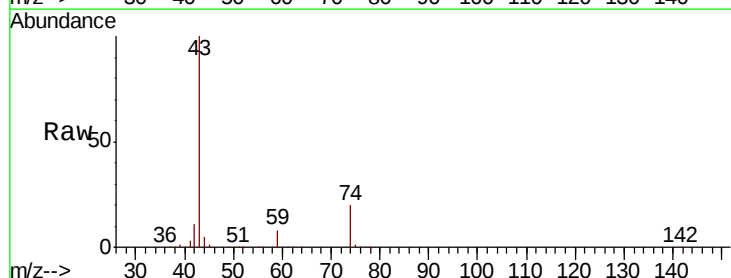
Instrument :
MSVOA_X
ClientSampled :

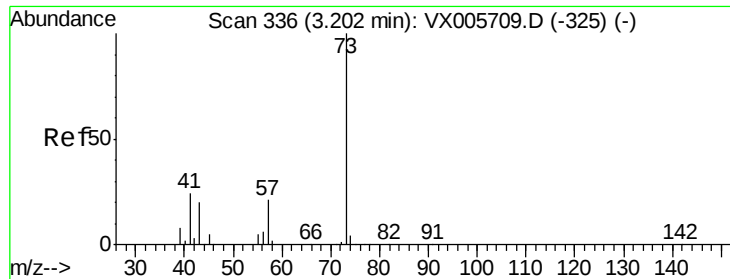
Tot Ion: 76 Resp: 243221
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 44.059 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 43 Resp: 162041
Ion Ratio Lower Upper
43 100
74 22.7 16.8 25.2



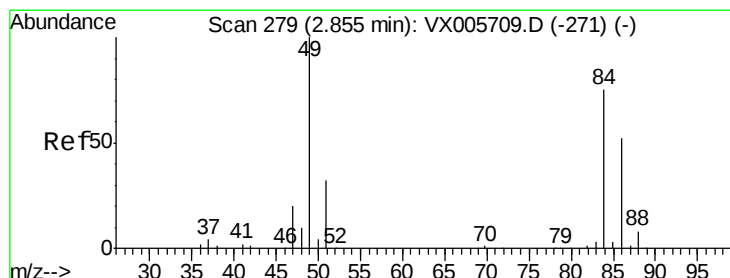
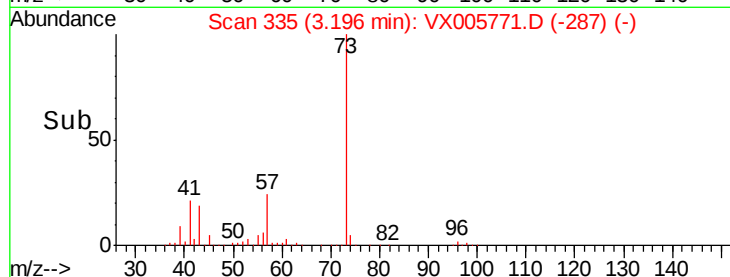
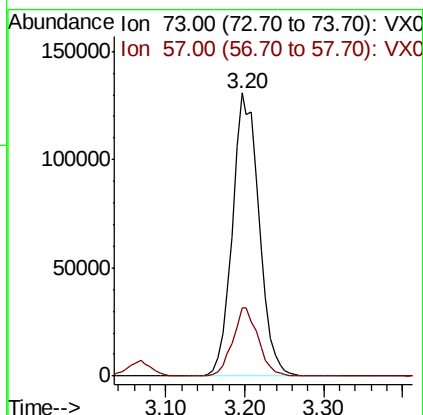
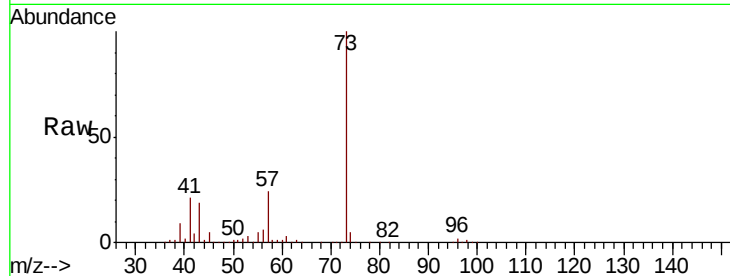


#19

Methyl tert-butyl Ether
 Concen: 46.926 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.01 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampled :

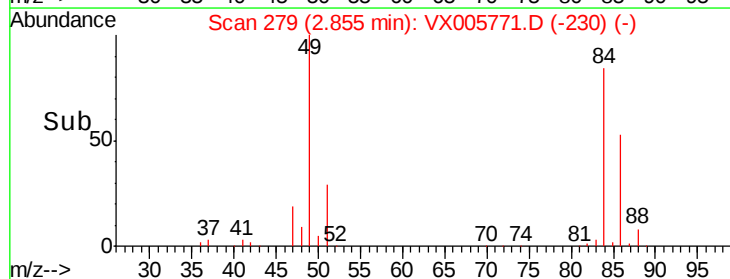
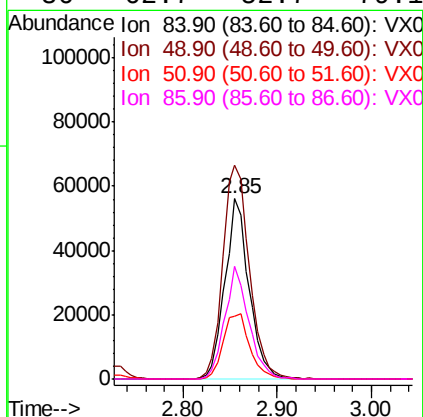
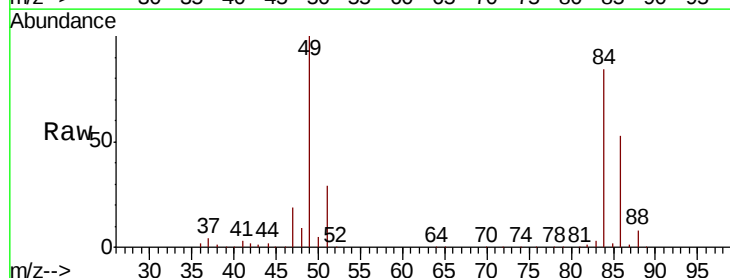
Tot Ion: 73 Resp: 306654
 Ion Ratio Lower Upper
 73 100
 57 24.0 18.8 28.2

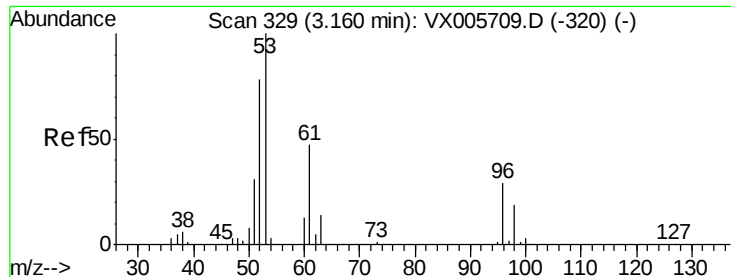


#20

Methylene Chloride
 Concen: 45.270 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion: 84 Resp: 100042
 Ion Ratio Lower Upper
 84 100
 49 118.7 109.5 164.3
 51 34.8 33.3 49.9
 86 62.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 45.064 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

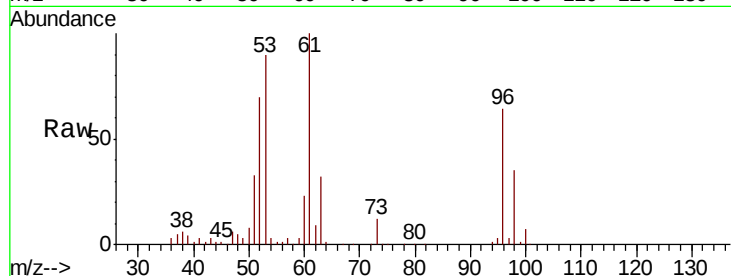
Tot Ion: 96 Resp: 90022

Ion Ratio Lower Upper

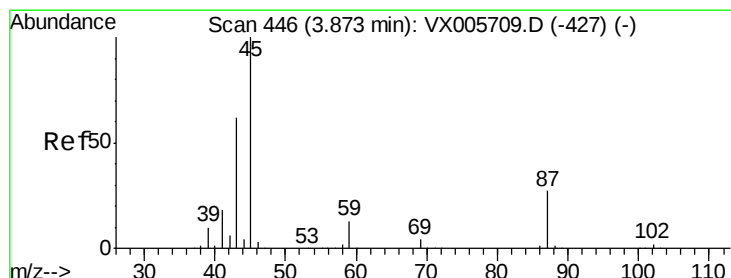
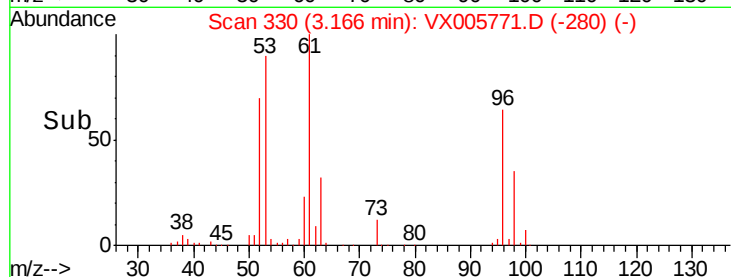
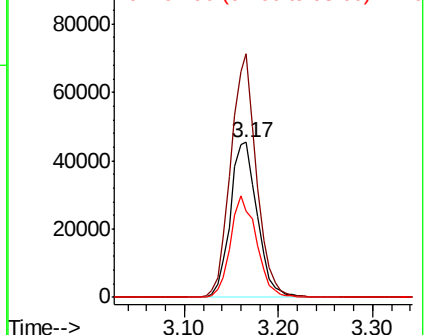
96 100

61 156.9 115.6 173.4

98 55.4 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: 45.674 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Tgt Ion: 45 Resp: 330747

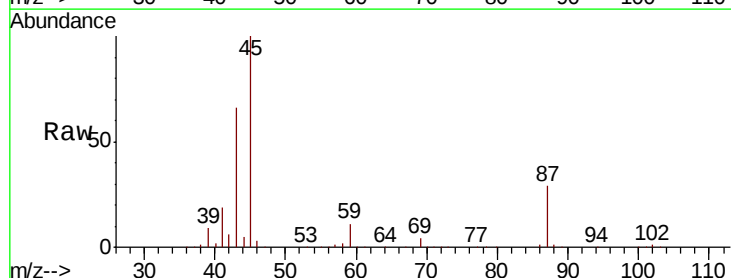
Ion Ratio Lower Upper

45 100

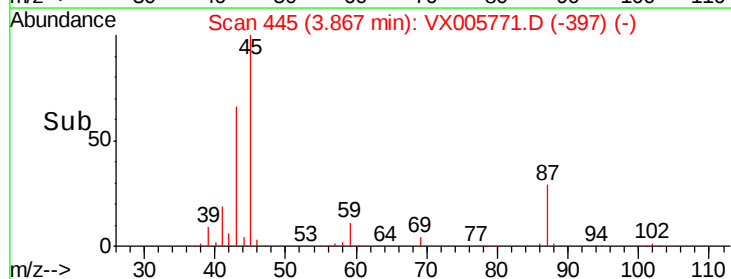
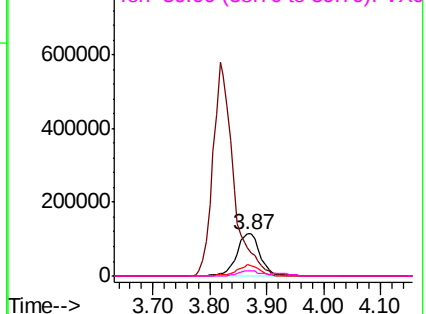
43 65.8 47.4 71.2

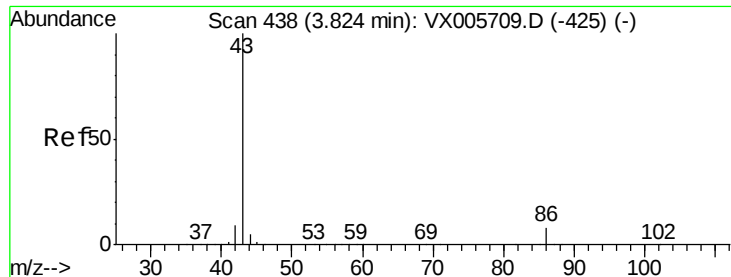
87 28.7 15.9 23.9#

59 11.3 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: 230.672 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

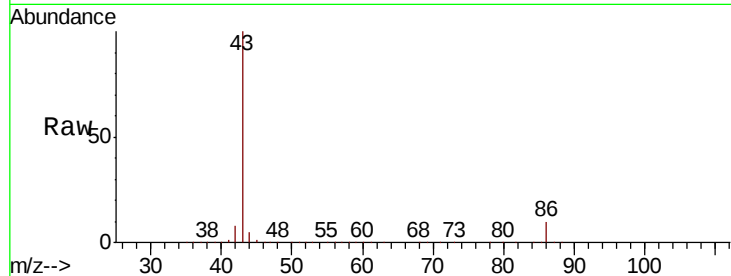
ClientSampled :

Tot Ion: 43 Resp: 1454943

Ion Ratio Lower Upper

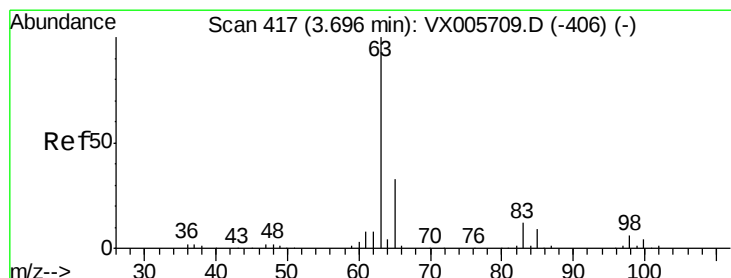
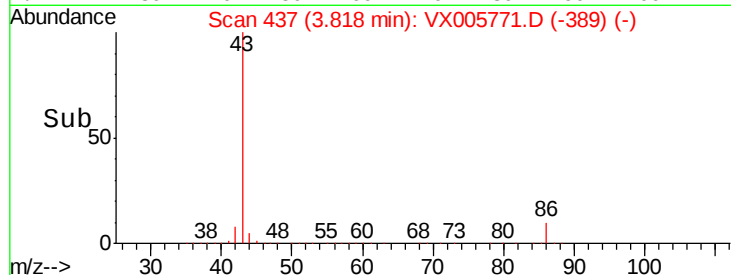
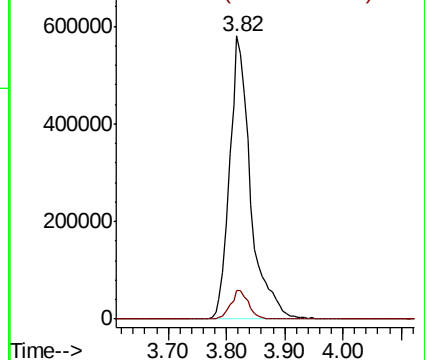
43 100

86 10.1 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.851 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

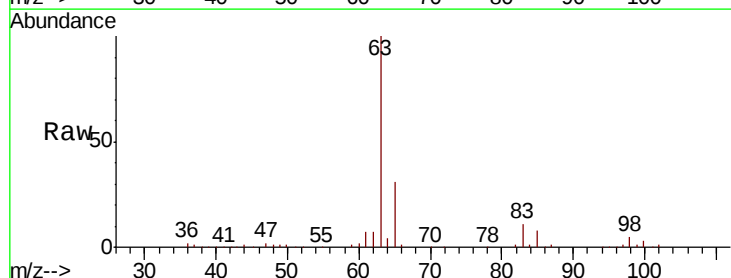
Tgt Ion: 63 Resp: 183652

Ion Ratio Lower Upper

63 100

98 5.4 3.2 9.6

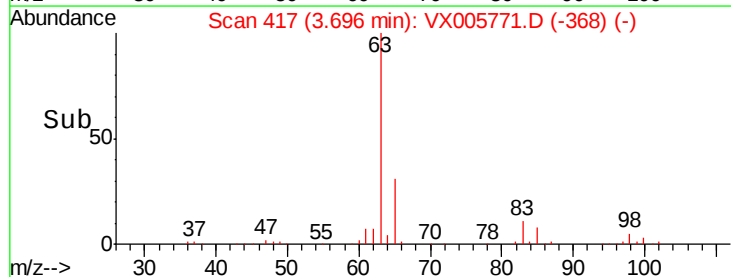
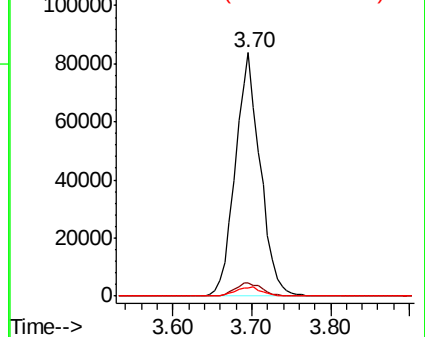
100 3.5 2.1 6.2

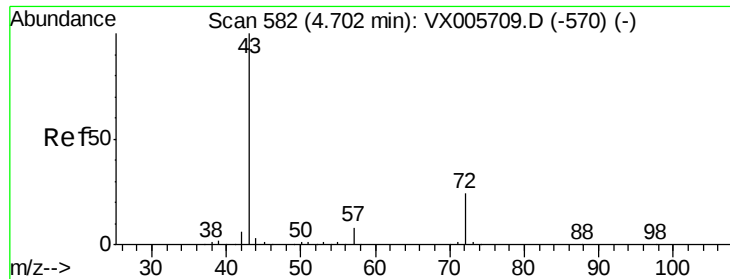


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 212.018 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

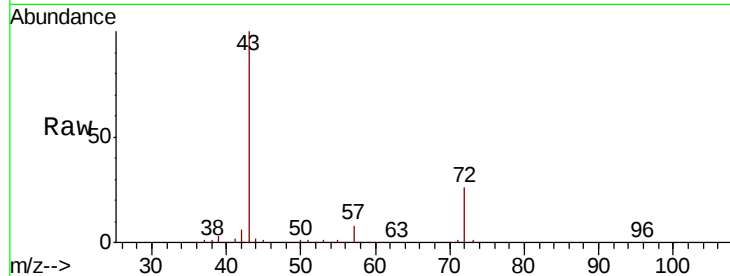
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 458331

Ion Ratio Lower Upper

43 100

72 25.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX005771.D (-533) (-)

Ion 72.00 (71.70 to 72.70): VX005771.D (-533) (-)

4.70

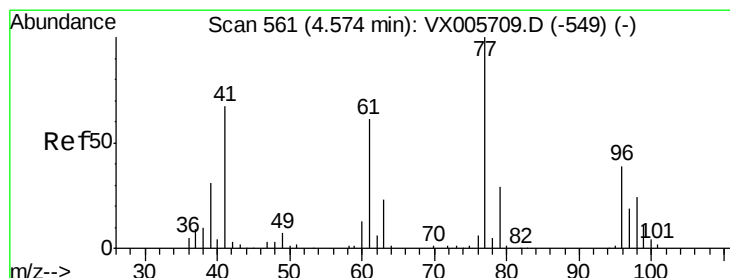
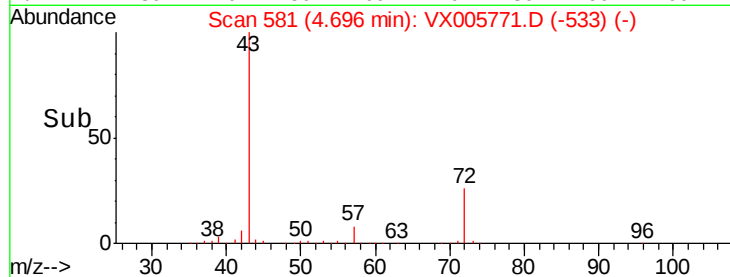
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.207 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005771.D

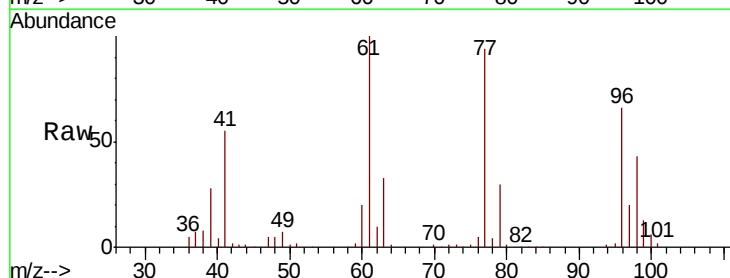
Acq: 05 Nov 2018 11:58

Tgt Ion: 77 Resp: 138375

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005771.D (-512) (-)

Ion 96.90 (96.60 to 97.60): VX005771.D (-512) (-)

4.59

50000

40000

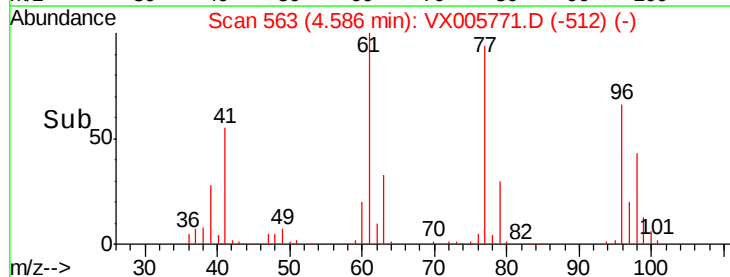
30000

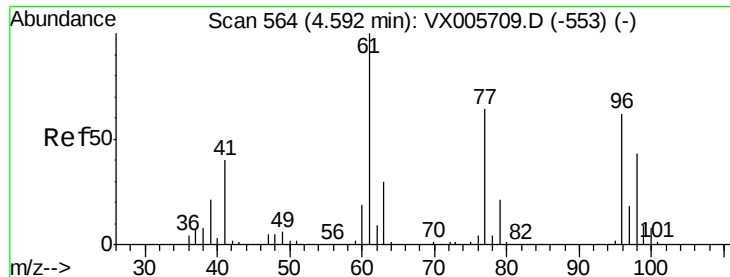
20000

10000

0

Time-->



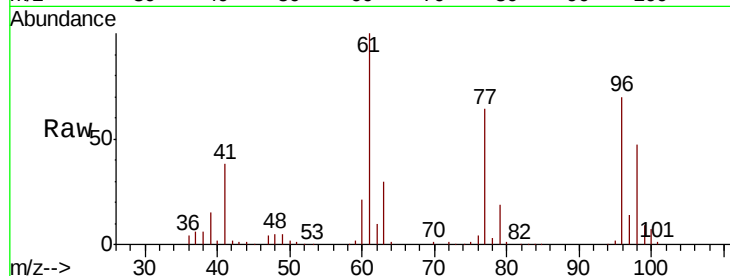


#27

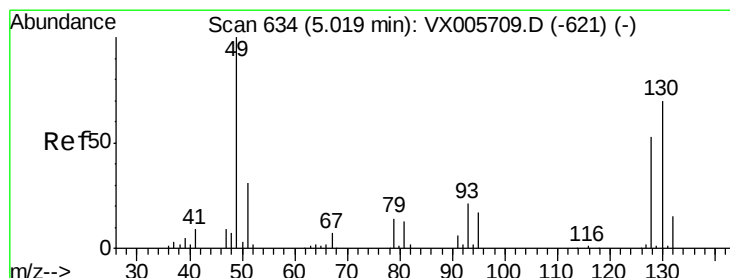
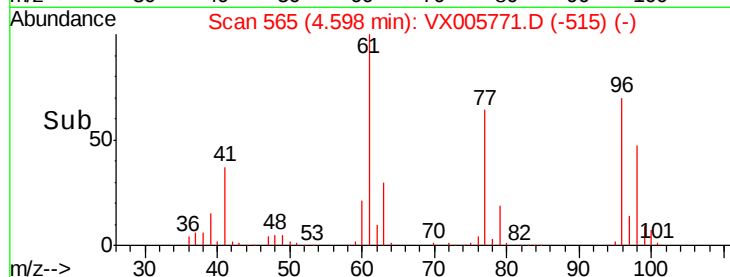
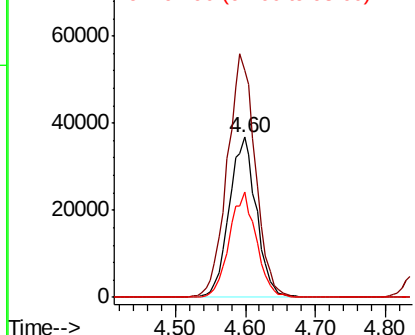
cis-1,2-Dichloroethene
Concen: 44.094 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.5	0.0	304.6
98	65.2	0.0	127.4



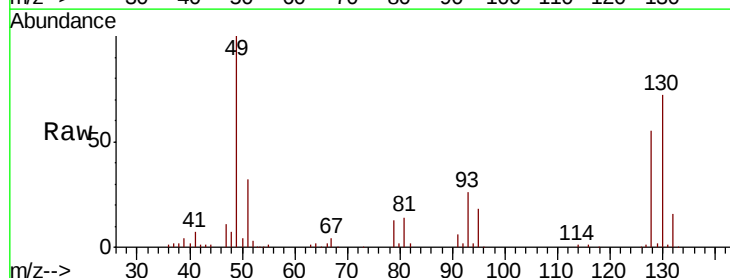
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



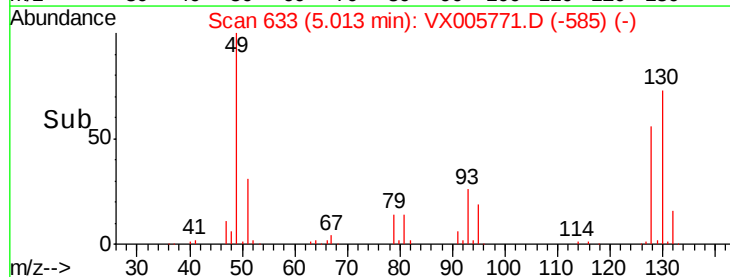
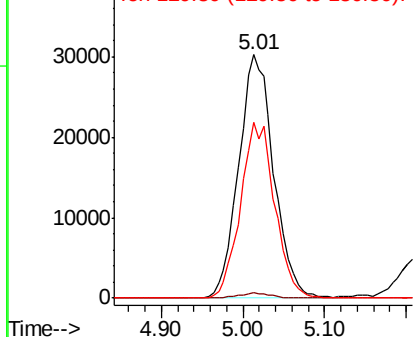
#28

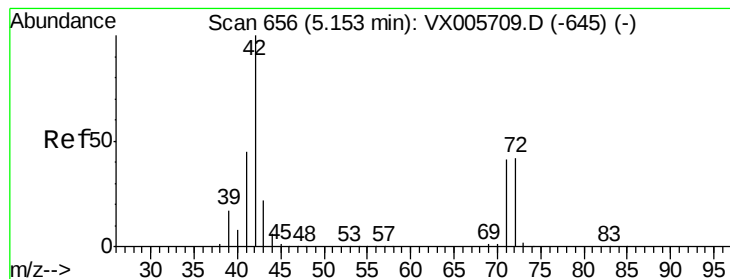
Bromochloromethane
Concen: 45.195 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	70.5	58.9	88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 216.981 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampled :

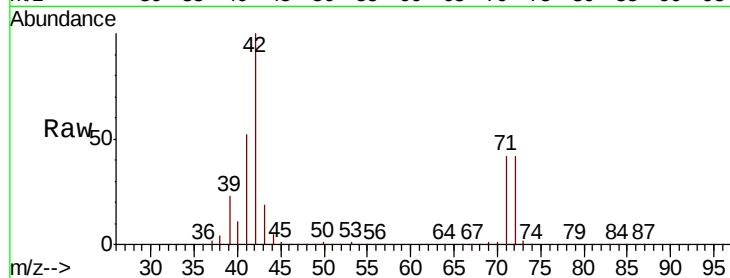
Tot Ion: 42 Resp: 286297

Ion Ratio Lower Upper

42 100

72 45.1 32.0 48.0

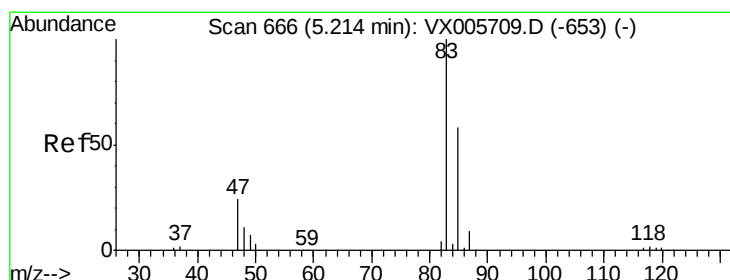
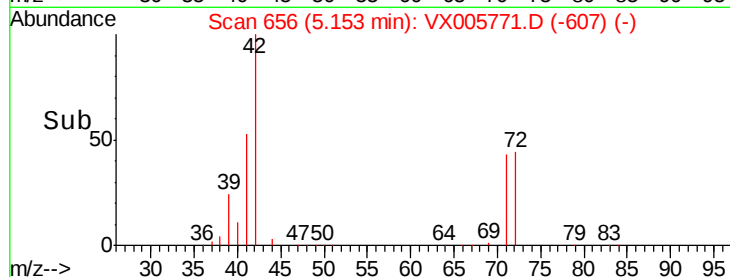
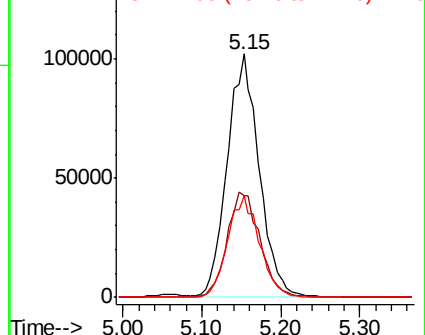
71 41.7 29.8 44.8



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: 43.399 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005771.D

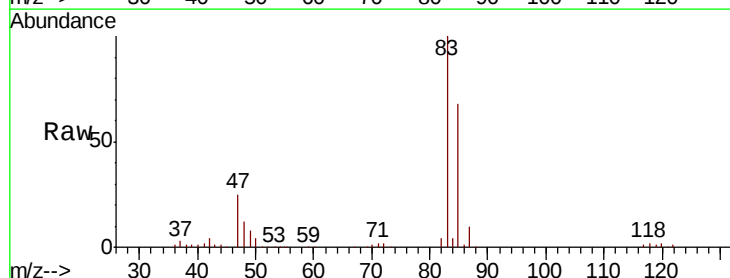
Acq: 05 Nov 2018 11:58

Tgt Ion: 83 Resp: 173744

Ion Ratio Lower Upper

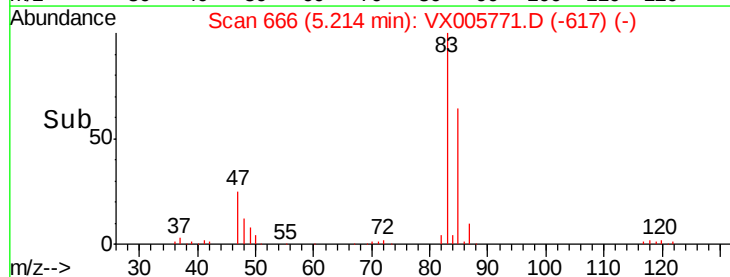
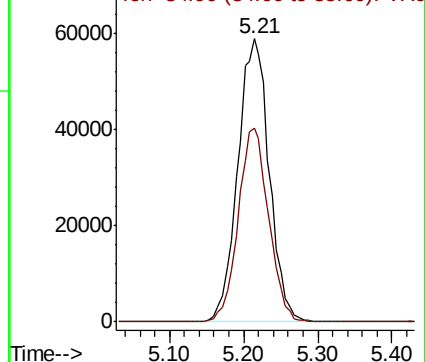
83 100

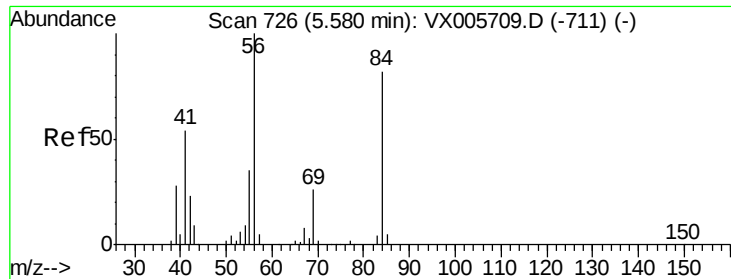
85 68.5 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

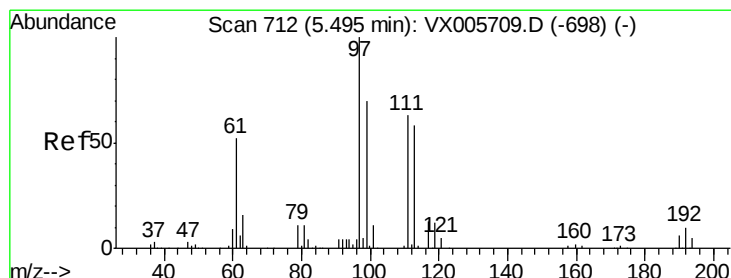
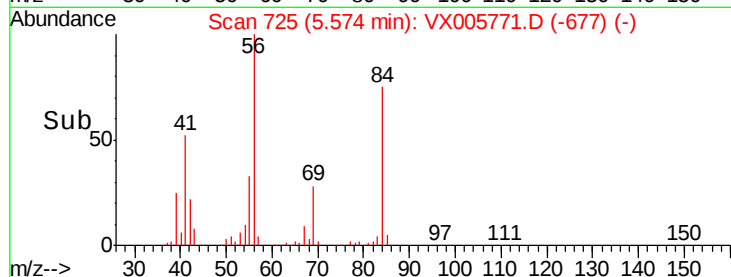
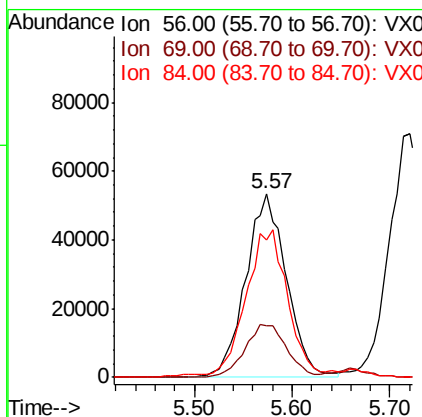
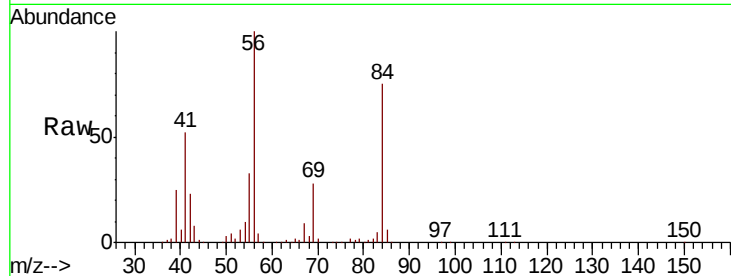




#31
Cyclohexane
Concen: 45.218 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

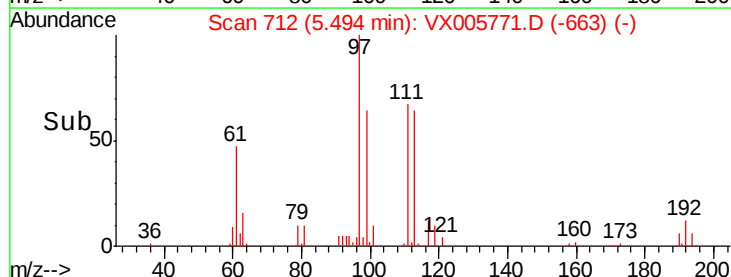
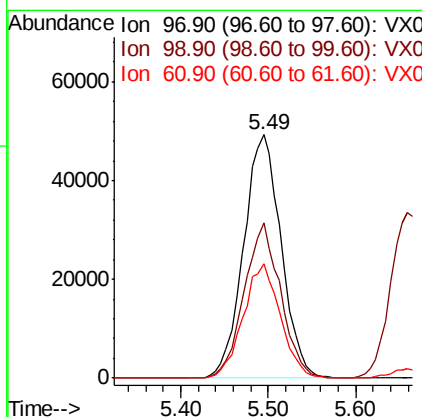
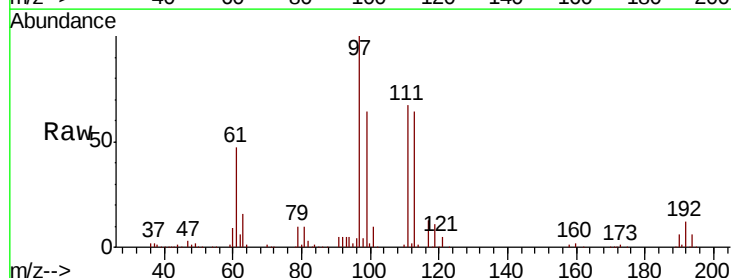
Instrument :
MSVOA_X
ClientSampled :

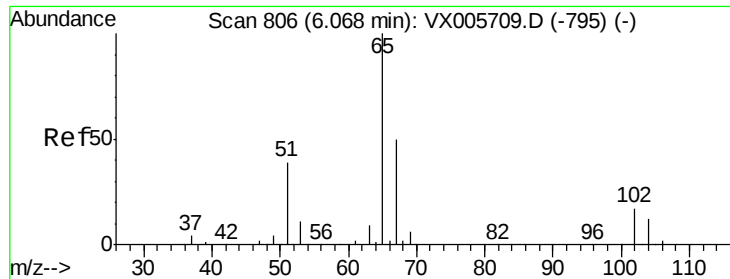
Tot Ion: 56 Resp: 154832
Ion Ratio Lower Upper
56 100
69 27.9 22.6 34.0
84 73.4 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 45.718 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 97 Resp: 146478
Ion Ratio Lower Upper
97 100
99 61.8 52.3 78.5
61 46.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 43.980 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

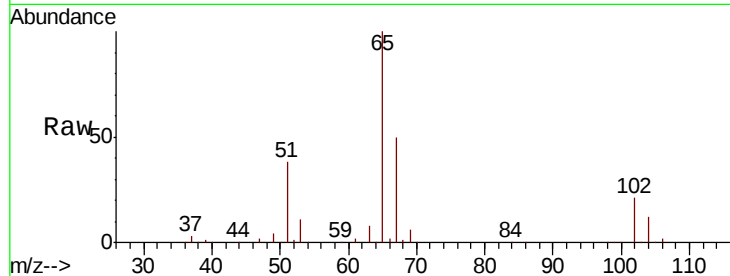
ClientSampleId :

Tot Ion: 65 Resp: 112706

Ion Ratio Lower Upper

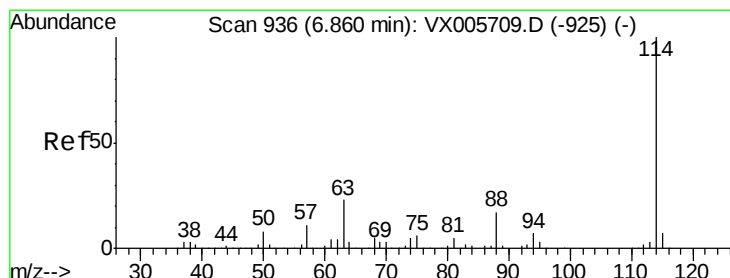
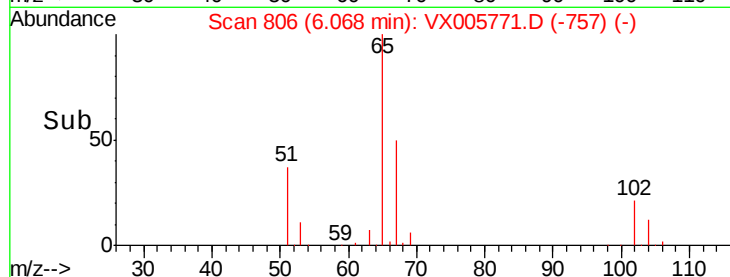
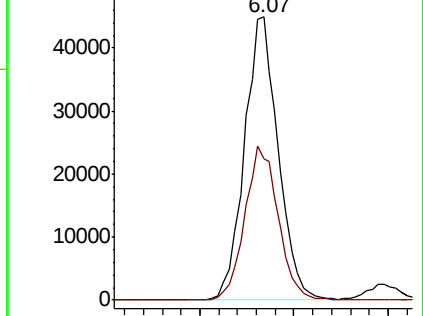
65 100

67 53.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

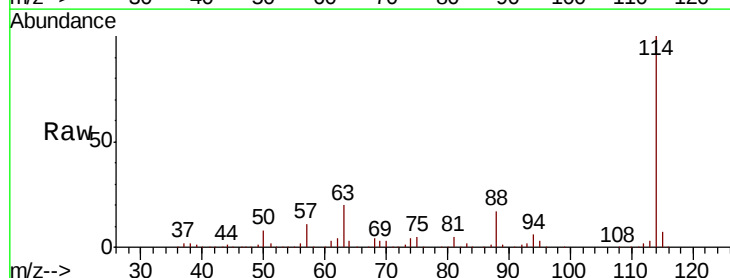
Tgt Ion: 114 Resp: 281675

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

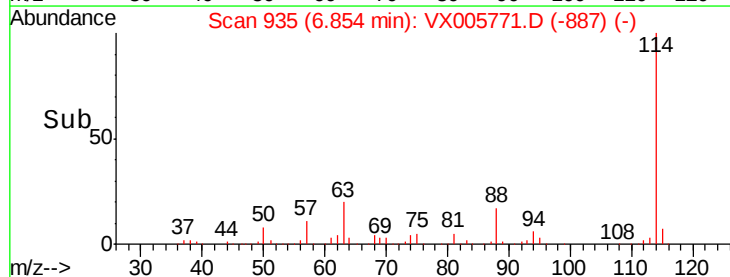
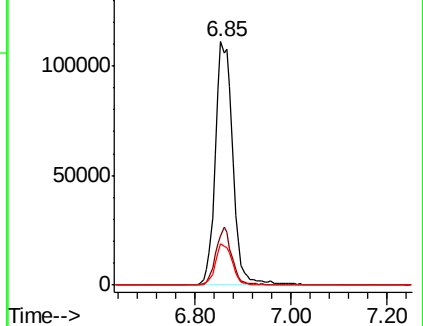
88 16.8 0.0 31.2

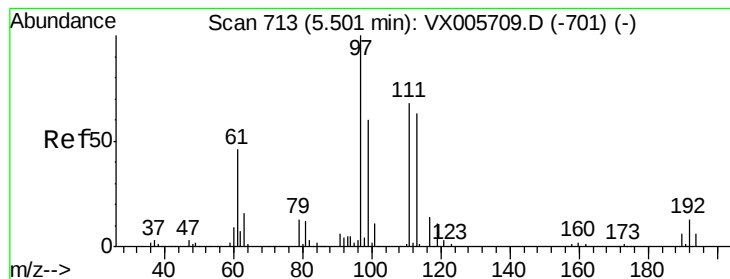


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.507 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

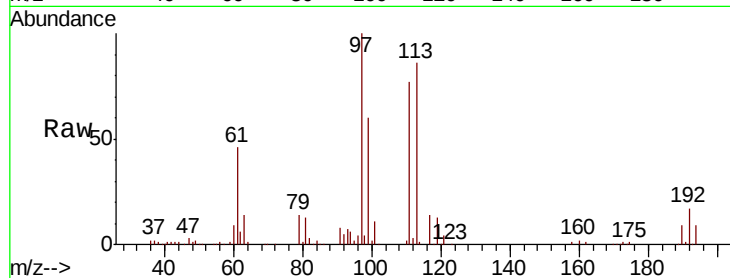
Tot Ion:113 Resp: 90705

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

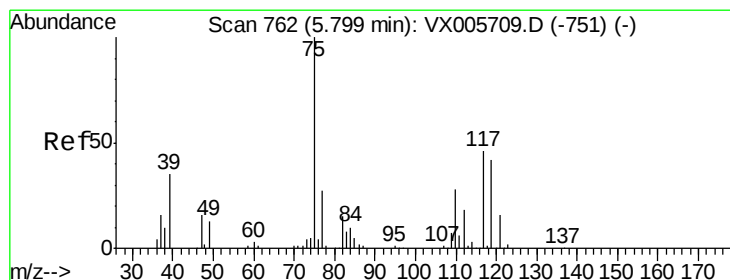
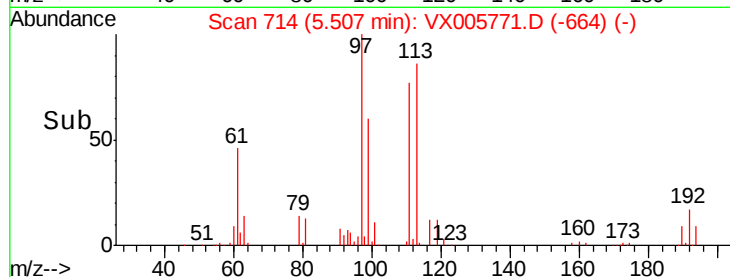
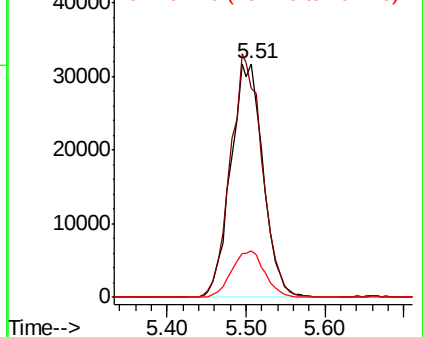
192 20.1 17.9 26.9



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: 43.717 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

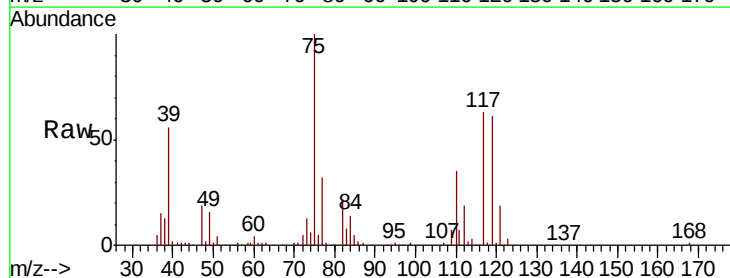
Tgt Ion: 75 Resp: 131197

Ion Ratio Lower Upper

75 100

110 35.2 17.4 52.2

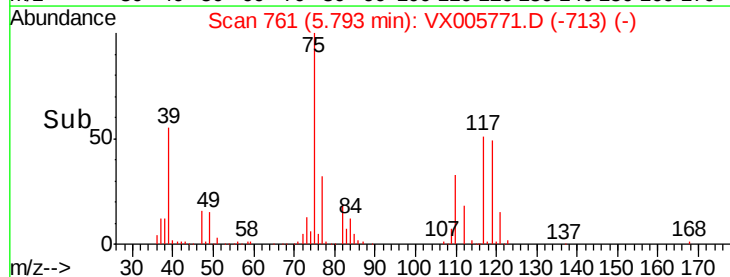
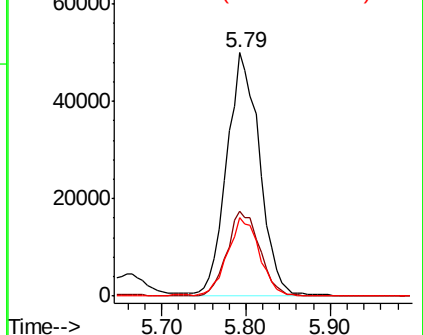
77 31.5 25.8 38.6

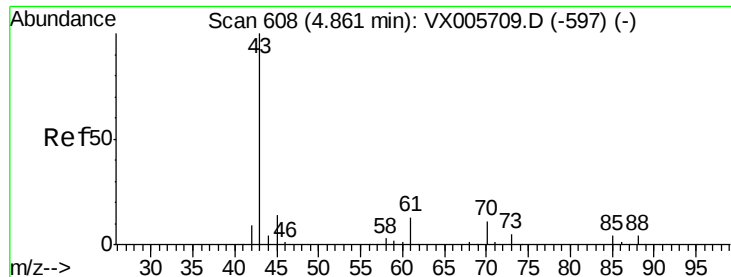


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

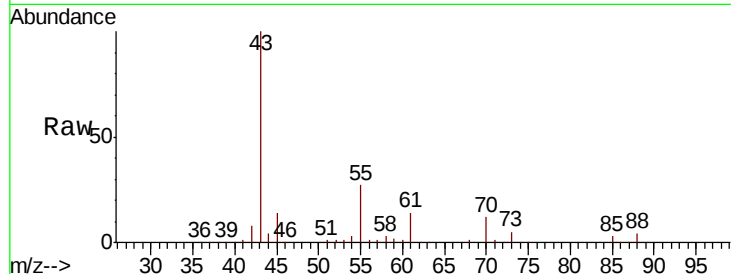




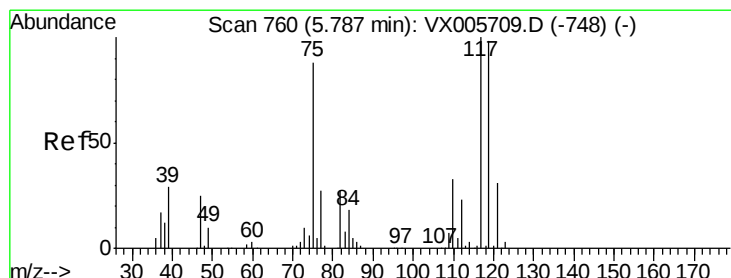
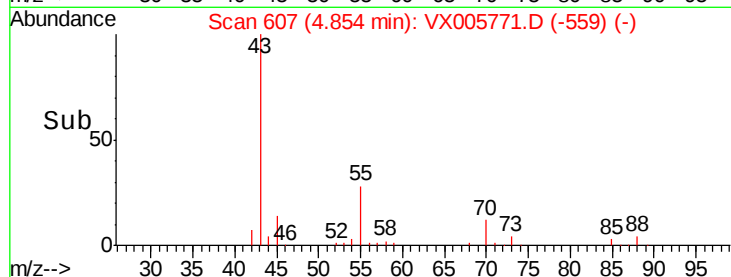
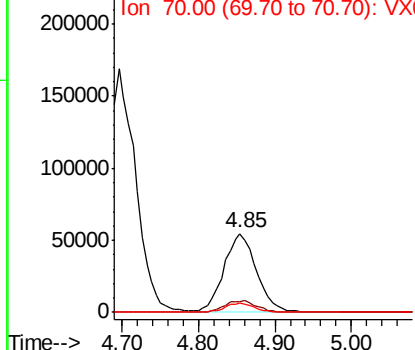
#37
Ethyl Acetate
Concen: 41.877 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 160333
Ion Ratio Lower Upper
43 100
61 14.9 10.8 16.2
70 10.8 7.8 11.8

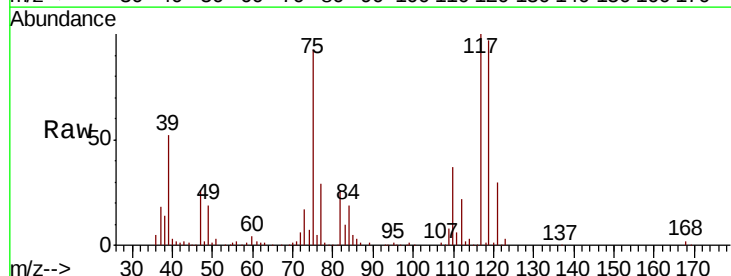


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

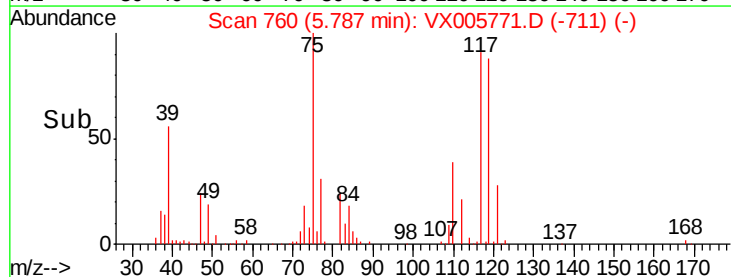
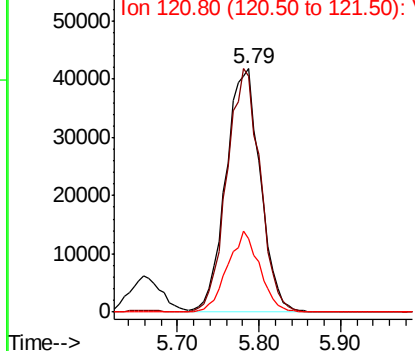


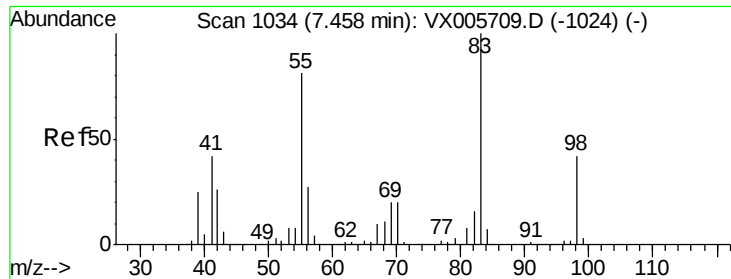
#38
Carbon Tetrachloride
Concen: 45.056 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 117 Resp: 122162
Ion Ratio Lower Upper
117 100
119 96.8 78.1 117.1
121 30.4 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

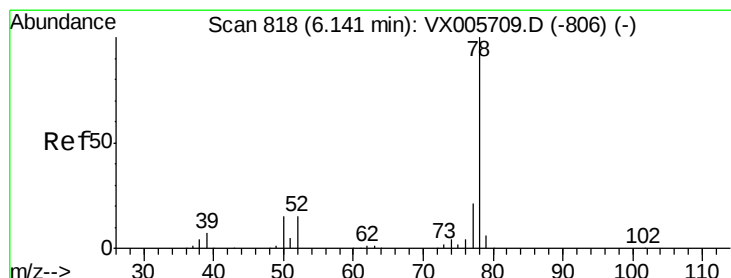
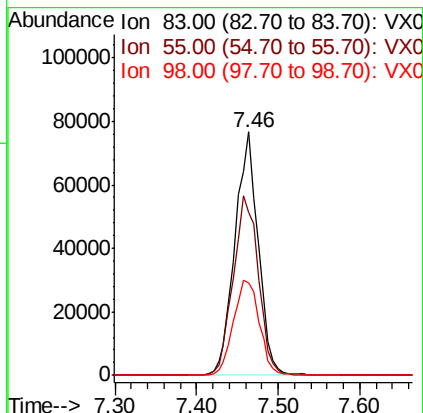
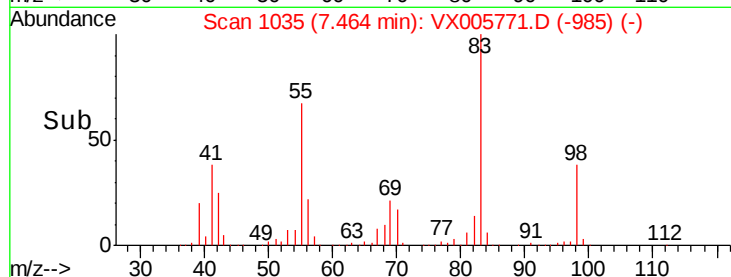
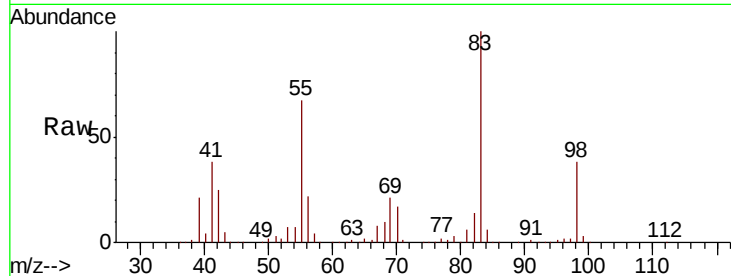




#39
Methvlcvclohexane
Concen: 48.270 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

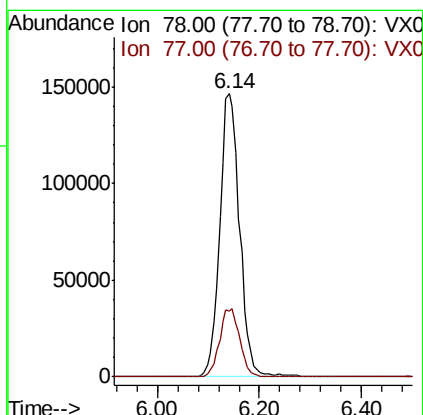
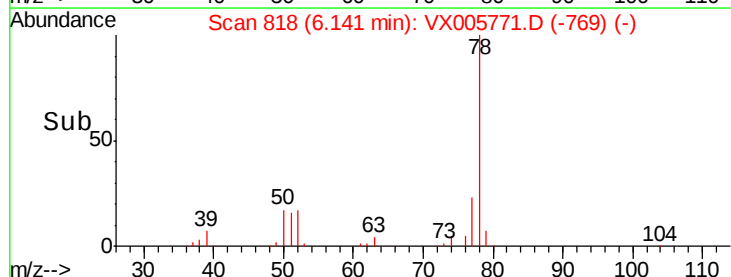
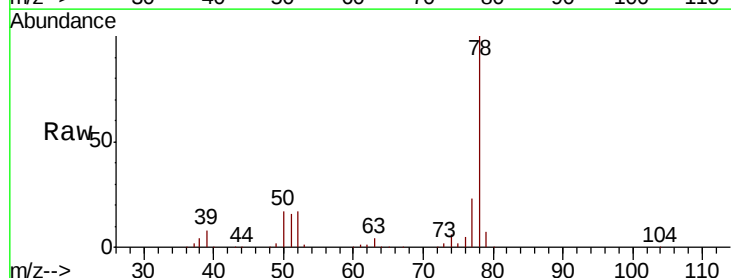
Instrument :
MSVOA_X
ClientSampleId :

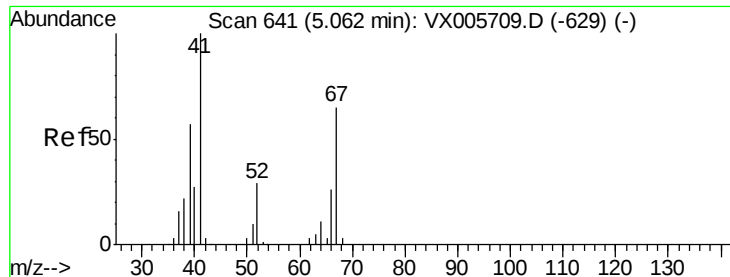
Tot Ion: 83 Resp: 151076
Ion Ratio Lower Upper
83 100
55 67.0 63.7 95.5
98 37.9 36.2 54.2



#40
Benzene
Concen: 44.225 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 78 Resp: 394846
Ion Ratio Lower Upper
78 100
77 23.3 18.4 27.6





#41

Methacrylonitrile

Concen: 43.049 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 89056

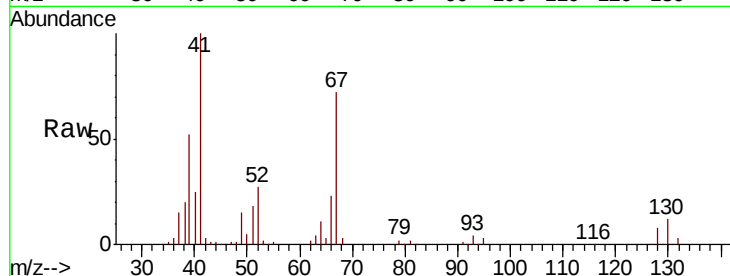
Ion Ratio Lower Upper

41 100

39 54.0 42.2 63.2

67 72.7 53.4 80.0

52 30.3 23.4 35.2

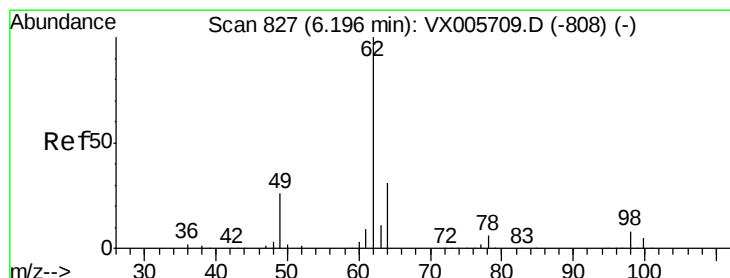
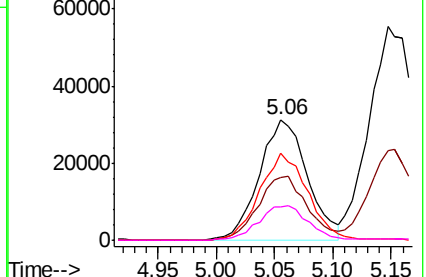
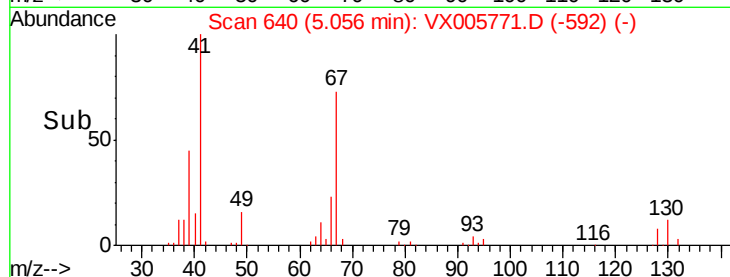


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 42.820 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX005771.D

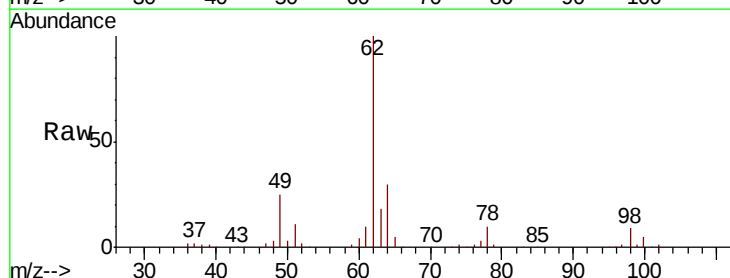
Acq: 05 Nov 2018 11:58

Tgt Ion: 62 Resp: 141310

Ion Ratio Lower Upper

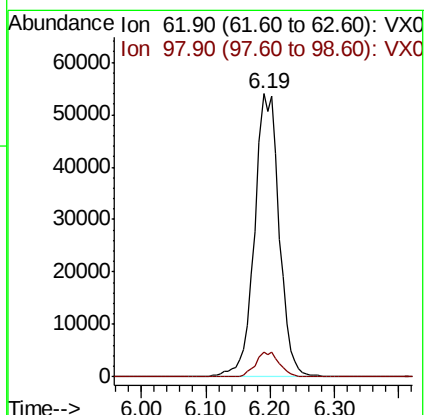
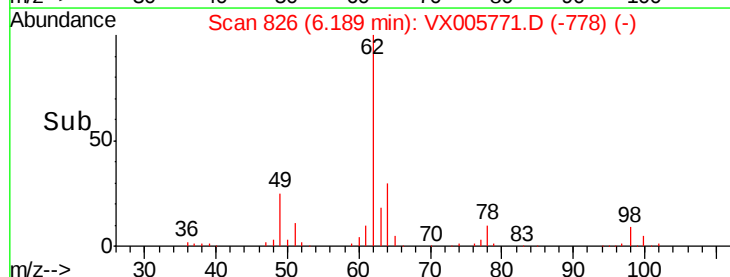
62 100

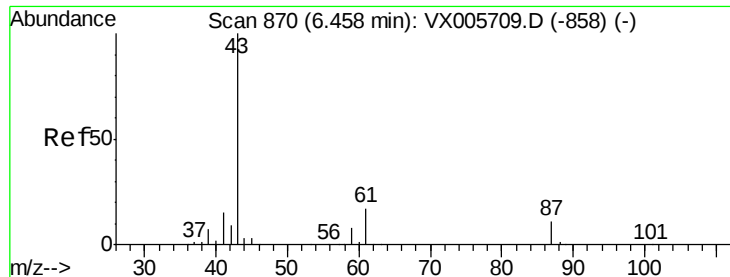
98 8.6 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



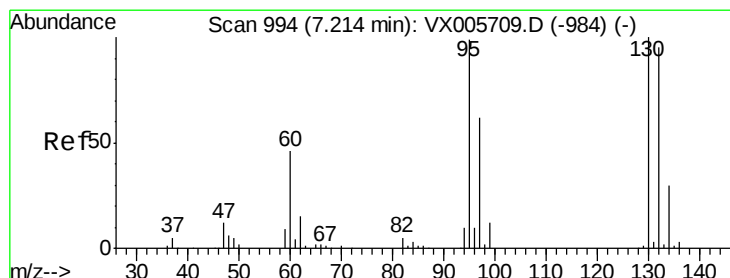
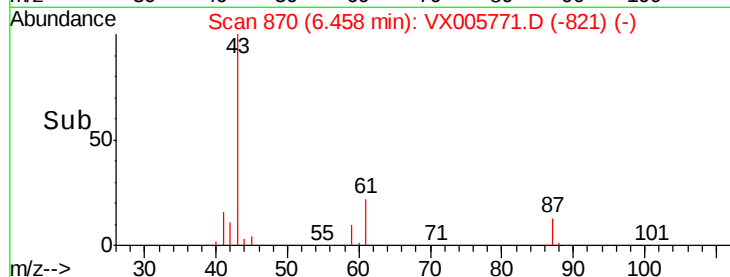
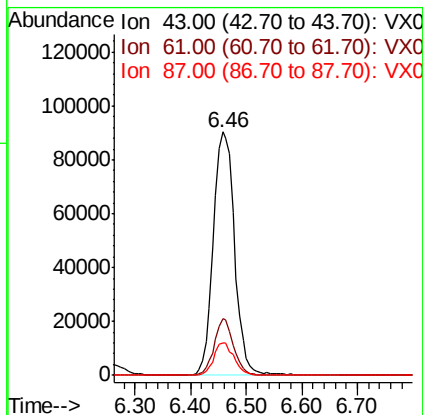
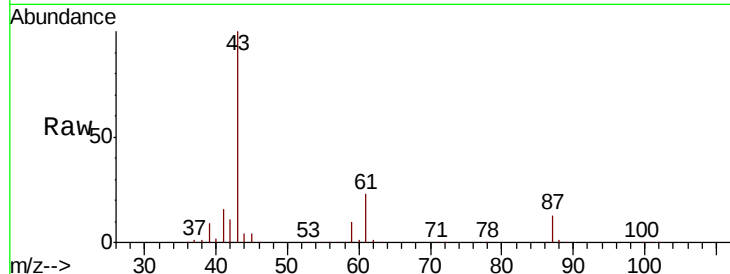


#43

Isopropyl Acetate
 Concen: 43.218 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :

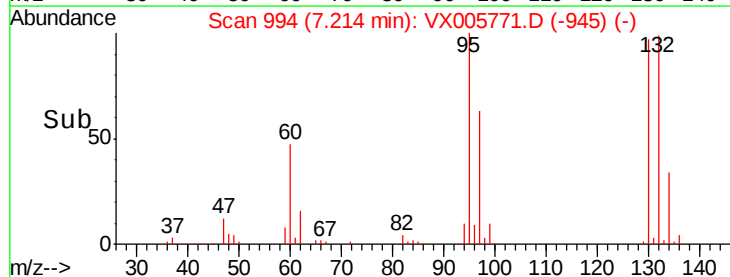
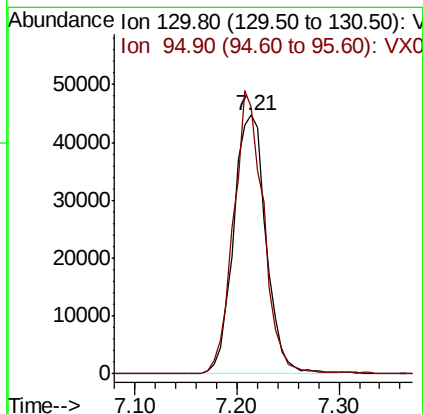
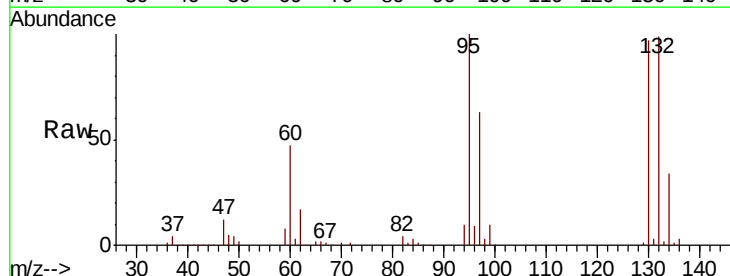
Tot Ion	43	Resp	240165
Ion Ratio	100		
Lower	14.6		
Upper	22.0		
61	21.1		
87	12.8		
	9.6		

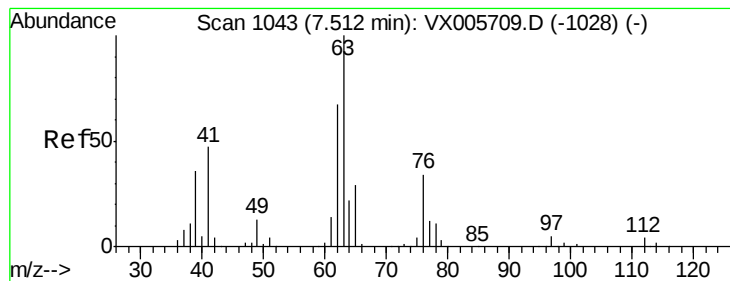


#44

Trichloroethene
 Concen: 47.881 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion	130	Resp	98869
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>0.0</td> <td></td> <td></td>	0.0		
Upper <td>194.2</td> <td></td> <td></td>	194.2		
95	103.1		





#45

1,2-Dichloropropane

Concen: 47.271 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

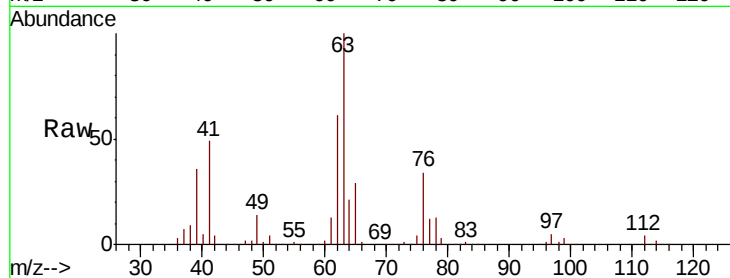
ClientSampleId :

Tot Ion: 63 Resp: 108154

Ion Ratio Lower Upper

63 100

65 29.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

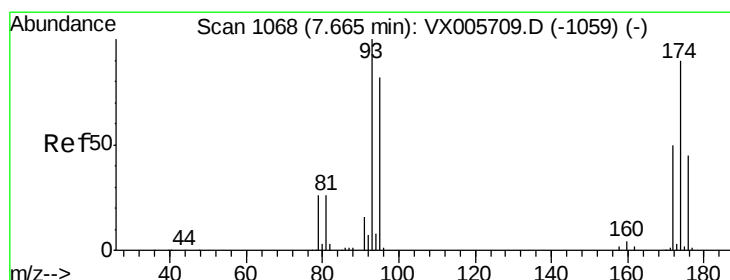
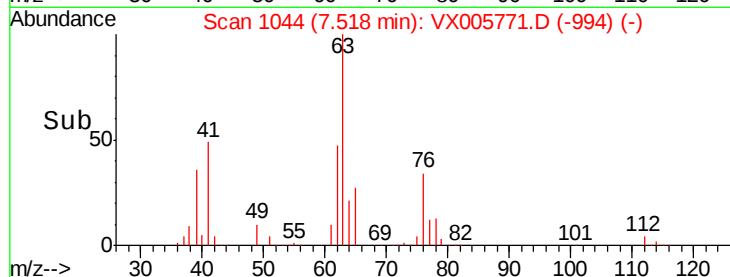
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 46.879 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

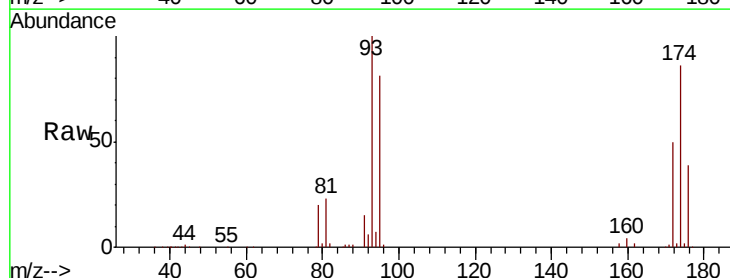
Tgt Ion: 93 Resp: 68546

Ion Ratio Lower Upper

93 100

95 81.8 67.4 101.0

174 95.3 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

50000

40000

30000

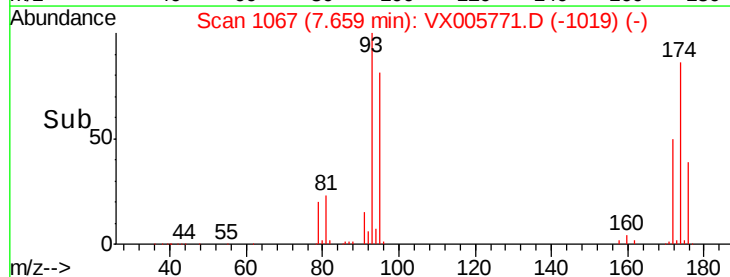
20000

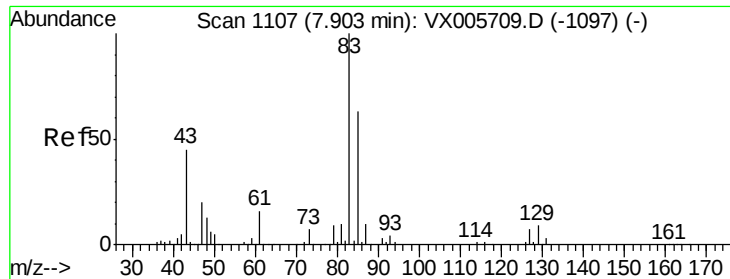
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 45.633 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :

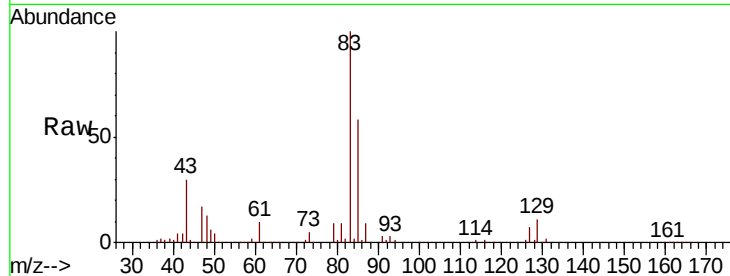
Tot Ion: 83 Resp: 125158

Ion Ratio Lower Upper

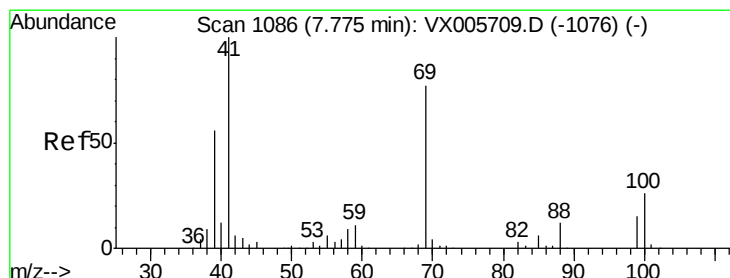
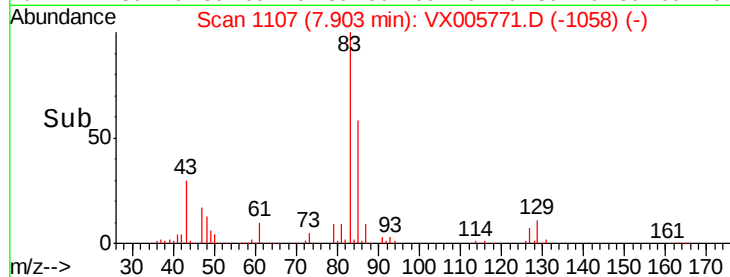
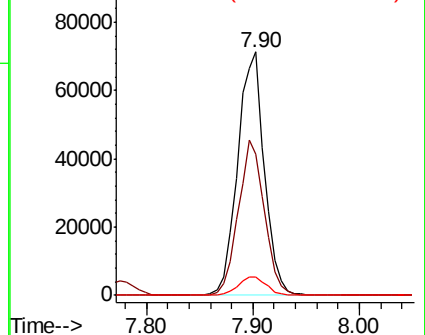
83 100

85 58.1 50.2 75.4

127 7.5 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: 46.126 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

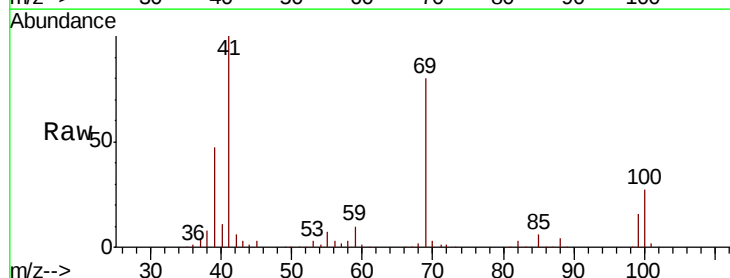
Tgt Ion: 41 Resp: 124060

Ion Ratio Lower Upper

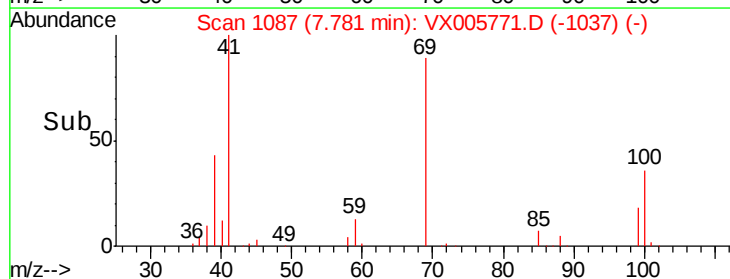
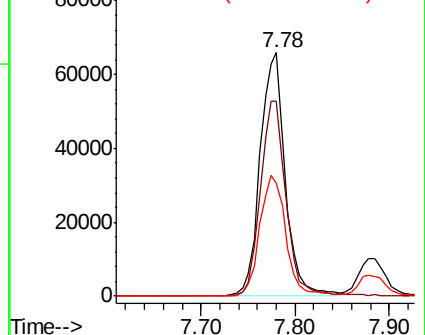
41 100

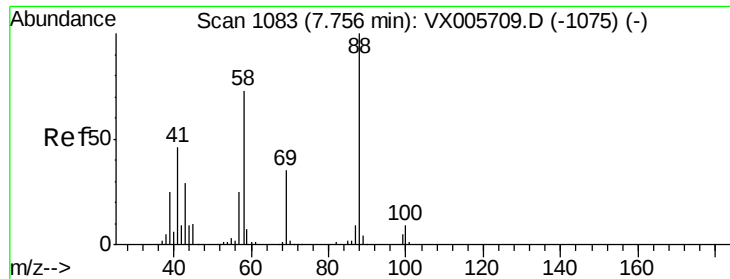
69 82.0 63.2 94.8

39 51.7 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

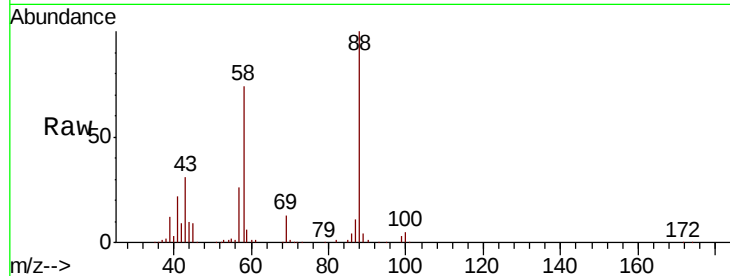




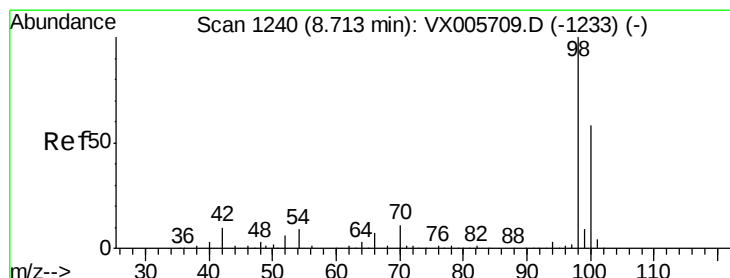
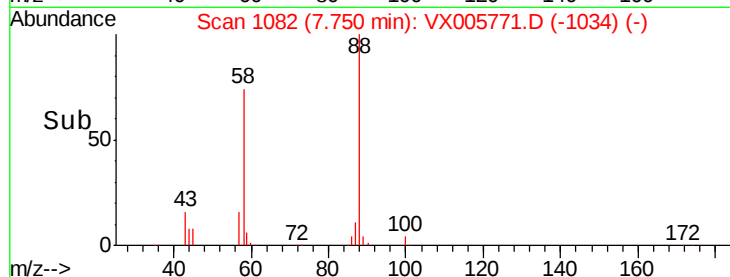
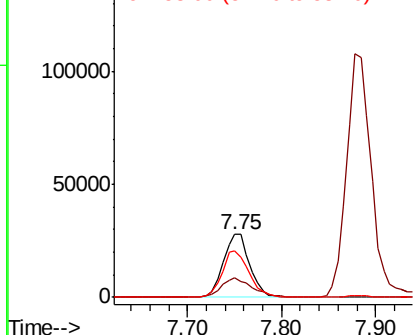
#49
1,4-Dioxane
Concen: 904.500 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleID :

Tot Ion: 88 Resp: 54171
Ion Ratio Lower Upper
88 100
43 35.1 27.4 41.0
58 74.6 59.4 89.2

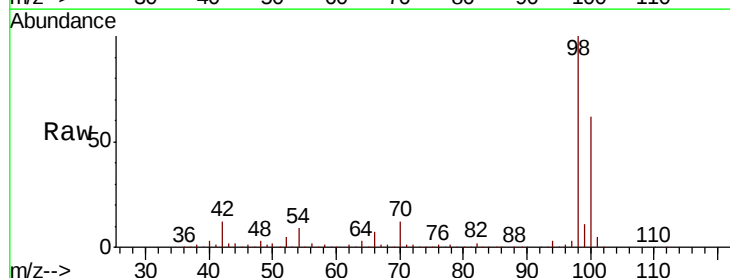


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

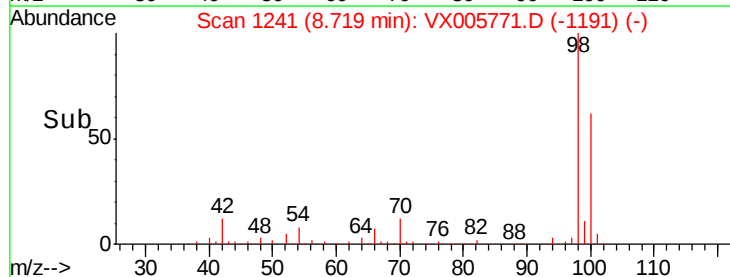
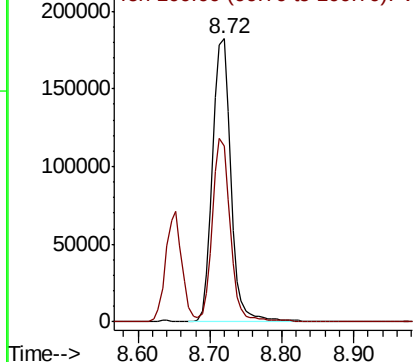


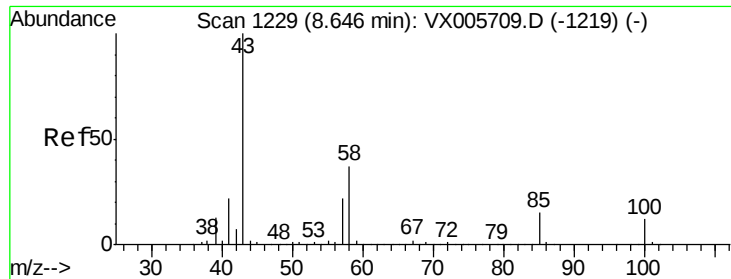
#50
Toluene-d8
Concen: 47.130 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 98 Resp: 322395
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 218.537 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

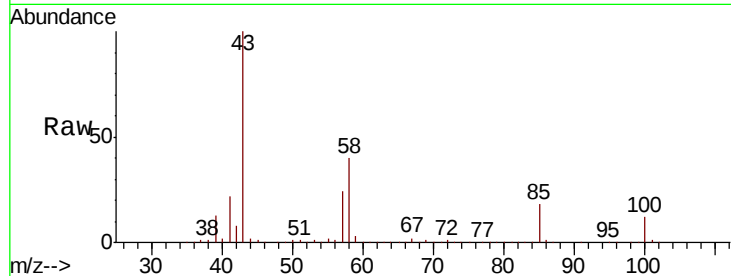
ClientSampleId :

Tot Ion: 43 Resp: 828065

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

8.65

600000

500000

400000

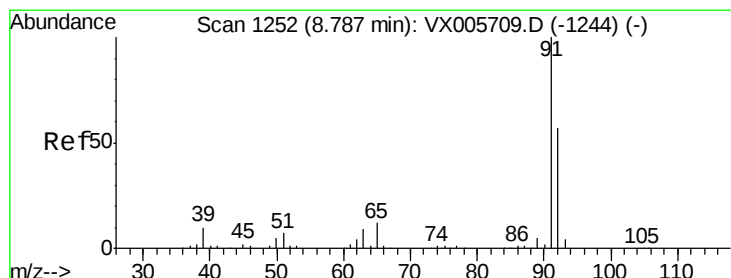
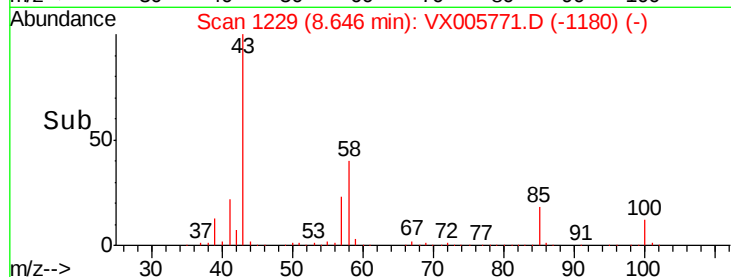
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 49.264 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005771.D

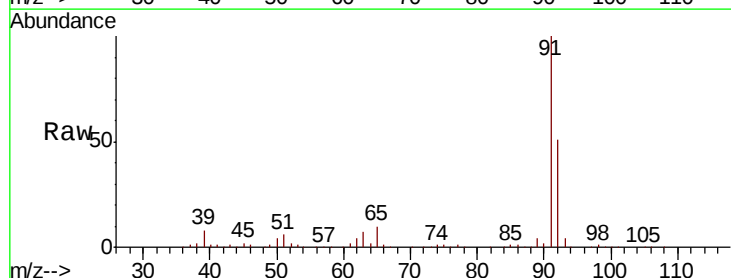
Acq: 05 Nov 2018 11:58

Tgt Ion: 92 Resp: 237904

Ion Ratio Lower Upper

92 100

91 178.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

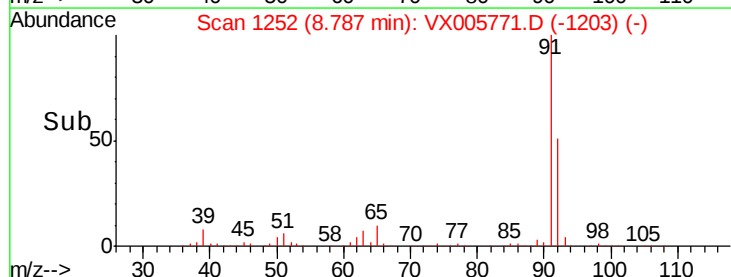
150000

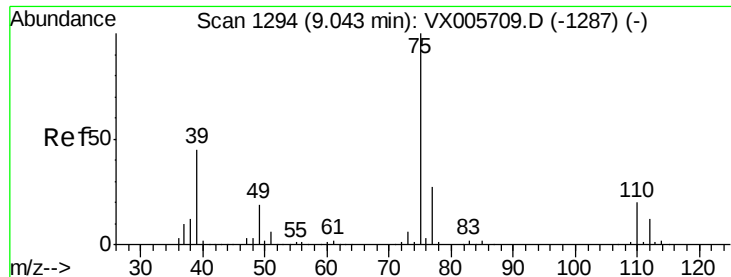
100000

50000

0

Time--> 8.70 8.80 8.90 9.00

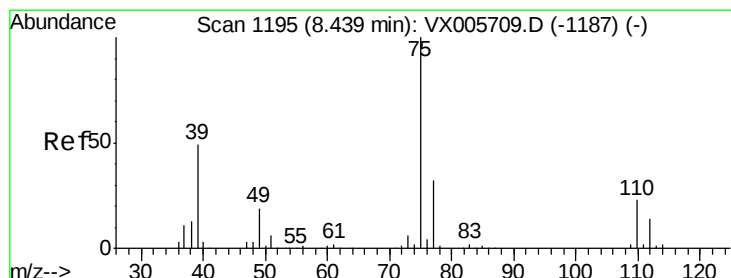
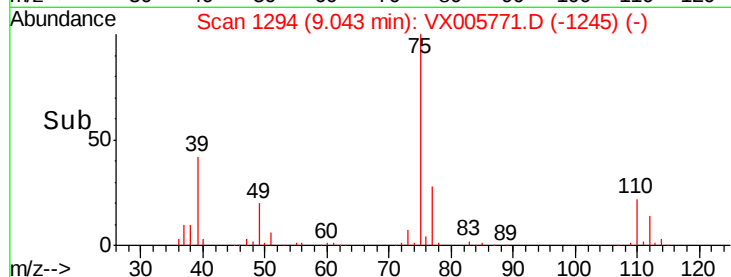
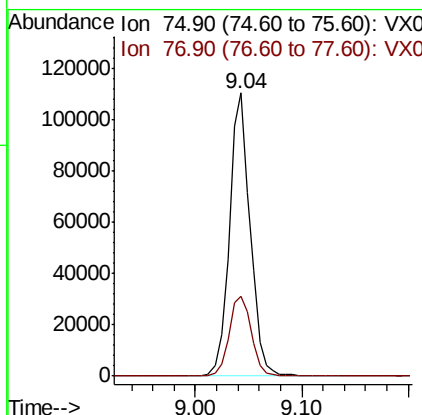
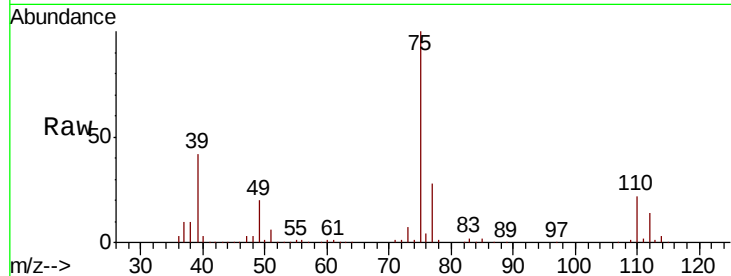




#53
 t-1,3-Dichloropropene
 Concen: 50.577 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

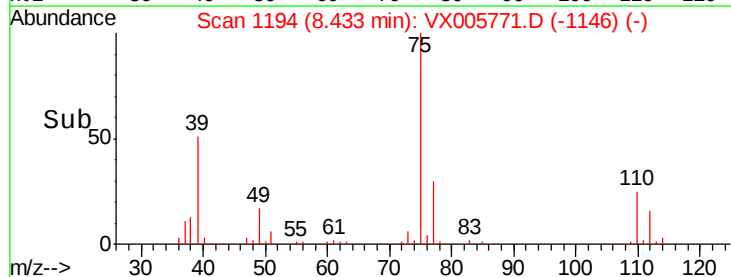
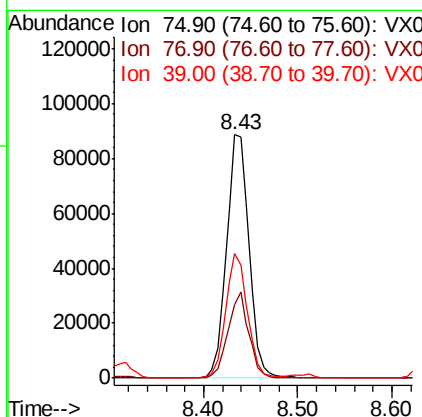
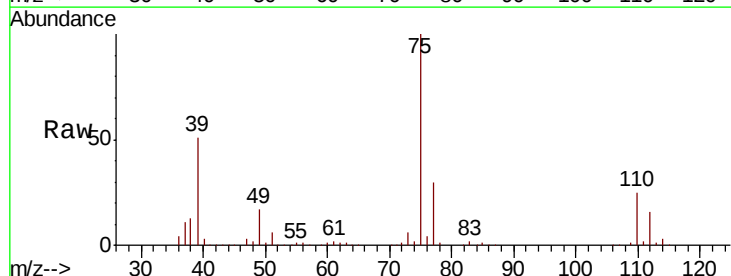
Instrument :
 MSVOA_X
 ClientSampleId :

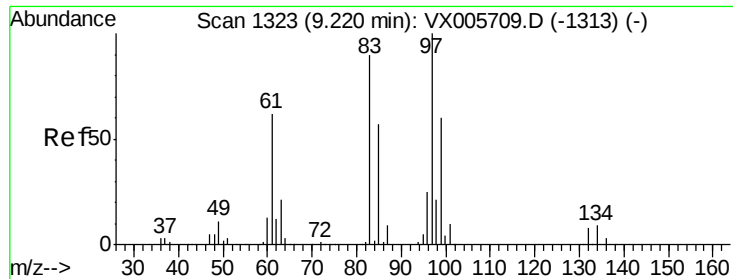
Tot Ion: 75 Resp: 150331
 Ion Ratio Lower Upper
 75 100
 77 28.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 45.981 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion: 75 Resp: 146428
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.2 37.8
 39 50.8 38.2 57.2

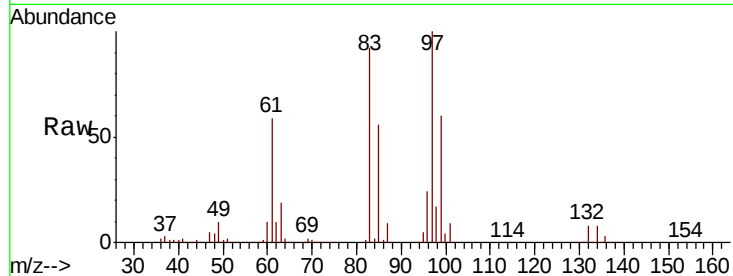




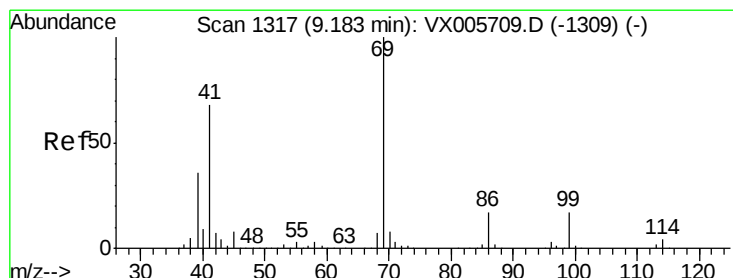
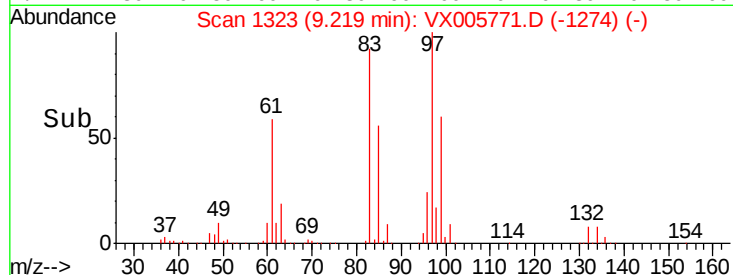
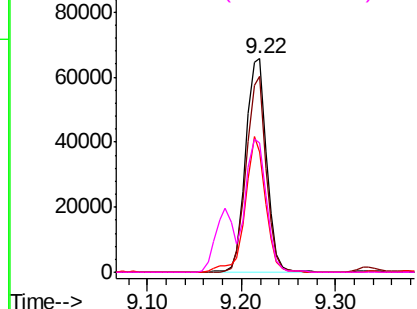
#55
 1,1,2-Trichloroethane
 Concen: 48.559 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 101839
 Ion Ratio Lower Upper
 97 100
 83 91.9 70.7 106.1
 85 56.2 45.8 68.6
 99 60.5 51.8 77.8

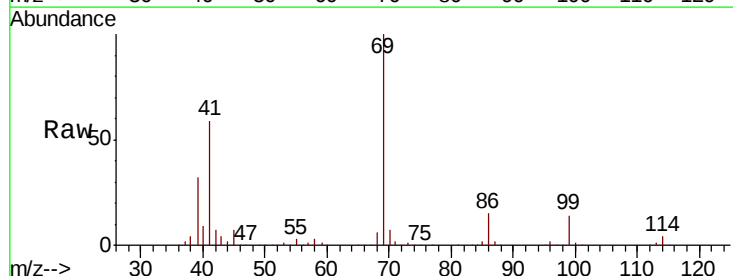


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

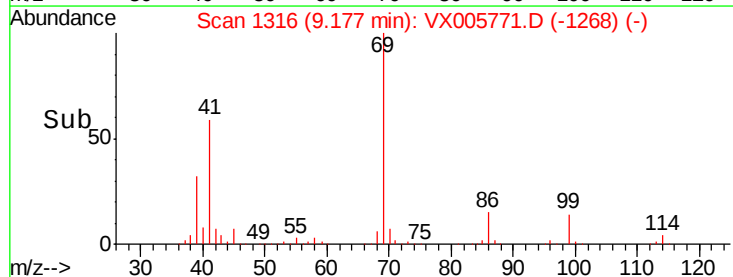
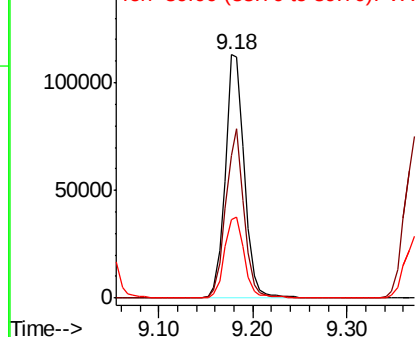


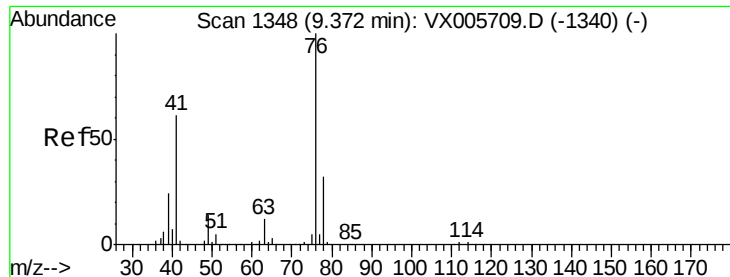
#56
 Ethyl methacrylate
 Concen: 44.771 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion: 69 Resp: 158416
 Ion Ratio Lower Upper
 69 100
 41 66.5 57.0 85.6
 39 34.5 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: 48.737 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

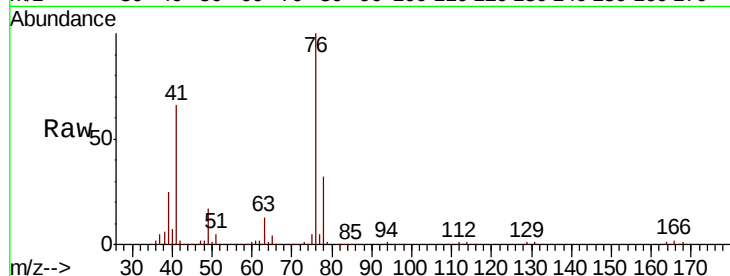
ClientSampleId :

Tot Ion: 76 Resp: 175576

Ion Ratio Lower Upper

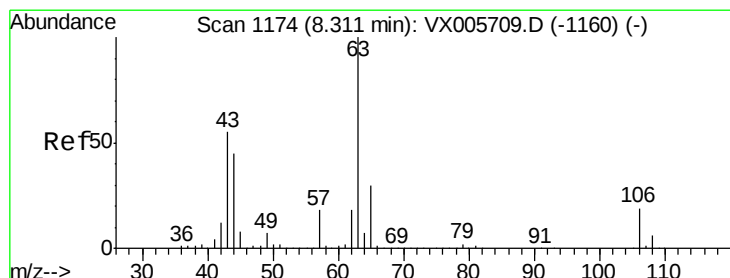
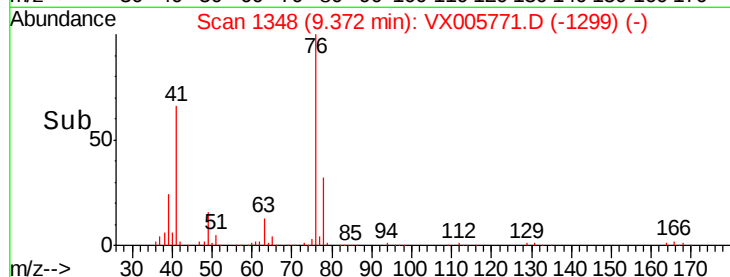
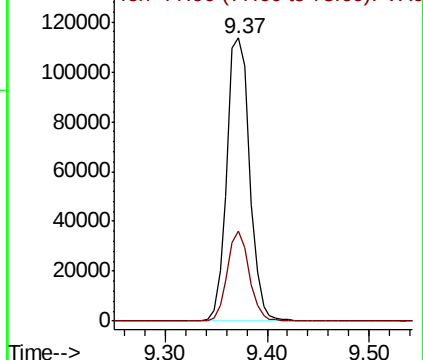
76 100

78 30.5 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: 215.447 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005771.D

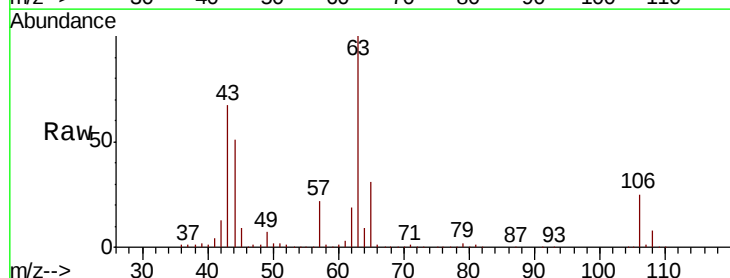
Acq: 05 Nov 2018 11:58

Tgt Ion: 63 Resp: 432607

Ion Ratio Lower Upper

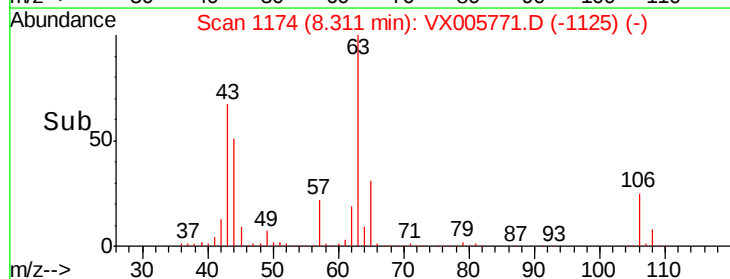
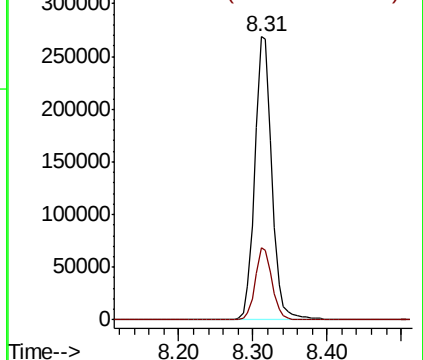
63 100

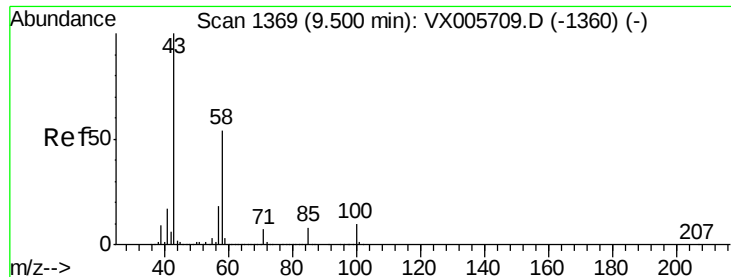
106 25.2 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

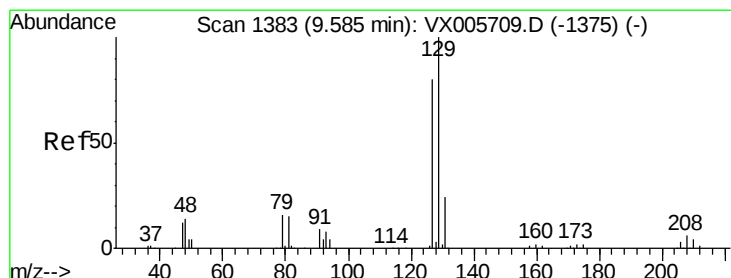
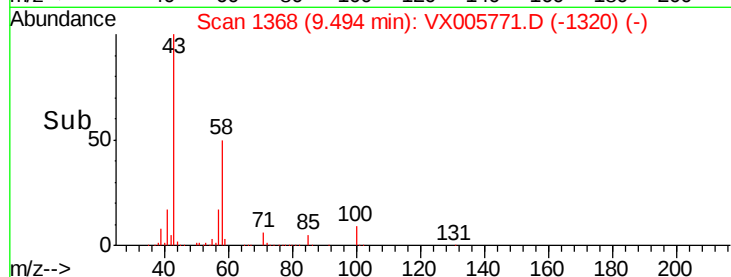
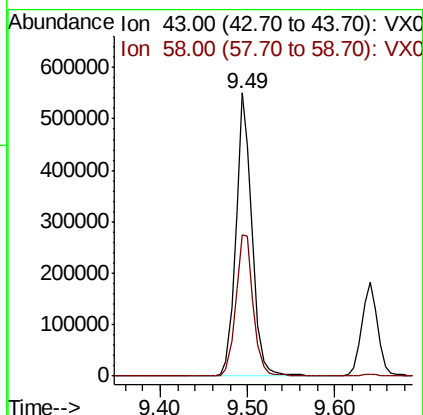
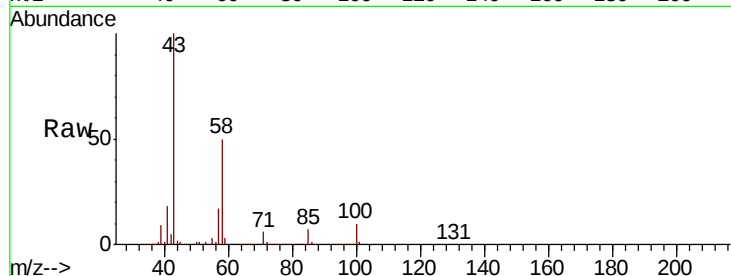




#59
2-Hexanone
Concen: 229.294 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

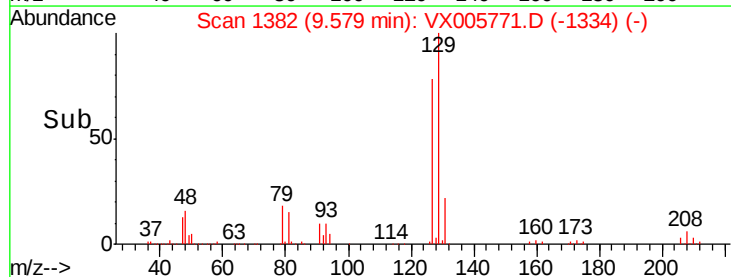
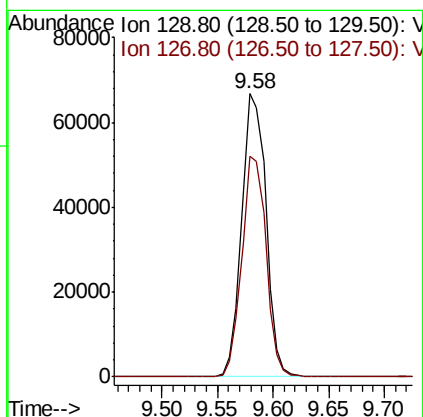
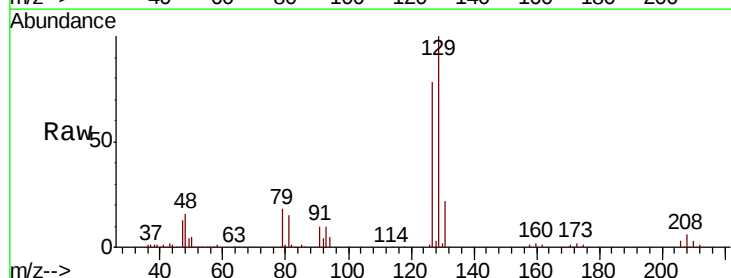
Instrument :
MSVOA_X
ClientSampleId :

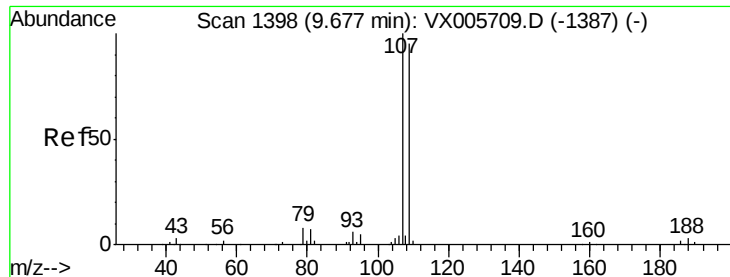
Tot Ion: 43 Resp: 707051
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.8



#60
Dibromochloromethane
Concen: 50.156 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 129 Resp: 101643
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.533 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

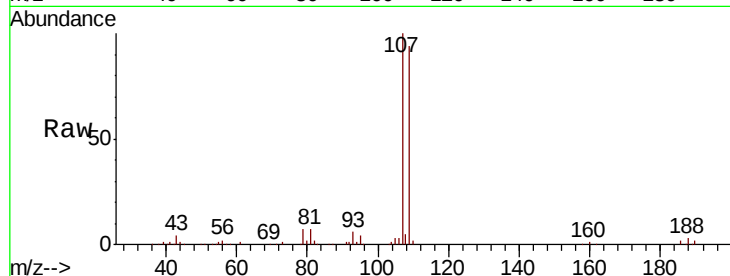
ClientSampleId :

Tot Ion:107 Resp: 107991

Ion Ratio Lower Upper

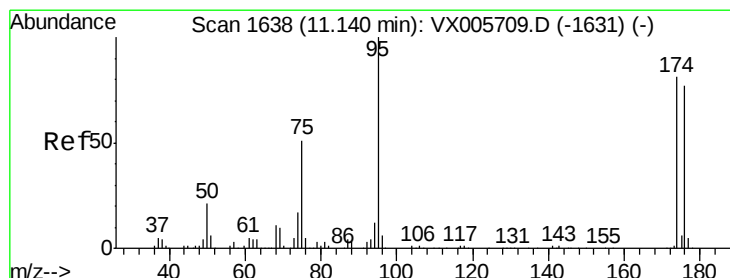
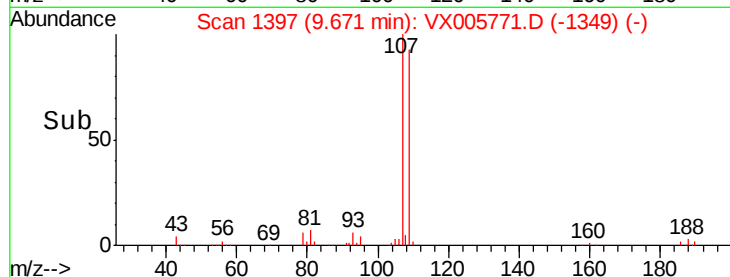
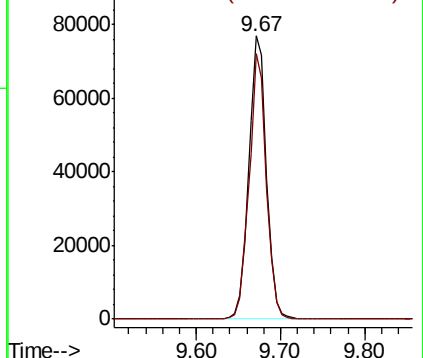
107 100

109 91.9 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: 48.815 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

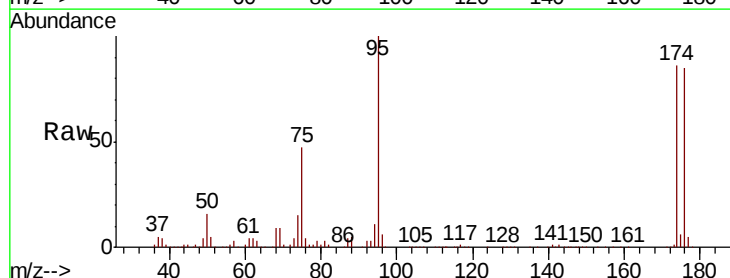
Tgt Ion: 95 Resp: 123240

Ion Ratio Lower Upper

95 100

174 81.9 0.0 184.4

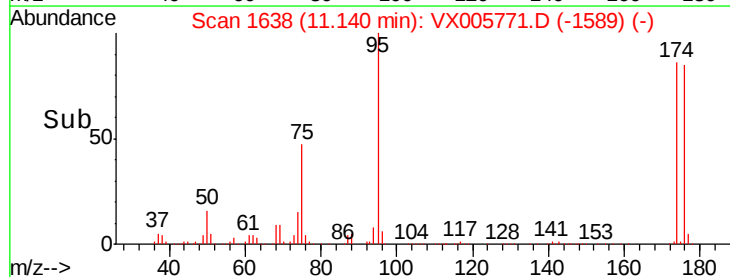
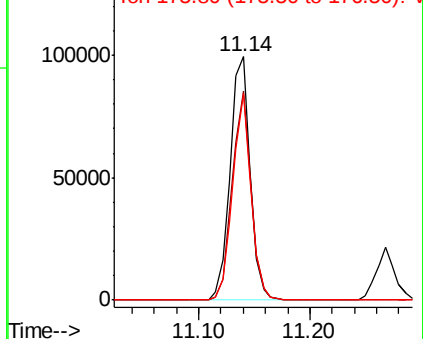
176 78.5 0.0 177.4

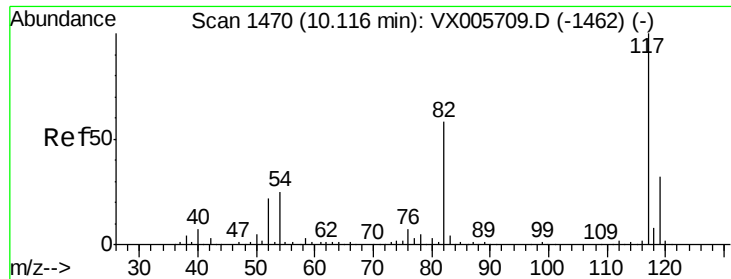


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

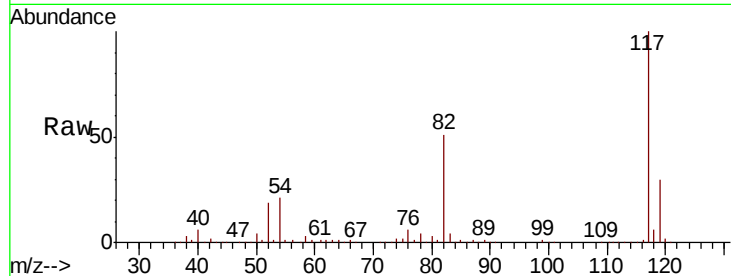




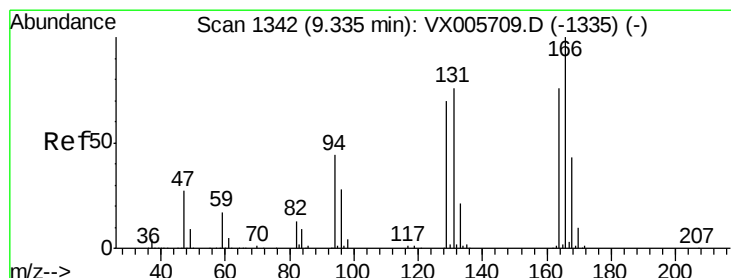
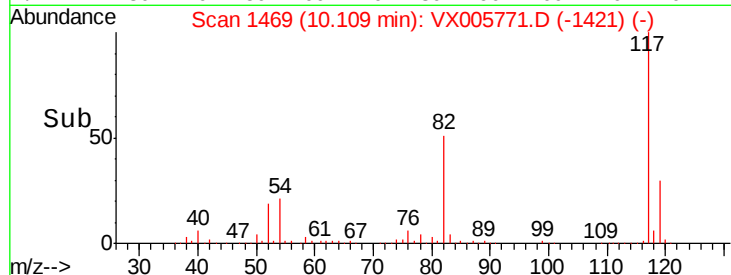
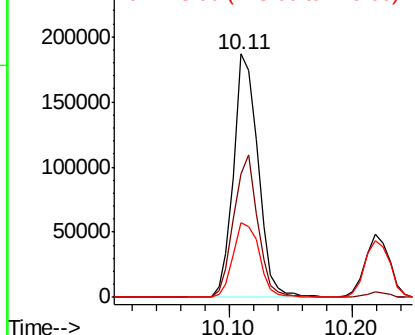
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 258376
Ion Ratio Lower Upper
117 100
82 50.7 44.1 66.1
119 30.5 26.2 39.2

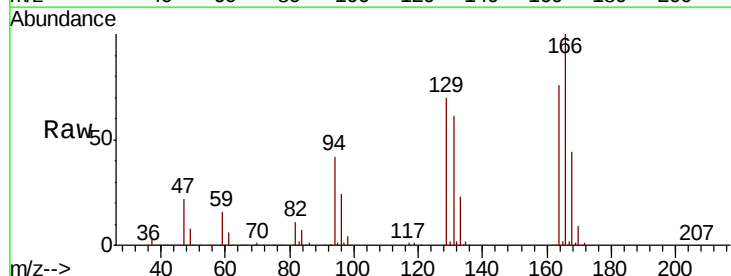


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

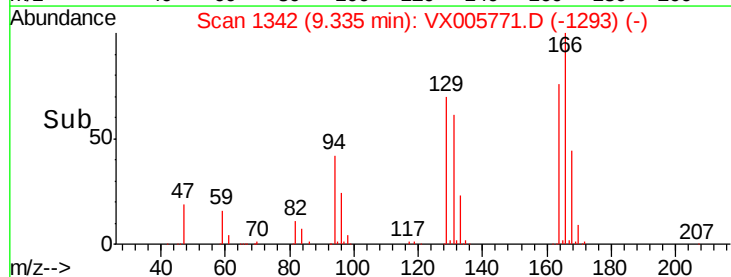
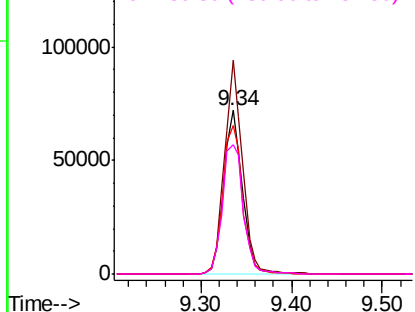


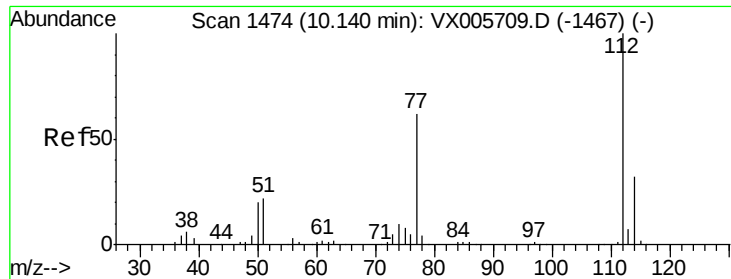
#64
Tetrachloroethene
Concen: 54.910 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion:164 Resp: 103651
Ion Ratio Lower Upper
164 100
166 130.8 101.9 152.9
129 91.2 72.6 109.0
131 79.4 71.1 106.7



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

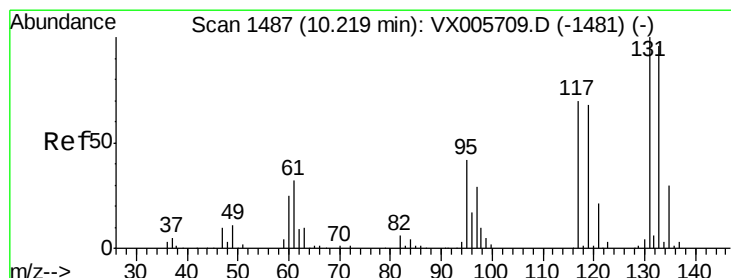
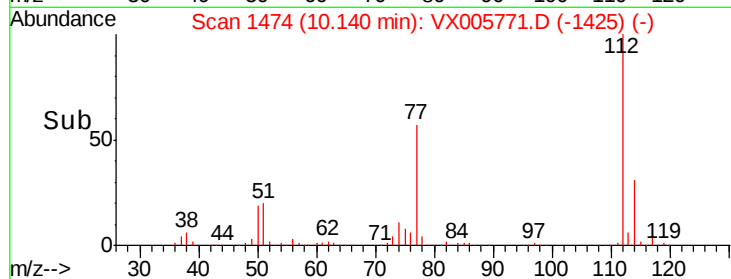
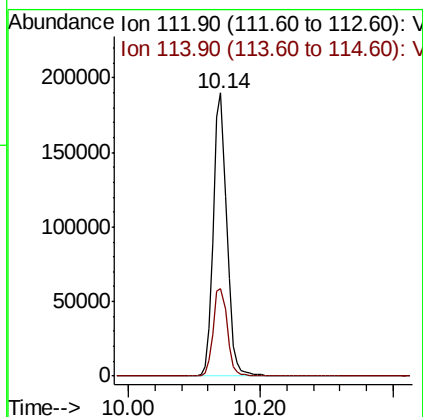
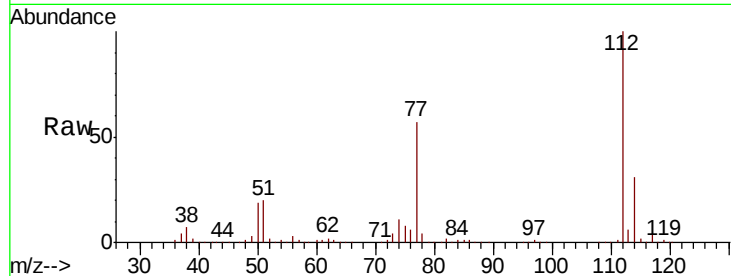




#65
Chlorobenzene
Concen: 48.016 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

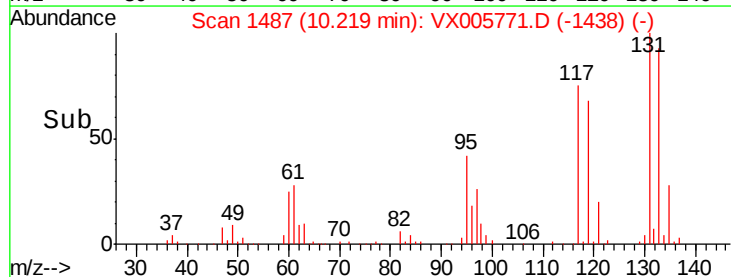
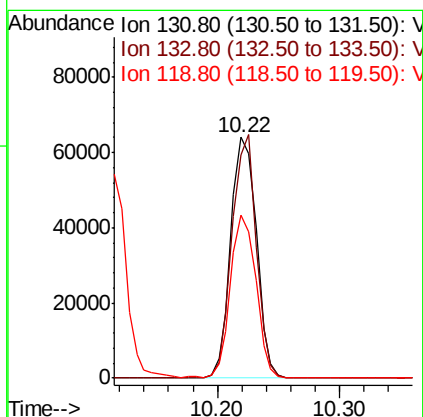
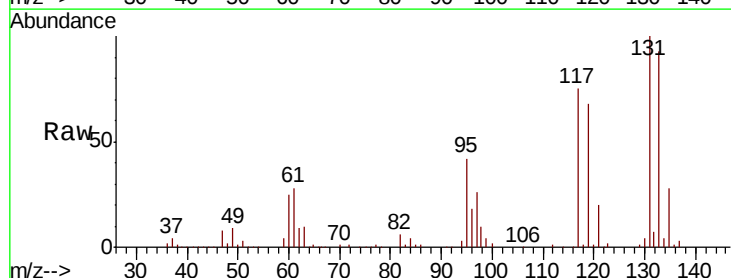
Instrument :
MSVOA_X
ClientSampleId :

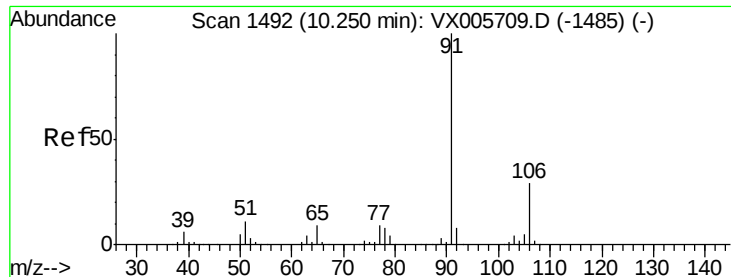
Tot Ion:112 Resp: 263632
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.476 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion:131 Resp: 92994
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 67.2 31.8 95.3

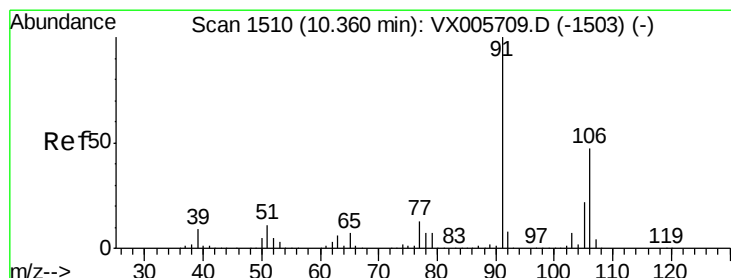
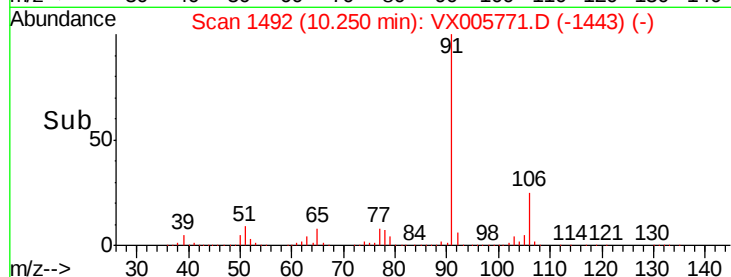
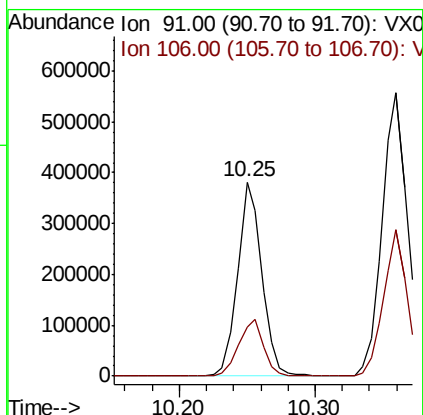
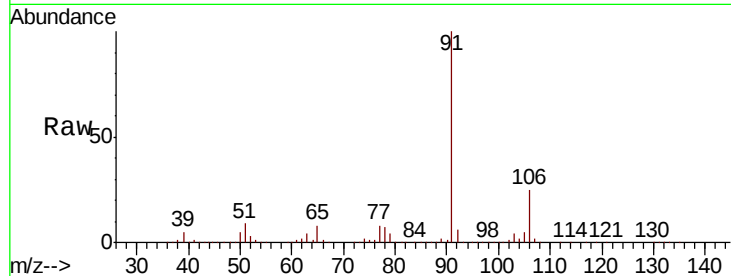




#67
Ethyl Benzene
Concen: 50.328 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

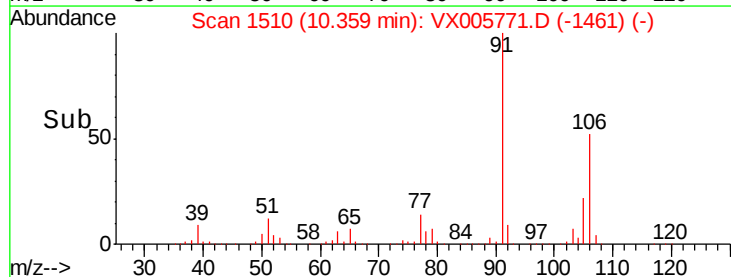
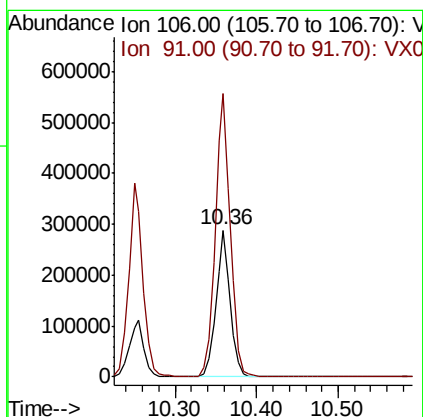
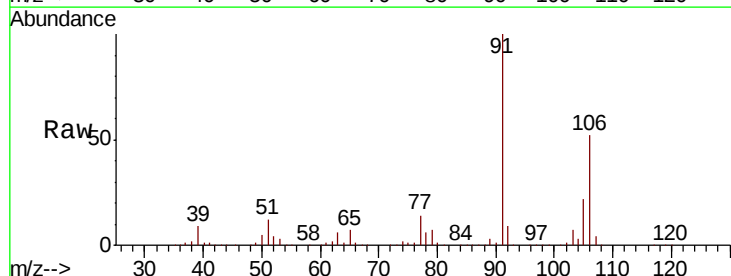
Instrument :
MSVOA_X
ClientSampleId :

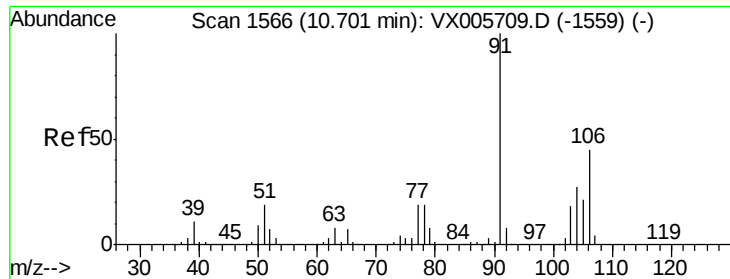
Tot Ion: 91 Resp: 471598
Ion Ratio Lower Upper
91 100
106 25.3 24.4 36.6



#68
m/p-Xylenes
Concen: 101.170 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 106 Resp: 352266
Ion Ratio Lower Upper
106 100
91 205.7 164.2 246.4

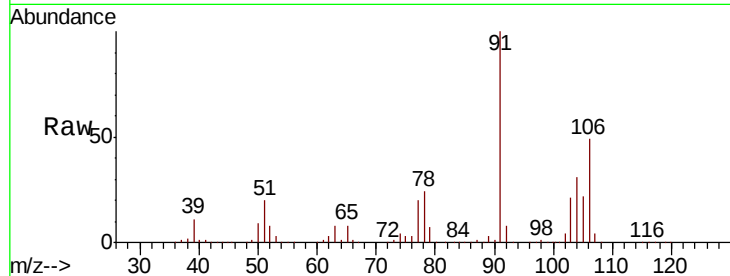




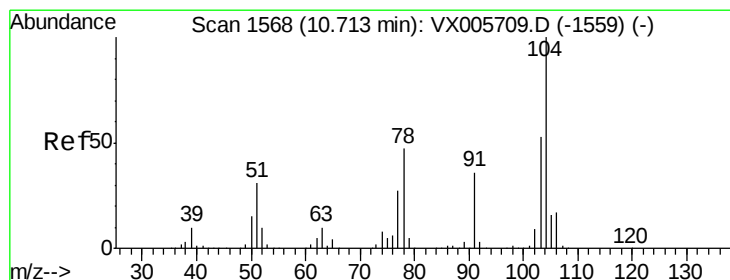
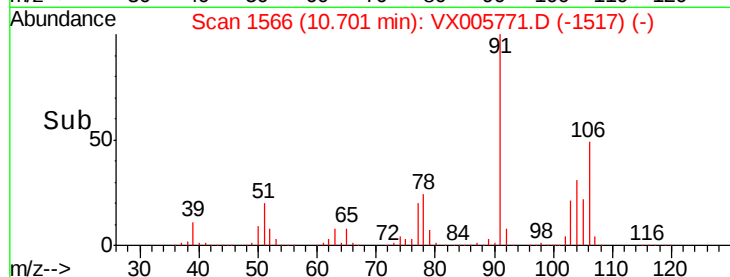
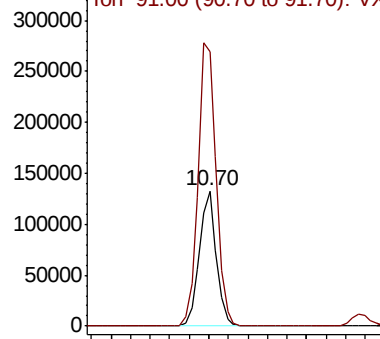
#69
o-Xylene
Concen: 47.618 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 158577
Ion Ratio Lower Upper
106 100
91 223.1 108.5 325.5

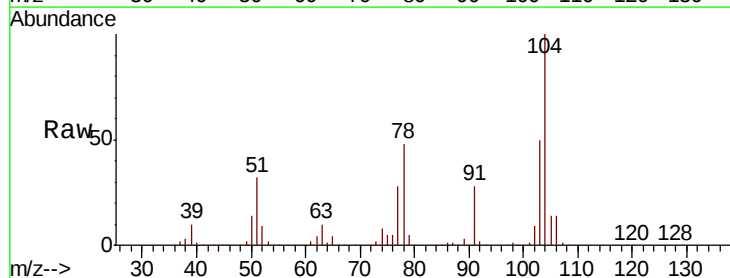


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

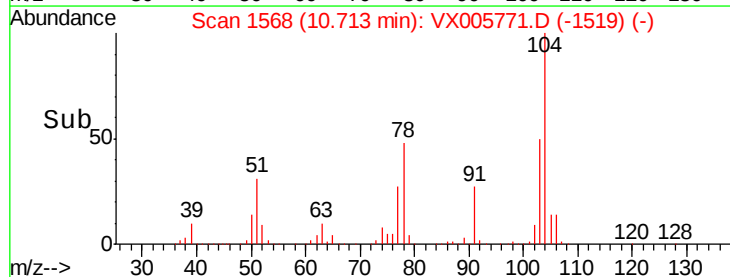
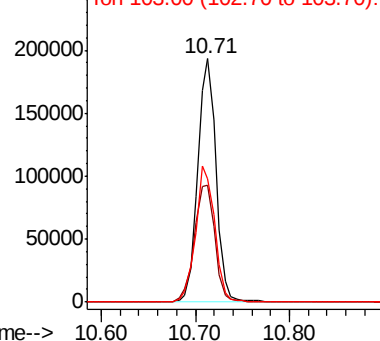


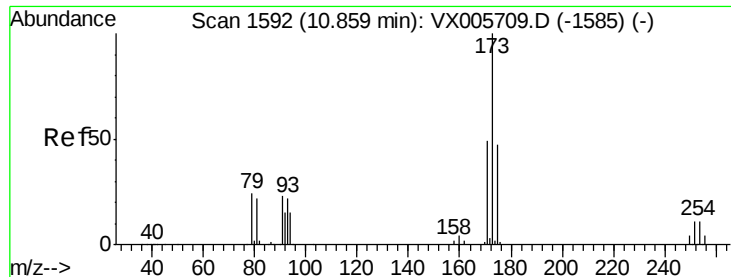
#70
Styrene
Concen: 47.159 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion:104 Resp: 260841
Ion Ratio Lower Upper
104 100
78 54.1 40.2 60.4
103 58.2 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: 46.347 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

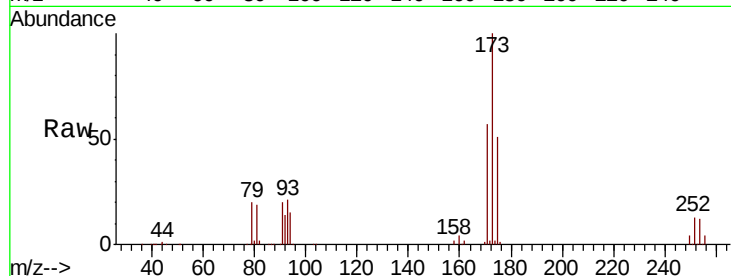
Tot Ion:173 Resp: 70582

Ion Ratio Lower Upper

173 100

175 50.8 24.8 74.3

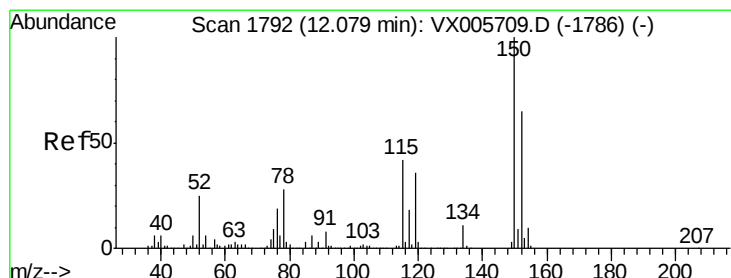
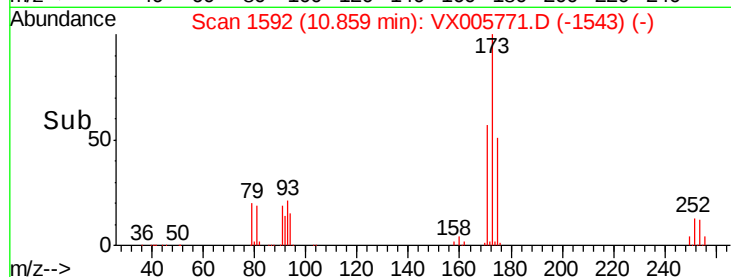
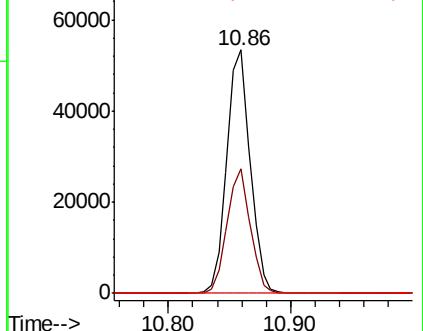
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

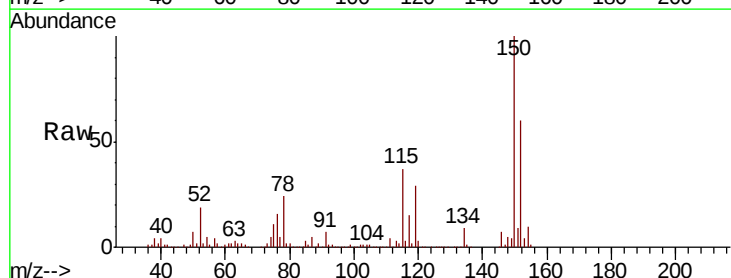
Tgt Ion:152 Resp: 147141

Ion Ratio Lower Upper

152 100

115 83.4 39.4 118.1

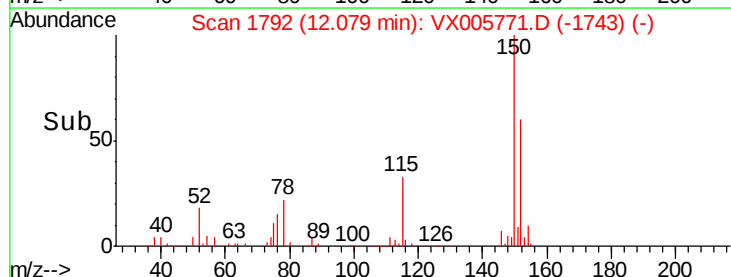
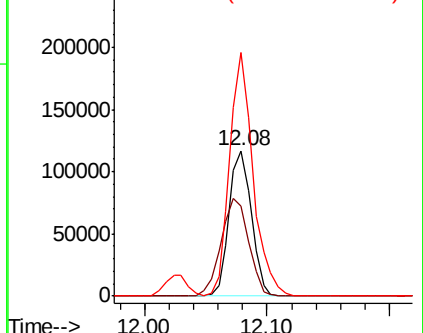
150 175.5 0.0 346.4

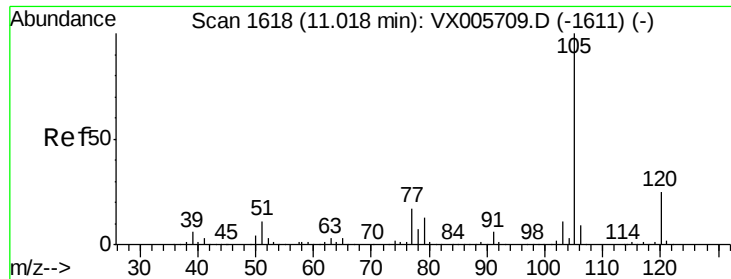


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

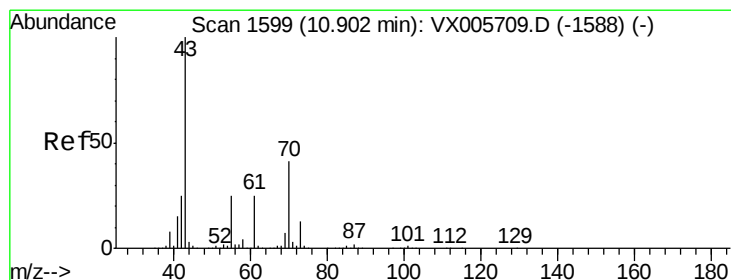
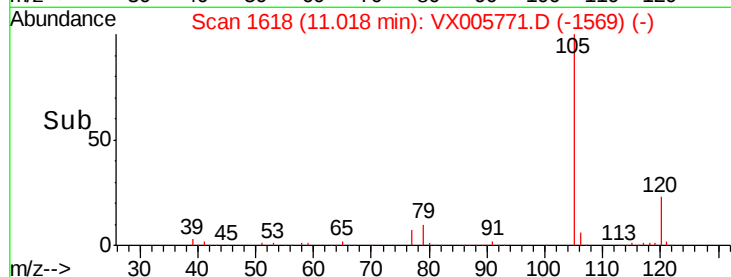
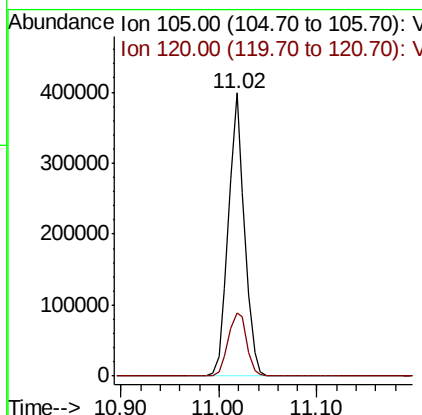
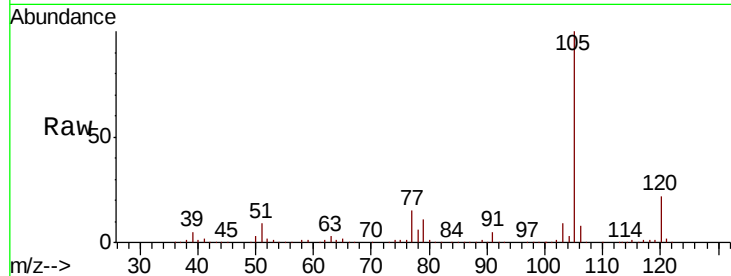




#73
Isopropylbenzene
Concen: 46.916 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

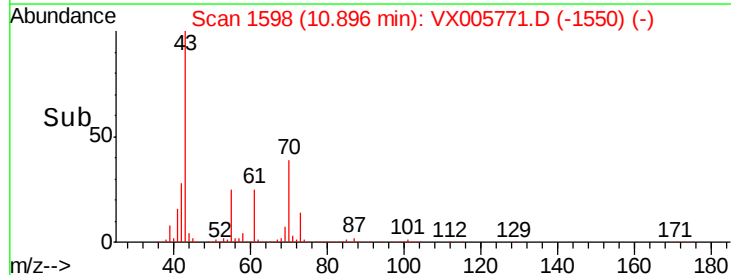
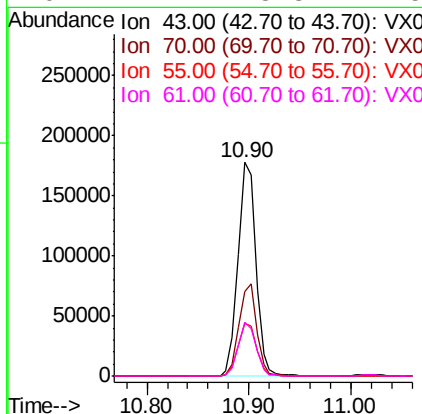
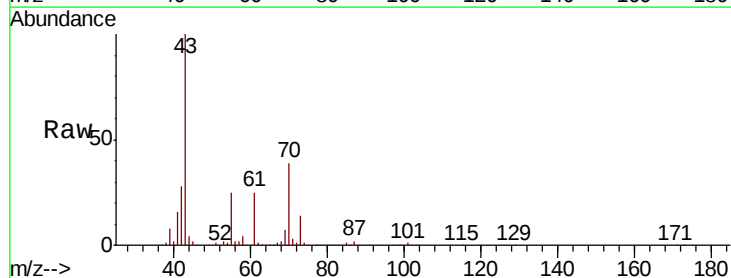
Instrument :
MSVOA_X
ClientSampleId :

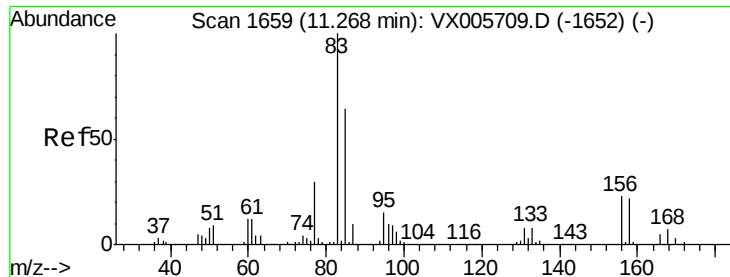
Tot Ion:105 Resp: 455437
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.3



#74
N-ethyl acetate
Concen: 41.380 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 43 Resp: 213862
Ion Ratio Lower Upper
43 100
70 42.5 31.6 47.4
55 25.6 19.7 29.5
61 24.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 42.174 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

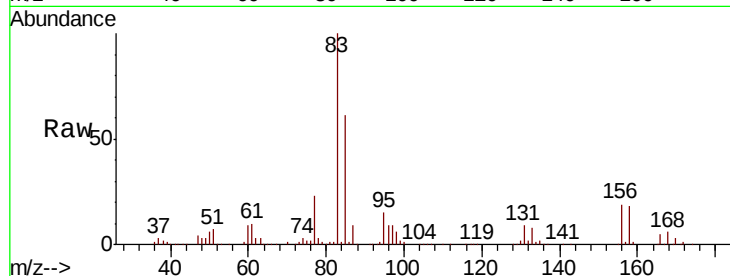
Tot Ion: 83 Resp: 169852

Ion Ratio Lower Upper

83 100

131 9.2 5.3 15.9

85 63.7 32.0 96.2



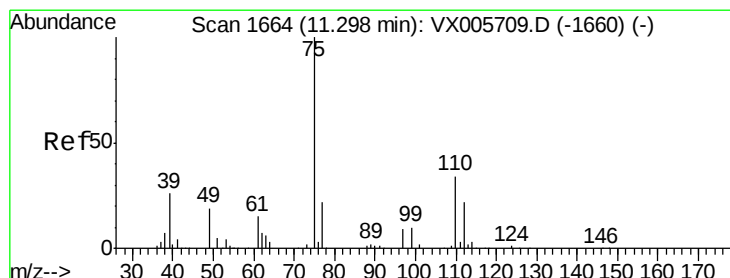
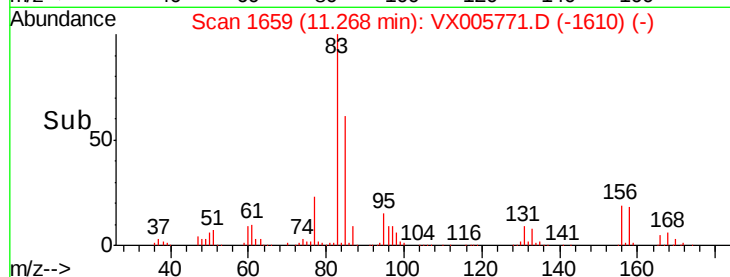
Abundance Ion 82.90 (82.60 to 83.60): VX005709.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005709.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005709.D (-1652) (-)

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 55.864 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005771.D

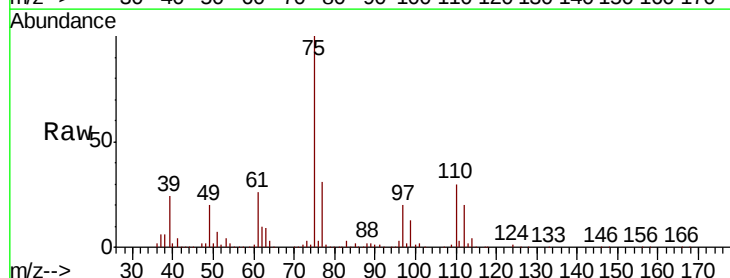
Acq: 05 Nov 2018 11:58

Tgt Ion: 75 Resp: 204726

Ion Ratio Lower Upper

75 100

77 30.9 20.5 61.6

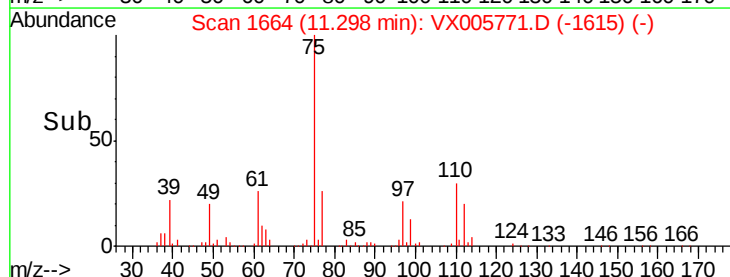


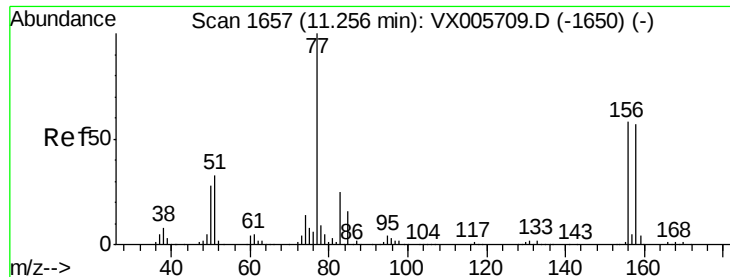
Abundance Ion 74.90 (74.60 to 75.60): VX005709.D (-1660) (-)

Ion 77.00 (76.70 to 77.70): VX005709.D (-1660) (-)

11.30

Time-->





#77

Bromobenzene

Concen: 45.270 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

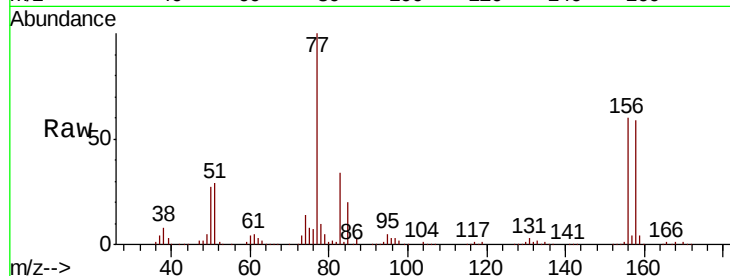
Tot Ion:156 Resp: 109014

Ion Ratio Lower Upper

156 100

77 170.8 74.8 224.4

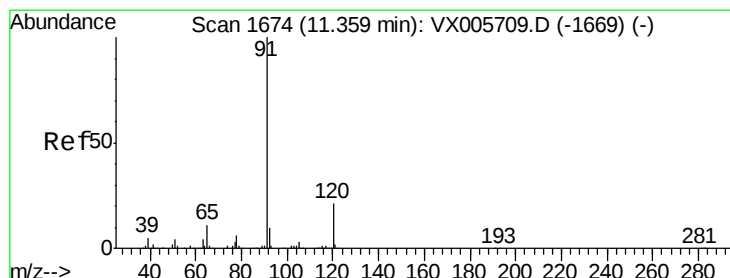
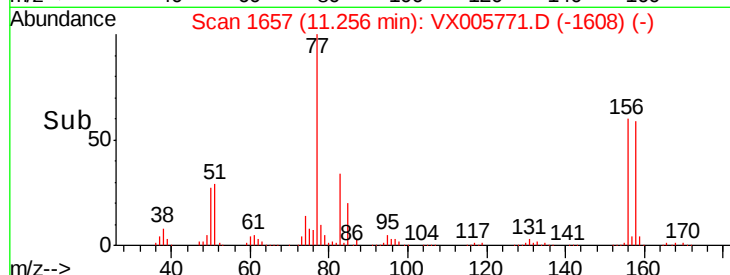
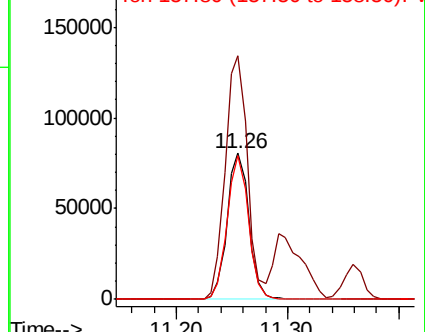
158 96.1 49.1 147.3



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: 48.185 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005771.D

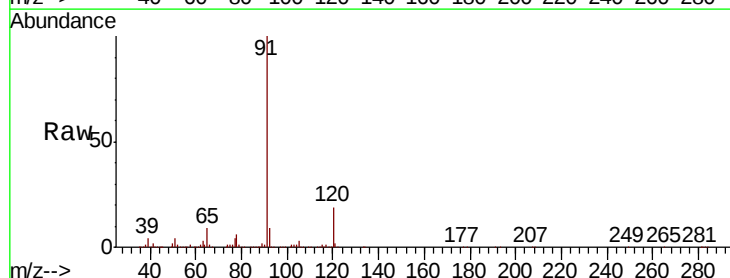
Acq: 05 Nov 2018 11:58

Tgt Ion: 91 Resp: 569021

Ion Ratio Lower Upper

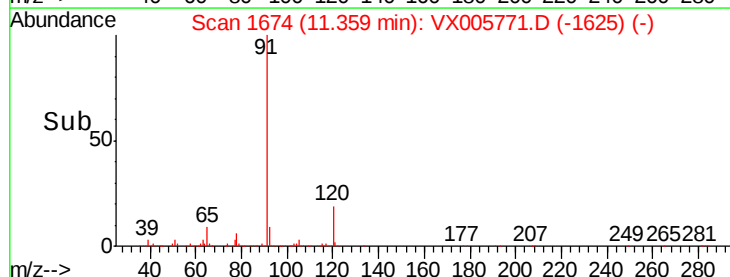
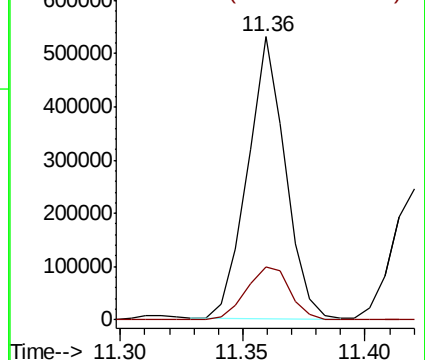
91 100

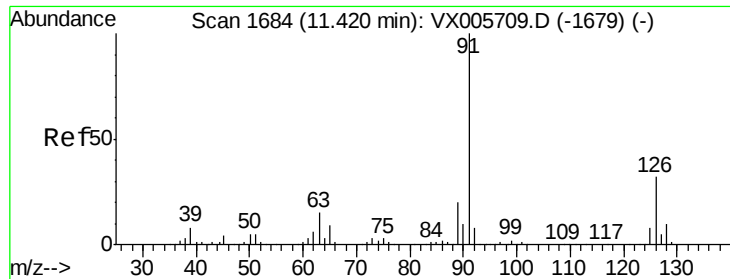
120 22.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

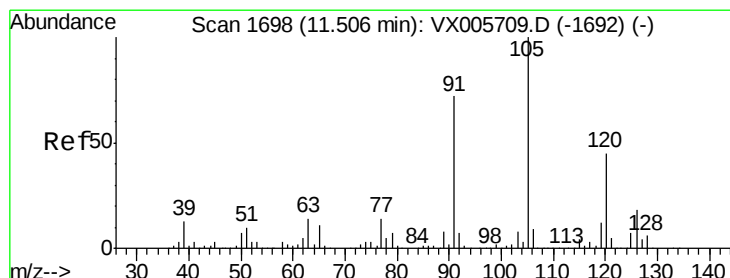
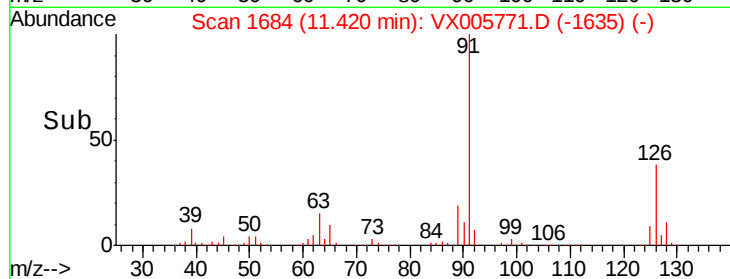
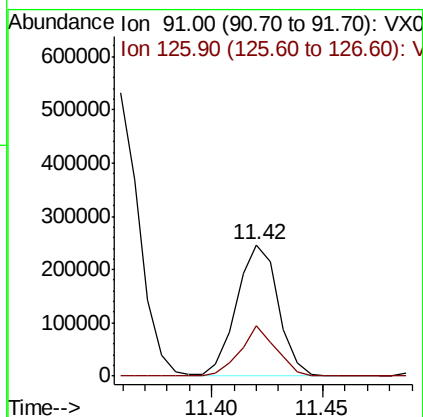
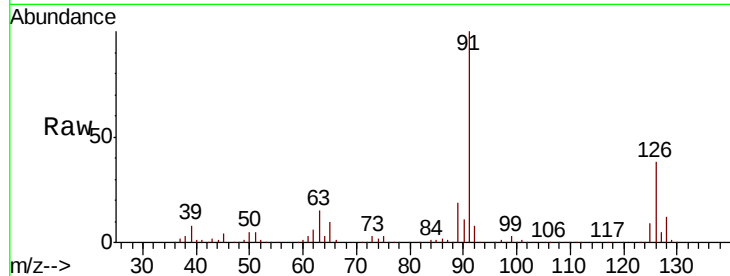




#79
 2-Chlorotoluene
 Concen: 45.343 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

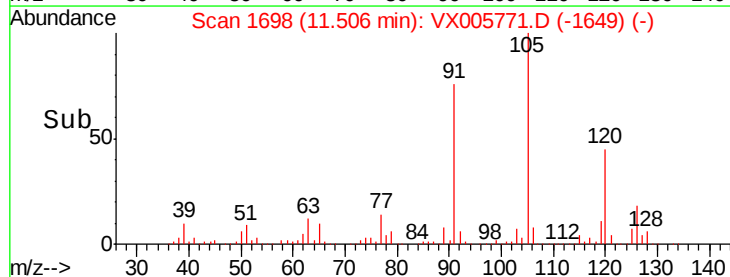
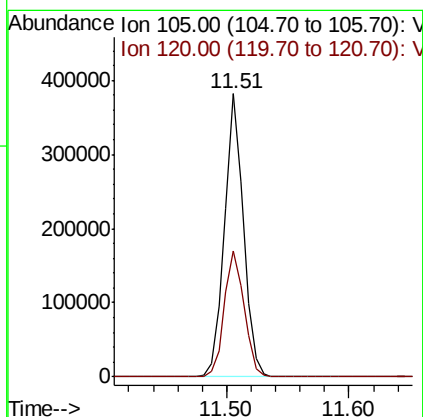
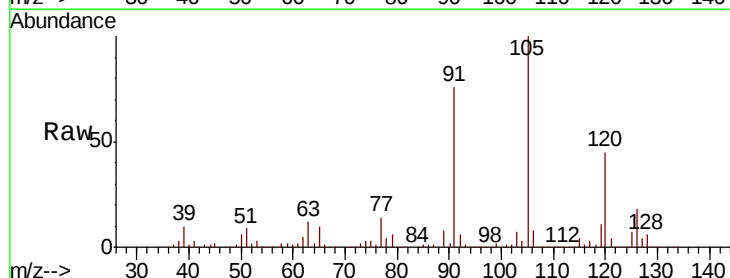
Instrument :
 MSVOA_X
 ClientSampled :

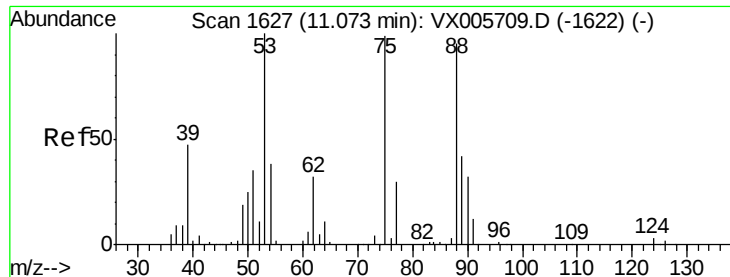
Tot Ion: 91 Resp: 319815
 Ion Ratio Lower Upper
 91 100
 126 33.3 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 49.515 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion: 105 Resp: 408125
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.1 72.2

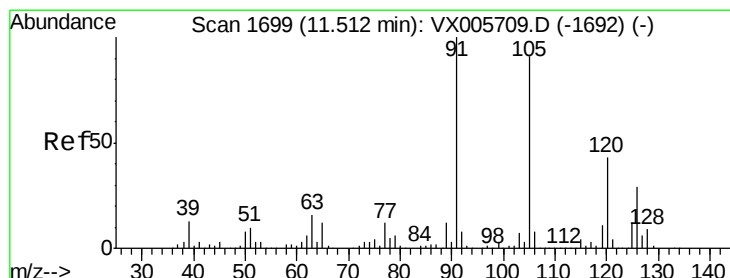
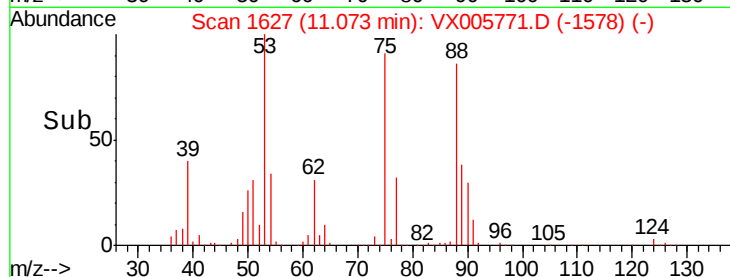
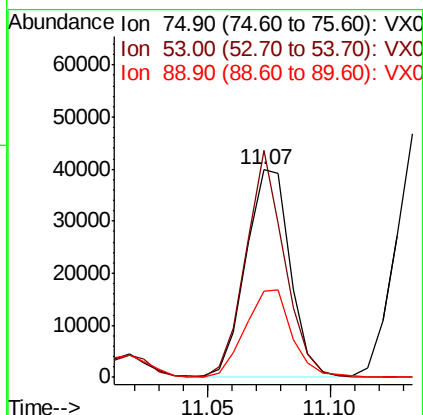
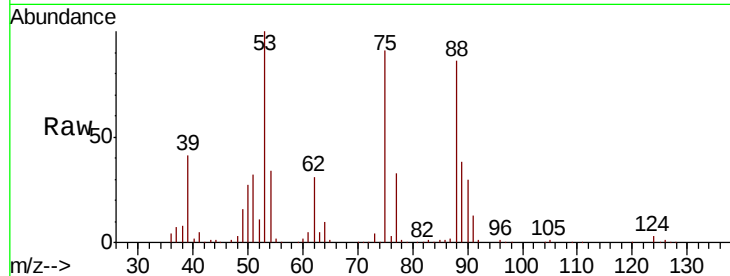




#81
trans-1,4-Dichloro-2-butene
Concen: 44.280 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

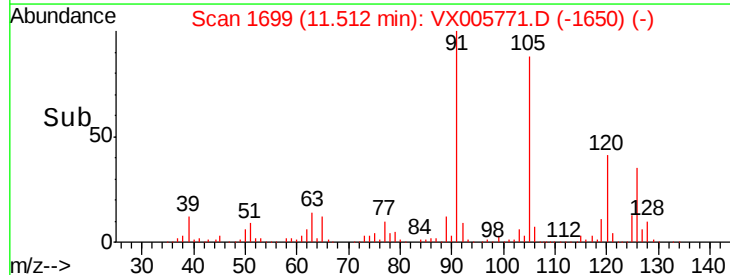
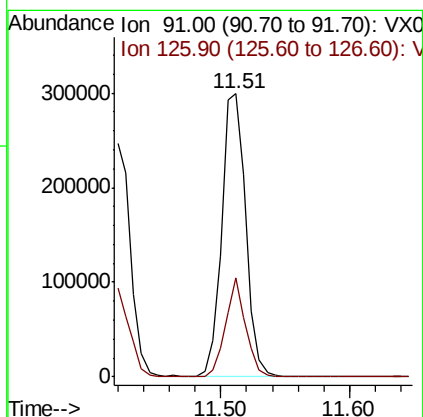
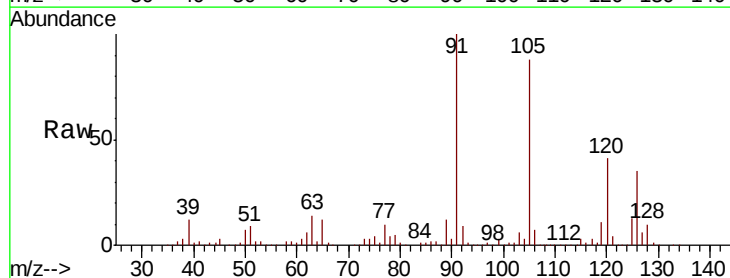
Instrument :
MSVOA_X
ClientSampleId :

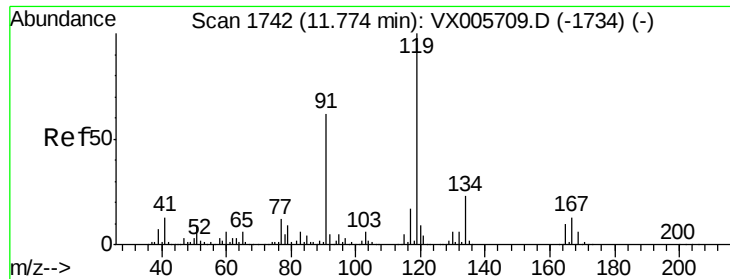
Tot Ion: 75 Resp: 50225
Ion Ratio Lower Upper
75 100
53 95.5 80.2 120.2
89 44.9 39.8 59.8



#82
4-Chlorotoluene
Concen: 46.594 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 91 Resp: 392345
Ion Ratio Lower Upper
91 100
126 29.4 15.2 45.6

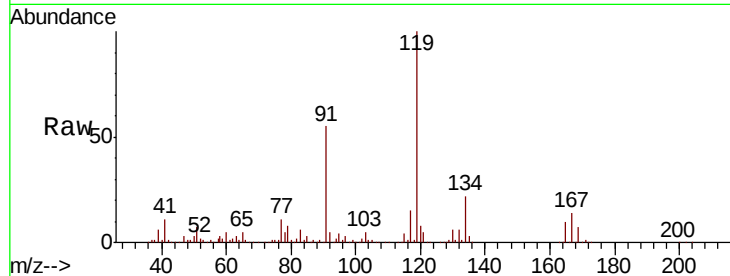




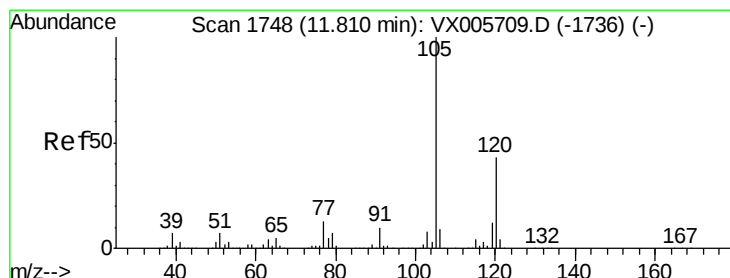
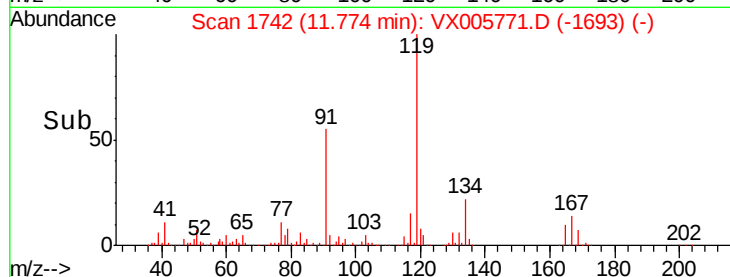
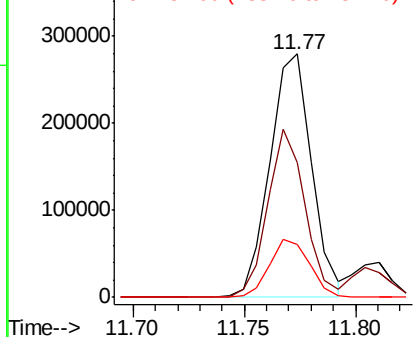
#83
tert-Butylbenzene
Concen: 46.291 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	28.5	85.5
134	23.1	11.3	33.8

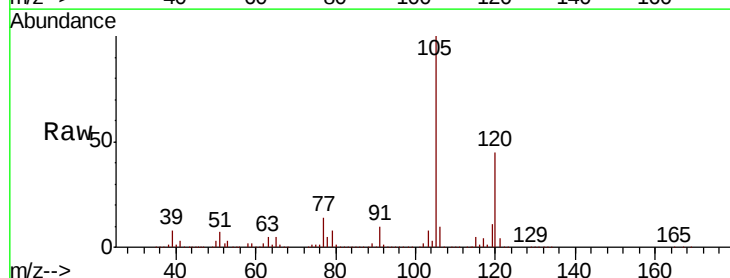


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

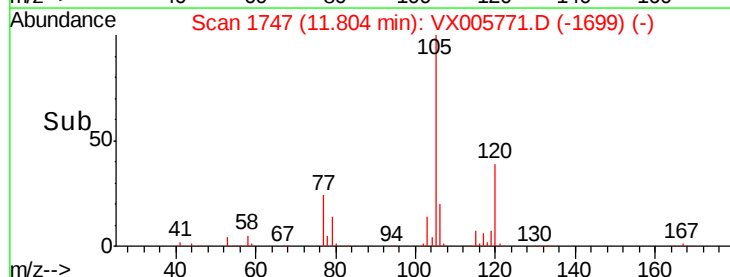
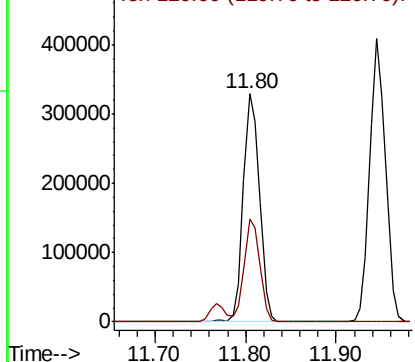


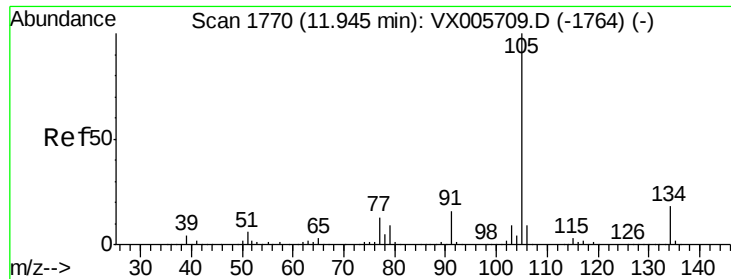
#84
1,2,4-Trimethylbenzene
Concen: 49.256 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.4	67.0



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

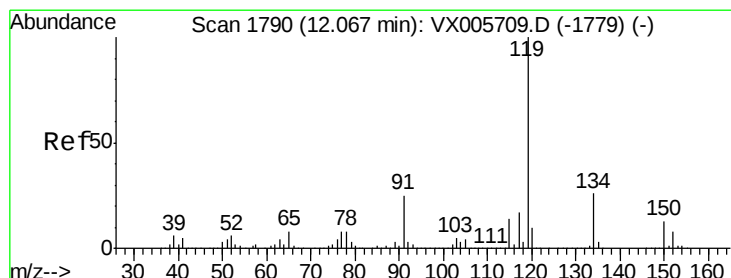
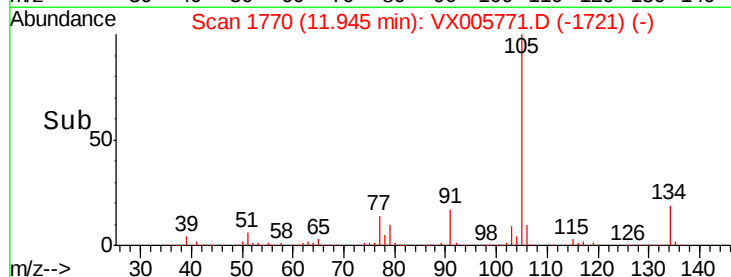
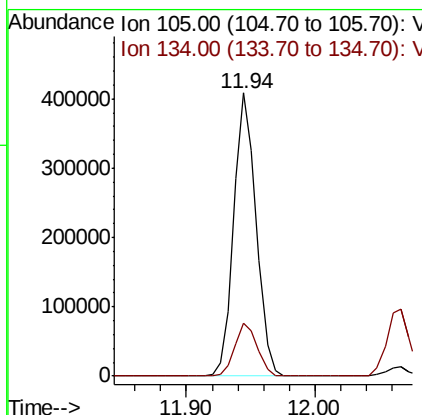
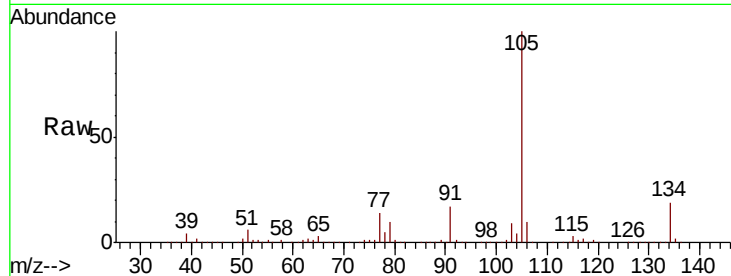




#85
 sec-Butylbenzene
 Concen: 49.076 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

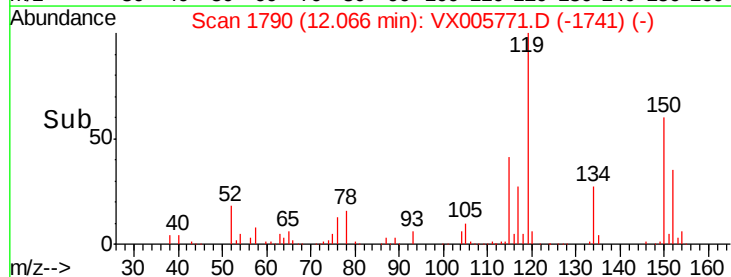
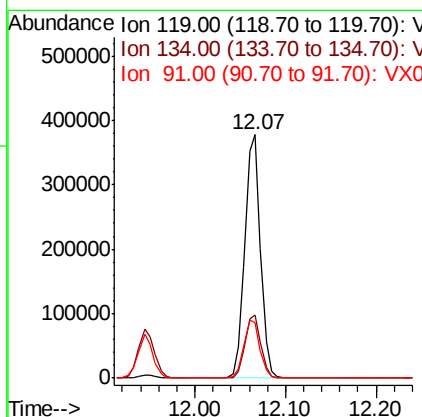
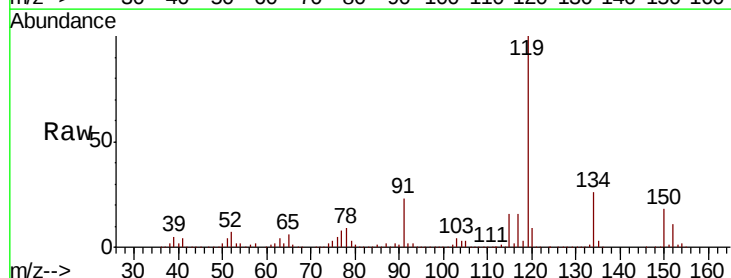
Instrument :
 MSVOA_X
 ClientSampleId :

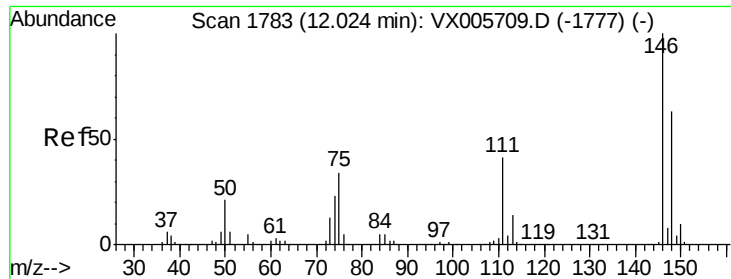
Tot Ion:105 Resp: 495093
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 52.522 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion:119 Resp: 450637
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.3 11.4 34.2

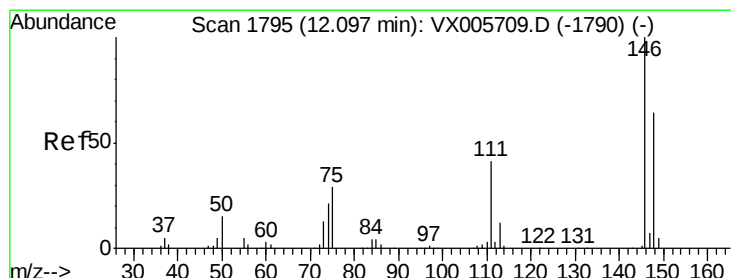
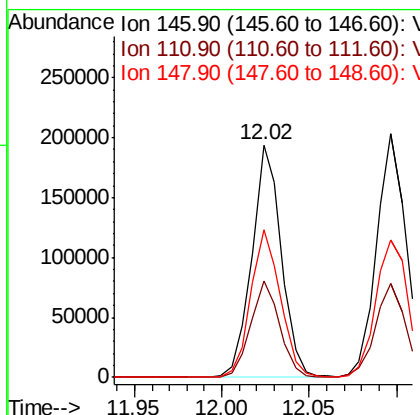
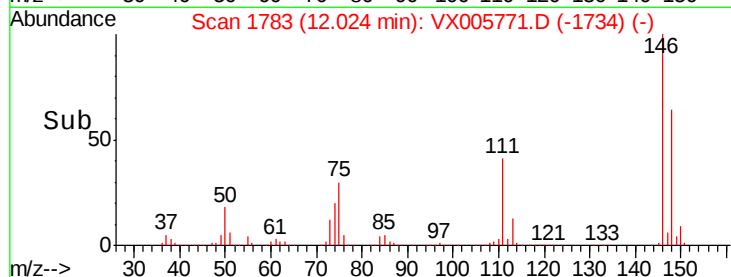
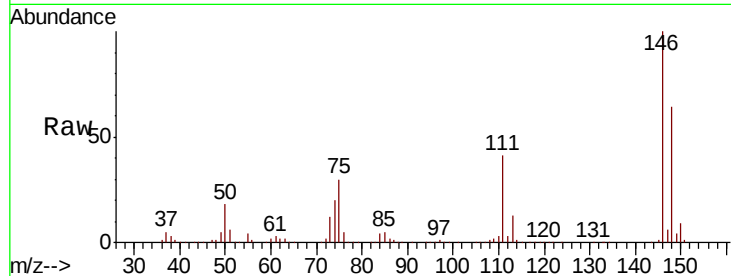




#87
 1,3-Dichlorobenzene
 Concen: 48.730 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

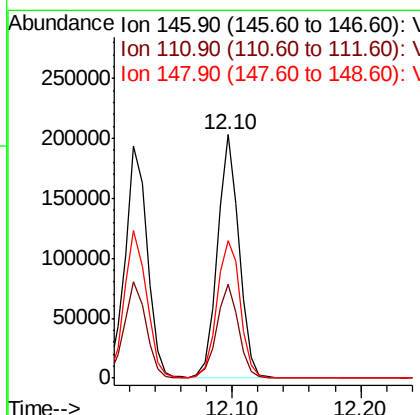
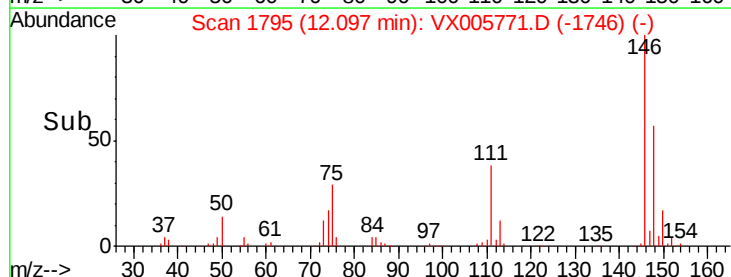
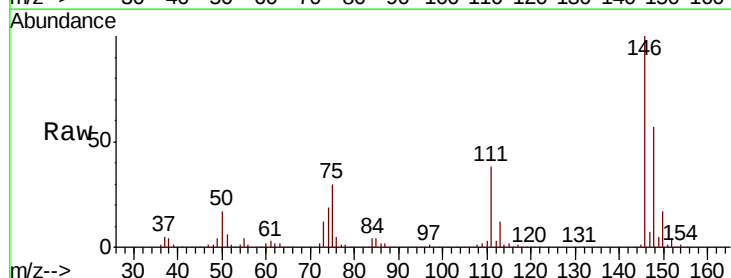
Instrument :
 MSVOA_X
 ClientSampled :

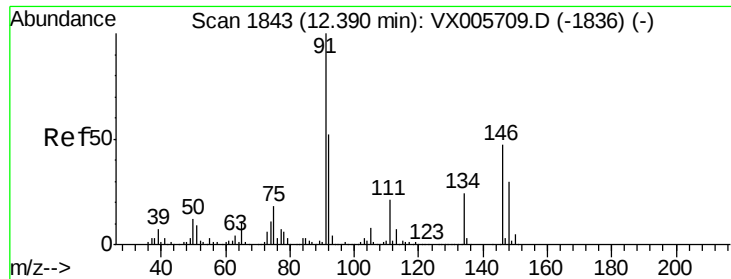
Tot Ion:146 Resp: 226896
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.0 57.0
 148 63.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.940 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion:146 Resp: 239798
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.6 55.8
 148 61.3 32.1 96.3





#89

n-Butylbenzene

Concen: 50.827 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

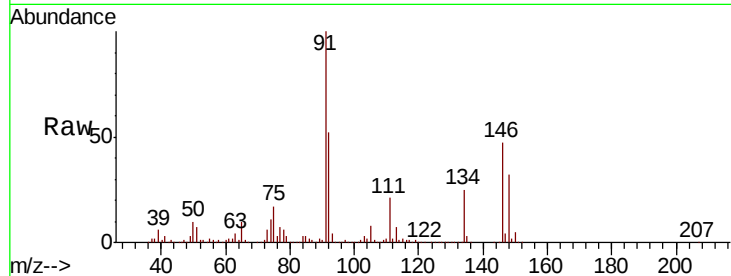
Tot Ion: 91 Resp: 439992

Ion Ratio Lower Upper

91 100

92 52.2 26.1 78.2

134 24.4 13.1 39.3

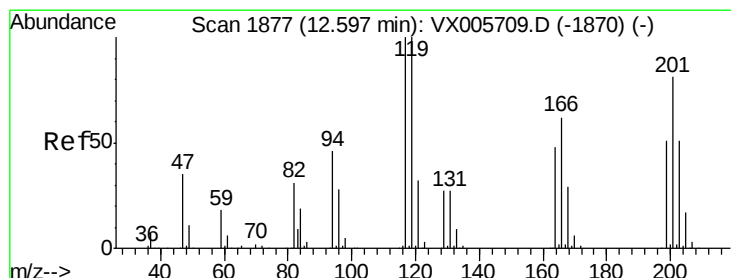
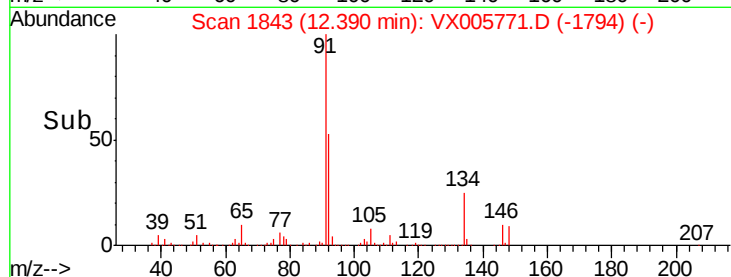
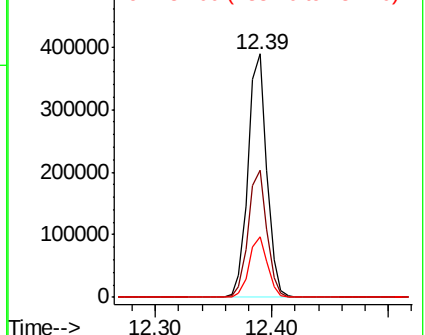


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 47.915 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005771.D

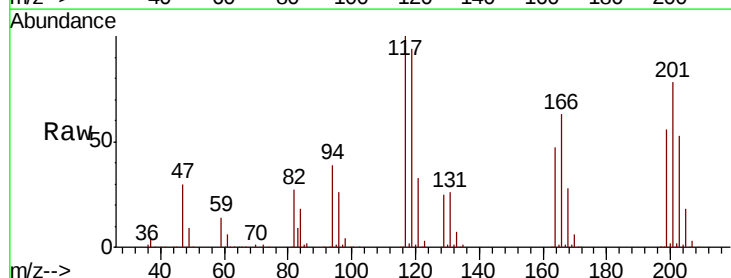
Acq: 05 Nov 2018 11:58

Tgt Ion: 117 Resp: 72937

Ion Ratio Lower Upper

117 100

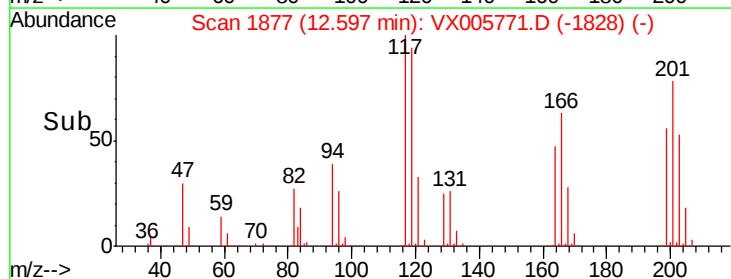
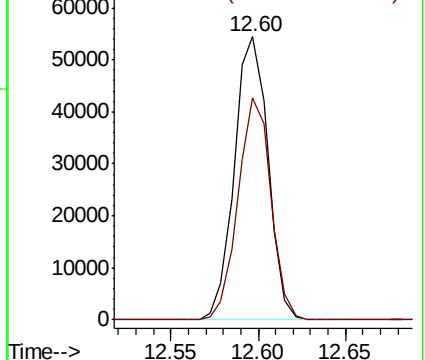
201 76.6 47.9 143.6

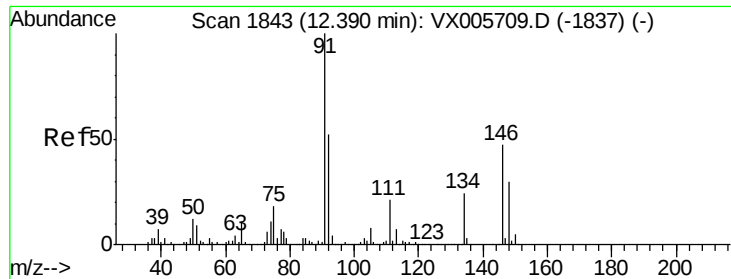


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 47.275 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

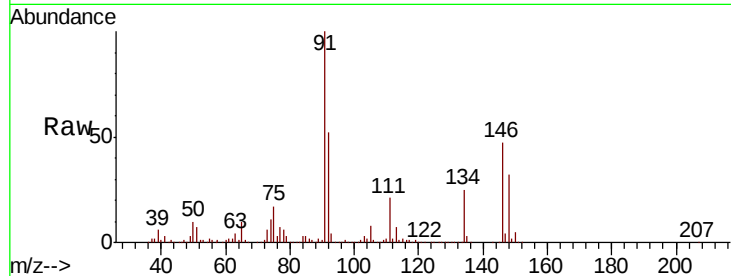
Tot Ion:146 Resp: 229966

Ion Ratio Lower Upper

146 100

111 42.7 20.0 59.9

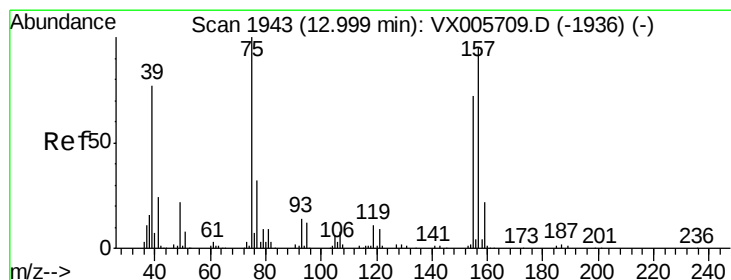
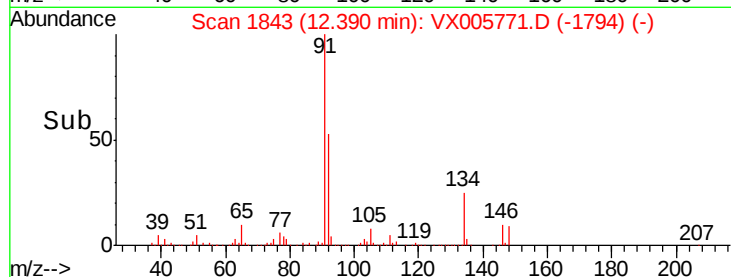
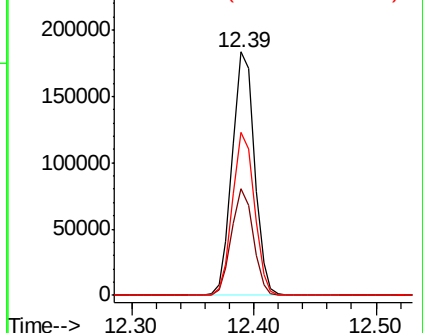
148 66.1 32.2 96.6



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: 44.590 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

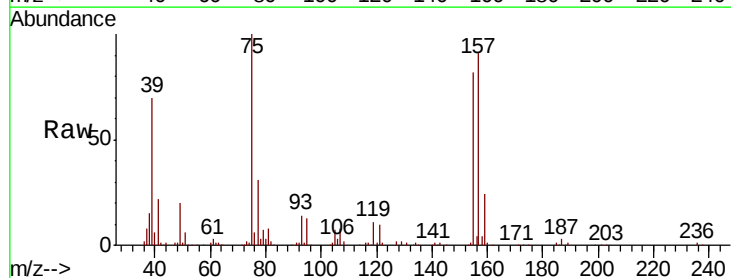
Tgt Ion: 75 Resp: 42120

Ion Ratio Lower Upper

75 100

155 84.8 45.4 136.1

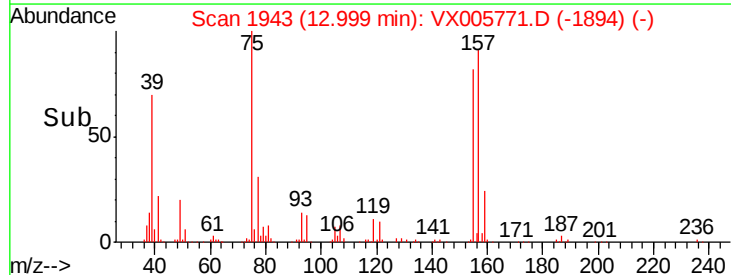
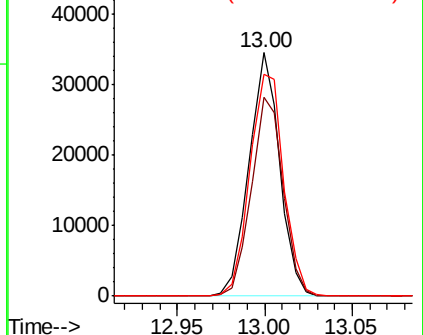
157 100.4 57.4 172.0

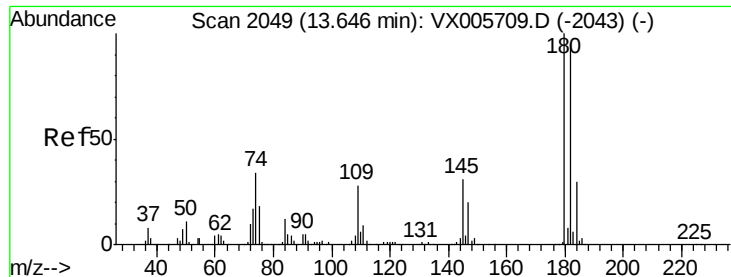


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

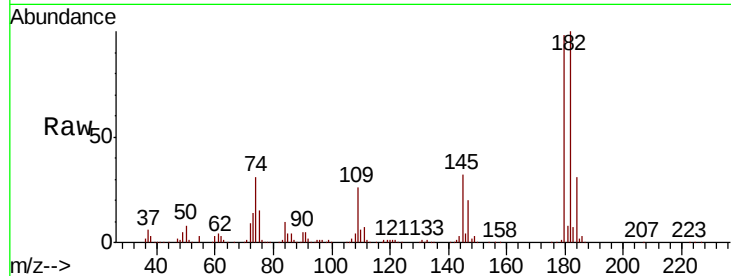




#93
 1,2,4-Trichlorobenzene
 Concen: 52.674 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.6	142.8
145	30.3	14.1	42.2

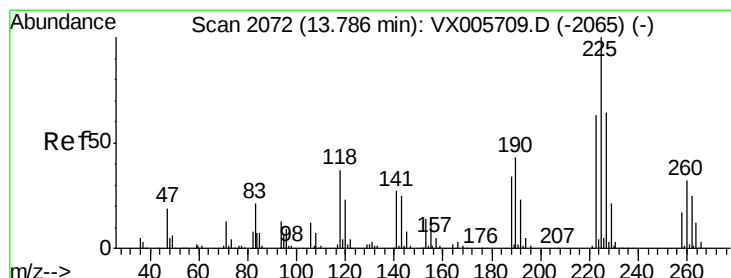
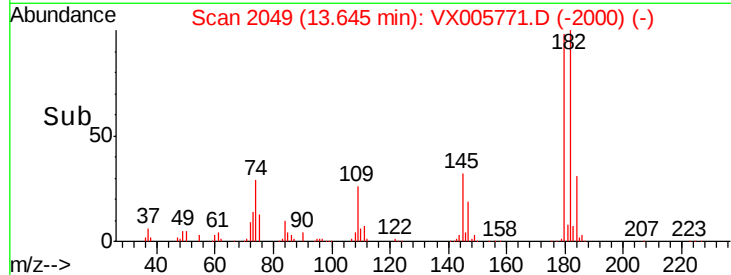
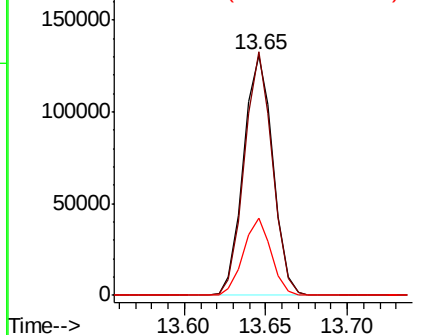


Abundance

Ion 179.80 (179.50 to 180.50): V

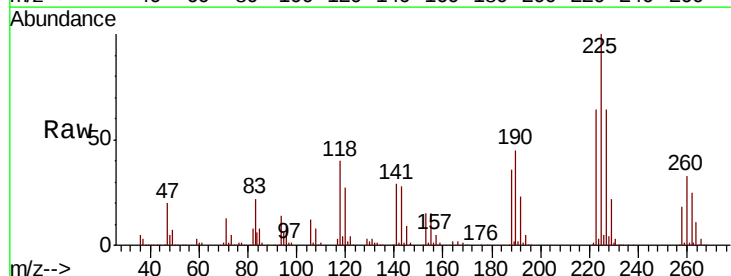
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.168 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.7	95.1
227	61.8	32.3	96.9

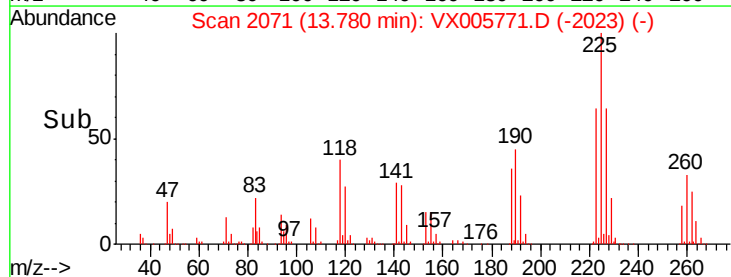
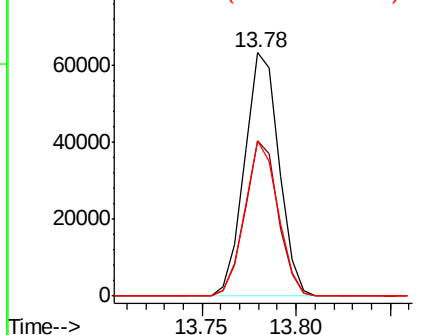


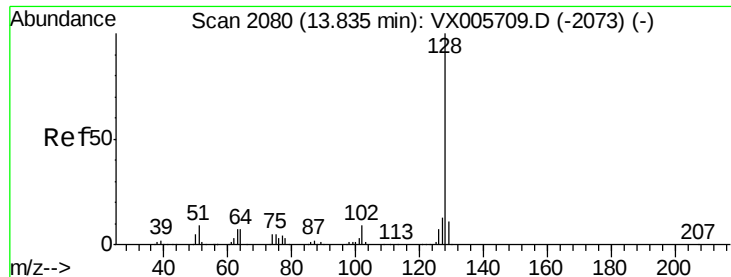
Abundance

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: 54.334 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

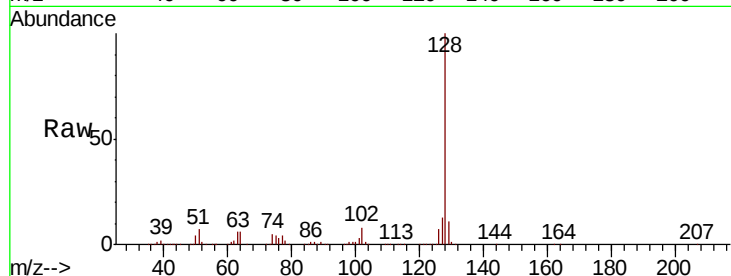
Tot Ion:128 Resp: 557484

Ion Ratio Lower Upper

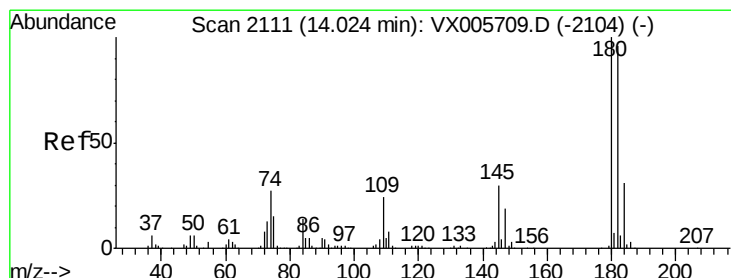
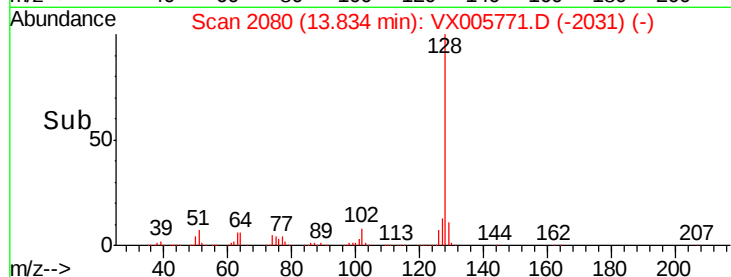
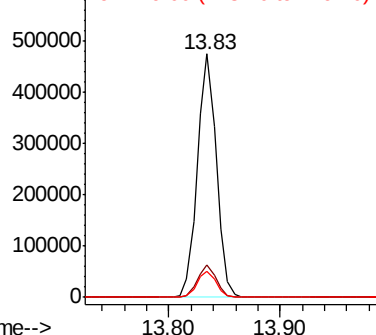
128 100

127 13.0 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: 52.289 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

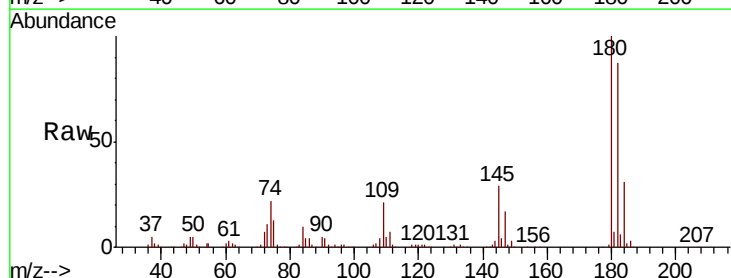
Tgt Ion:180 Resp: 166081

Ion Ratio Lower Upper

180 100

182 95.8 48.0 144.2

145 30.9 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

