

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005775.D
 Acq On : 05 Nov 2018 13:51
 Operator : JC/MD
 Sample : VX1105WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 00:43:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	155453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	236039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111472	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	100505	44.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.44%	
35) Dibromofluoromethane	5.49	113	78160	47.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.64%	
50) Toluene-d8	8.71	98	280502	48.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.14	95	101282	47.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	36173	20.143	ug/l	95
3) Chloromethane	1.32	50	38973	18.399	ug/l	98
4) Vinyl Chloride	1.41	62	43623	19.795	ug/l	96
5) Bromomethane	1.64	94	35835	13.104	ug/l	96
6) Chloroethane	1.72	64	25747	19.999	ug/l	98
7) Trichlorofluoromethane	1.93	101	52434	18.536	ug/l	96
8) Diethyl Ether	2.19	74	22798	17.930	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32375	18.842	ug/l	92
10) Methyl Iodide	2.51	142	32307	20.508	ug/l	99
11) Tert butyl alcohol	3.06	59	55810	90.422	ug/l	100
12) 1,1-Dichloroethene	2.37	96	29939	17.881	ug/l	86
13) Acrolein	2.29	56	29460	75.642	ug/l	97
14) Allyl chloride	2.73	41	62827	18.147	ug/l	97
15) Acrylonitrile	3.15	53	126471	93.182	ug/l	98
16) Acetone	2.45	43	111004	88.985	ug/l	98
17) Carbon Disulfide	2.57	76	84049	16.336	ug/l	100
18) Methyl Acetate	2.78	43	60211	18.460	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	106562	18.387	ug/l	96
20) Methylene Chloride	2.86	84	36076	18.407	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	31037	17.519	ug/l	88
22) Diisopropyl ether	3.87	45	111941	17.430	ug/l #	85
23) Vinyl Acetate	3.82	43	508239	90.857	ug/l	99
24) 1,1-Dichloroethane	3.69	63	65694	18.090	ug/l	97
25) 2-Butanone	4.70	43	165991	86.580	ug/l	97
26) 2,2-Dichloropropane	4.59	77	48982	18.044	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	35924	18.045	ug/l	99
28) Bromochloromethane	5.01	49	25583	14.440	ug/l	98
29) Tetrahydrofuran	5.15	42	100608	85.976	ug/l	91
30) Chloroform	5.21	83	62408	17.577	ug/l	98
31) Cyclohexane	5.57	56	52231	17.200	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	49888	17.557	ug/l	97
36) 1,1-Dichloropropene	5.79	75	46803	18.611	ug/l	98
37) Ethyl Acetate	4.85	43	58881	18.352	ug/l	98
38) Carbon Tetrachloride	5.78	117	43459	19.128	ug/l	93

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 Sample : VX1105WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 00:43:43 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)
39) Methylcyclohexane	7.46	83	47211	18.001	ug/l	95
40) Benzene	6.15	78	137800	18.419	ug/l	100
41) Methacrylonitrile	5.06	41	31755	18.318	ug/l	95
42) 1,2-Dichloroethane	6.20	62	49906	18.047	ug/l	100
43) Isopropyl Acetate	6.46	43	85154	18.286	ug/l	98
44) Trichloroethene	7.21	130	33083	19.119	ug/l	90
45) 1,2-Dichloropropane	7.52	63	36861	19.226	ug/l	100
46) Dibromomethane	7.66	93	23525	19.200	ug/l	87
47) Bromodichloromethane	7.90	83	42985	18.703	ug/l	98
48) Methyl methacrylate	7.77	41	40994	18.189	ug/l	97
49) 1,4-Dioxane	7.75	88	17704	352.758	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	294137	92.635	ug/l	98
52) Toluene	8.78	92	79669	19.687	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	46142	18.525	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	51157	19.170	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	33213	18.899	ug/l	99
56) Ethyl methacrylate	9.18	69	47489	17.603	ug/l	99
57) 1,3-Dichloropropane	9.37	76	56454	18.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	145422	92.616	ug/l	95
59) 2-Hexanone	9.49	43	230677	89.271	ug/l	97
60) Dibromochloromethane	9.59	129	31303	18.433	ug/l	100
61) 1,2-Dibromoethane	9.67	107	33473	18.692	ug/l	98
64) Tetrachloroethene	9.34	164	30866	19.653	ug/l	95
65) Chlorobenzene	10.14	112	84813	18.566	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	30021	19.197	ug/l	97
67) Ethyl Benzene	10.25	91	145893	18.713	ug/l	97
68) m/p-Xylenes	10.36	106	110633	38.189	ug/l	97
69) o-Xylene	10.70	106	51833	18.707	ug/l	96
70) Styrene	10.71	104	88716	19.278	ug/l	98
71) Bromoform	10.86	173	22946	18.110	ug/l #	98
73) Isopropylbenzene	11.02	105	144308	19.623	ug/l	100
74) N-amyl acetate	10.90	43	69733	17.810	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	56191	18.417	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	64311	23.164	ug/l	85
77) Bromobenzene	11.26	156	36201	19.843	ug/l	88
78) n-propylbenzene	11.36	91	174650	19.522	ug/l	96
79) 2-Chlorotoluene	11.42	91	103406	19.352	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	123300	19.746	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15612	18.168	ug/l	96
82) 4-Chlorotoluene	11.51	91	123331	19.333	ug/l	97
83) tert-Butylbenzene	11.77	119	115851	19.444	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	127380	20.201	ug/l	97
85) sec-Butylbenzene	11.94	105	146458	19.163	ug/l	98
86) p-Isopropyltoluene	12.07	119	126846	19.515	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	67124	19.029	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	69252	18.275	ug/l	97
89) n-Butylbenzene	12.39	91	120299	18.343	ug/l	97
90) Hexachloroethane	12.60	117	20769	18.010	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	67588	18.340	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12761	17.832	ug/l	90

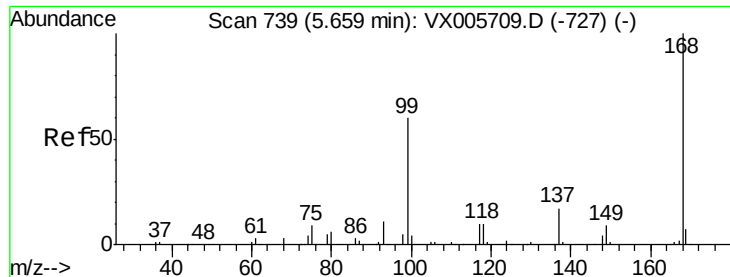
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
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Instrument :
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Quant Time: Nov 06 00:43:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45836	19.393	ug/l	99
94) Hexachlorobutadiene	13.78	225	22068	19.300	ug/l	100
95) Naphthalene	13.83	128	149914	19.286	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	47970	19.936	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

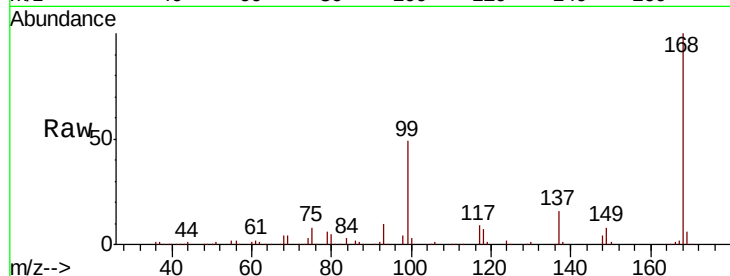
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 155453

Ion Ratio Lower Upper

168 100

99 48.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

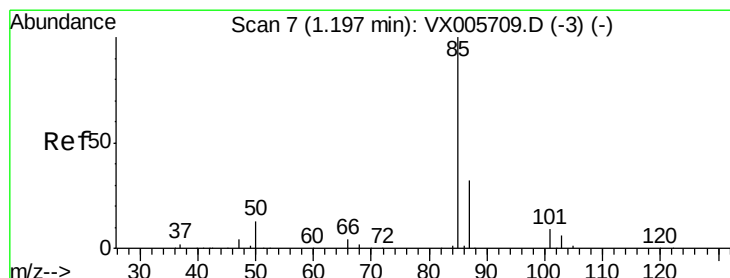
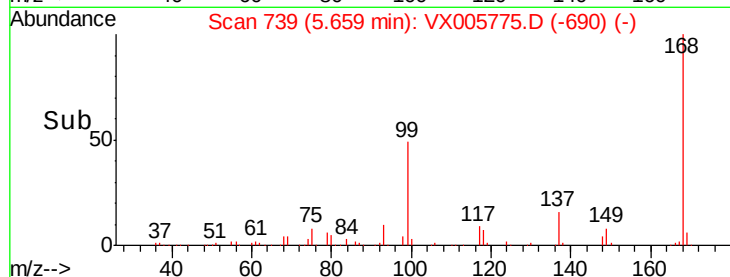
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.143 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005775.D

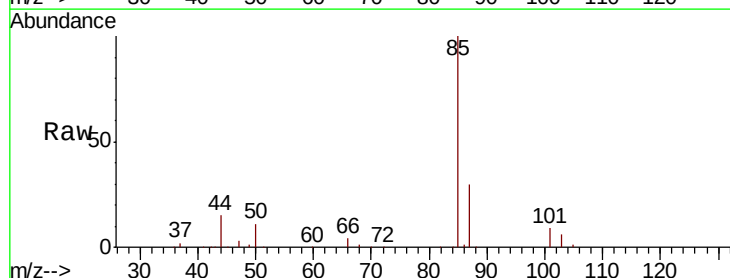
Acq: 05 Nov 2018 13:51

Tgt Ion: 85 Resp: 36173

Ion Ratio Lower Upper

85 100

87 29.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

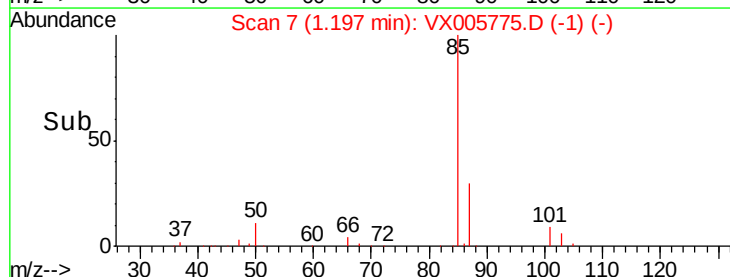
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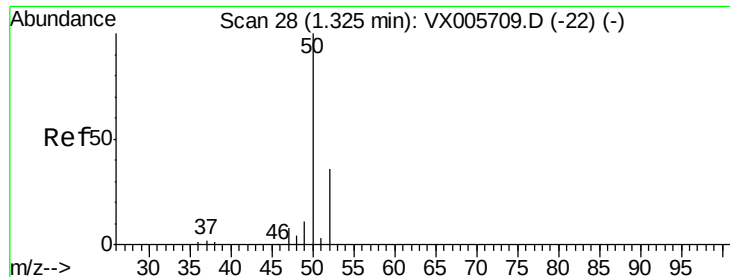
20000

10000

0

Time--> 1.15 1.20 1.25 1.30

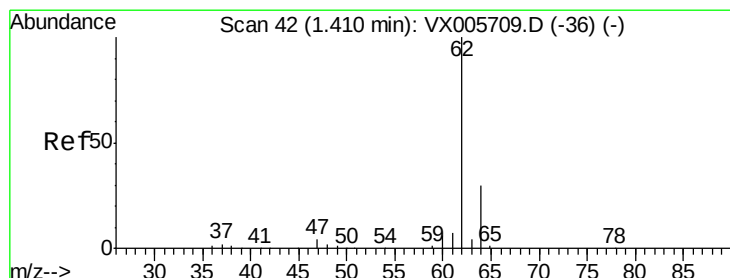
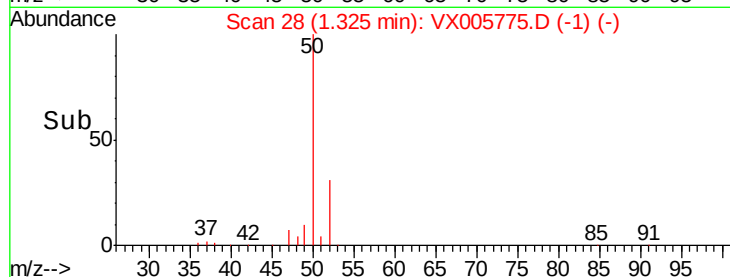
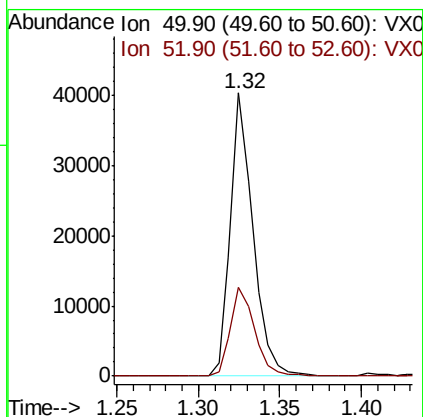
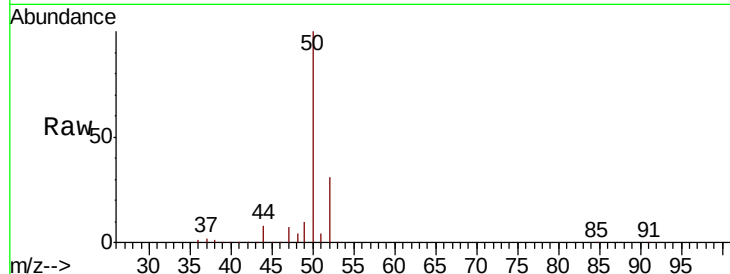




#3
Chloromethane
Concen: 18.399 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

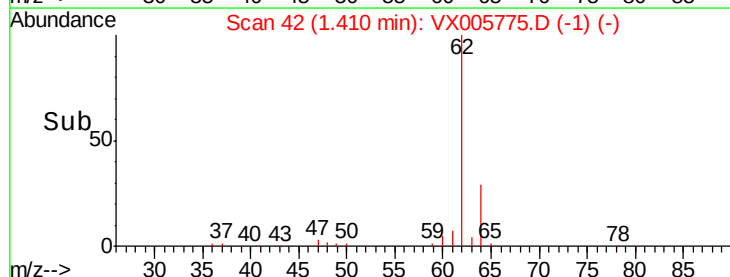
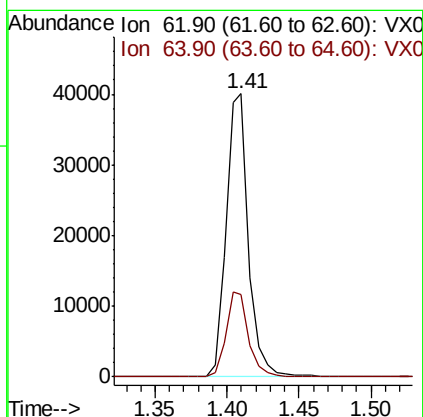
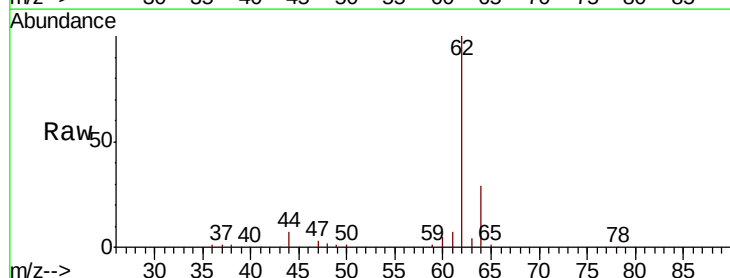
Instrument :
MSVOA_X
ClientSampleId :

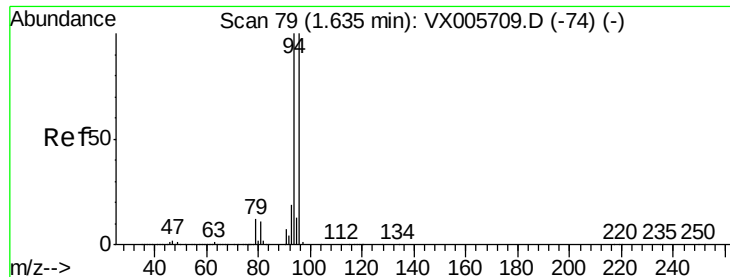
Tot Ion: 50 Resp: 38973
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2



#4
Vinyl Chloride
Concen: 19.795 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion: 62 Resp: 43623
Ion Ratio Lower Upper
62 100
64 29.1 25.3 37.9





#5

Bromomethane

Concen: 13.104 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

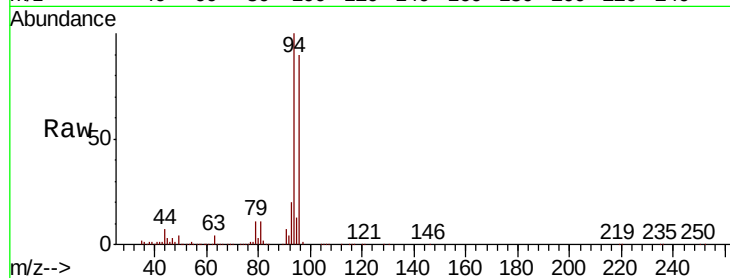
ClientSampleId :

Tot Ion: 94 Resp: 35835

Ion Ratio Lower Upper

94 100

96 90.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

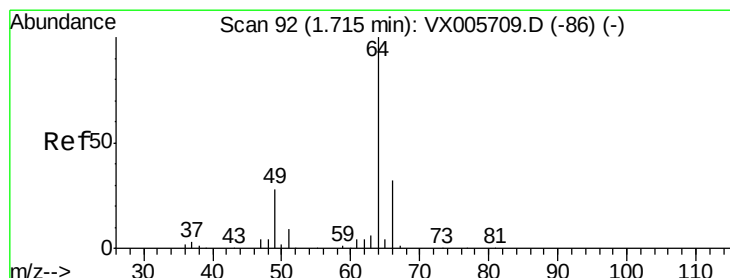
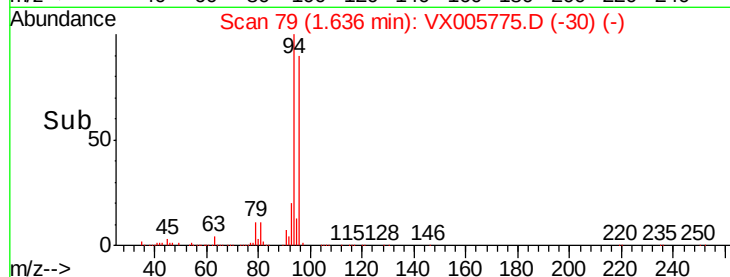
30000

20000

10000

0

Time--> 1.50 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 19.999 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005775.D

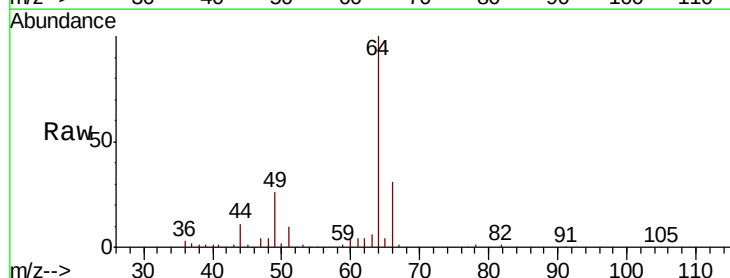
Acq: 05 Nov 2018 13:51

Tgt Ion: 64 Resp: 25747

Ion Ratio Lower Upper

64 100

66 31.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

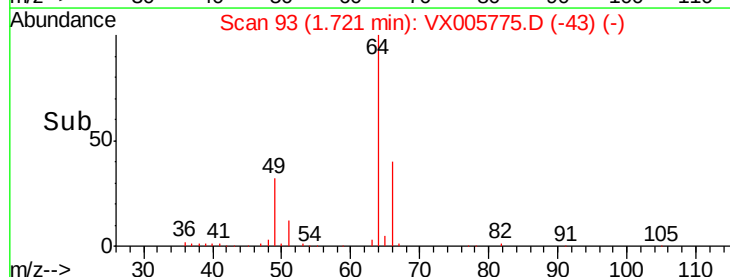
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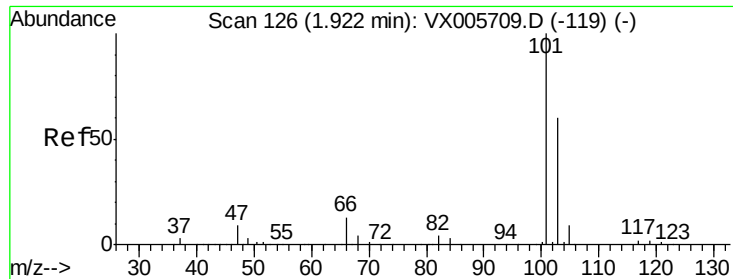
10000

5000

0

Time--> 1.60 1.70 1.80



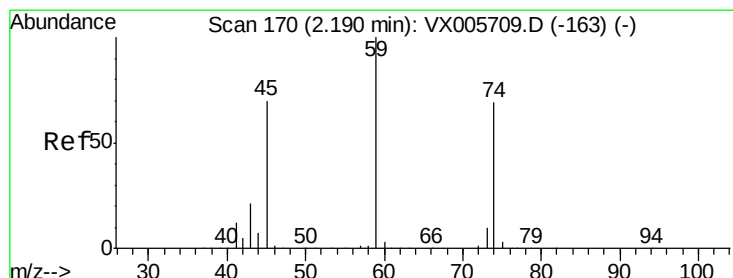
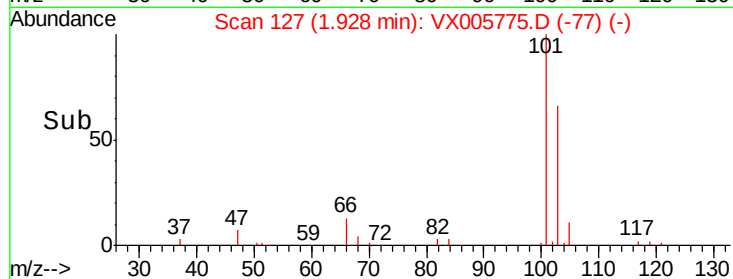
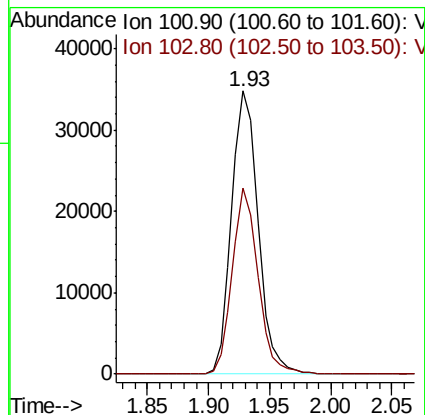
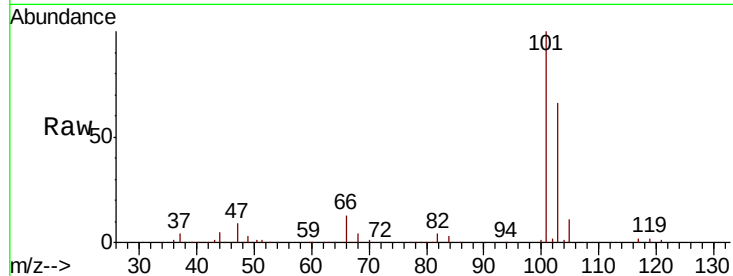


#7

Trichlorofluoromethane
 Concen: 18.536 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :

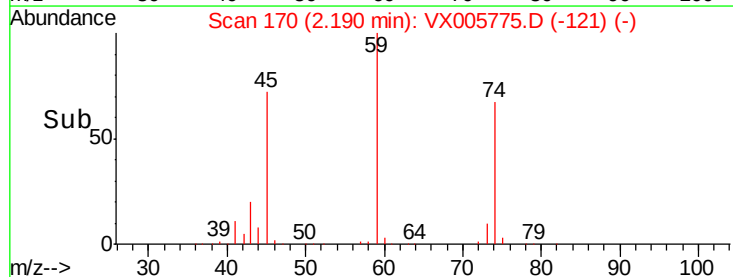
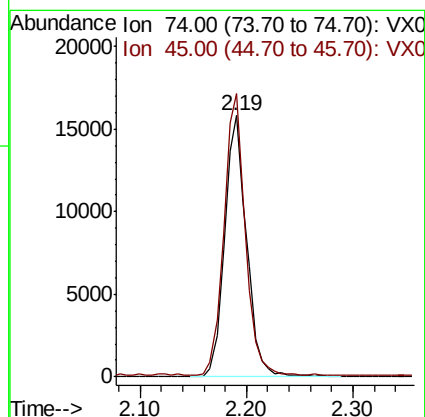
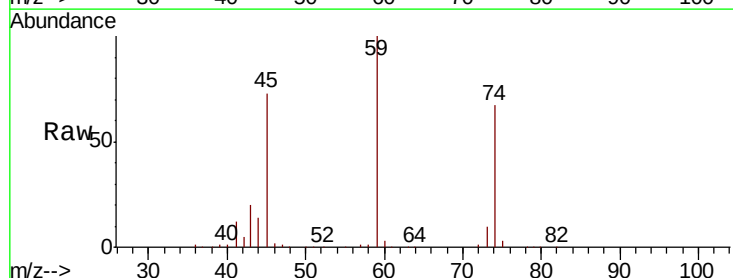
Tot Ion:101 Resp: 52434
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.0 75.0

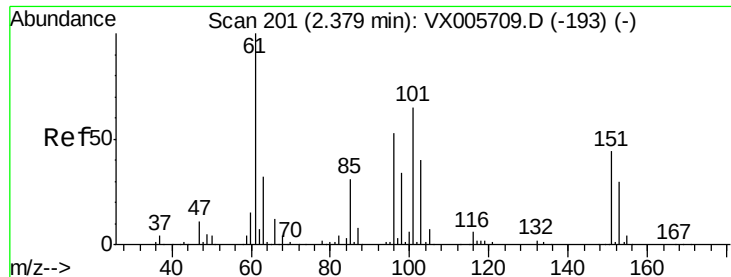


#8

Diethyl Ether
 Concen: 17.930 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 74 Resp: 22798
 Ion Ratio Lower Upper
 74 100
 45 104.5 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.842 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

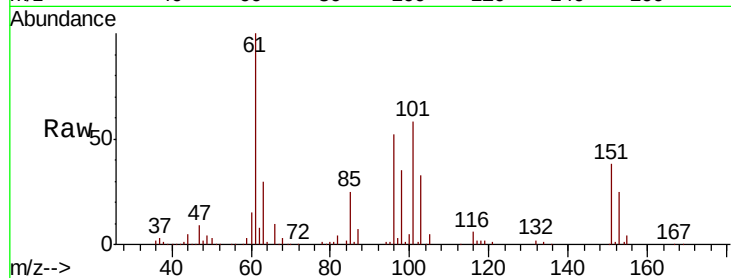
Tot Ion:101 Resp: 32375

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.4

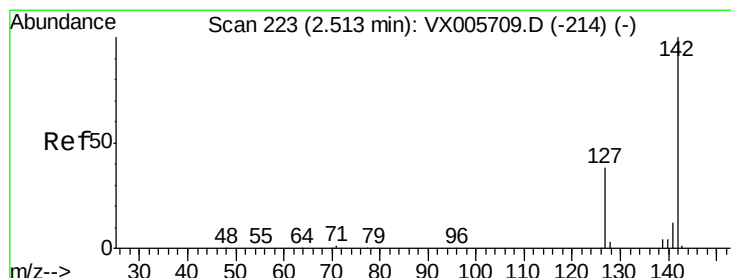
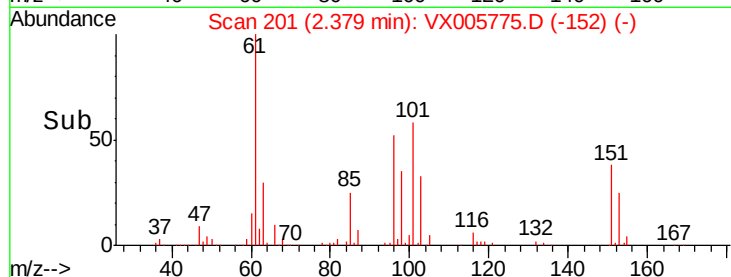
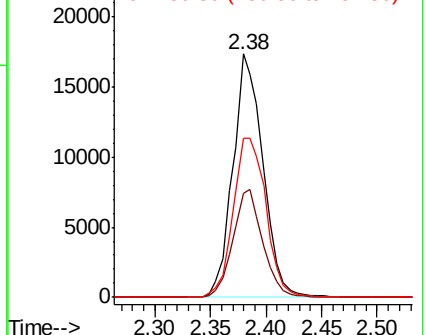
151 71.7 66.2 99.2



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: 20.508 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

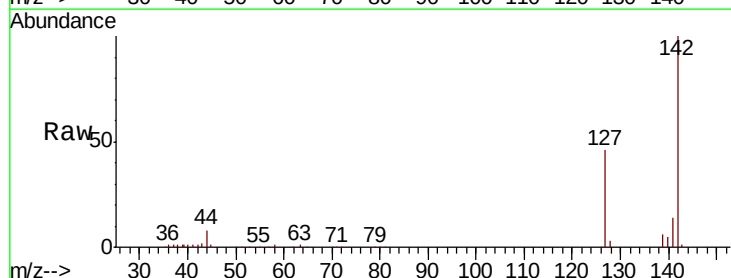
Tgt Ion:142 Resp: 32307

Ion Ratio Lower Upper

142 100

127 44.6 36.0 54.0

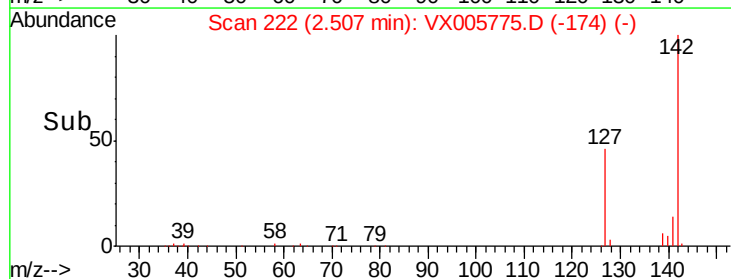
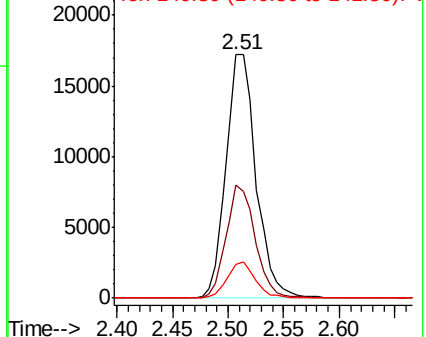
141 13.9 11.7 17.5

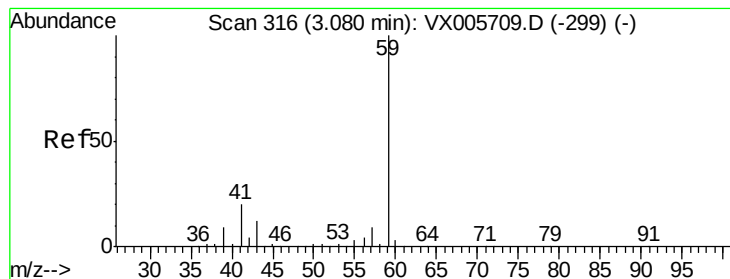


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



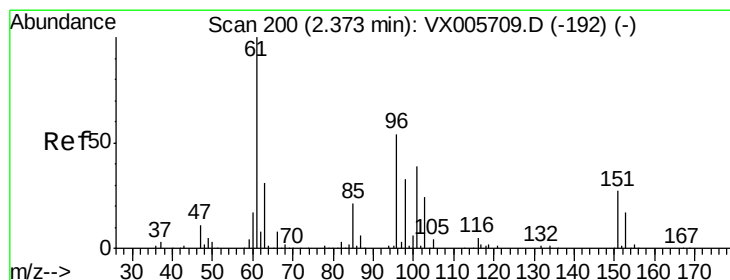
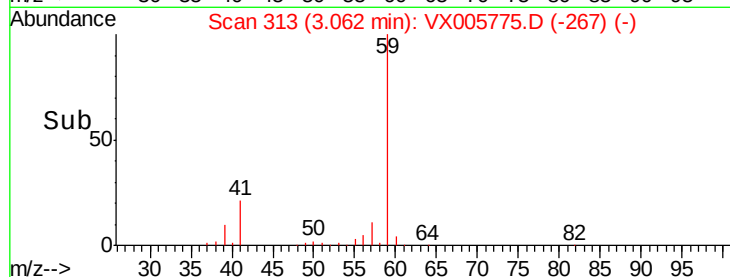
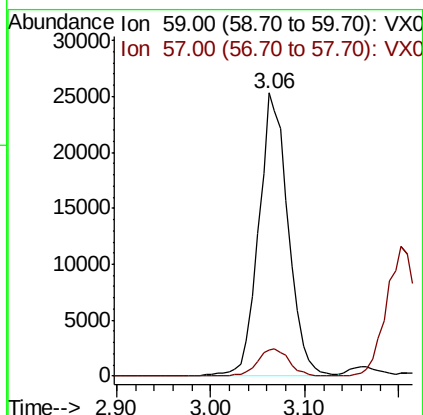
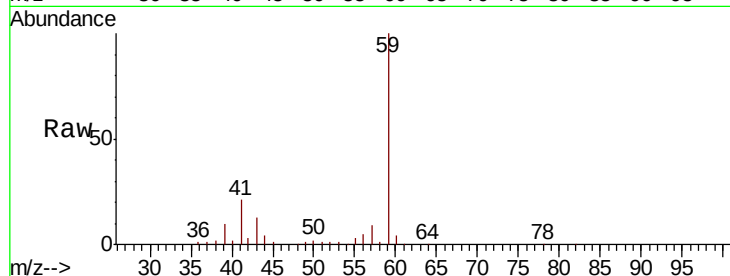


#11

Tert butyl alcohol
 Concen: 90.422 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampled :

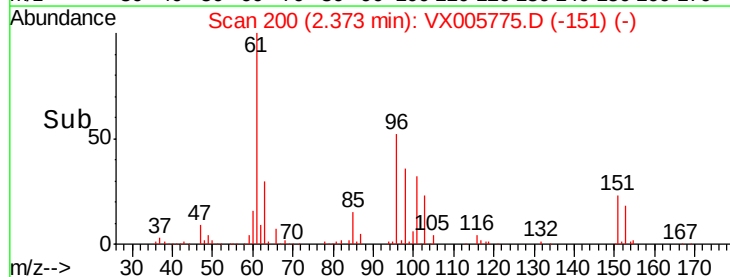
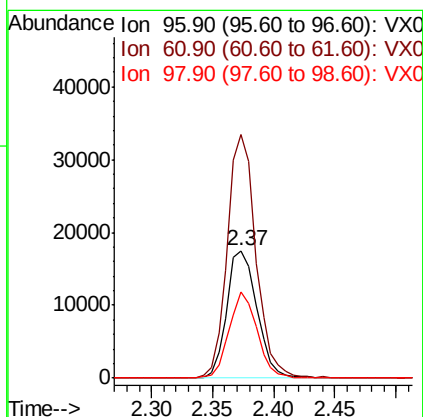
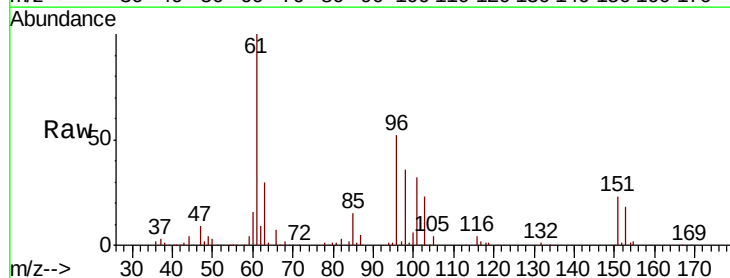
Tot Ion: 59 Resp: 55810
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

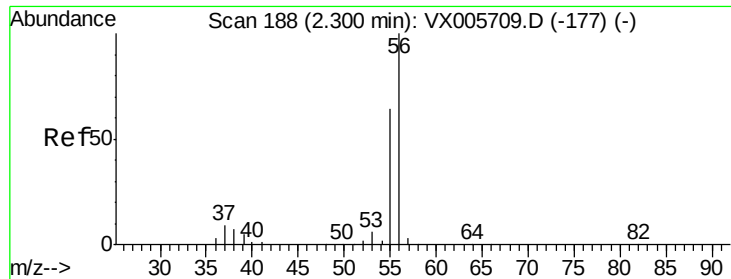


#12

1,1-Dichloroethene
 Concen: 17.881 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 96 Resp: 29939
 Ion Ratio Lower Upper
 96 100
 61 190.6 131.8 197.8
 98 67.9 53.4 80.2

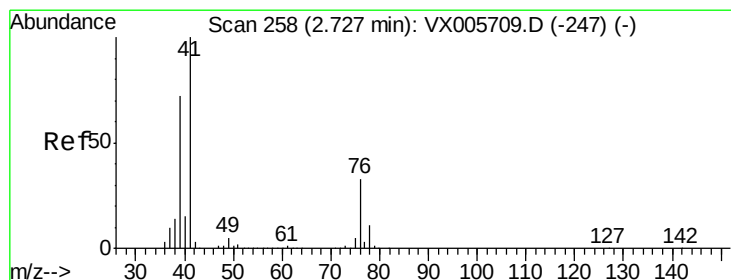
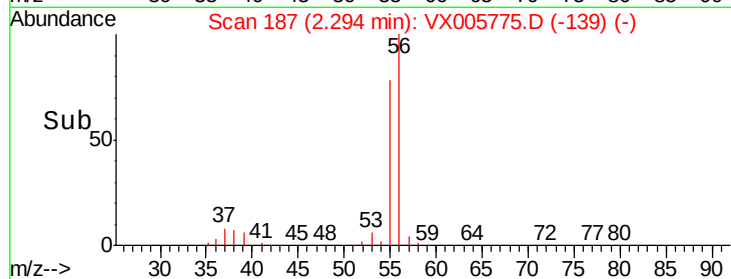
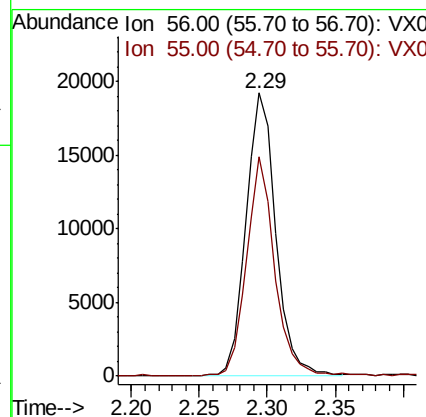
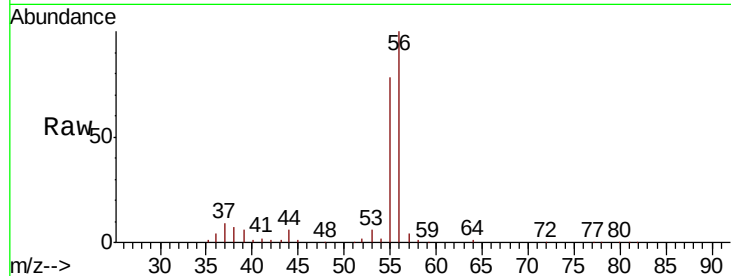




#13
 Acrolein
 Concen: 75.642 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

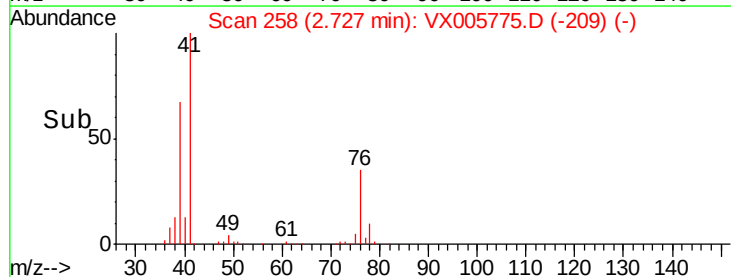
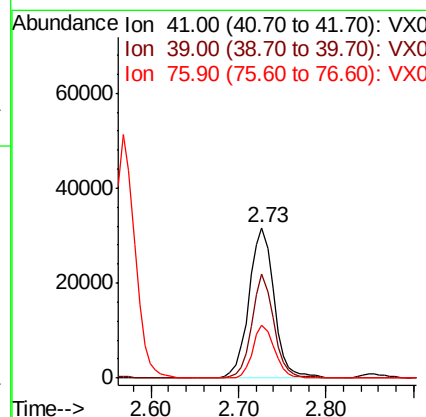
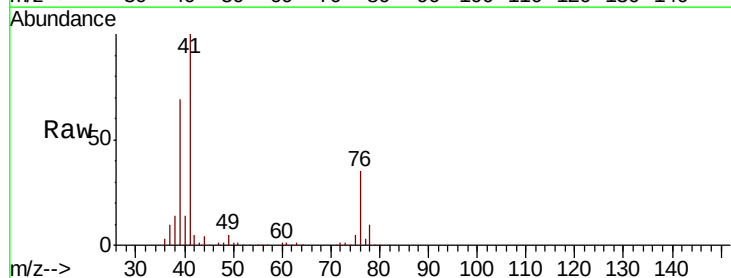
Instrument :
 MSVOA_X
 ClientSampled :

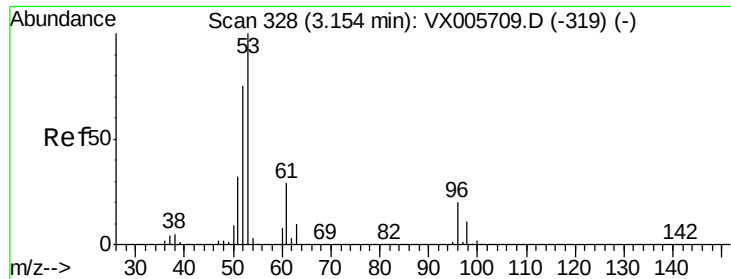
Tot Ion: 56 Resp: 29460
 Ion Ratio Lower Upper
 56 100
 55 73.9 57.3 85.9



#14
 Allyl chloride
 Concen: 18.147 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 41 Resp: 62827
 Ion Ratio Lower Upper
 41 100
 39 59.2 48.2 72.4
 76 30.7 21.9 32.9





#15

Acrylonitrile

Concen: 93.182 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

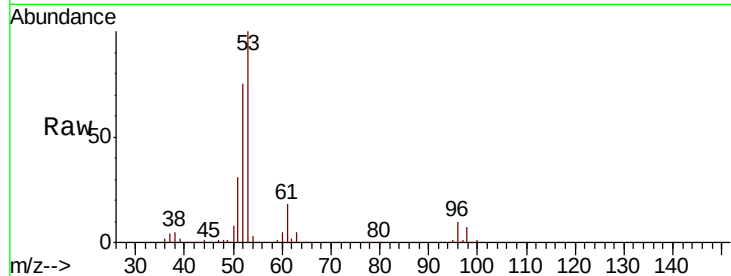
Tot Ion: 53 Resp: 126471

Ion Ratio Lower Upper

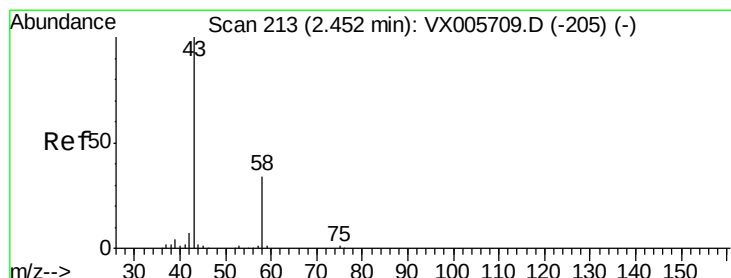
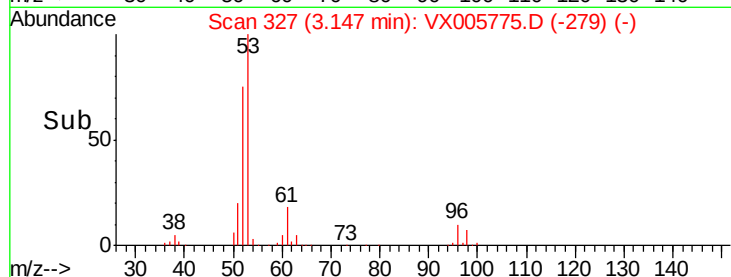
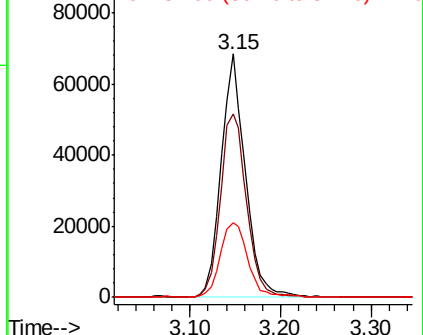
53 100

52 81.4 66.6 99.8

51 35.2 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: 88.985 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005775.D

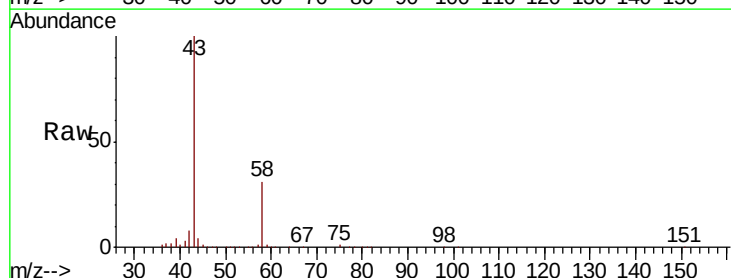
Acq: 05 Nov 2018 13:51

Tgt Ion: 43 Resp: 111004

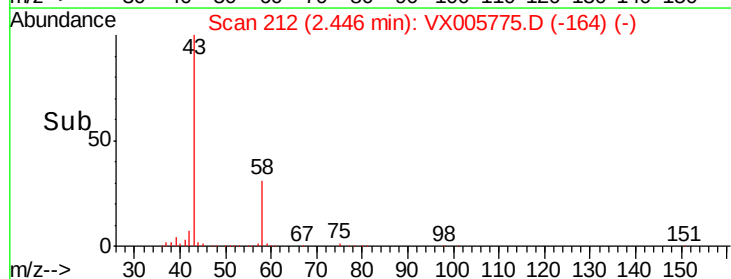
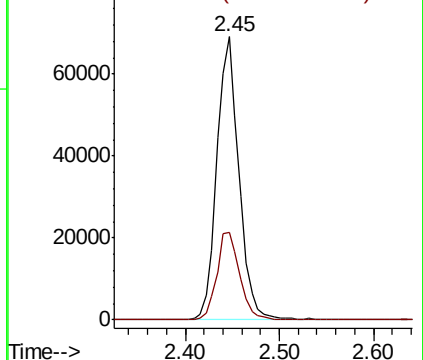
Ion Ratio Lower Upper

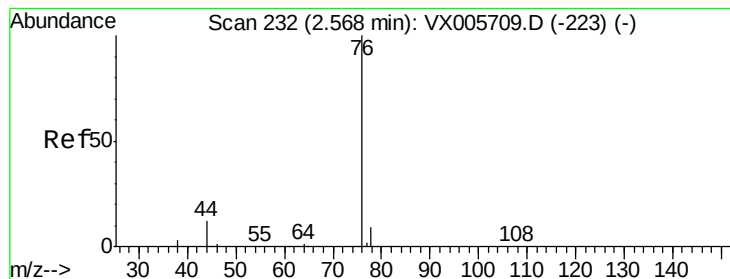
43 100

58 30.8 23.8 35.6



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





#17

Carbon Disulfide

Concen: 16.336 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

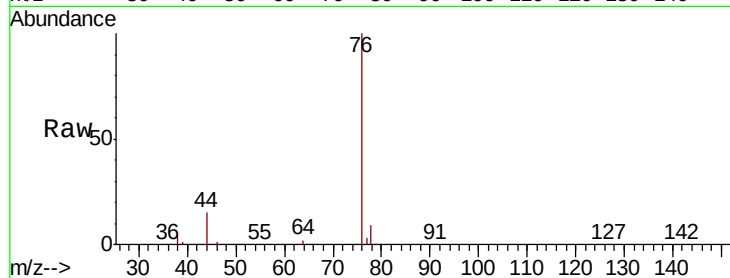
ClientSampled :

Tot Ion: 76 Resp: 84049

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX005709.D (-223) (-)

Ion 77.90 (77.60 to 78.60): VX005709.D (-223) (-)

2.57

60000

50000

40000

30000

20000

10000

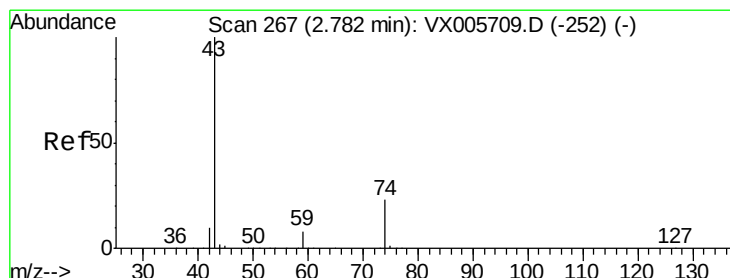
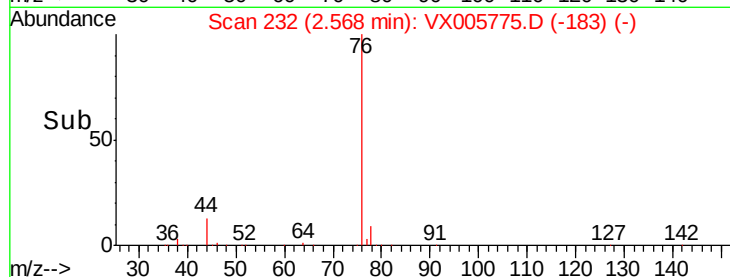
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 18.460 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005775.D

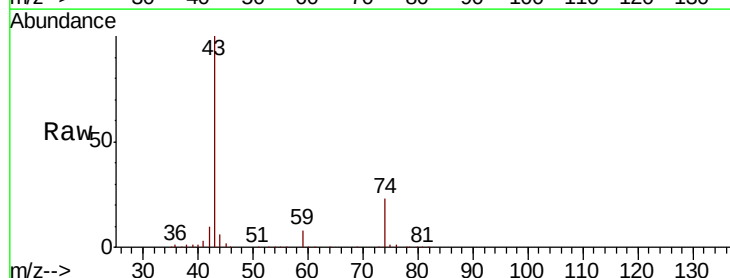
Acq: 05 Nov 2018 13:51

Tgt Ion: 43 Resp: 60211

Ion Ratio Lower Upper

43 100

74 22.5 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX005709.D (-252) (-)

Ion 74.00 (73.70 to 74.70): VX005709.D (-252) (-)

2.78

40000

30000

20000

10000

0

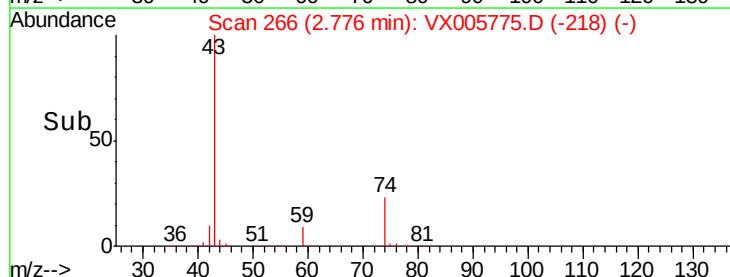
Time-->

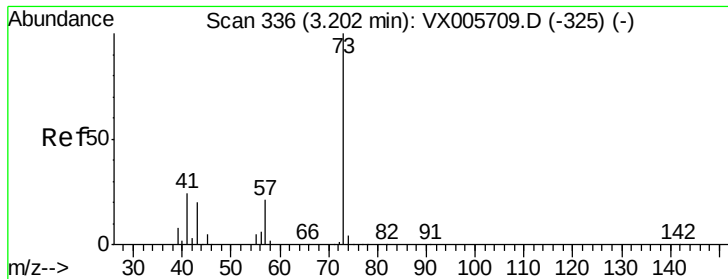
2.70

2.75

2.80

2.85

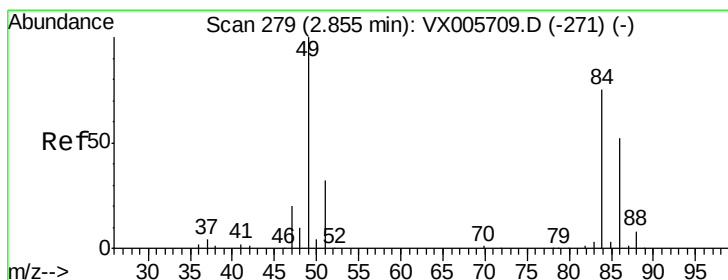
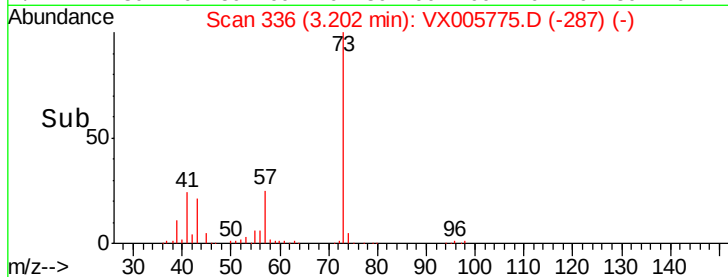
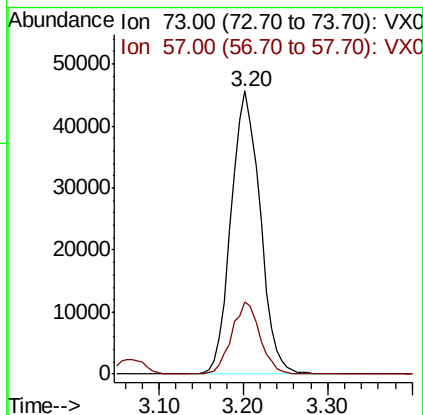
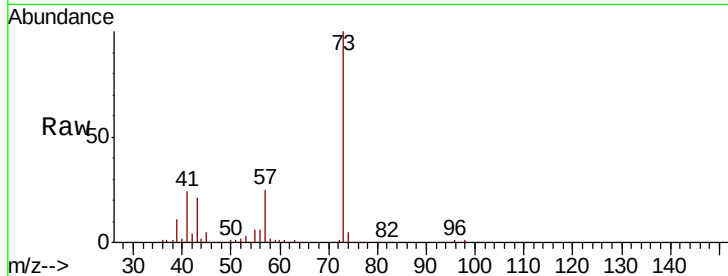




#19
Methyl tert-butyl Ether
Concen: 18.387 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

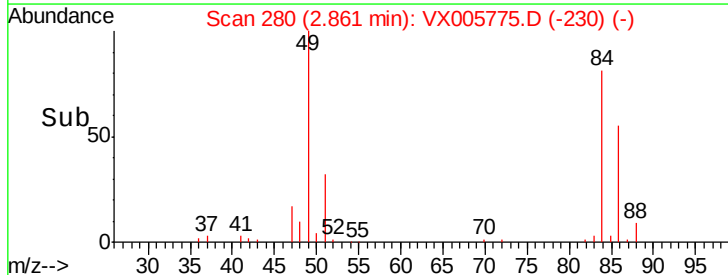
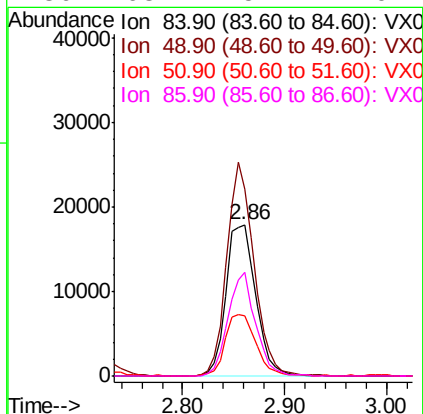
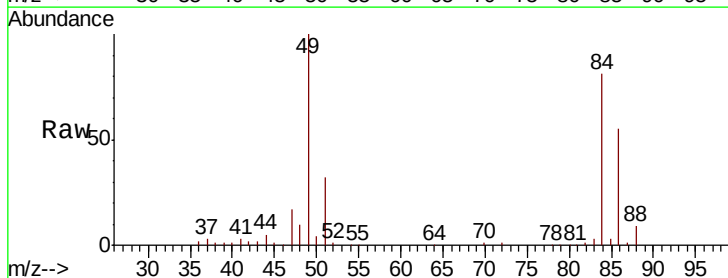
Instrument :
MSVOA_X
ClientSampled :

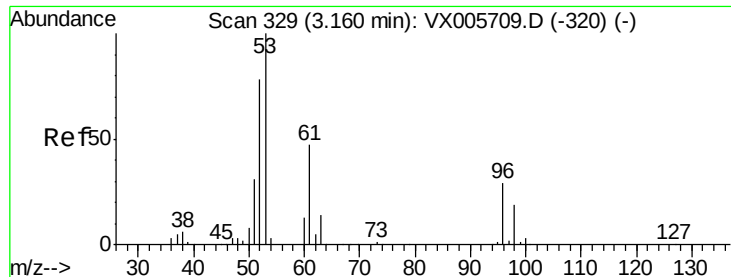
Tot Ion: 73 Resp: 106562
Ion Ratio Lower Upper
73 100
57 25.4 18.8 28.2



#20
Methylene Chloride
Concen: 18.407 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion: 84 Resp: 36076
Ion Ratio Lower Upper
84 100
49 123.7 109.5 164.3
51 39.7 33.3 49.9
86 68.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 17.519 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

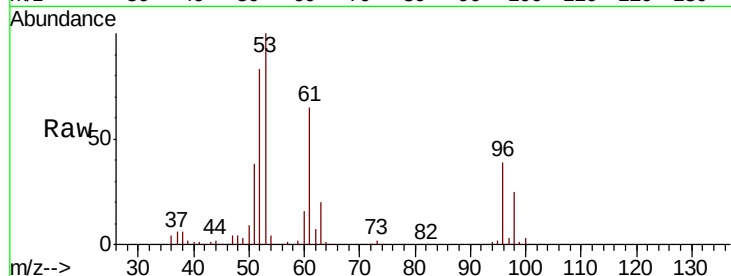
Tot Ion: 96 Resp: 31037

Ion Ratio Lower Upper

96 100

61 165.3 115.6 173.4

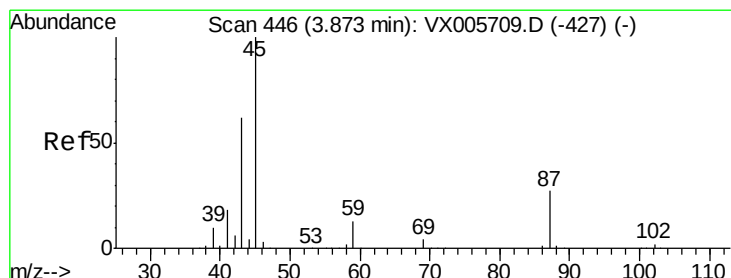
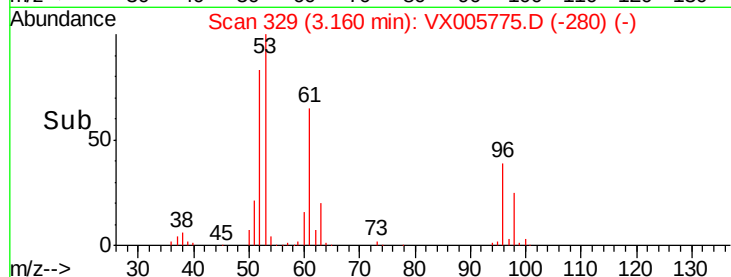
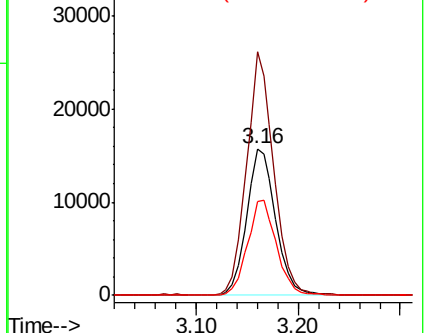
98 64.3 50.2 75.2



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: 17.430 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Tgt Ion: 45 Resp: 111941

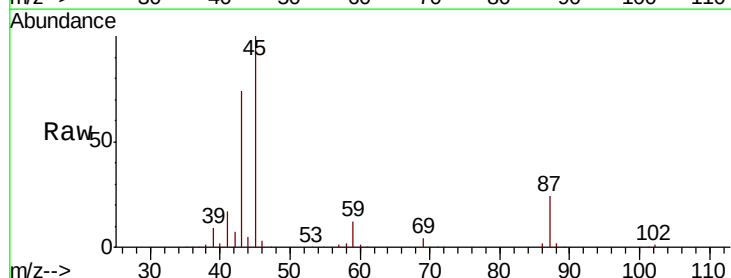
Ion Ratio Lower Upper

45 100

43 72.9 47.4 71.2#

87 24.1 15.9 23.9#

59 12.2 7.7 11.5#

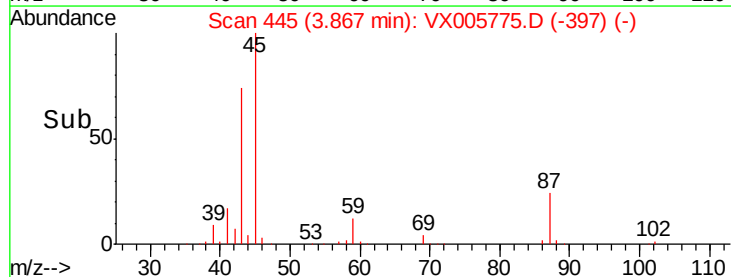
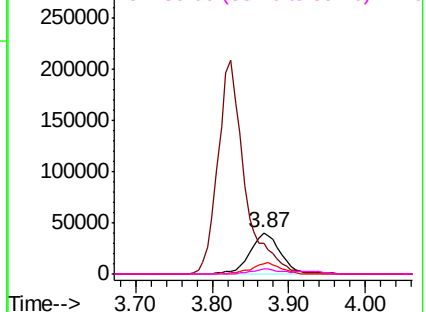


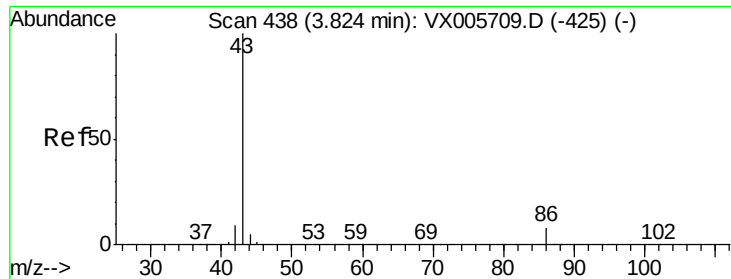
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 90.857 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

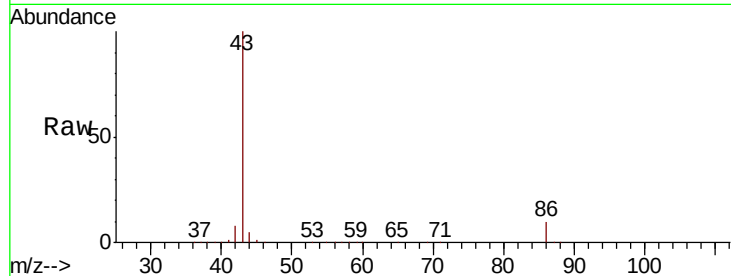
ClientSampled :

Tot Ion: 43 Resp: 508239

Ion Ratio Lower Upper

43 100

86 9.7 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

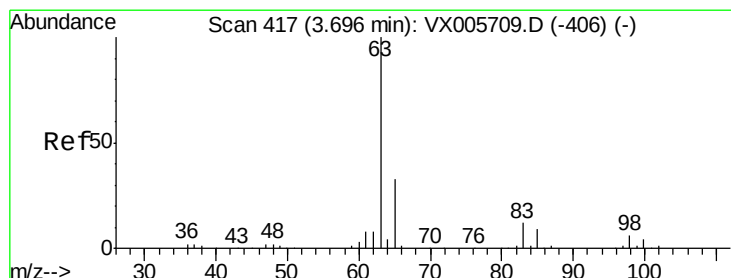
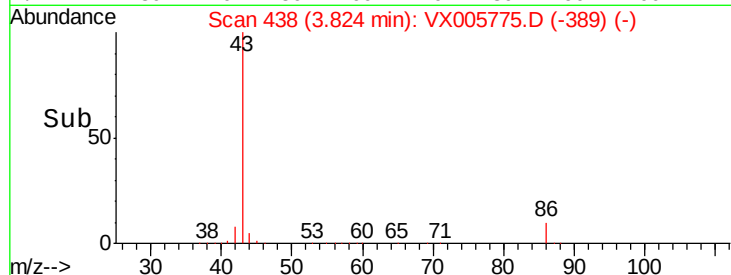
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 18.090 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

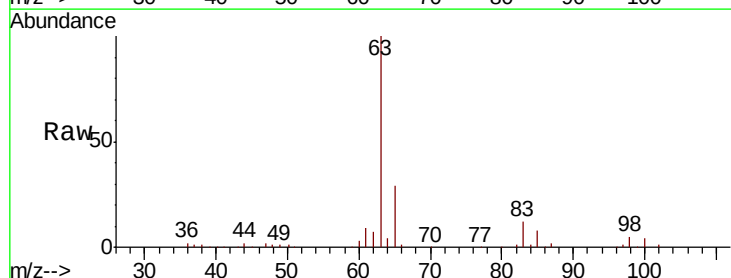
Tgt Ion: 63 Resp: 65694

Ion Ratio Lower Upper

63 100

98 4.9 3.2 9.6

100 4.1 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

3.69

40000

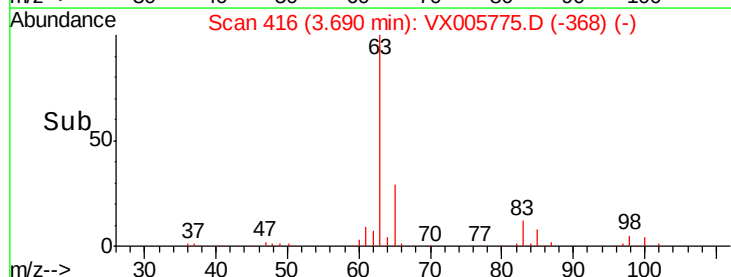
30000

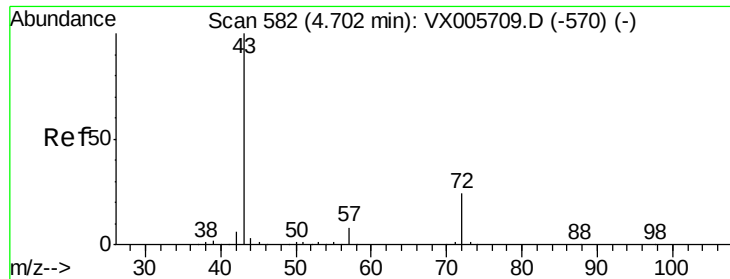
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 86.580 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

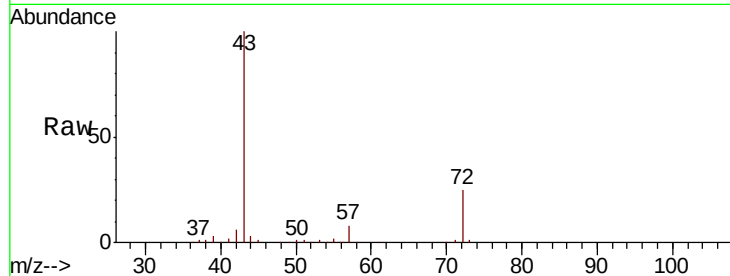
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 165991

Ion Ratio Lower Upper

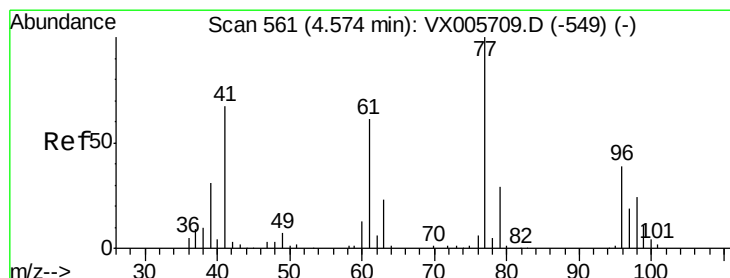
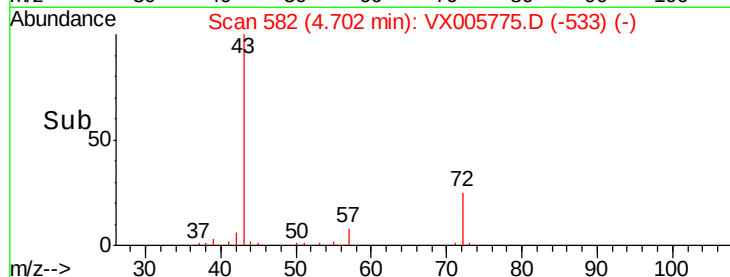
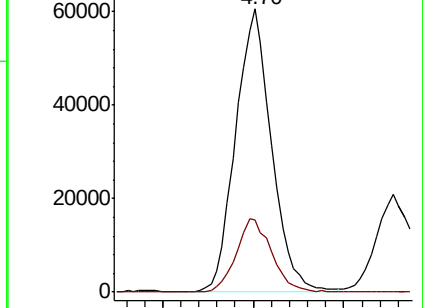
43 100

72 25.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.044 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005775.D

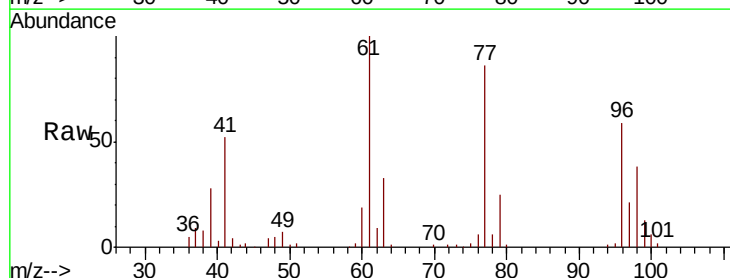
Acq: 05 Nov 2018 13:51

Tgt Ion: 77 Resp: 48982

Ion Ratio Lower Upper

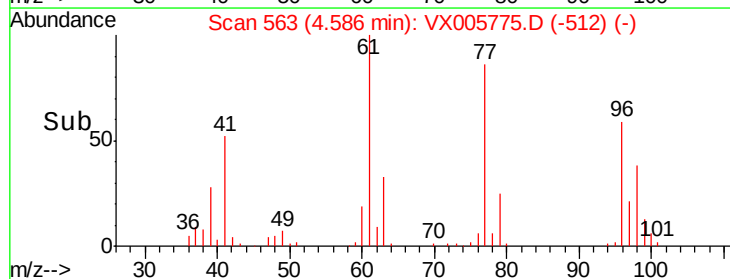
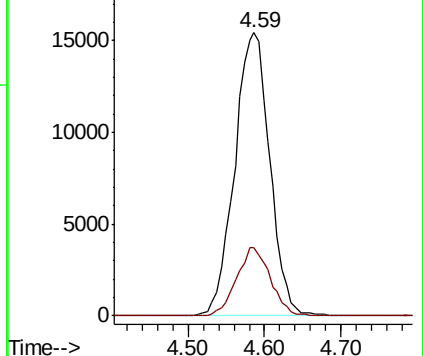
77 100

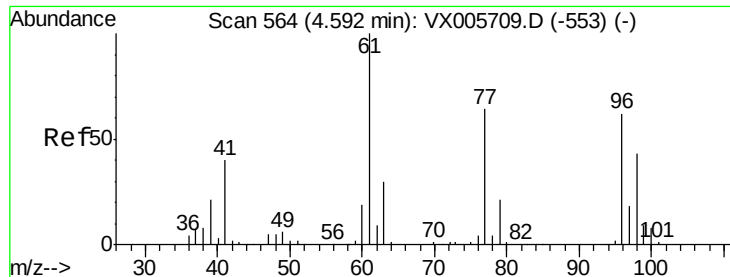
97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



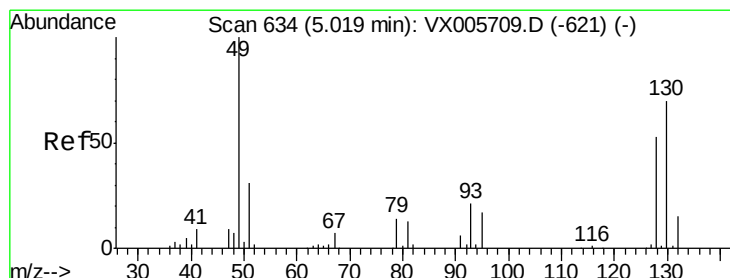
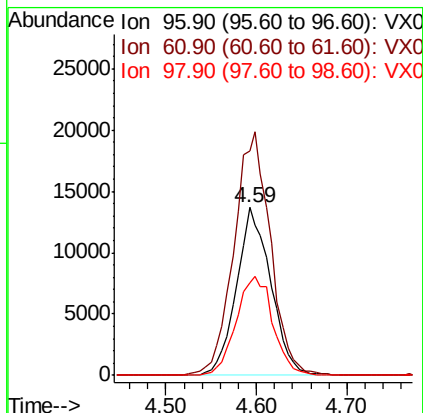
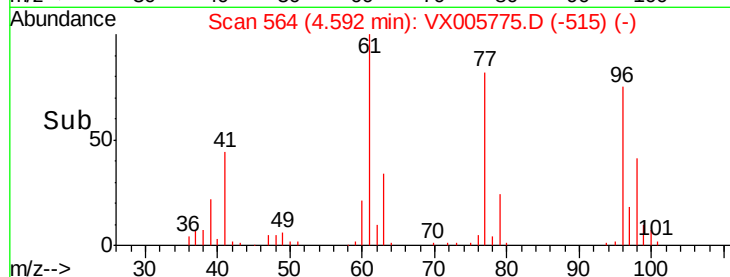
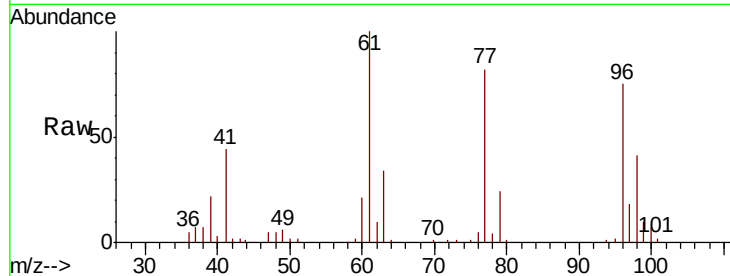


#27

cis-1,2-Dichloroethene
Concen: 18.045 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampled :

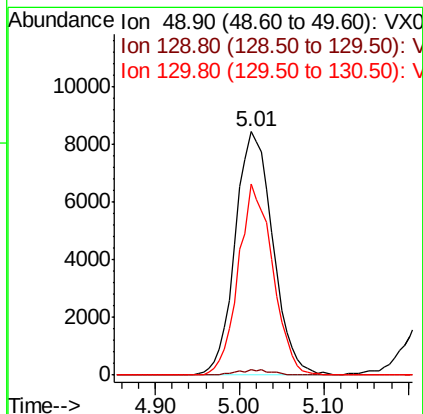
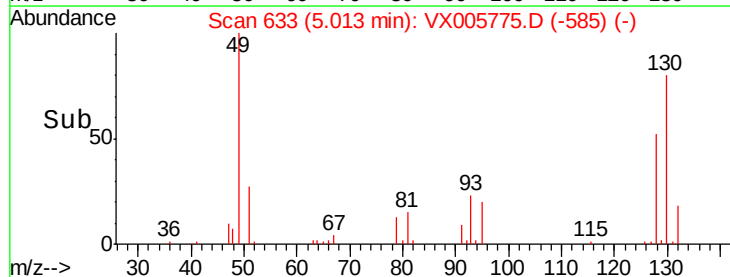
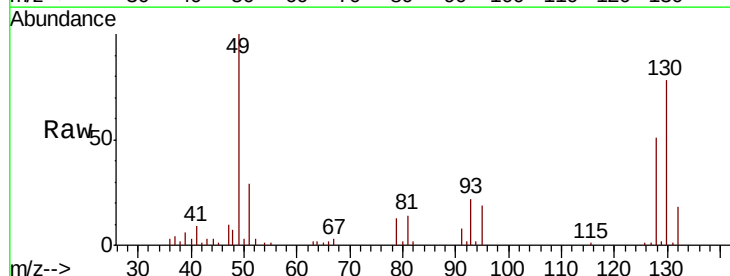
Tot Ion: 96 Resp: 35924
Ion Ratio Lower Upper
96 100
61 153.9 0.0 304.6
98 62.8 0.0 127.4

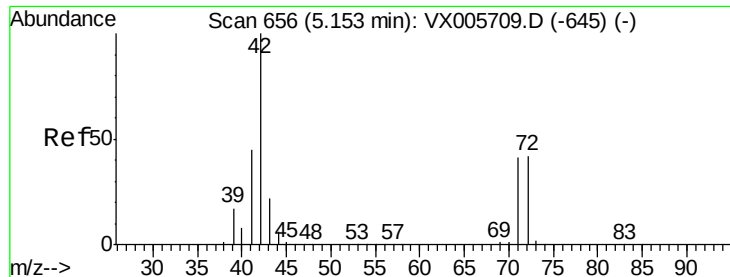


#28

Bromochloromethane
Concen: 14.440 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion: 49 Resp: 25583
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 71.6 58.9 88.3

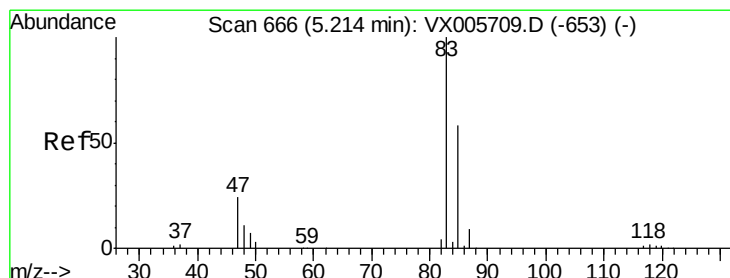
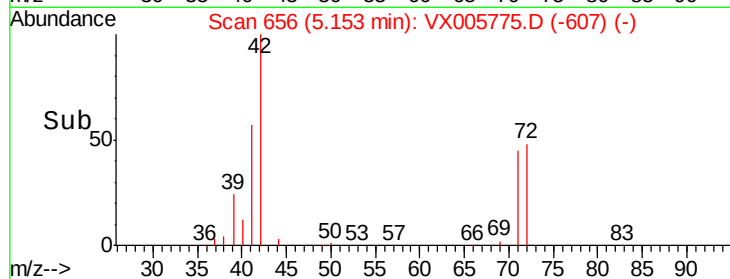
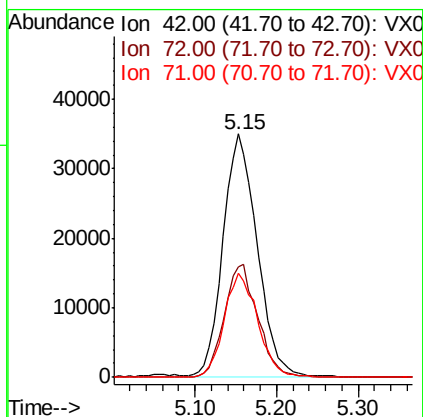
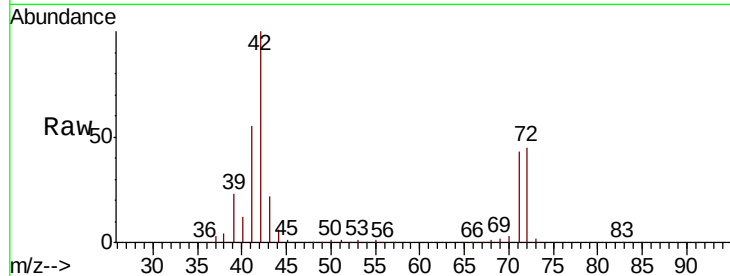




#29
Tetrahydrofuran
Concen: 85.976 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

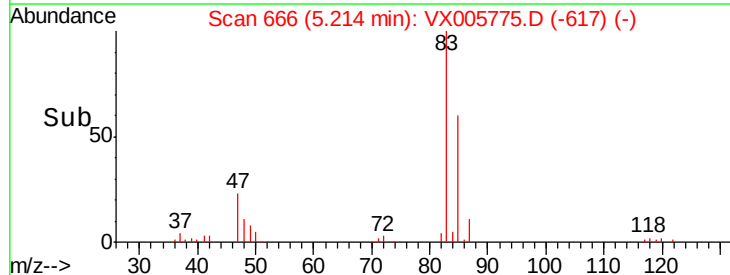
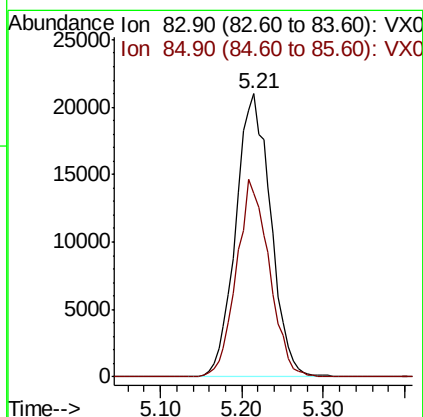
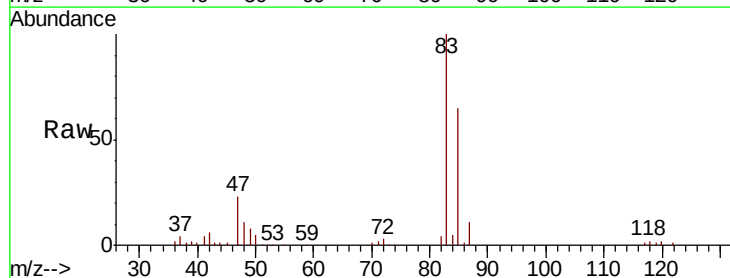
Instrument :
MSVOA_X
ClientSampled :

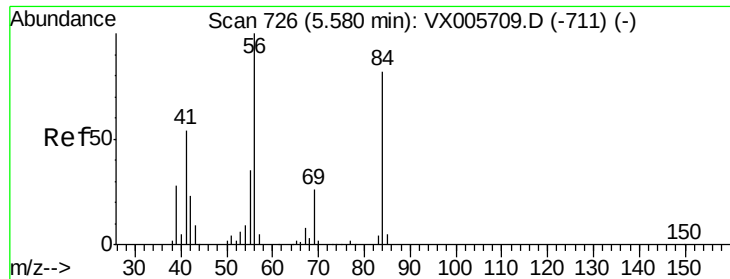
Tot Ion: 42 Resp: 100608
Ion Ratio Lower Upper
42 100
72 46.2 32.0 48.0
71 42.5 29.8 44.8



#30
Chloroform
Concen: 17.577 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion: 83 Resp: 62408
Ion Ratio Lower Upper
83 100
85 65.0 50.6 76.0

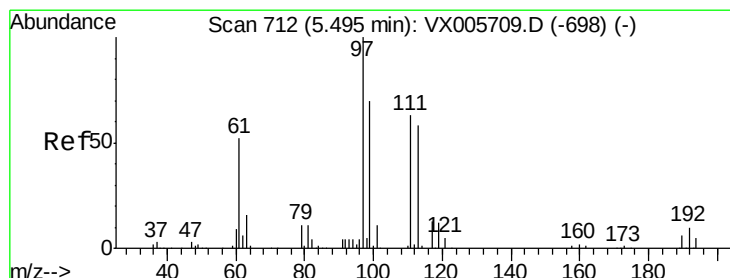
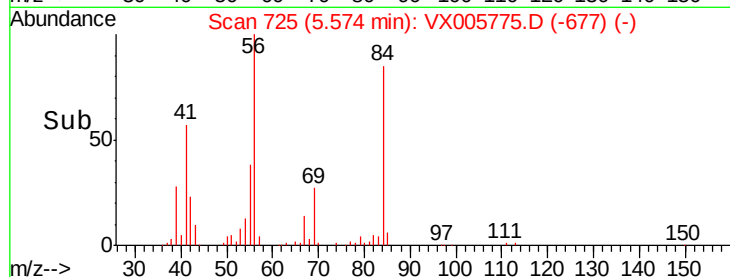
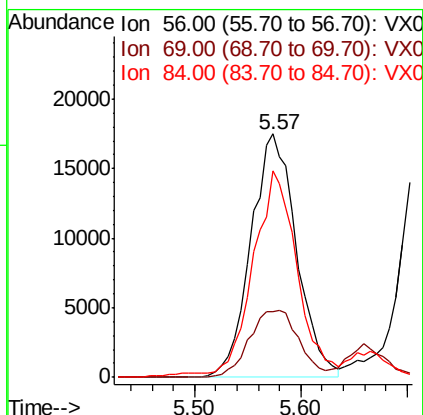
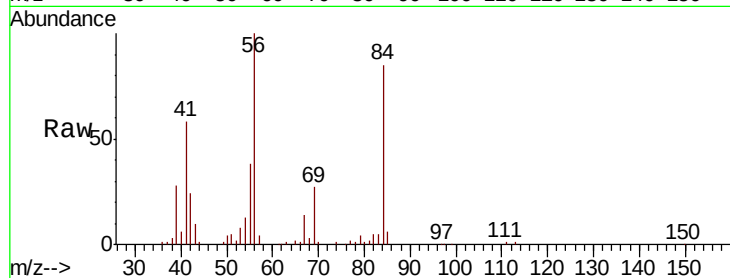




#31
Cyclohexane
Concen: 17.200 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

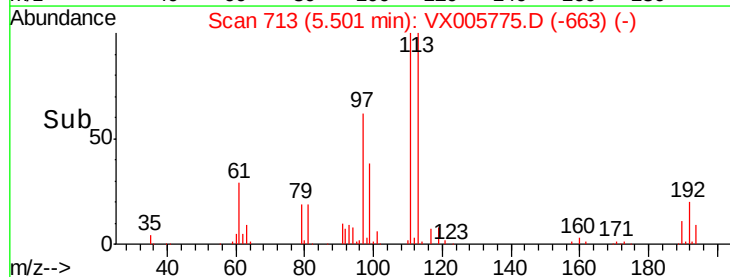
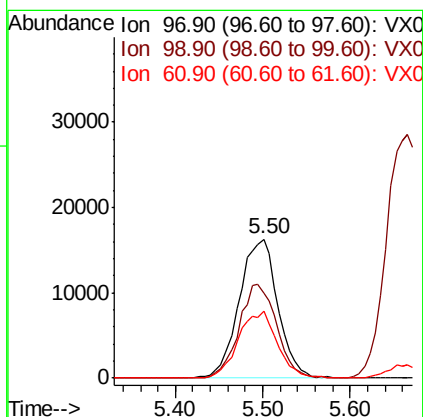
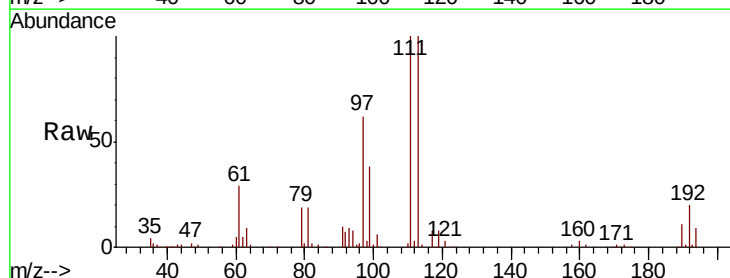
Instrument :
MSVOA_X
ClientSampleId :

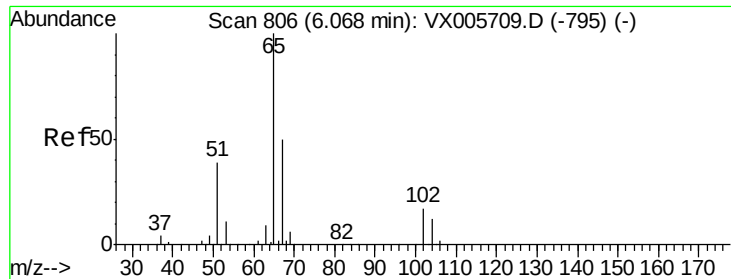
Tot Ion: 56 Resp: 52231
Ion Ratio Lower Upper
56 100
69 27.2 22.6 34.0
84 82.8 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 17.557 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion: 97 Resp: 49888
Ion Ratio Lower Upper
97 100
99 66.0 52.3 78.5
61 48.3 35.2 52.8

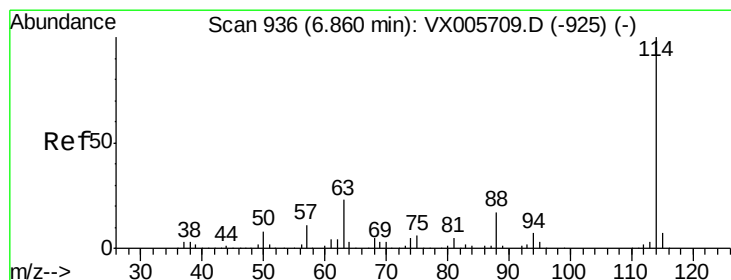
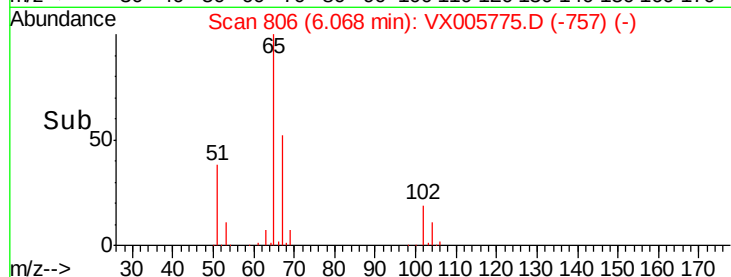
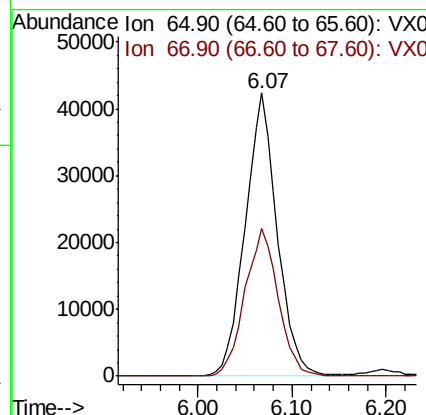
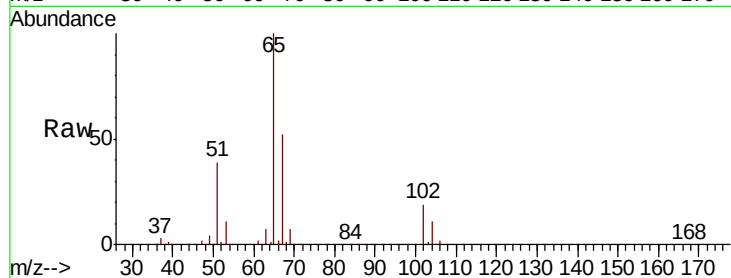




#33
 1,2-Dichloroethane-d4
 Concen: 44.222 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

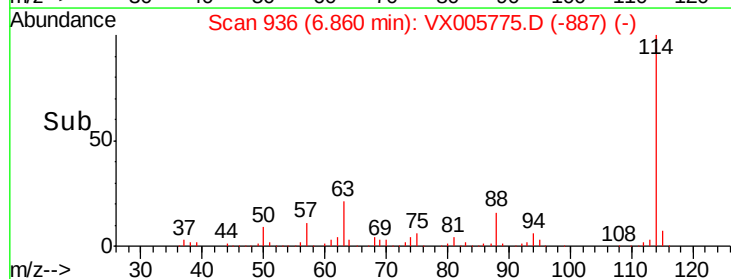
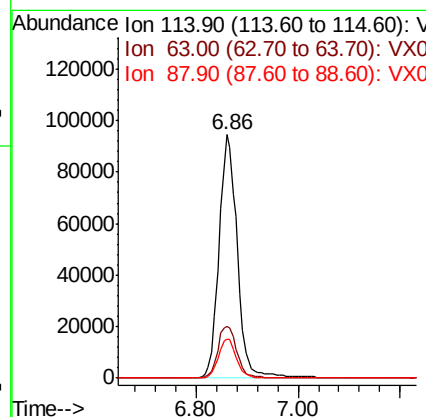
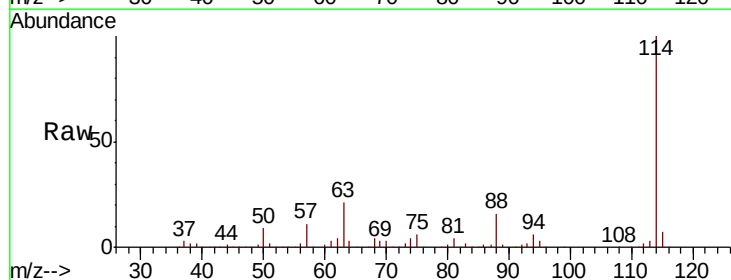
Instrument :
 MSVOA_X
 ClientSampleId :

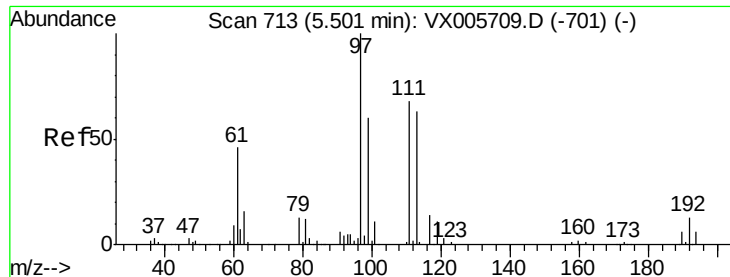
Tot Ion: 65 Resp: 100505
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 114 Resp: 236039
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.8 0.0 31.2

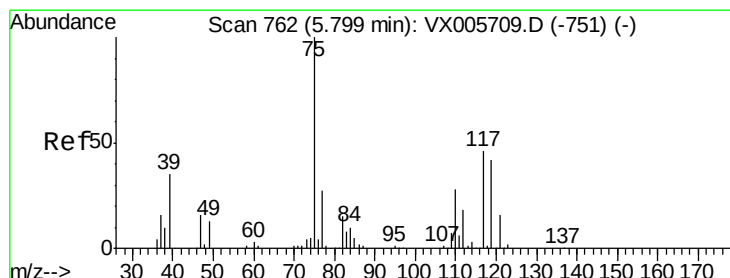
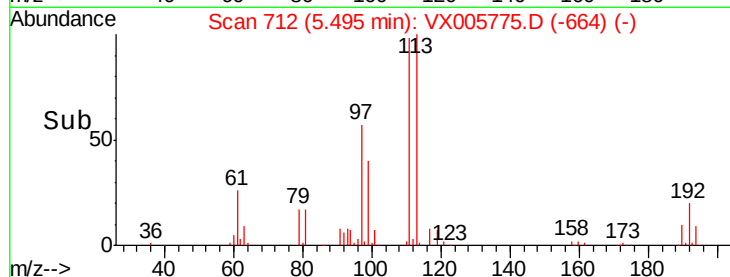
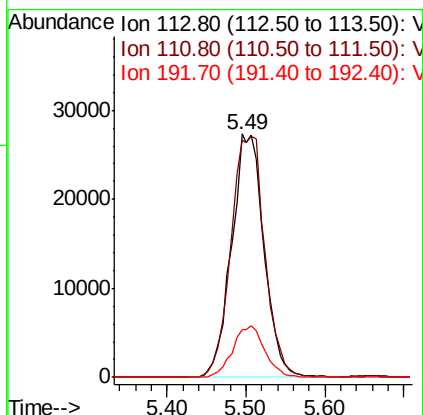
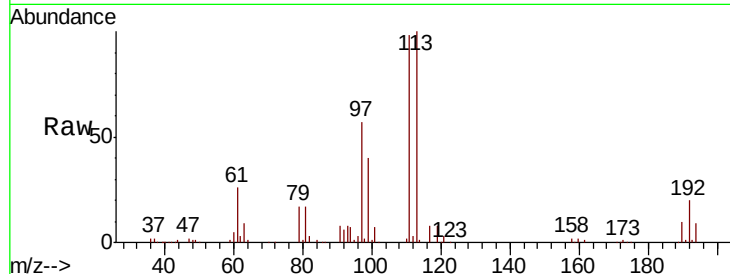




#35
 Dibromofluoromethane
 Concen: 47.823 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

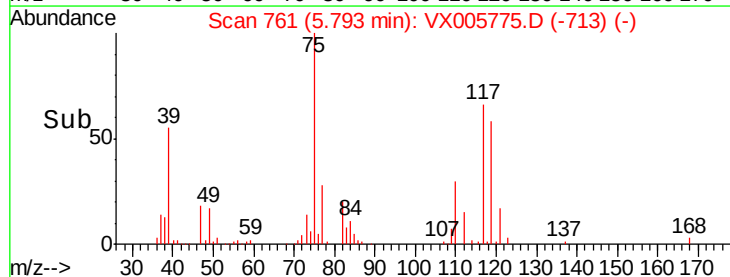
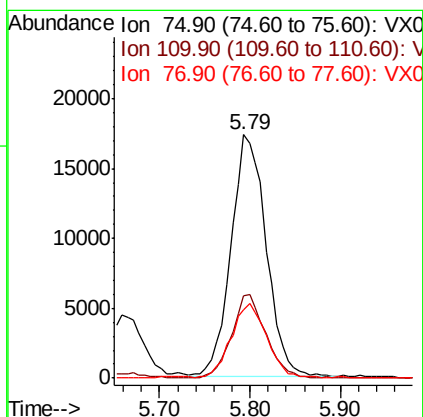
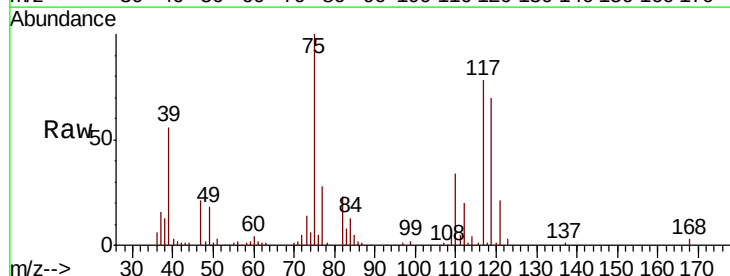
Instrument :
 MSVOA_X
 ClientSampleId :

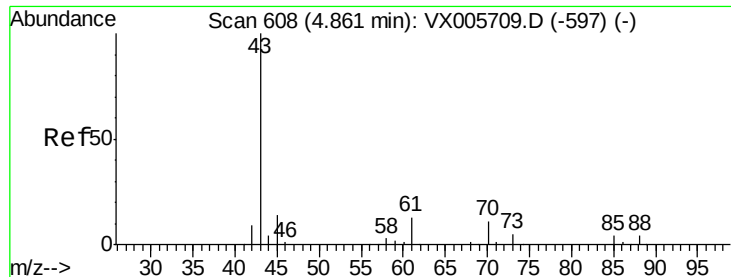
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.3	123.5
192	20.7	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 18.611 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.4	52.2
77	30.8	25.8	38.6

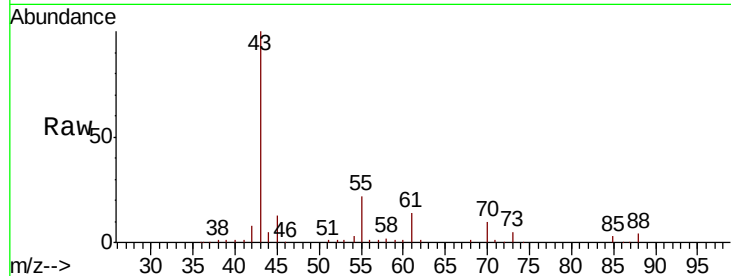




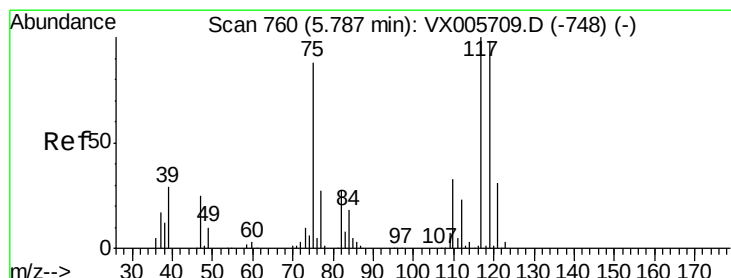
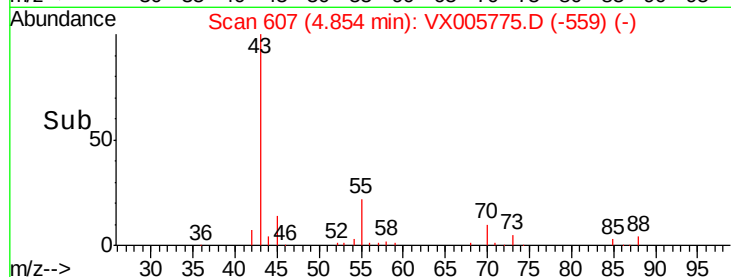
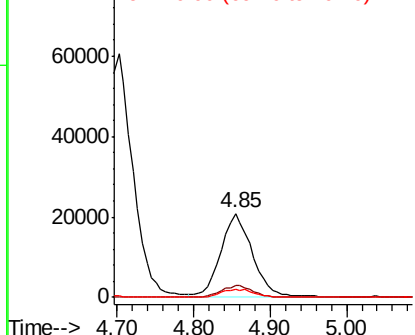
#37
Ethyl Acetate
Concen: 18.352 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 58881
Ion Ratio Lower Upper
43 100
61 14.3 10.8 16.2
70 10.4 7.8 11.8

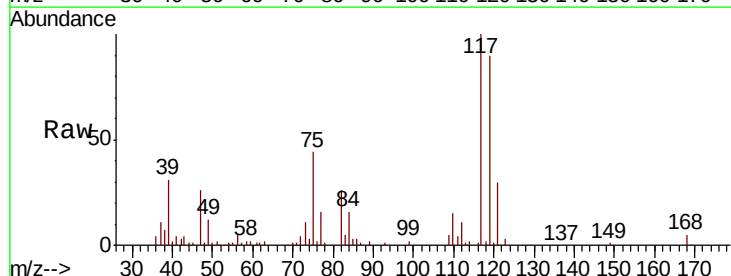


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

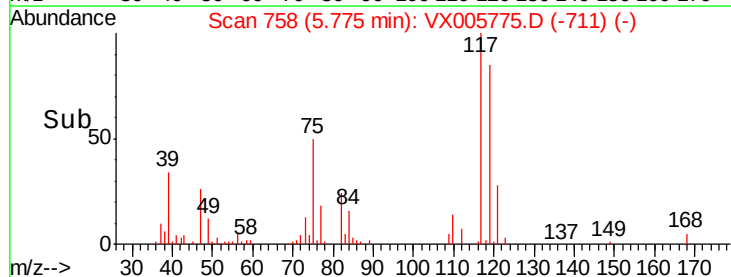
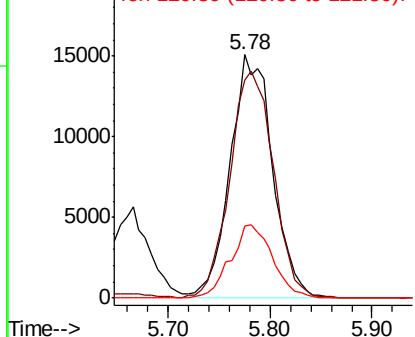


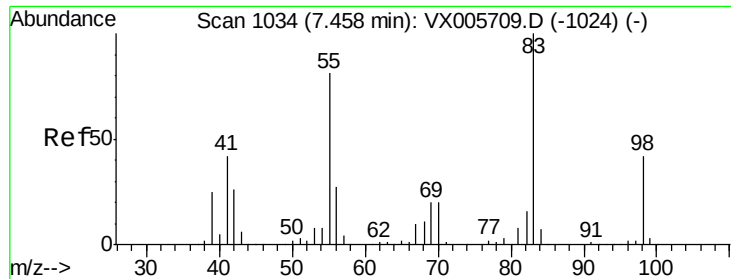
#38
Carbon Tetrachloride
Concen: 19.128 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion: 117 Resp: 43459
Ion Ratio Lower Upper
117 100
119 89.6 78.1 117.1
121 29.9 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

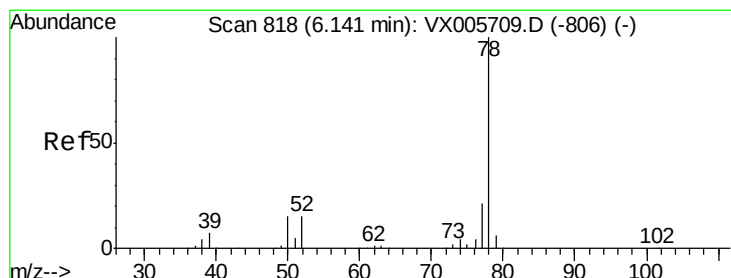
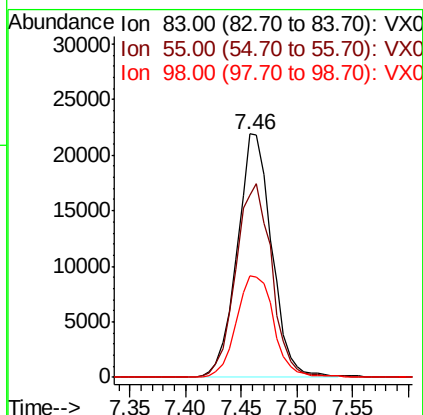
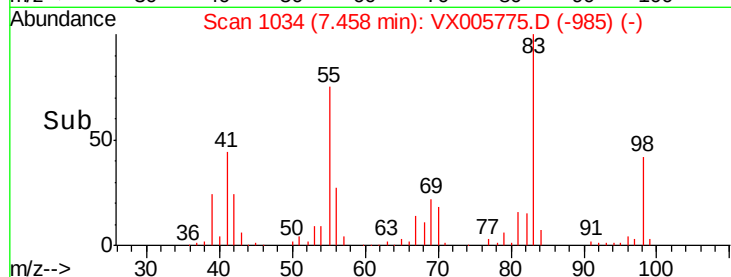
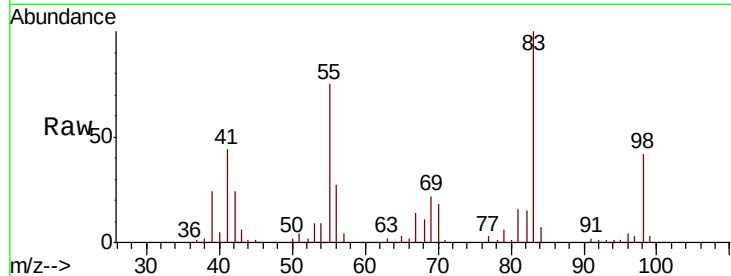




#39
Methylvlcyclohexane
Concen: 18.001 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

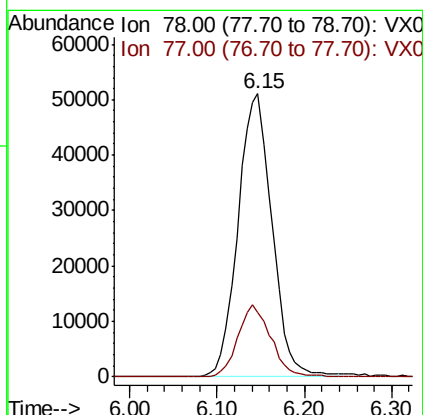
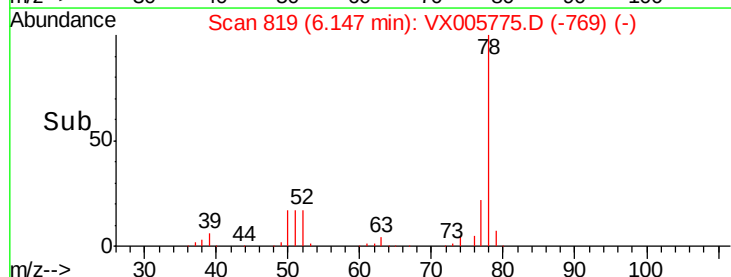
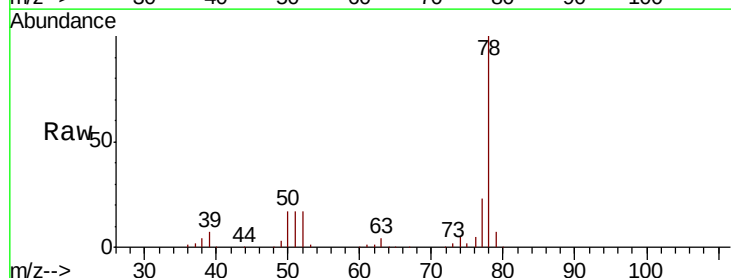
Instrument :
MSVOA_X
ClientSampleId :

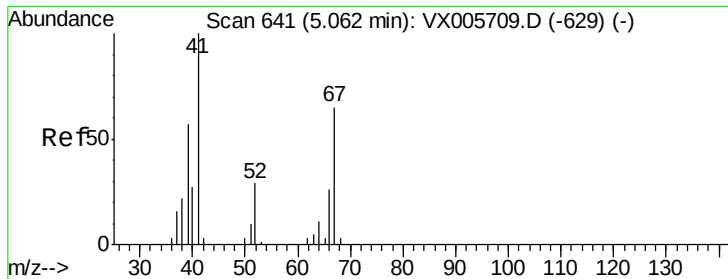
Tot Ion: 83 Resp: 47211
Ion Ratio Lower Upper
83 100
55 74.7 63.7 95.5
98 41.7 36.2 54.2



#40
Benzene
Concen: 18.419 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion: 78 Resp: 137800
Ion Ratio Lower Upper
78 100
77 22.8 18.4 27.6

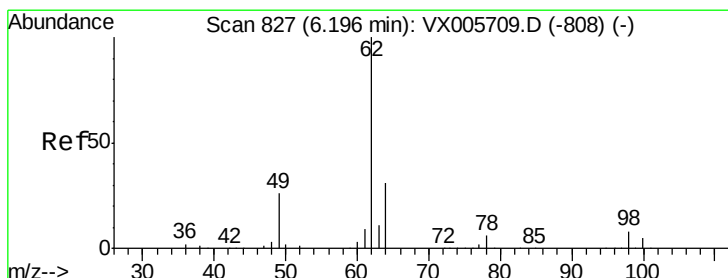
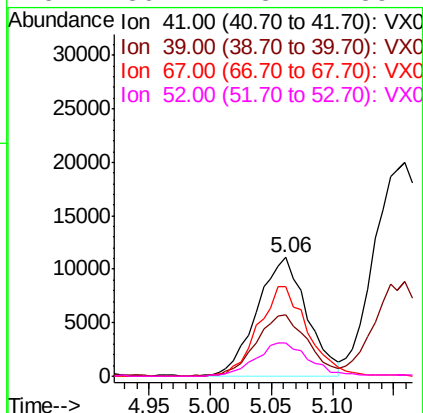
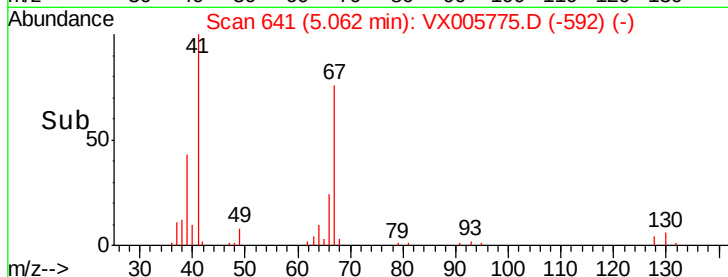
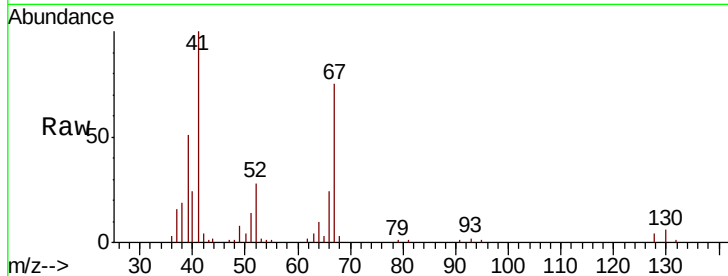




#41
Methacrylonitrile
Concen: 18.318 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

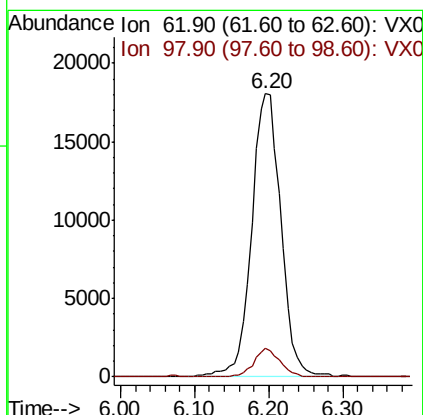
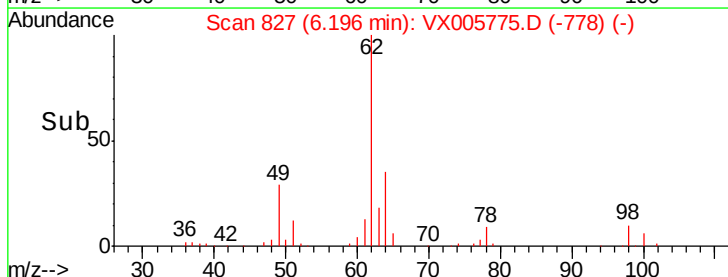
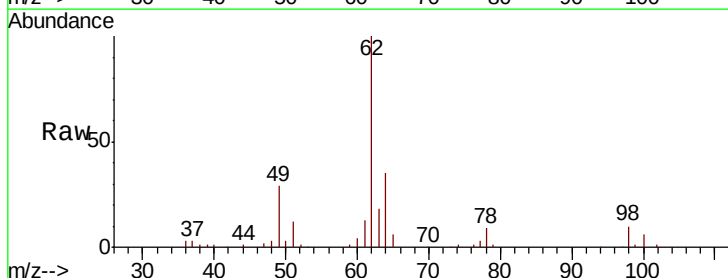
Instrument :
MSVOA_X
ClientSampled :

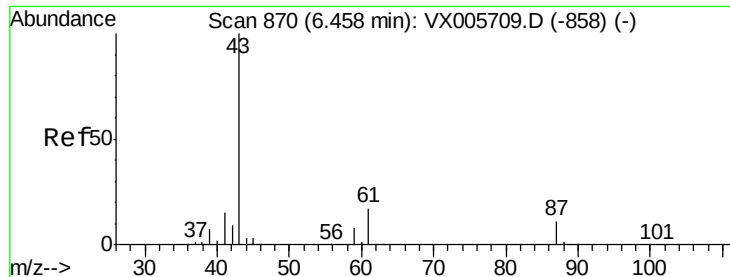
Tot Ion:	41	Resp:	31755
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.2	63.2
67	74.3	53.4	80.0
52	30.2	23.4	35.2



#42
1,2-Dichloroethane
Concen: 18.047 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion:	62	Resp:	49906
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



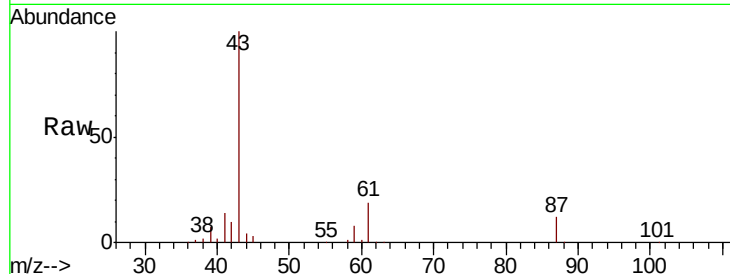


#43

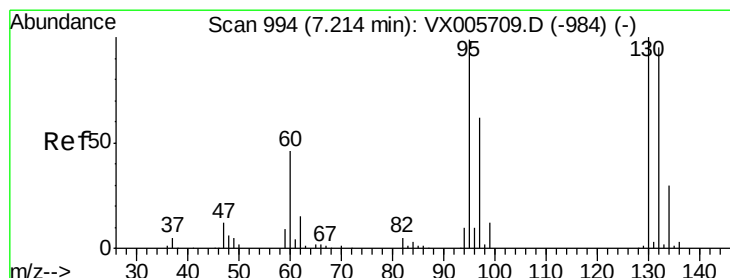
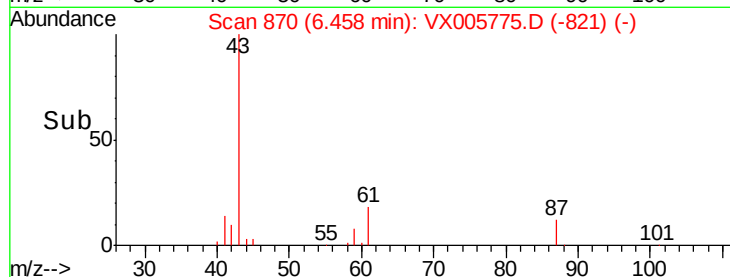
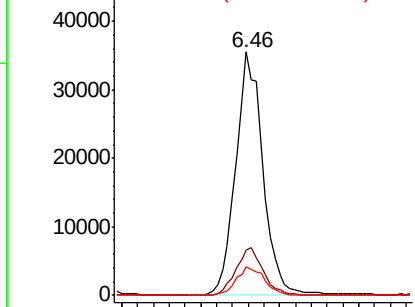
Isopropyl Acetate
 Concen: 18.286 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 85154
 Ion Ratio Lower Upper
 43 100
 61 19.7 14.6 22.0
 87 12.3 9.6 14.4



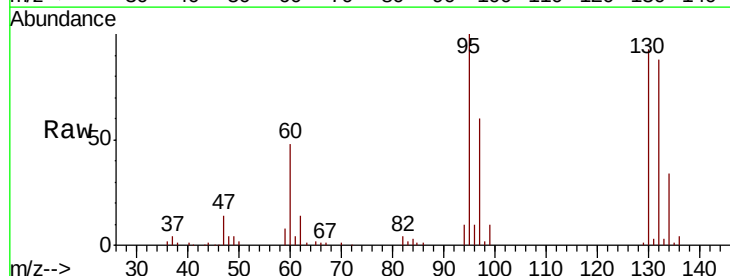
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



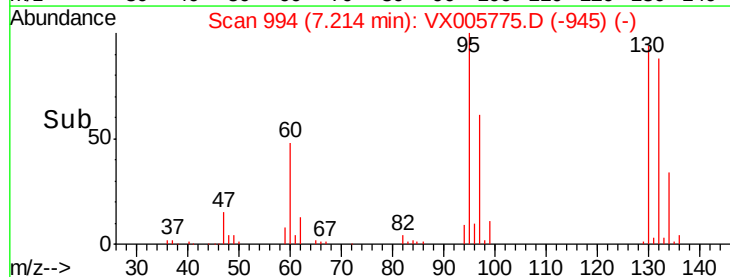
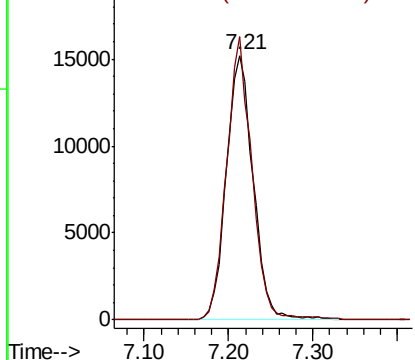
#44

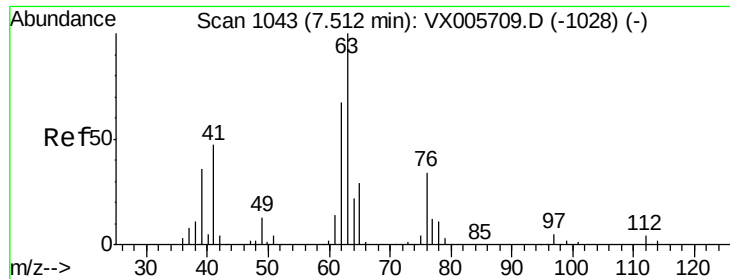
Trichloroethene
 Concen: 19.119 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion:130 Resp: 33083
 Ion Ratio Lower Upper
 130 100
 95 107.2 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

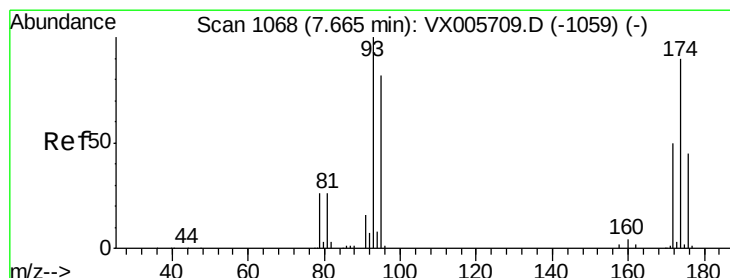
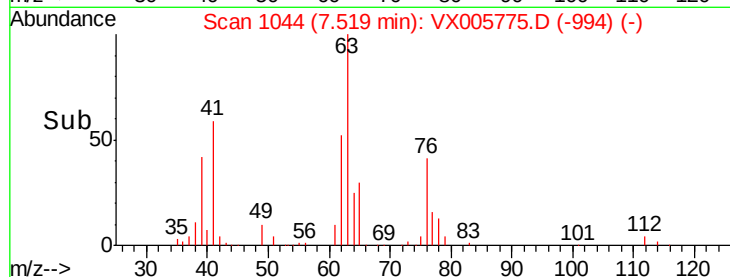
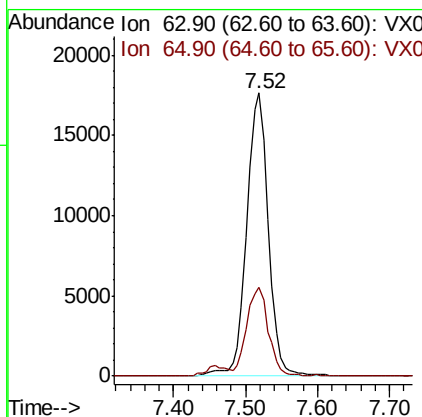
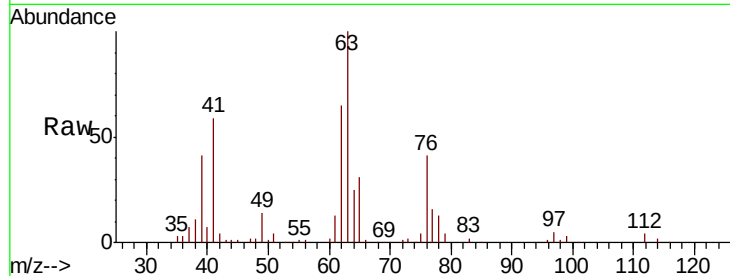




#45
 1,2-Dichloropropane
 Concen: 19.226 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

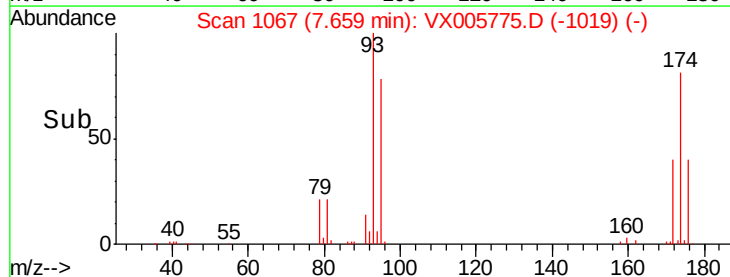
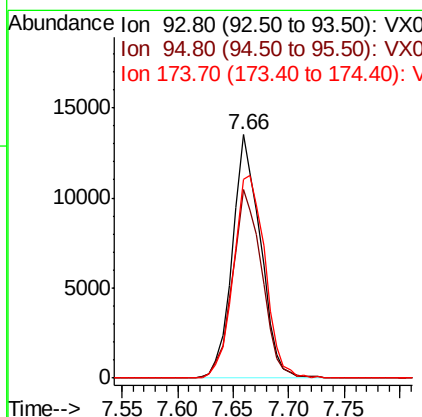
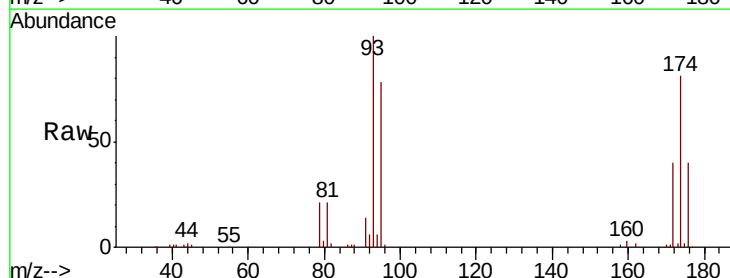
Instrument :
 MSVOA_X
 ClientSampled :

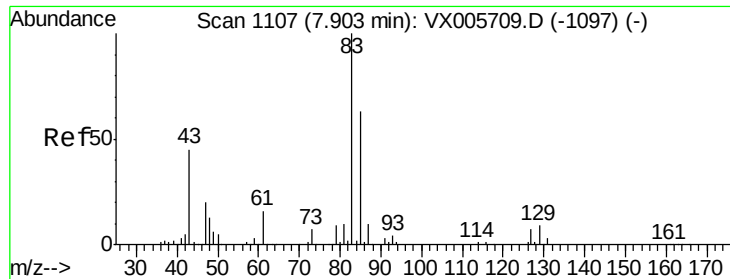
Tot Ion: 63 Resp: 36861
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.8 37.2



#46
 Dibromomethane
 Concen: 19.200 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 93 Resp: 23525
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.4 101.0
 174 93.3 91.5 137.3





#47

Bromodichloromethane

Concen: 18.703 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

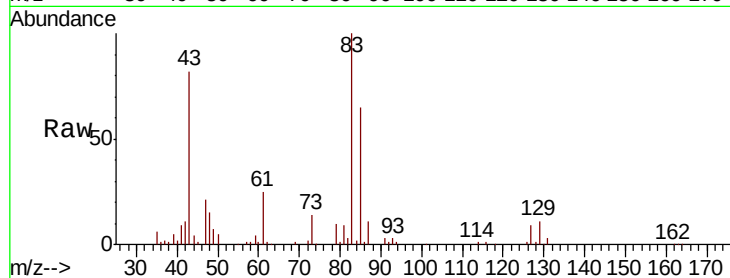
Tot Ion: 83 Resp: 42985

Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.4

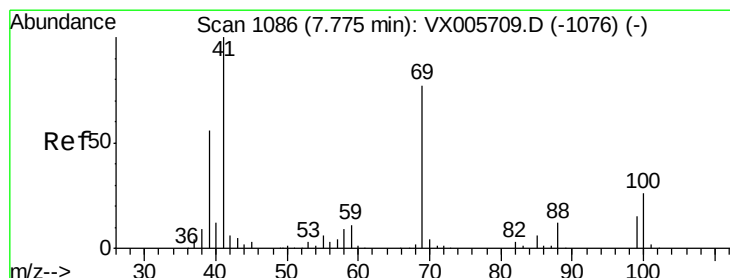
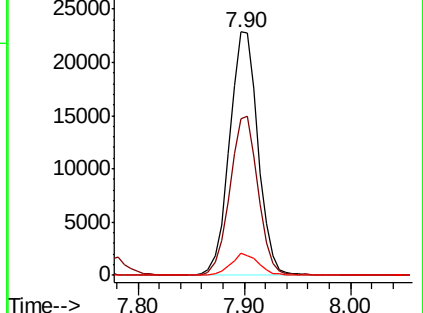
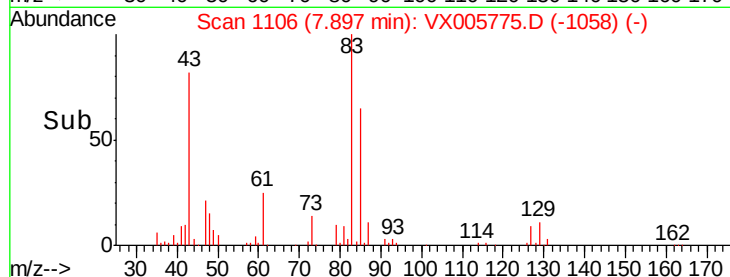
127 8.9 6.9 10.3



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: 18.189 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

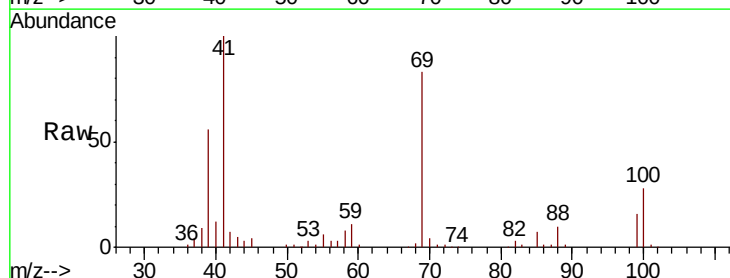
Tgt Ion: 41 Resp: 40994

Ion Ratio Lower Upper

41 100

69 82.1 63.2 94.8

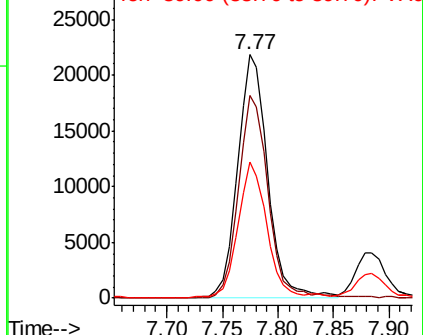
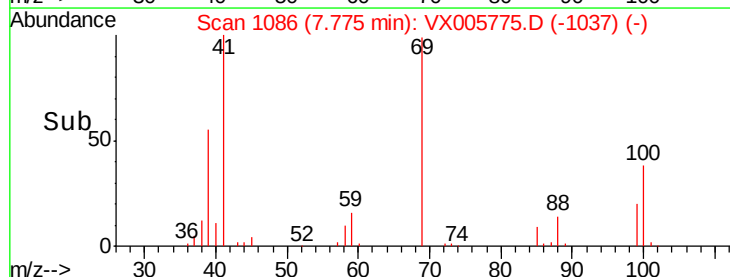
39 53.5 42.2 63.2

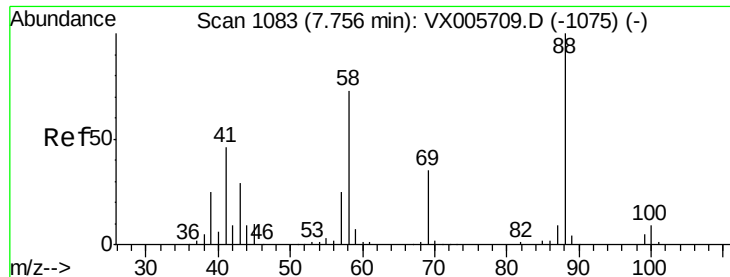


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

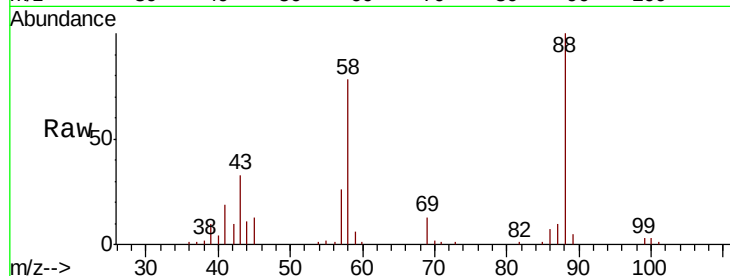




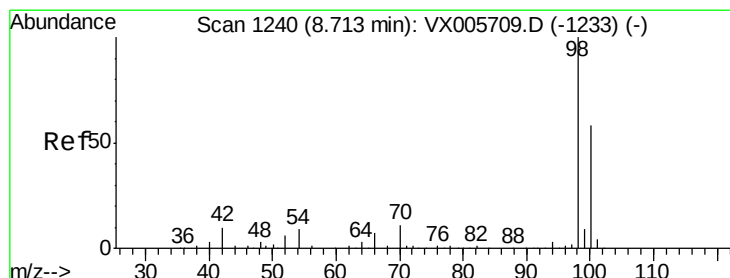
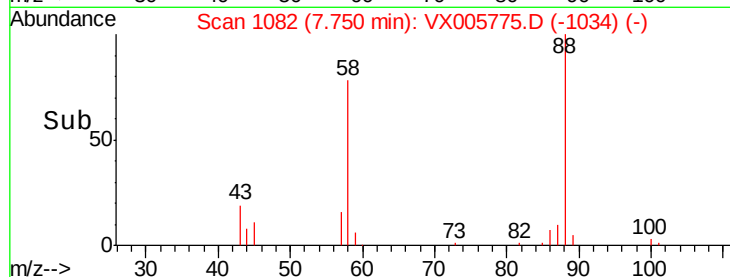
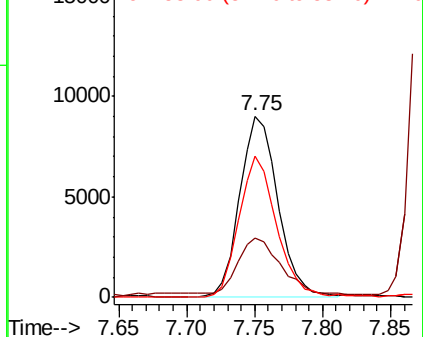
#49
1,4-Dioxane
Concen: 352.758 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 17704
Ion Ratio Lower Upper
88 100
43 33.9 27.4 41.0
58 77.4 59.4 89.2

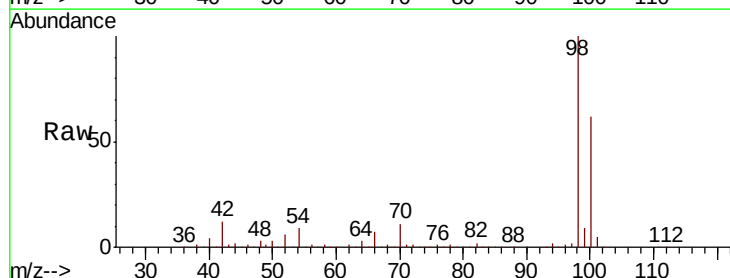


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

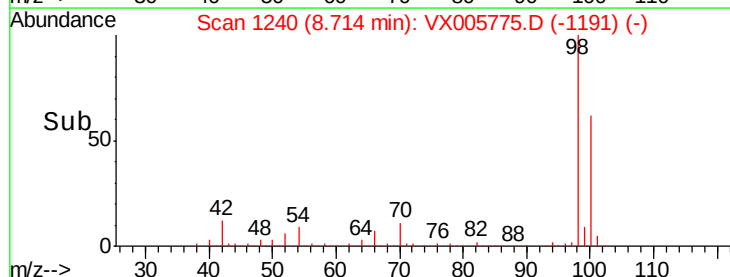
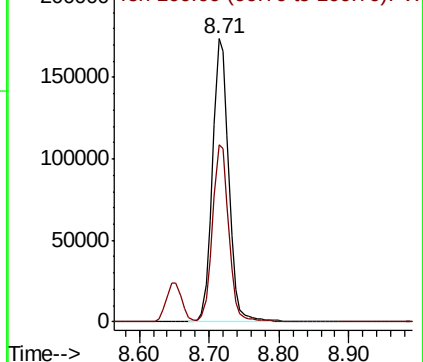


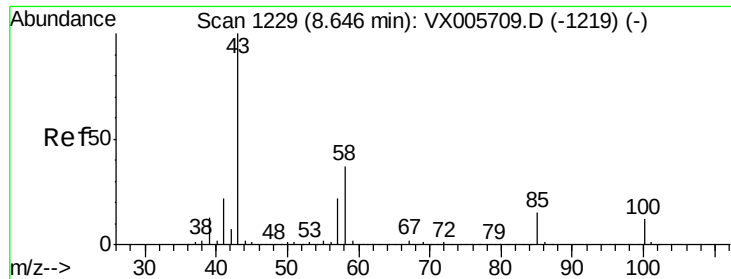
#50
Toluene-d8
Concen: 48.934 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion: 98 Resp: 280502
Ion Ratio Lower Upper
98 100
100 63.1 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: 92.635 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

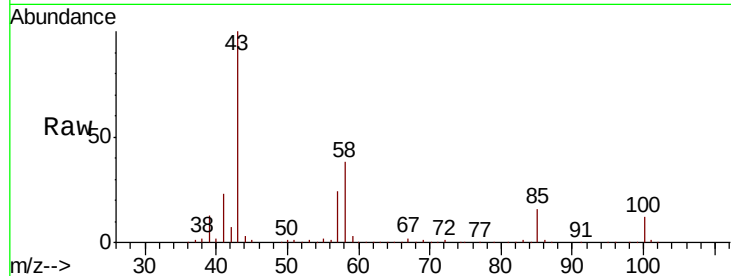
ClientSampled :

Tot Ion: 43 Resp: 294137

Ion Ratio Lower Upper

43 100

58 38.4 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

200000

150000

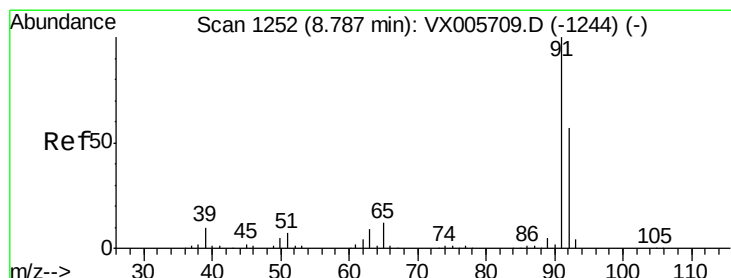
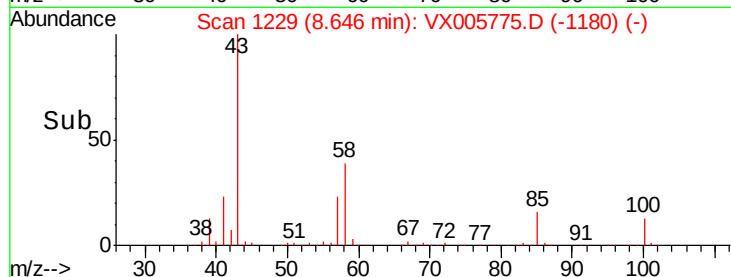
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 19.687 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX005775.D

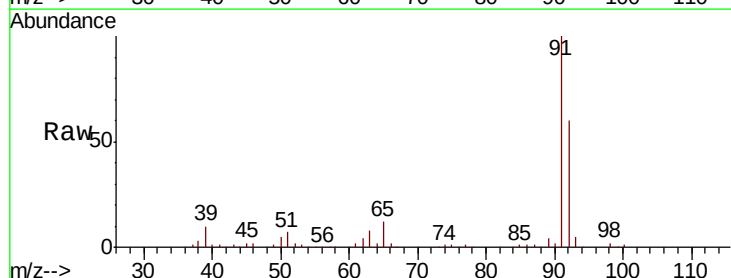
Acq: 05 Nov 2018 13:51

Tgt Ion: 92 Resp: 79669

Ion Ratio Lower Upper

92 100

91 176.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

100000

80000

60000

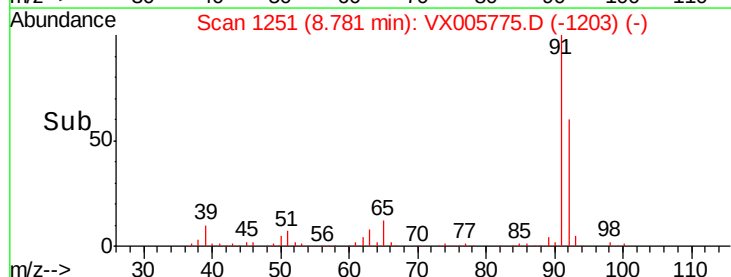
40000

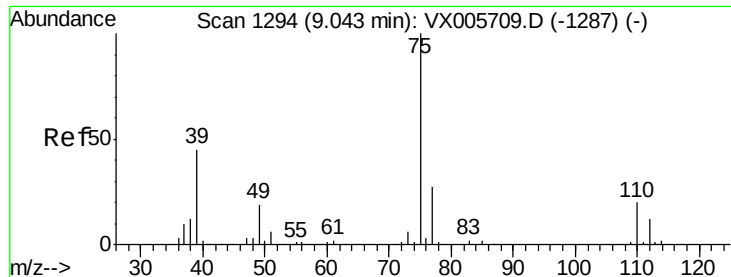
20000

0

8.70 8.80 8.90 9.00

Time-->

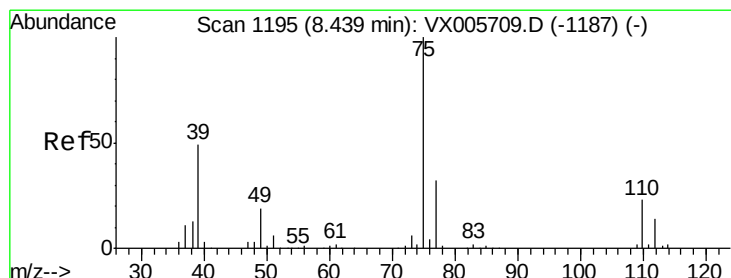
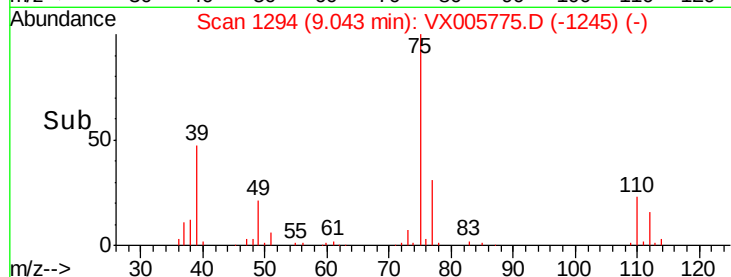
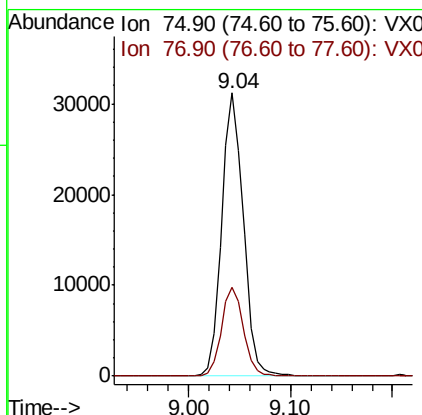
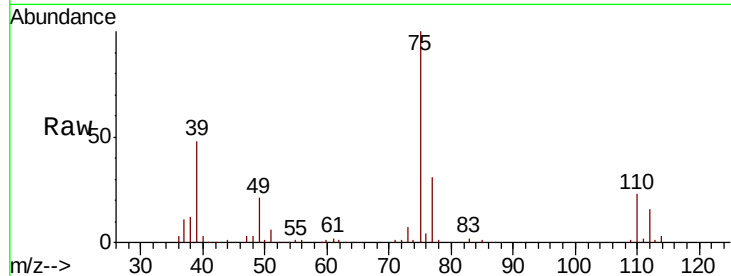




#53
t-1,3-Dichloropropene
Concen: 18.525 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

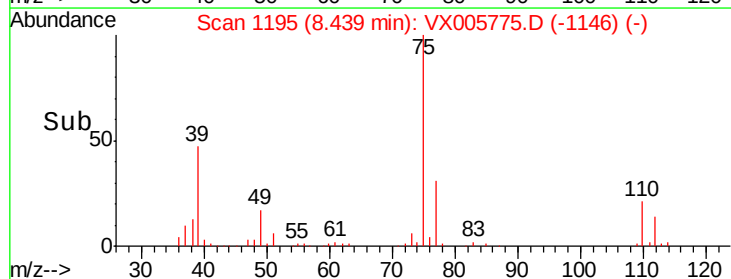
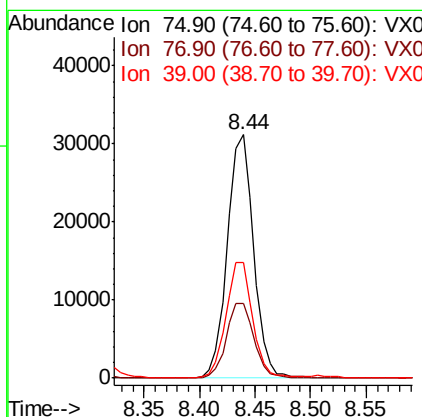
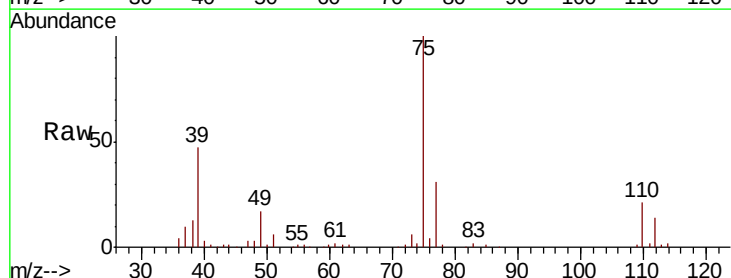
Instrument :
MSVOA_X
ClientSampleId :

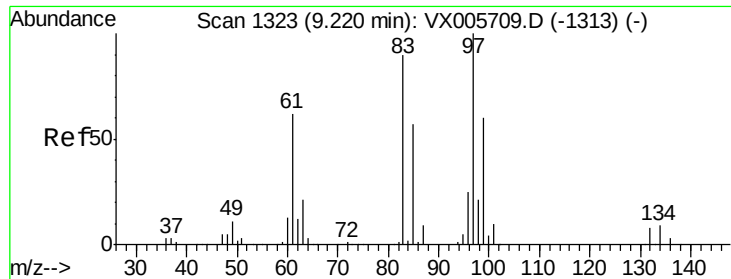
Tot Ion: 75 Resp: 46142
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.170 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion: 75 Resp: 51157
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 47.4 38.2 57.2

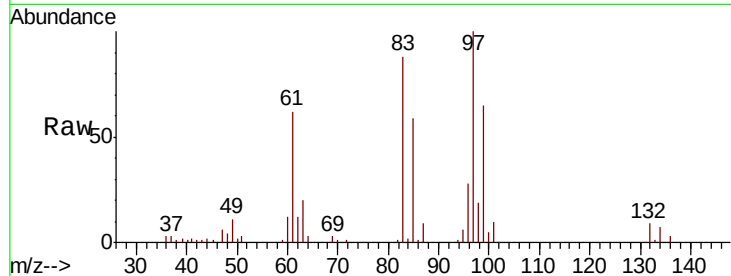




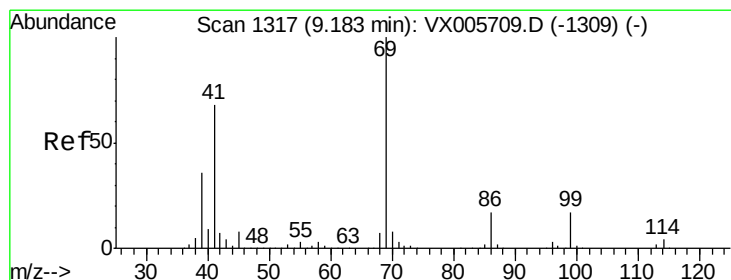
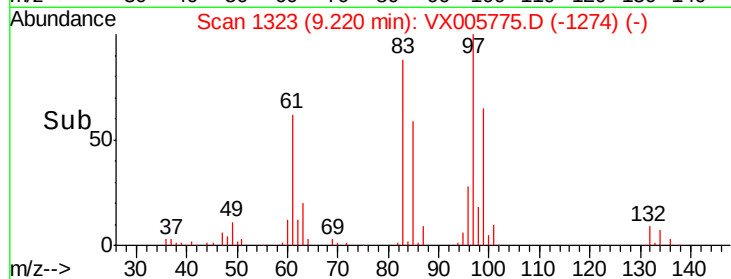
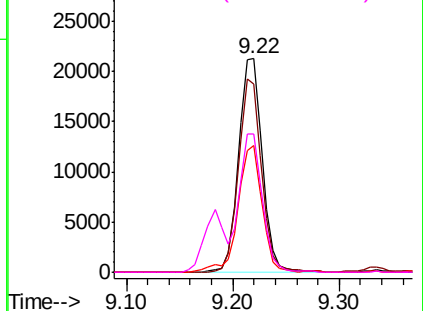
#55
 1,1,2-Trichloroethane
 Concen: 18.899 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 33213
 Ion Ratio Lower Upper
 97 100
 83 87.8 70.7 106.1
 85 59.2 45.8 68.6
 99 64.5 51.8 77.8

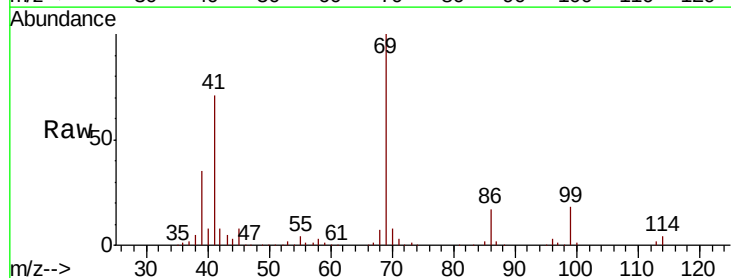


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

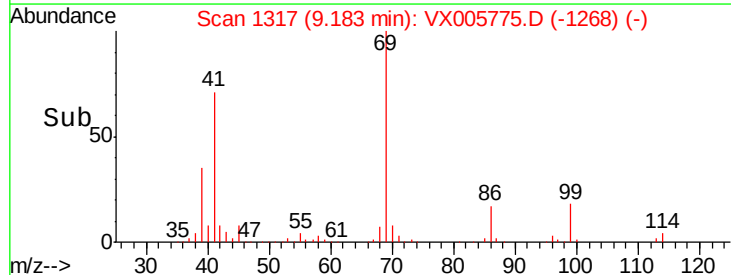
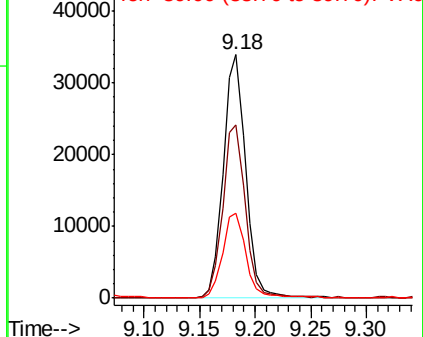


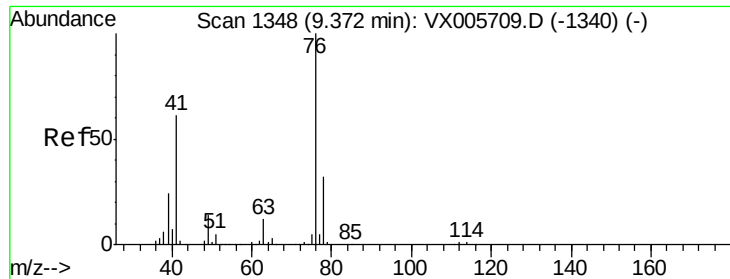
#56
 Ethyl methacrylate
 Concen: 17.603 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 69 Resp: 47489
 Ion Ratio Lower Upper
 69 100
 41 70.8 57.0 85.6
 39 37.3 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

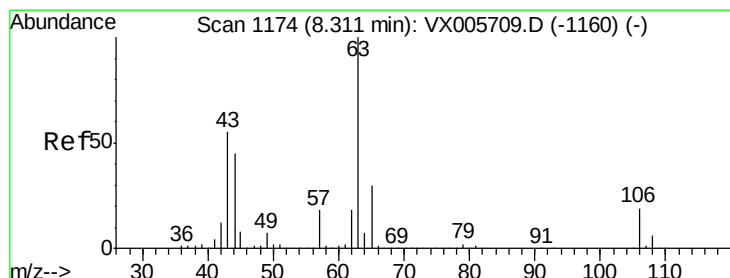
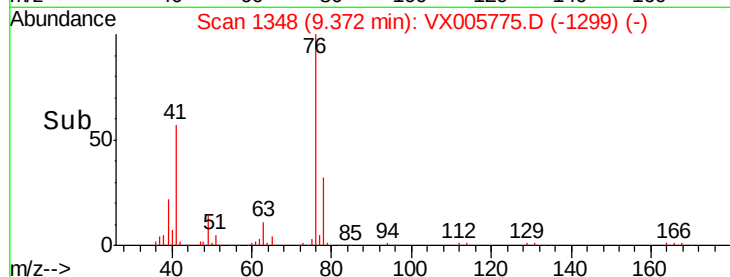
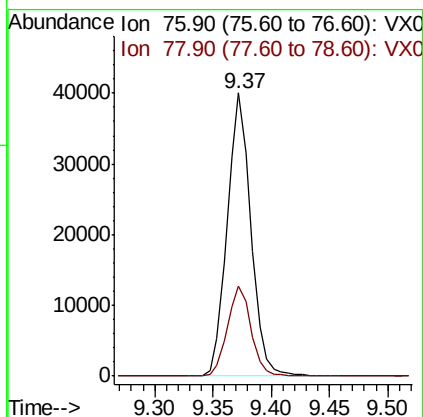
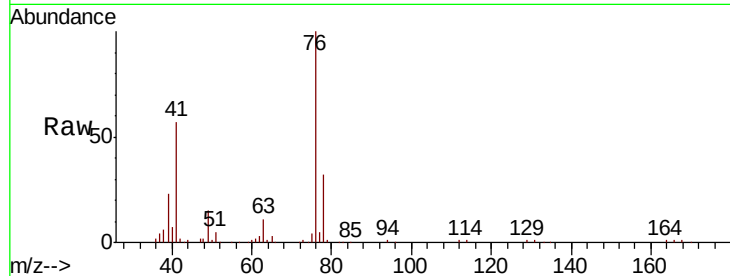




#57
 1,3-Dichloropropane
 Concen: 18.701 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

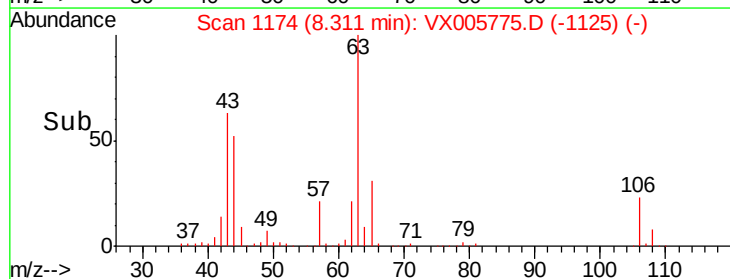
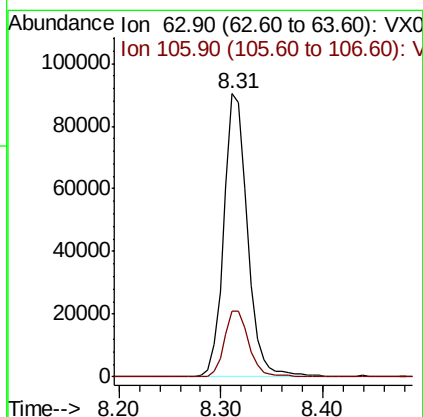
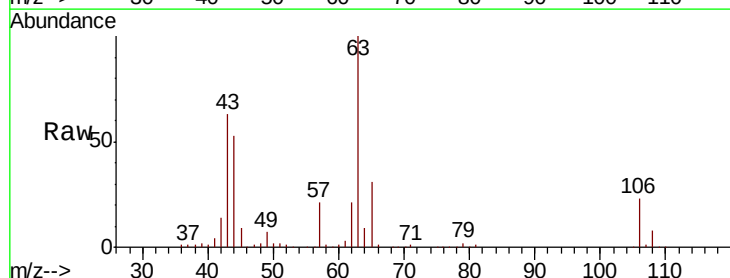
Instrument :
 MSVOA_X
 ClientSampled :

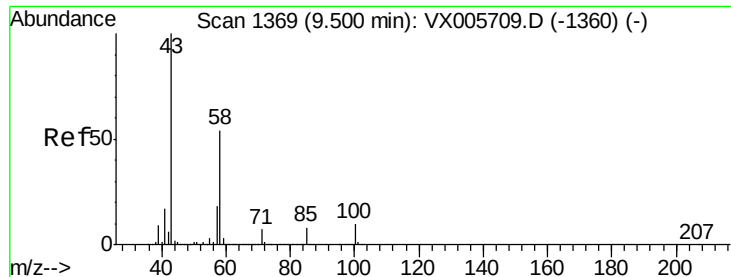
Tot Ion: 76 Resp: 56454
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.616 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 63 Resp: 145422
 Ion Ratio Lower Upper
 63 100
 106 24.1 21.3 31.9

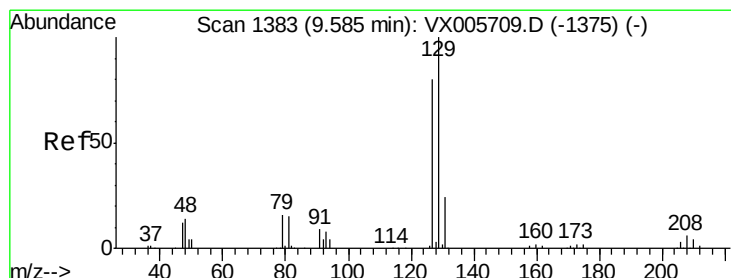
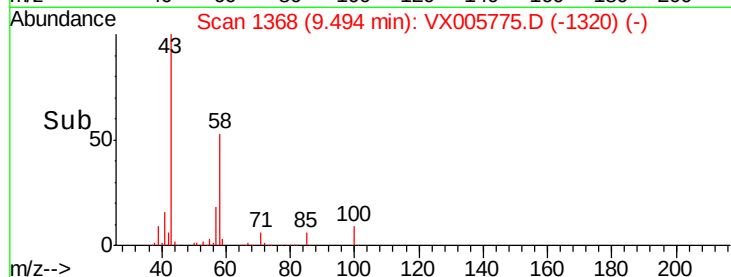
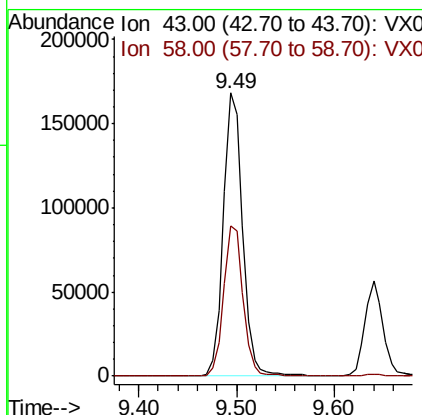
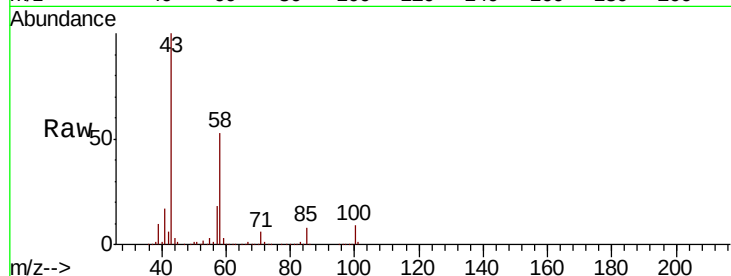




#59
2-Hexanone
Concen: 89.271 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

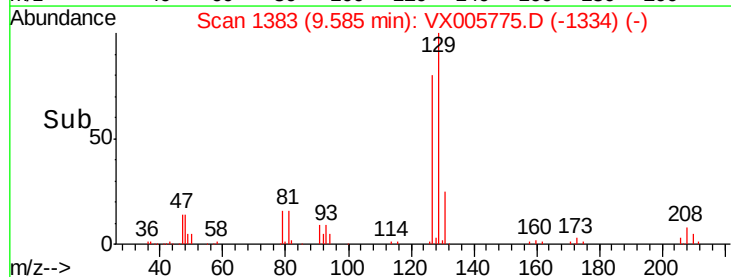
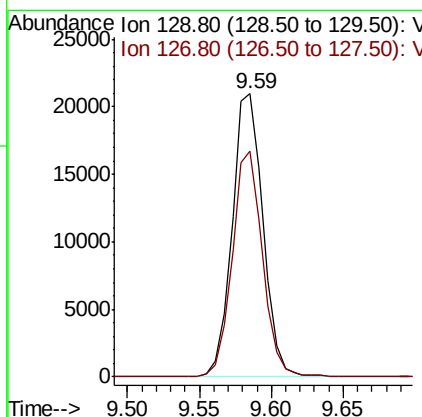
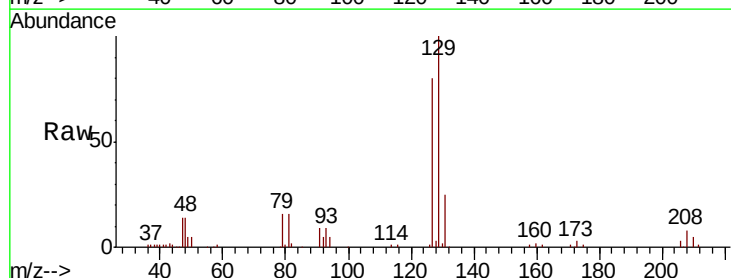
Instrument :
MSVOA_X
ClientSampleId :

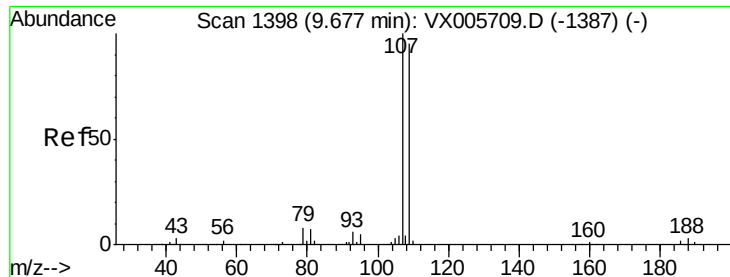
Tot Ion: 43 Resp: 230677
Ion Ratio Lower Upper
43 100
58 53.7 25.9 77.8



#60
Dibromochloromethane
Concen: 18.433 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion:129 Resp: 31303
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7

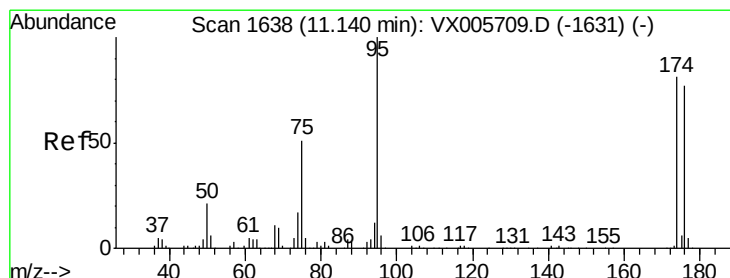
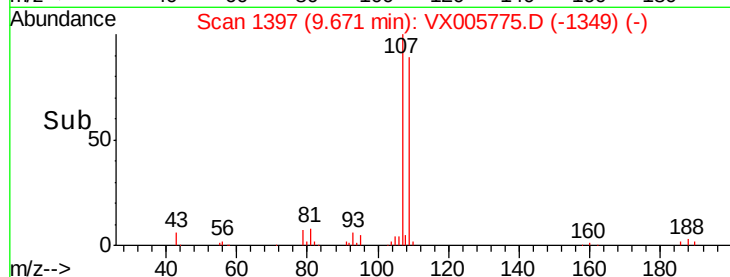
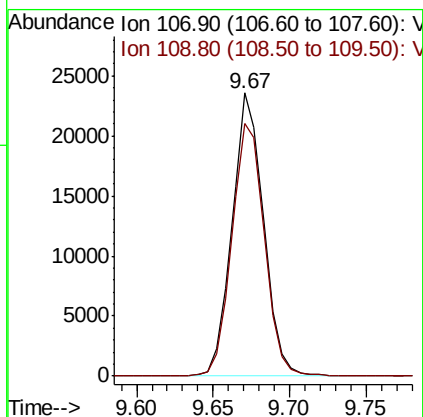
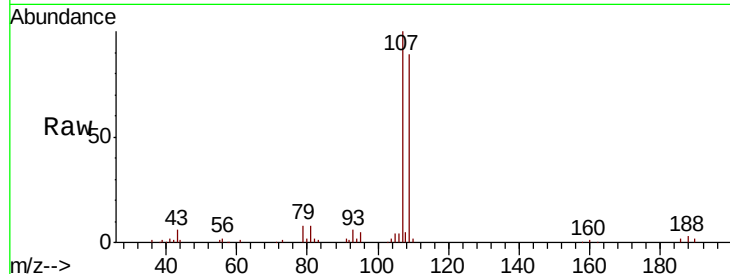




#61
 1,2-Dibromoethane
 Concen: 18.692 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

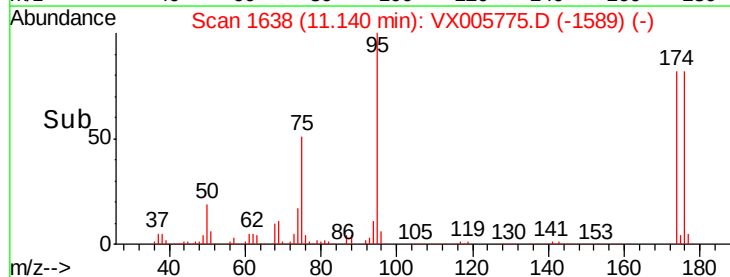
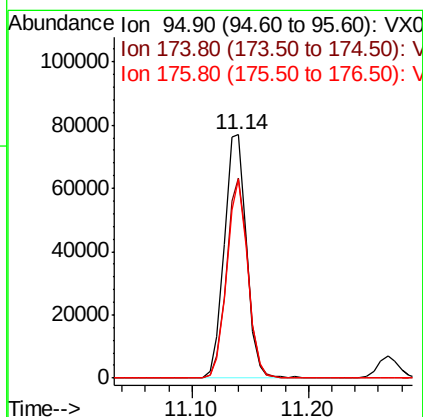
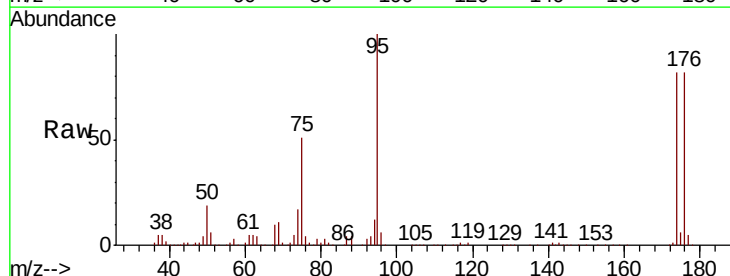
Instrument :
 MSVOA_X
 ClientSampleId :

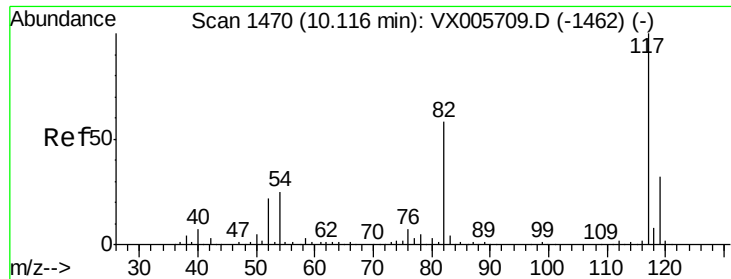
Tot Ion:107 Resp: 33473
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 47.874 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 95 Resp: 101282
 Ion Ratio Lower Upper
 95 100
 174 79.4 0.0 184.4
 176 77.3 0.0 177.4

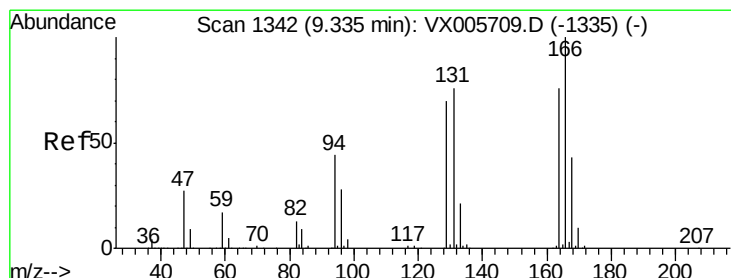
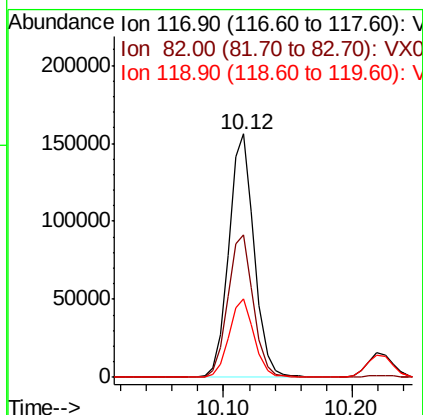
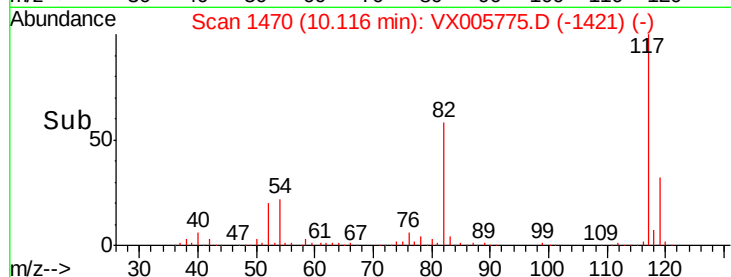
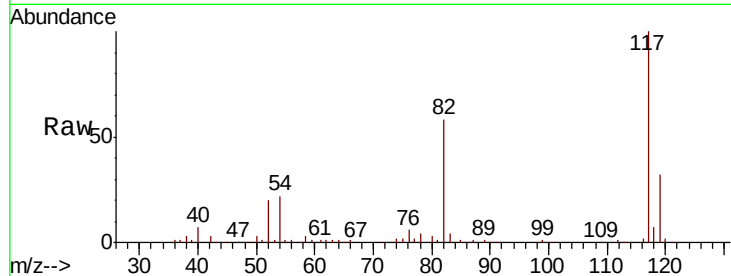




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

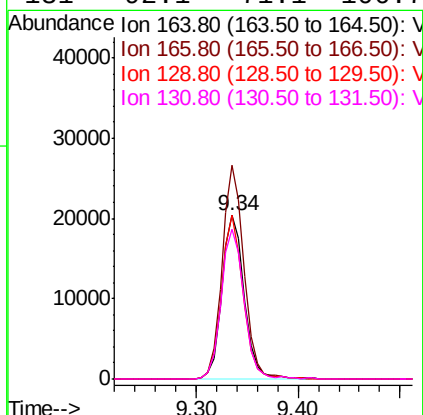
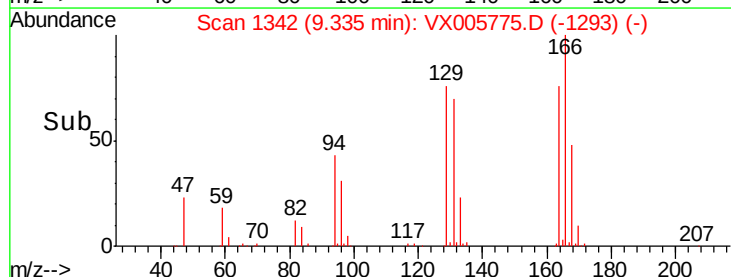
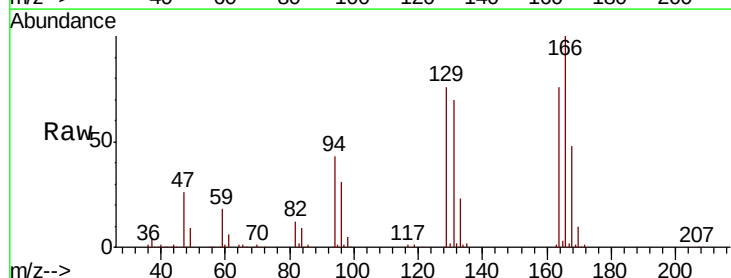
Instrument :
MSVOA_X
ClientSampled :

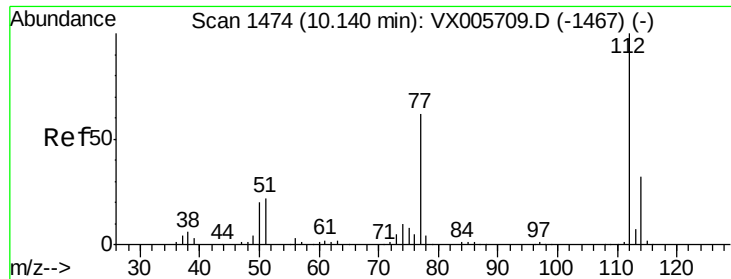
Tot Ion:117 Resp: 214970
Ion Ratio Lower Upper
117 100
82 58.4 44.1 66.1
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 19.653 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion:164 Resp: 30866
Ion Ratio Lower Upper
164 100
166 130.8 101.9 152.9
129 100.0 72.6 109.0
131 92.1 71.1 106.7

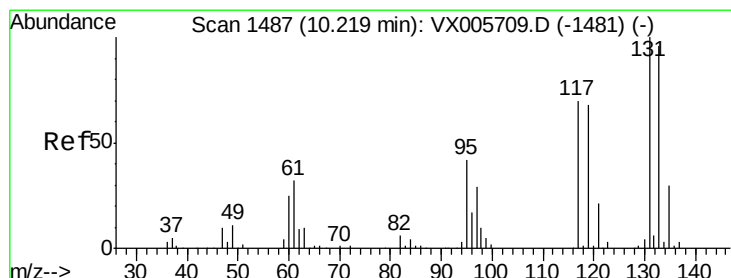
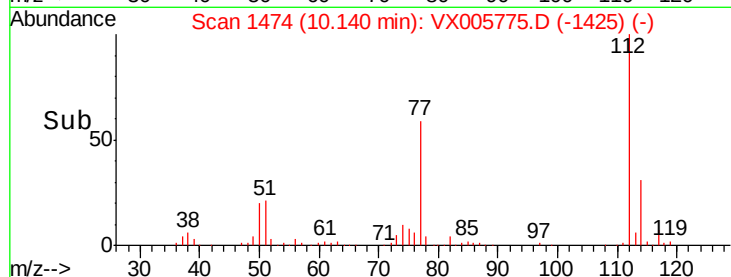
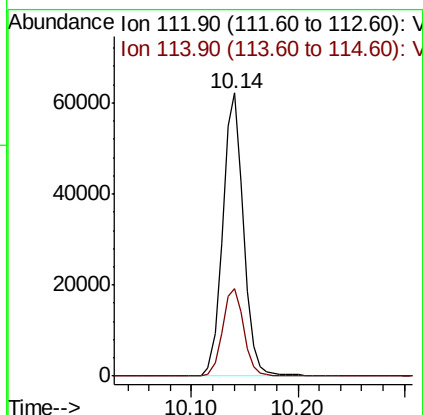
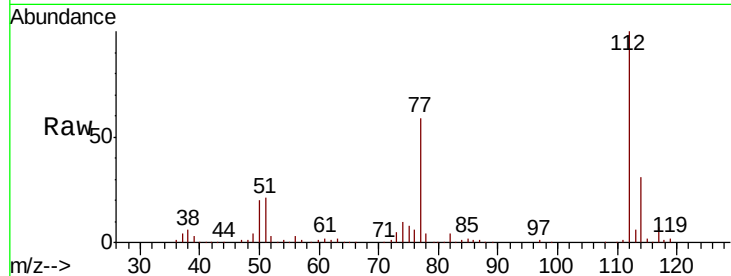




#65
Chlorobenzene
Concen: 18.566 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

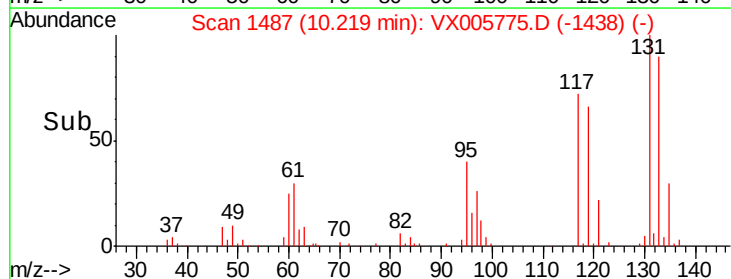
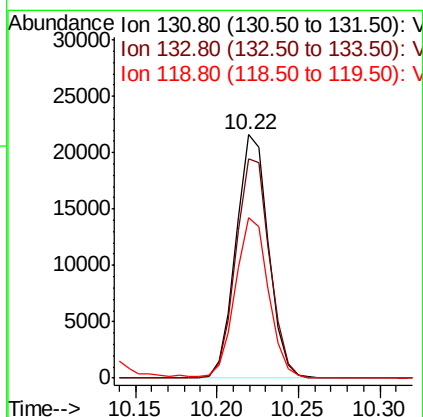
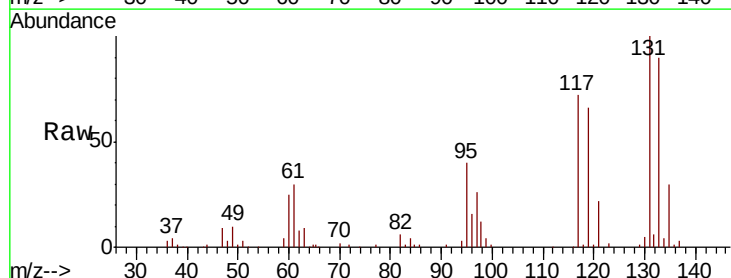
Instrument :
MSVOA_X
ClientSampleId :

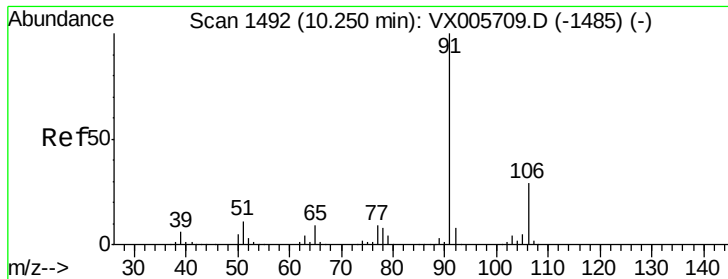
Tot Ion:112 Resp: 84813
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.197 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion:131 Resp: 30021
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.5
119 67.1 31.8 95.3





#67

Ethyl Benzene

Concen: 18.713 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

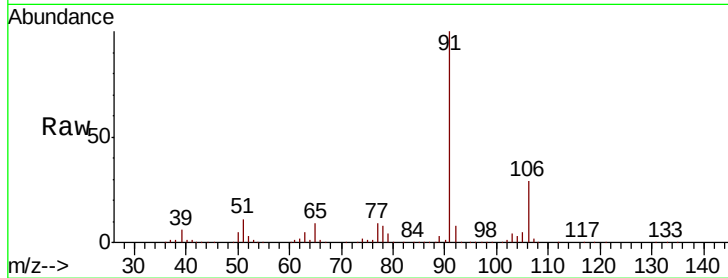
ClientSampleId :

Tot Ion: 91 Resp: 145893

Ion Ratio Lower Upper

91 100

106 29.0 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005709.D (-1485) (-)

200000

150000

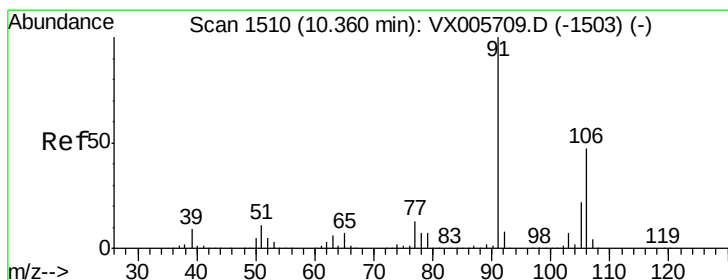
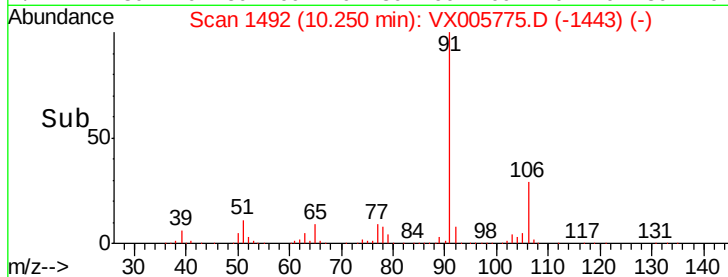
100000

50000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 38.189 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005775.D

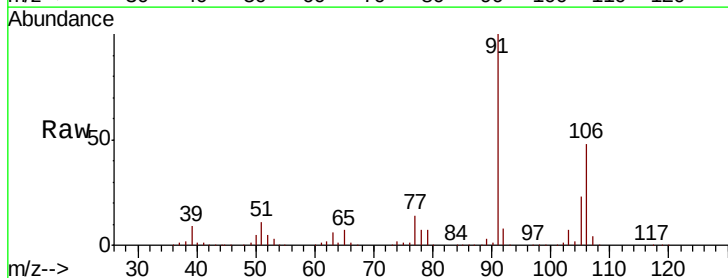
Acq: 05 Nov 2018 13:51

Tgt Ion: 106 Resp: 110633

Ion Ratio Lower Upper

106 100

91 210.5 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005709.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005709.D (-1503) (-)

200000

150000

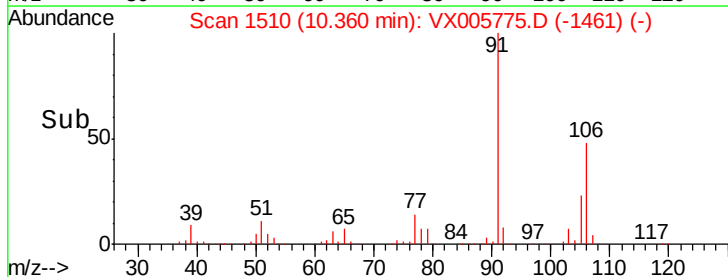
100000

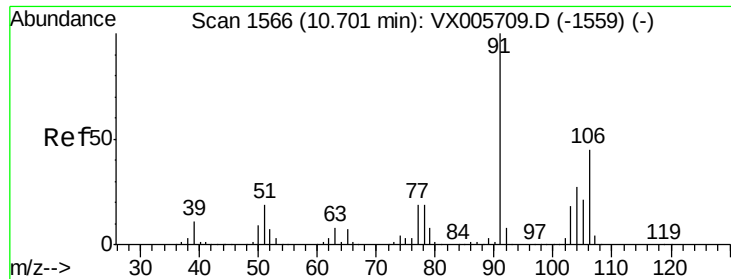
50000

0

10.30 10.36 10.40 10.50

Time-->

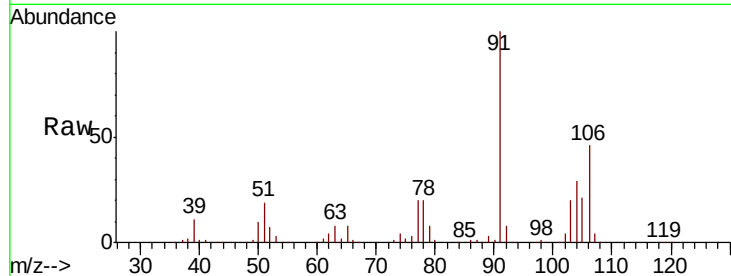




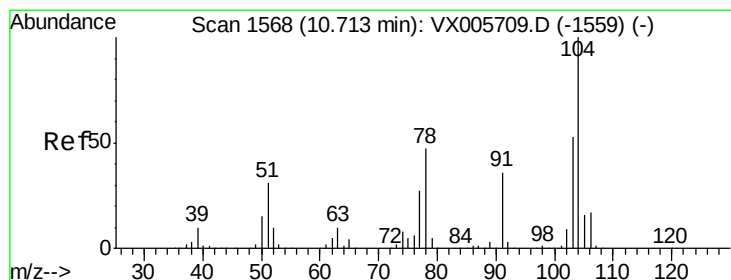
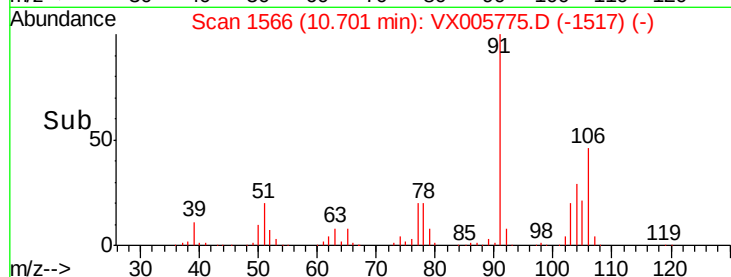
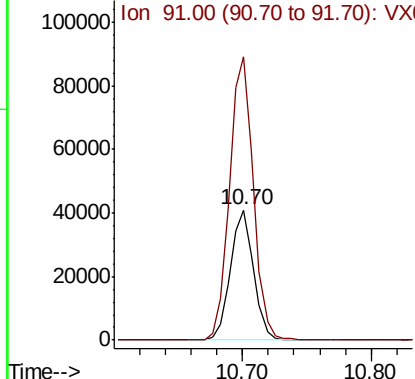
#69
o-Xylene
Concen: 18.707 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 51833
Ion Ratio Lower Upper
106 100
91 223.1 108.5 325.5

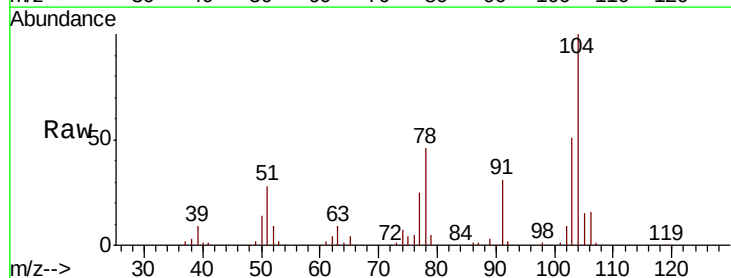


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

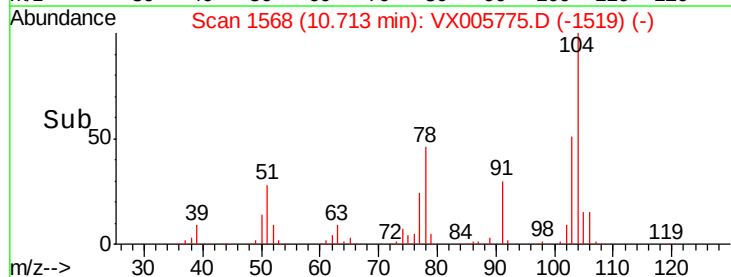
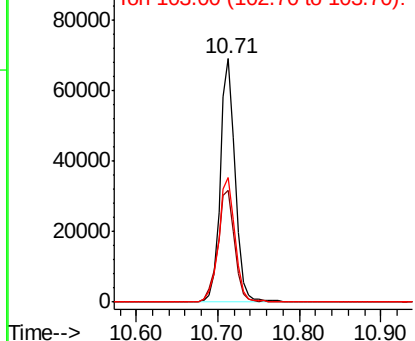


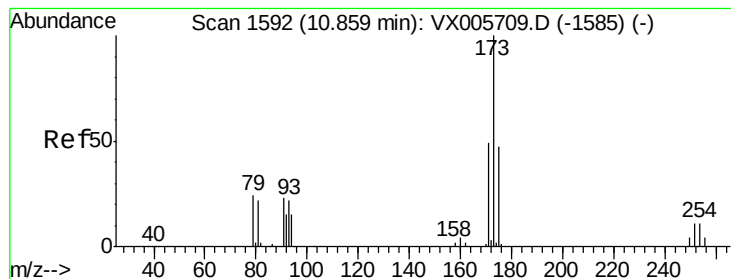
#70
Styrene
Concen: 19.278 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion:104 Resp: 88716
Ion Ratio Lower Upper
104 100
78 52.4 40.2 60.4
103 56.6 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: 18.110 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

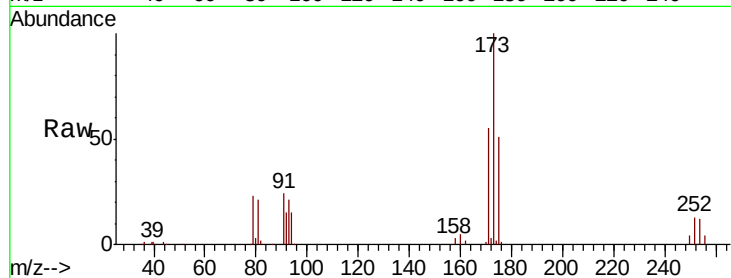
Tot Ion:173 Resp: 22946

Ion Ratio Lower Upper

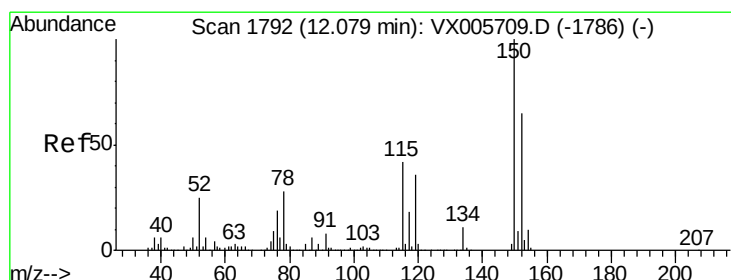
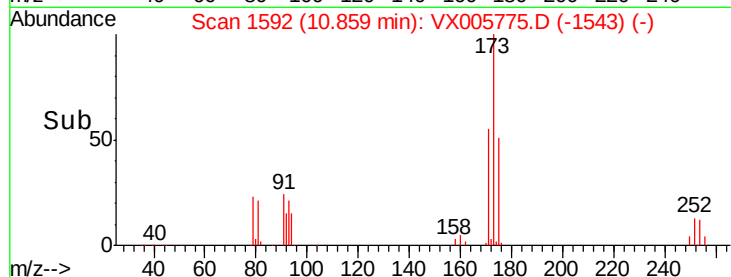
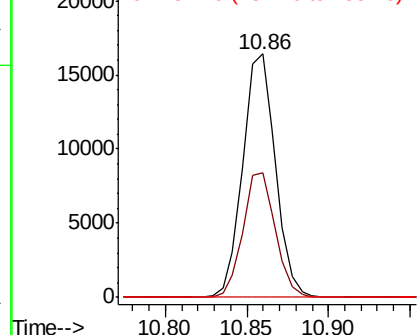
173 100

175 50.7 24.8 74.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

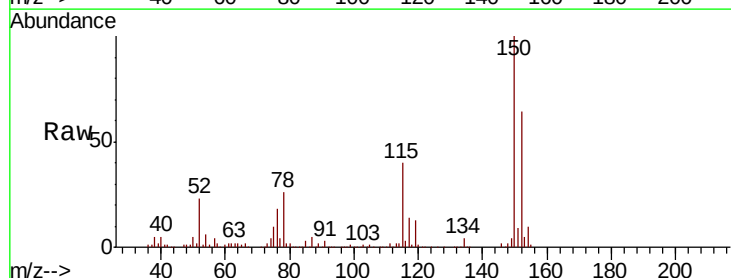
Tgt Ion:152 Resp: 111472

Ion Ratio Lower Upper

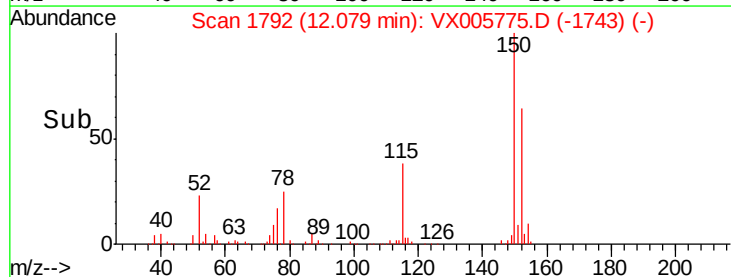
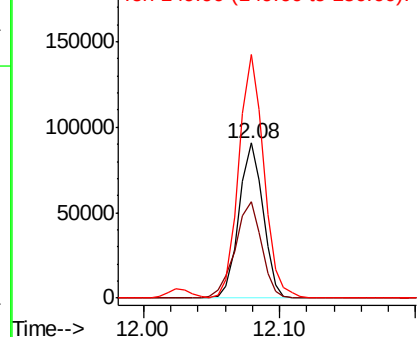
152 100

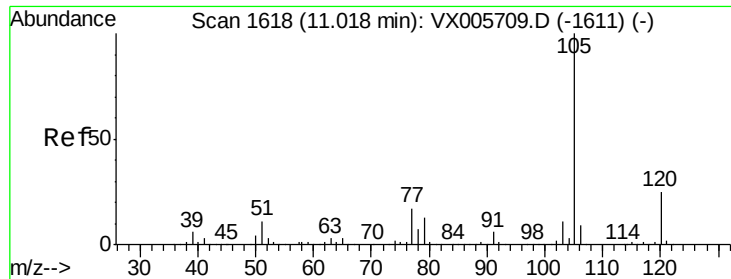
115 68.9 39.4 118.1

150 163.3 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: 19.623 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

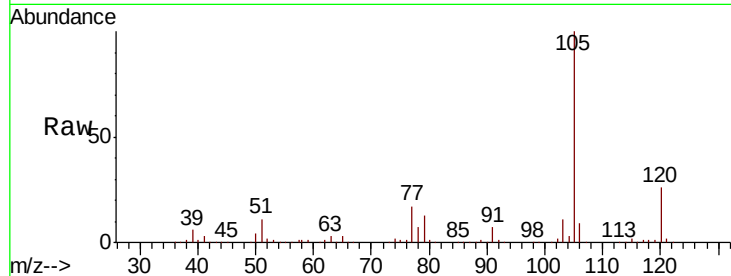
ClientSampleId :

Tot Ion:105 Resp: 144308

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

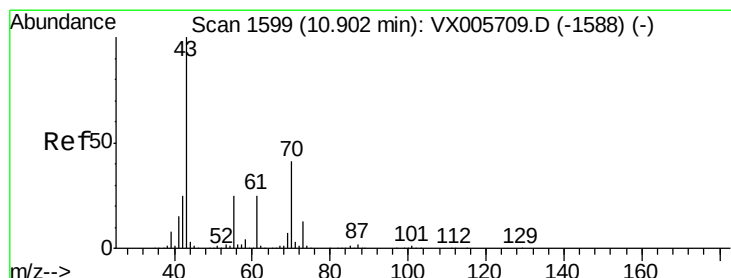
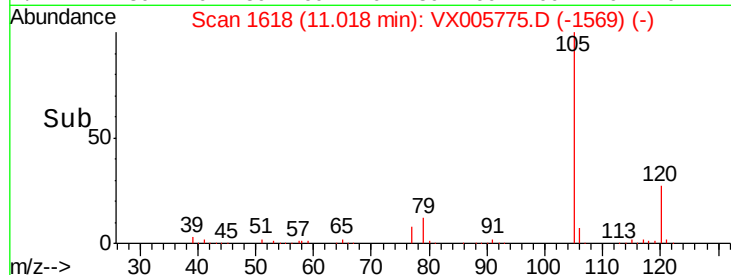
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 17.810 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Tgt Ion: 43 Resp: 69733

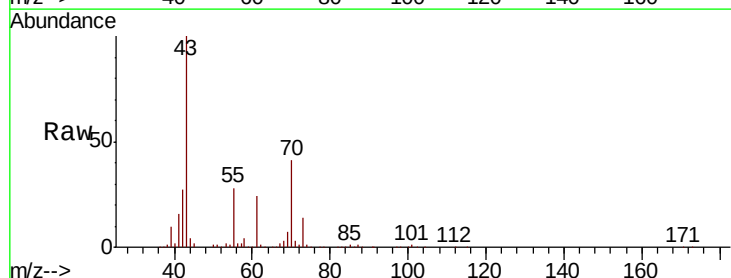
Ion Ratio Lower Upper

43 100

70 40.5 31.6 47.4

55 27.8 19.7 29.5

61 24.1 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

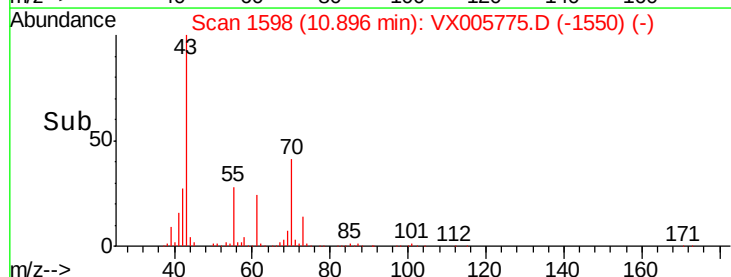
40000

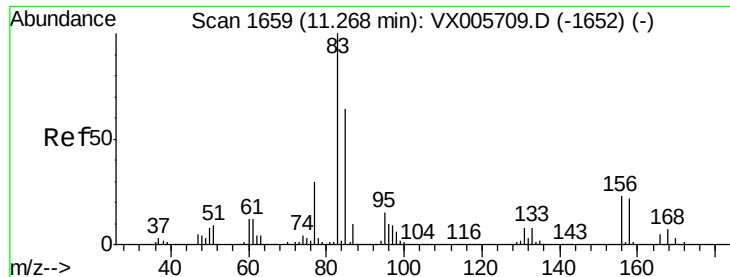
20000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 18.417 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005775.D

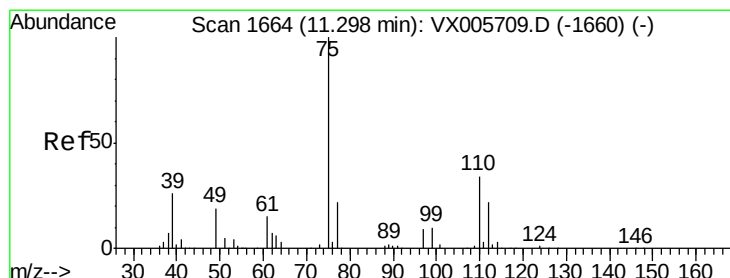
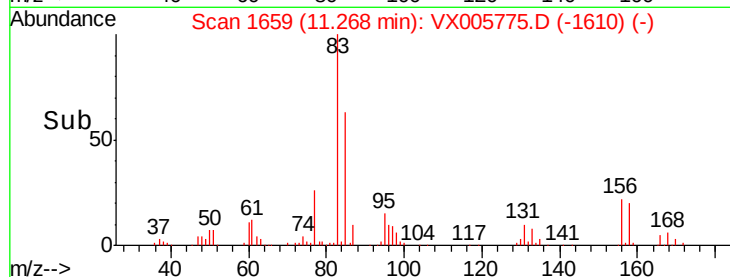
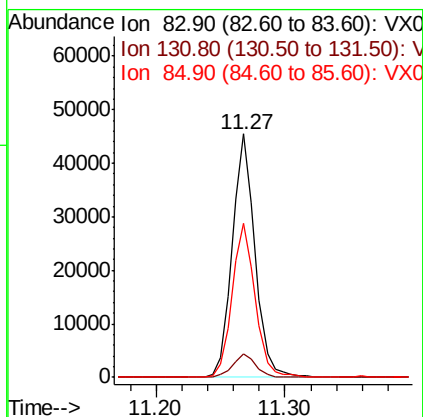
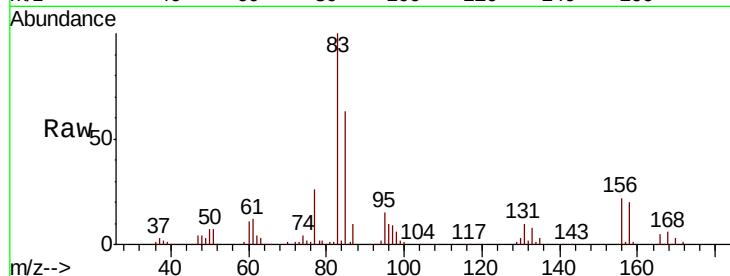
Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	83	Resp:	56191
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.3	15.9
85	64.1	32.0	96.2



#76

1,2,3-Trichloropropane

Concen: 23.164 ug/l

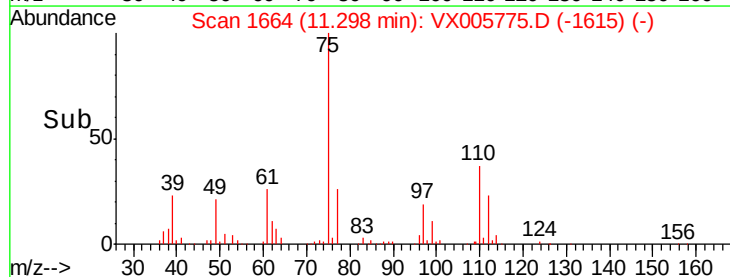
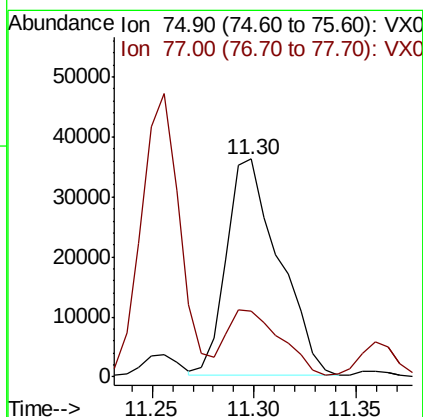
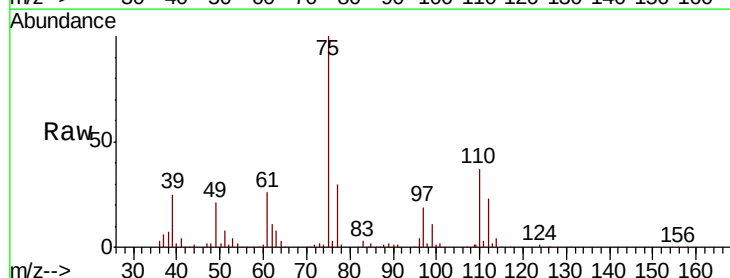
RT: 11.30 min Scan# 1664

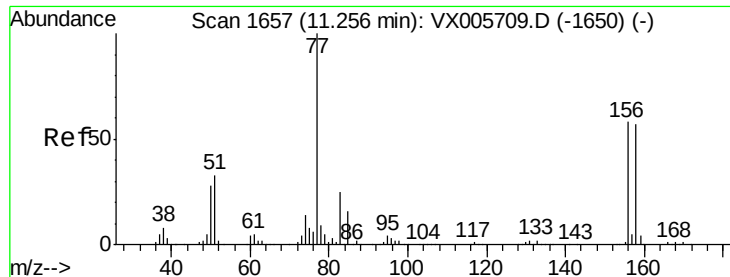
Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Tgt Ion:	75	Resp:	64311
Ion	Ratio	Lower	Upper
75	100		
77	31.8	20.5	61.6





#77

Bromobenzene

Concen: 19.843 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

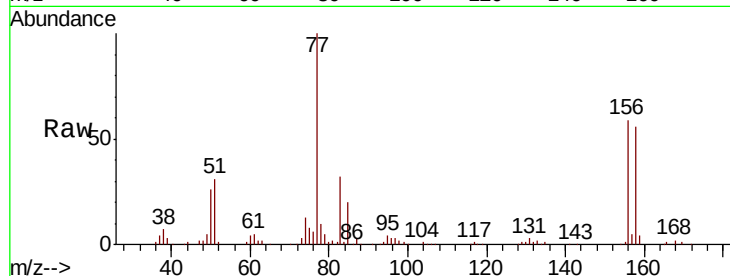
Tot Ion:156 Resp: 36201

Ion Ratio Lower Upper

156 100

77 171.8 74.8 224.4

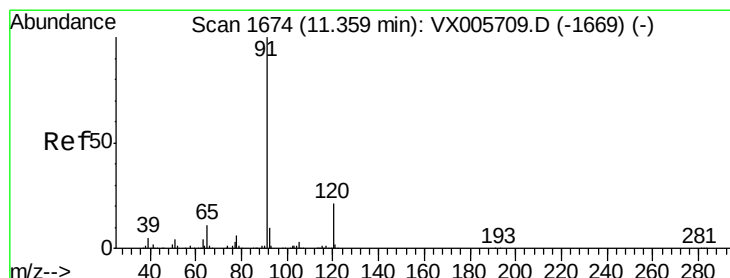
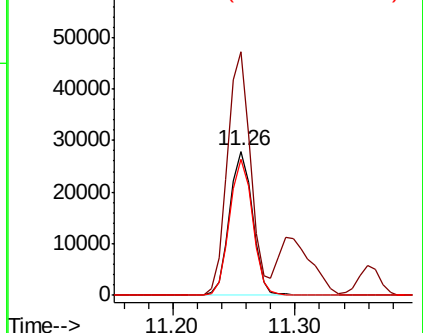
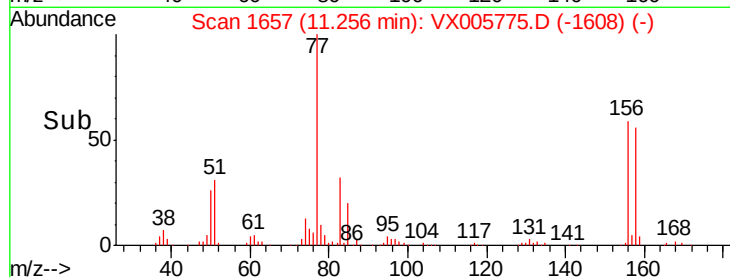
158 95.0 49.1 147.3



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: 19.522 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005775.D

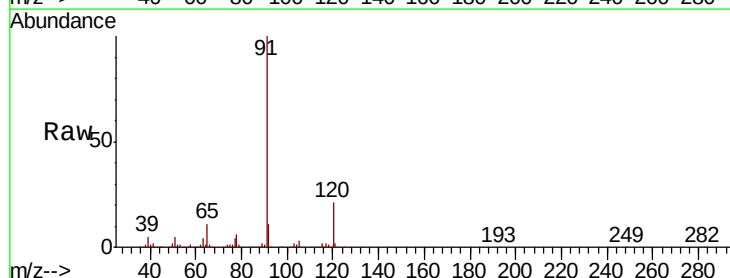
Acq: 05 Nov 2018 13:51

Tgt Ion: 91 Resp: 174650

Ion Ratio Lower Upper

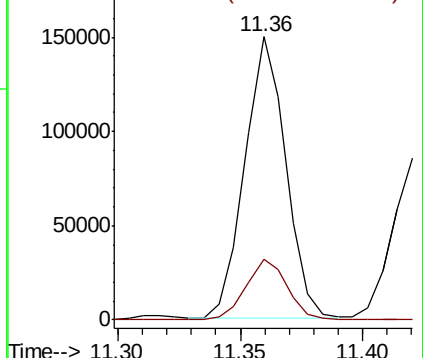
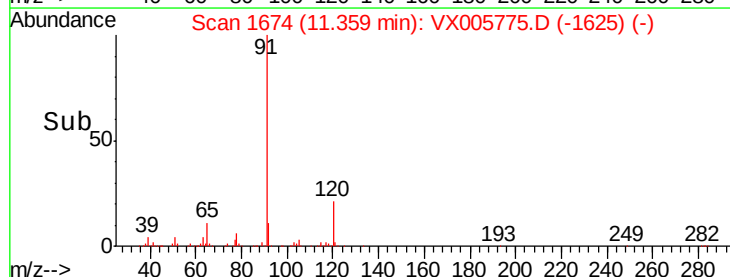
91 100

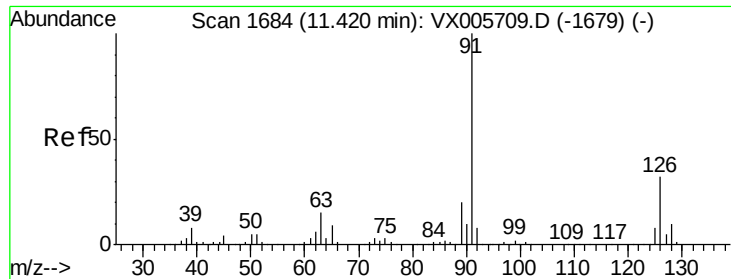
120 21.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

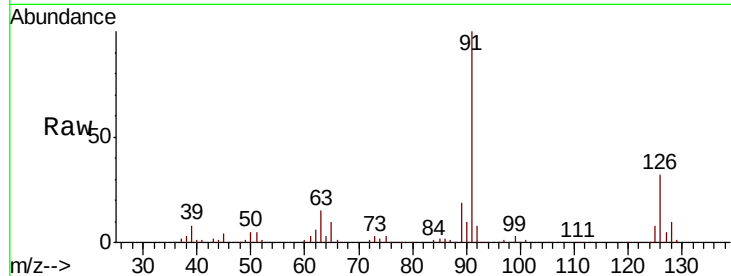




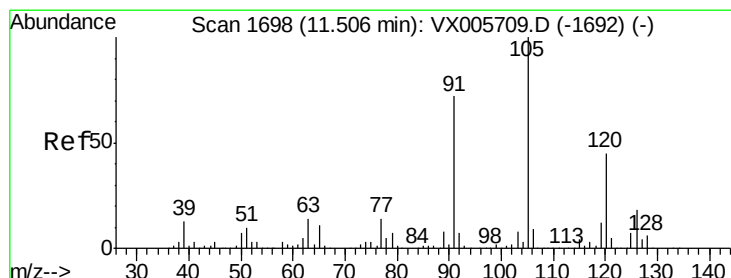
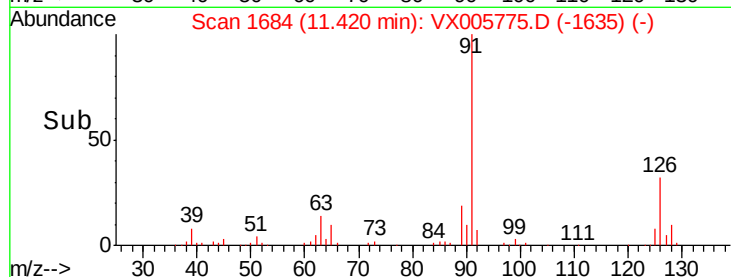
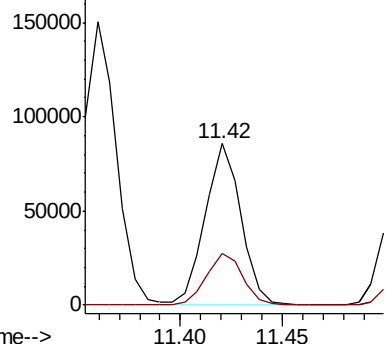
#79
 2-Chlorotoluene
 Concen: 19.352 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 103406
 Ion Ratio Lower Upper
 91 100
 126 32.9 17.3 52.0

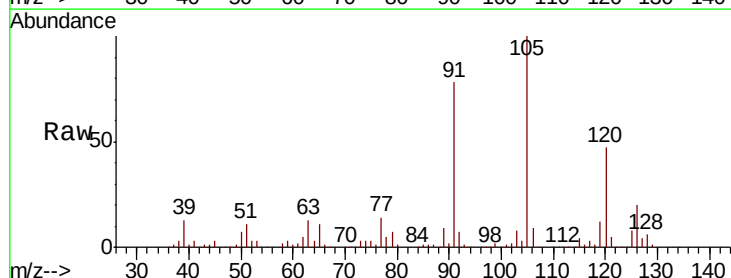


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

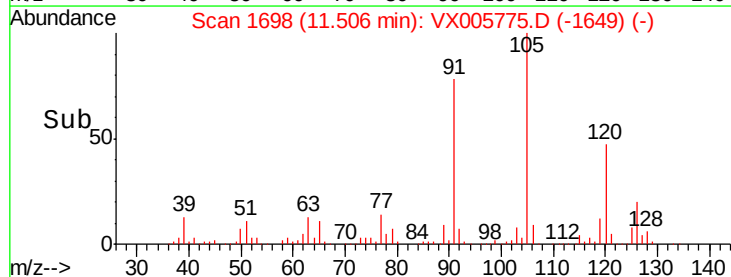
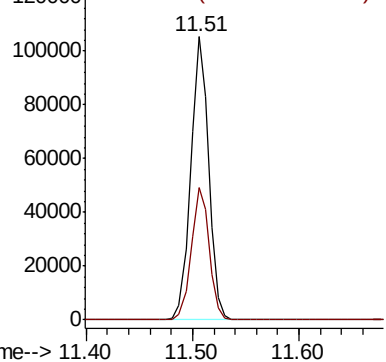


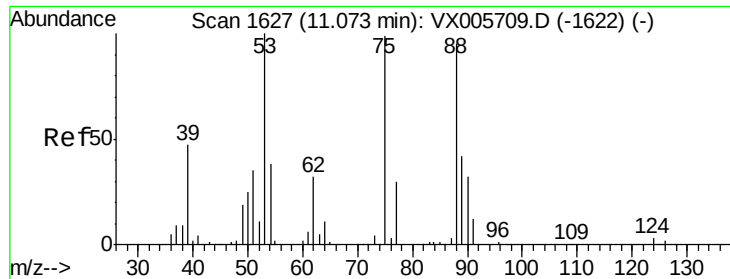
#80
 1,3,5-Trimethylbenzene
 Concen: 19.746 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 105 Resp: 123300
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.1 72.2



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

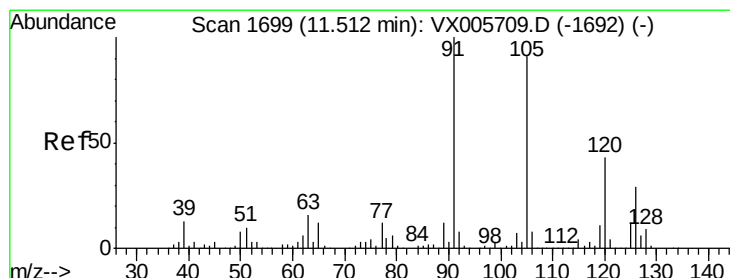
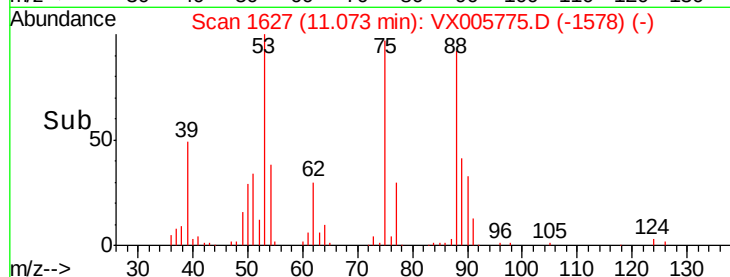
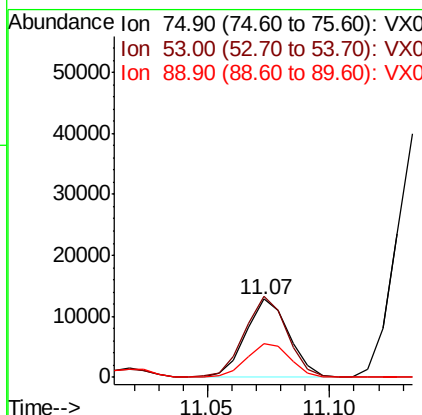
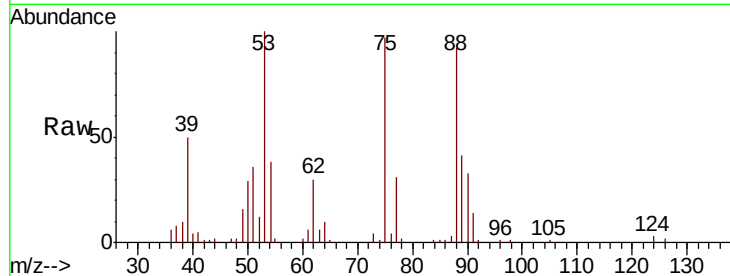




#81
trans-1,4-Dichloro-2-butene
Concen: 18.168 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

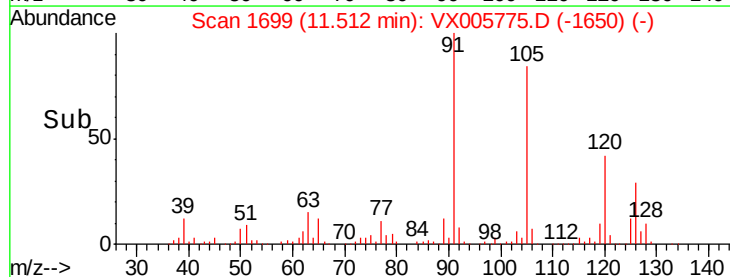
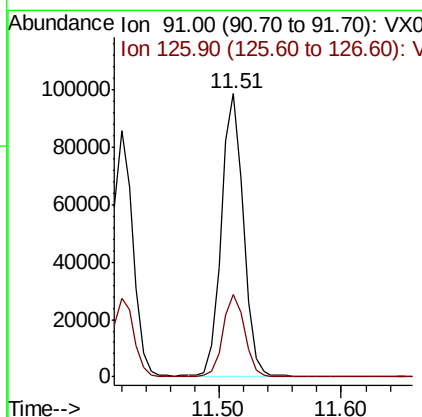
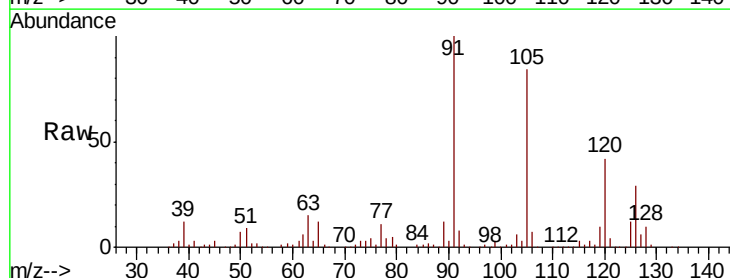
Instrument :
MSVOA_X
ClientSampleId :

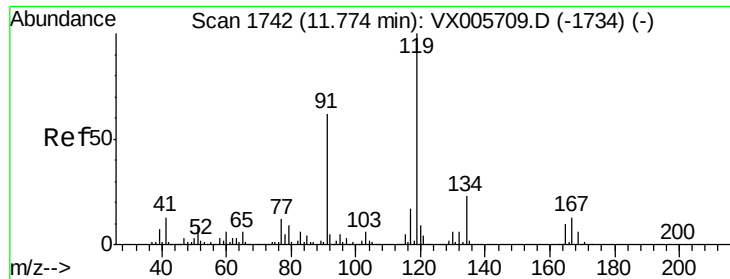
Tot Ion: 75 Resp: 15612
Ion Ratio Lower Upper
75 100
53 102.3 80.2 120.2
89 45.2 39.8 59.8



#82
4-Chlorotoluene
Concen: 19.333 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion: 91 Resp: 123331
Ion Ratio Lower Upper
91 100
126 28.8 15.2 45.6

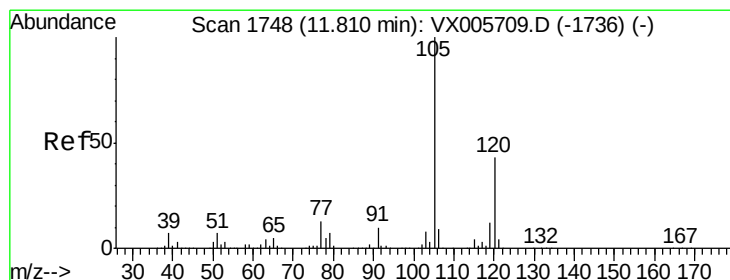
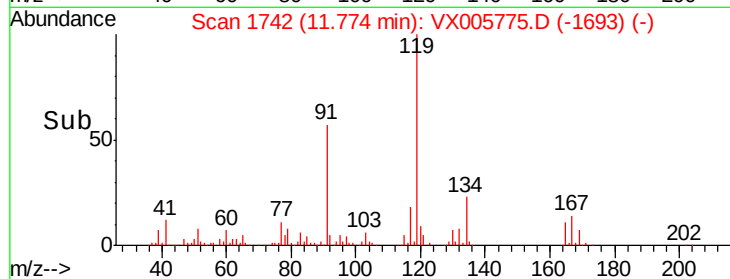
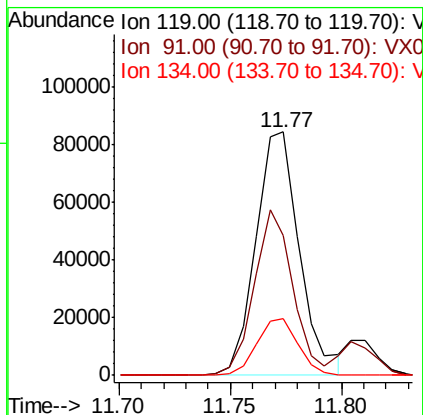
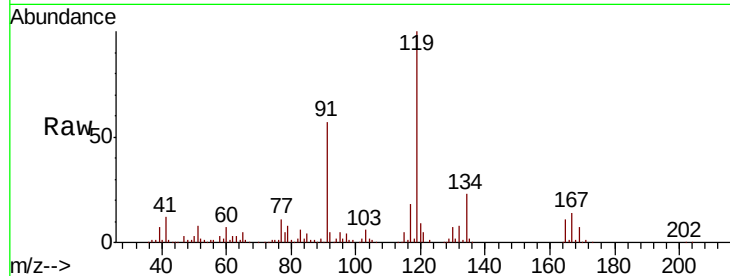




#83
 tert-Butylbenzene
 Concen: 19.444 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

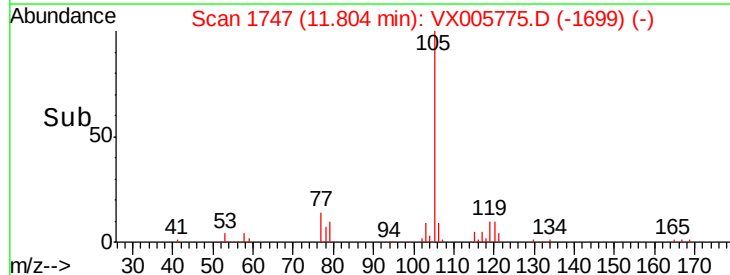
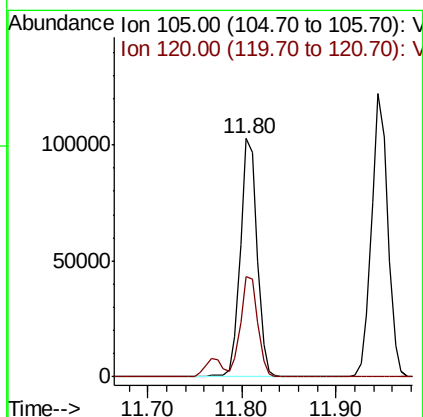
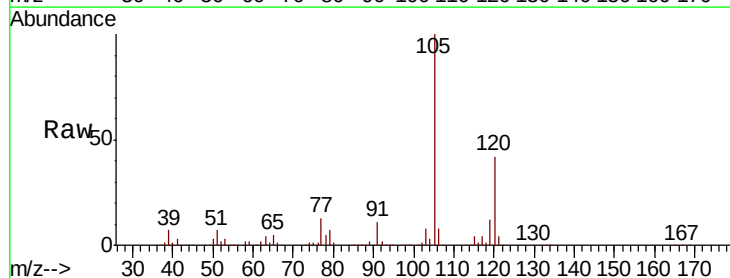
Instrument :
 MSVOA_X
 ClientSampled :

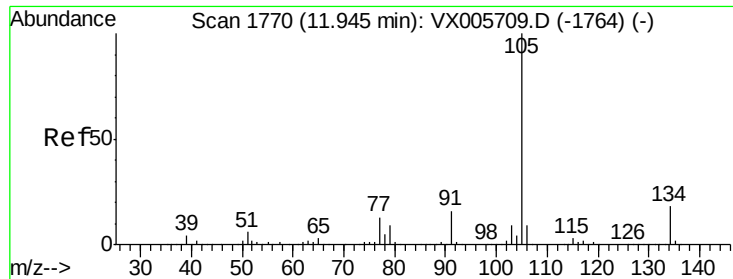
Tot Ion:119 Resp: 115851
 Ion Ratio Lower Upper
 119 100
 91 60.0 28.5 85.5
 134 22.0 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.201 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion:105 Resp: 127380
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.4 67.0





#85

sec-Butylbenzene

Concen: 19.163 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

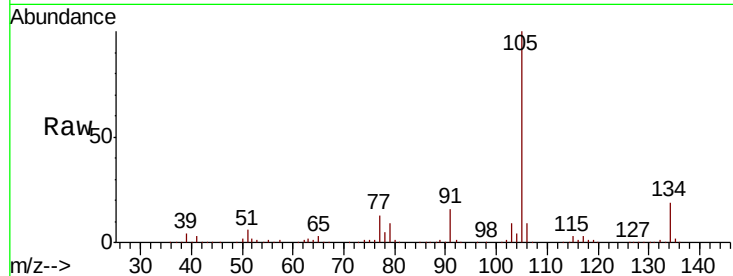
ClientSampleId :

Tot Ion:105 Resp: 146458

Ion Ratio Lower Upper

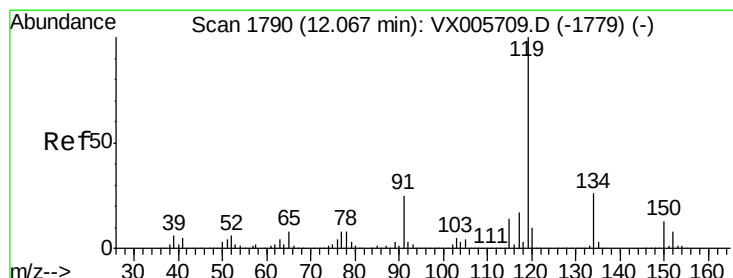
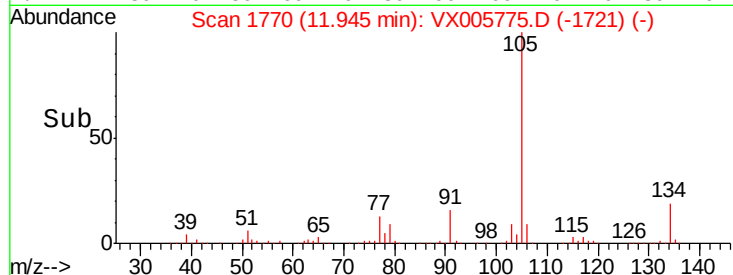
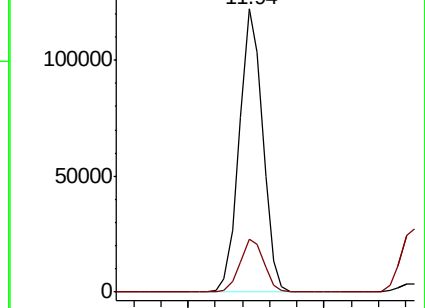
105 100

134 19.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.515 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

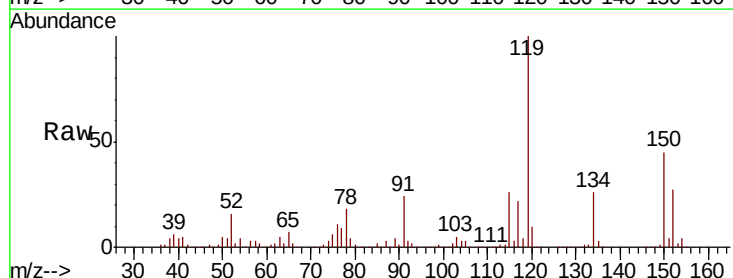
Tgt Ion:119 Resp: 126846

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

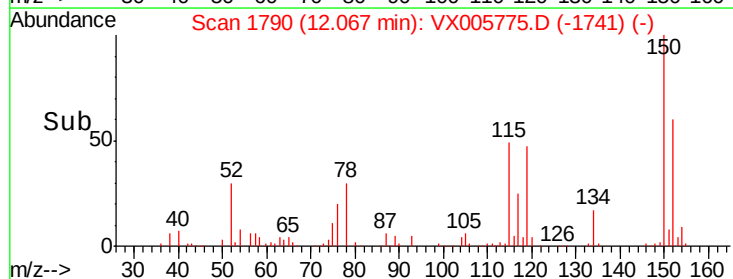
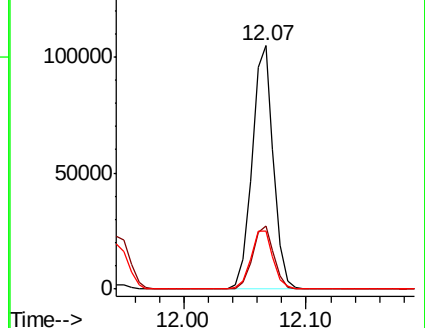
91 25.1 11.4 34.2

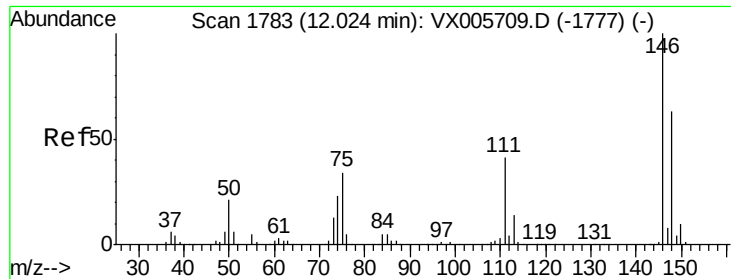


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

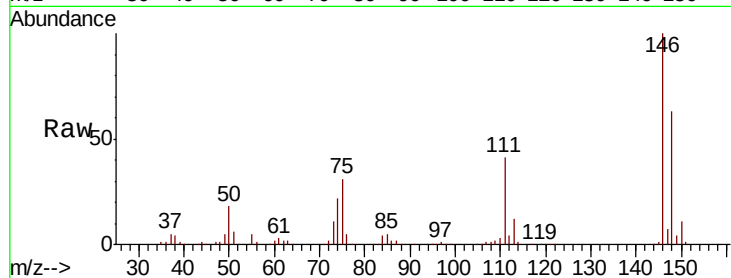




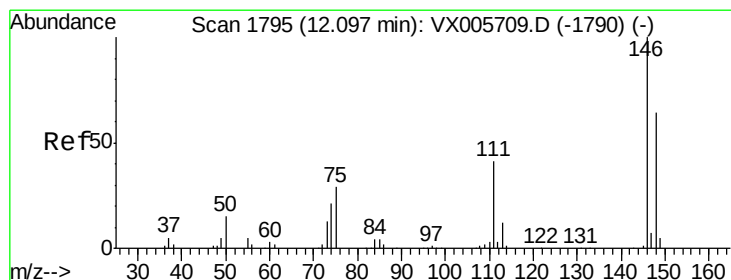
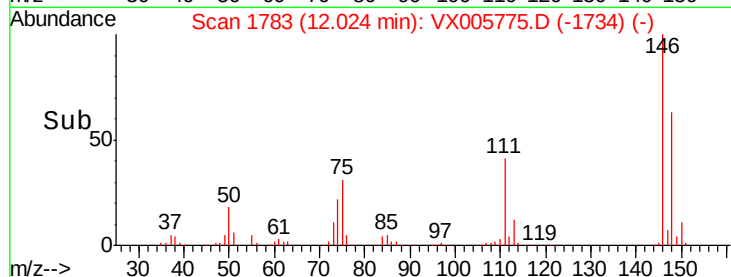
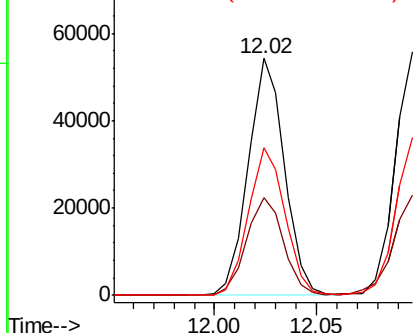
#87
 1,3-Dichlorobenzene
 Concen: 19.029 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 67124
 Ion Ratio Lower Upper
 146 100
 111 42.1 19.0 57.0
 148 63.0 31.9 95.9

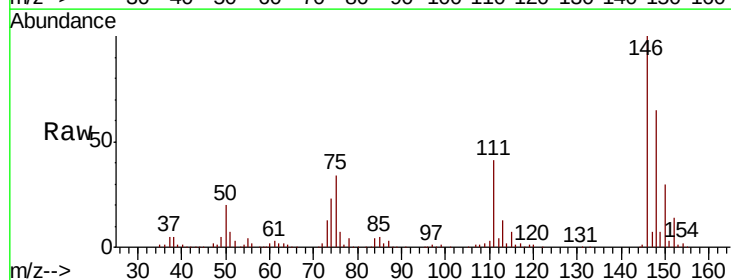


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

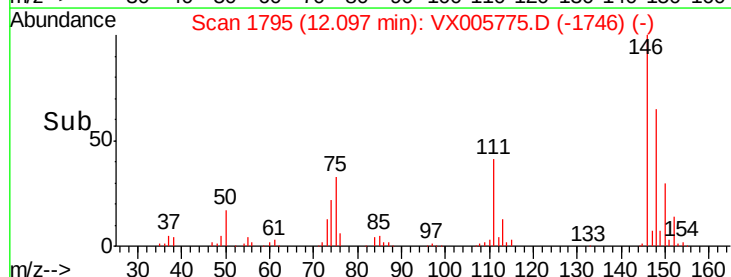
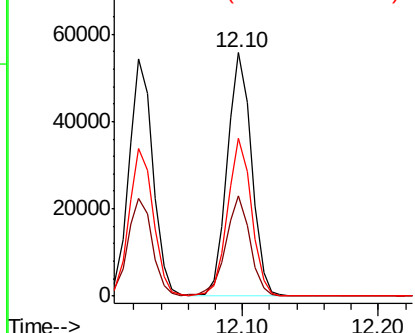


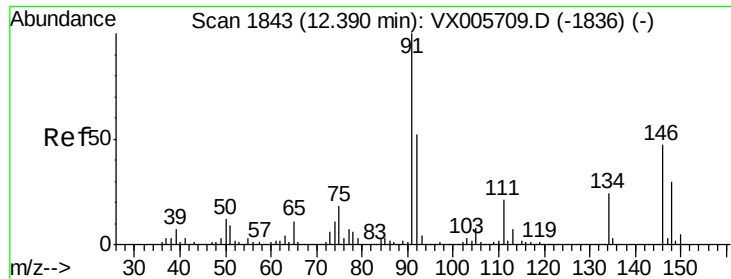
#88
 1,4-Dichlorobenzene
 Concen: 18.275 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion:146 Resp: 69252
 Ion Ratio Lower Upper
 146 100
 111 41.3 18.6 55.8
 148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.343 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampled :

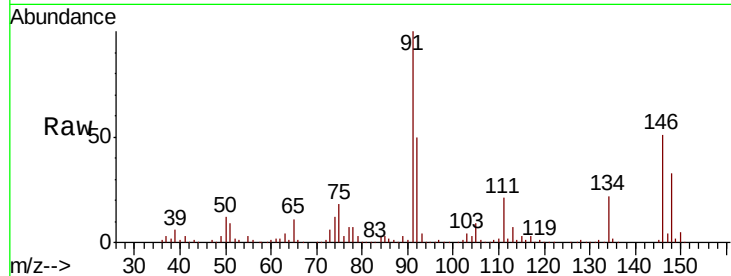
Tot Ion: 91 Resp: 120299

Ion Ratio Lower Upper

91 100

92 50.6 26.1 78.2

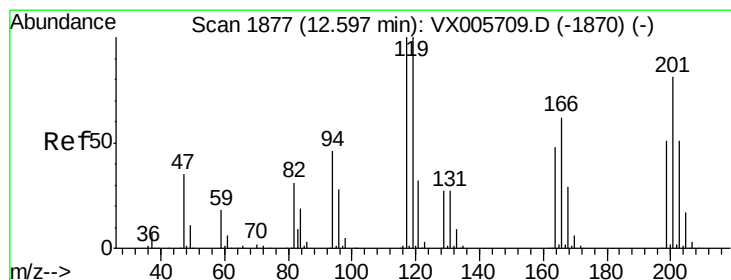
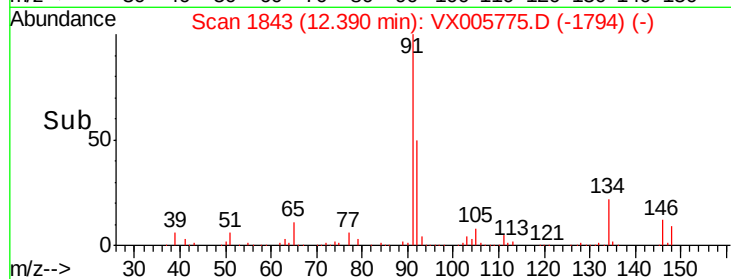
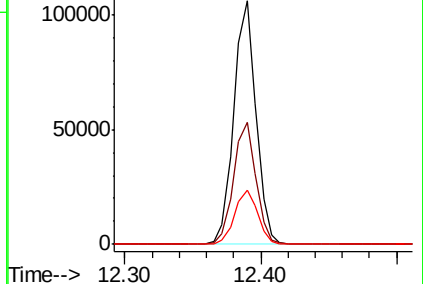
134 23.0 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005709.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005709.D (-1836) (-)



#90

Hexachloroethane

Concen: 18.010 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX005775.D

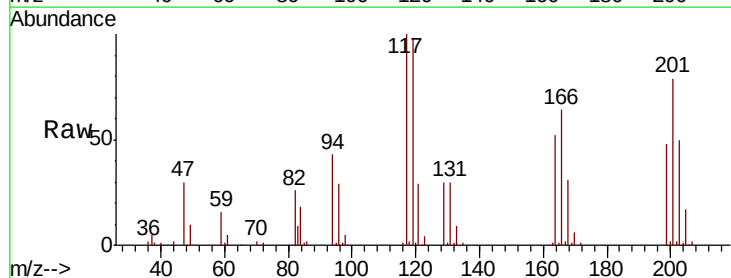
Acq: 05 Nov 2018 13:51

Tgt Ion: 117 Resp: 20769

Ion Ratio Lower Upper

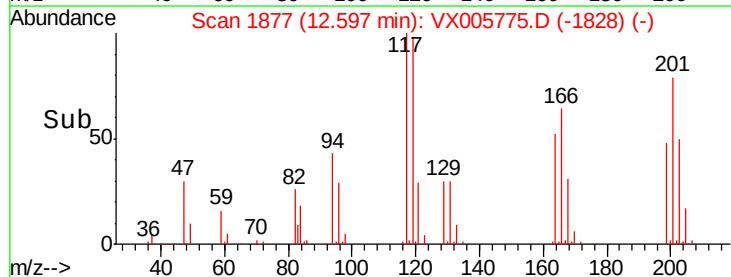
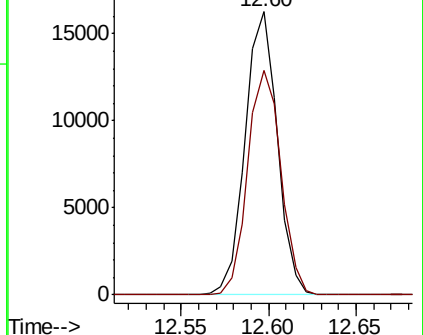
117 100

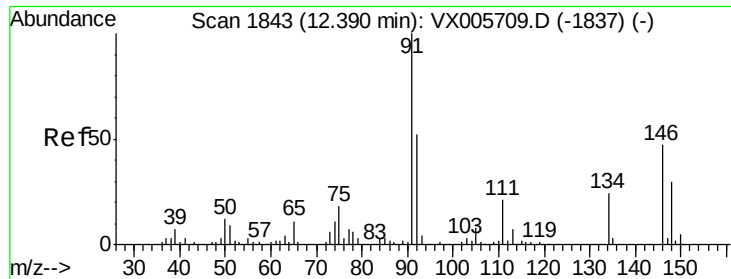
201 82.0 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005709.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005709.D (-1870) (-)





#91

1,2-Dichlorobenzene

Concen: 18.340 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

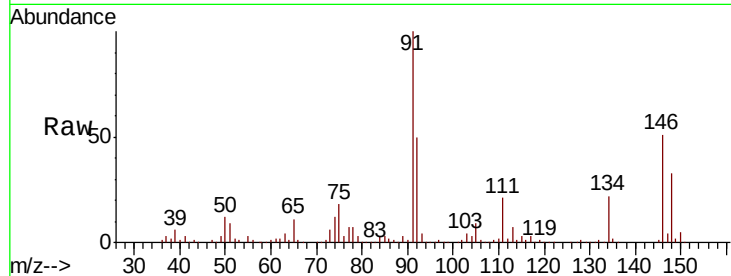
Tot Ion:146 Resp: 67588

Ion Ratio Lower Upper

146 100

111 42.6 20.0 59.9

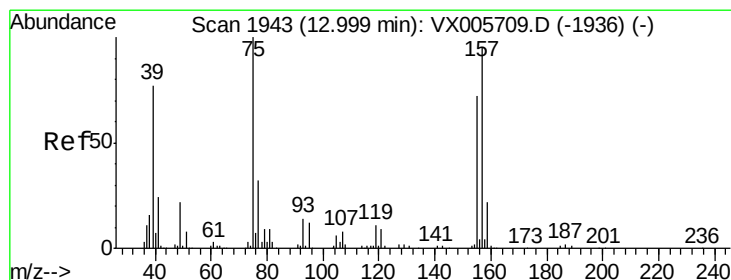
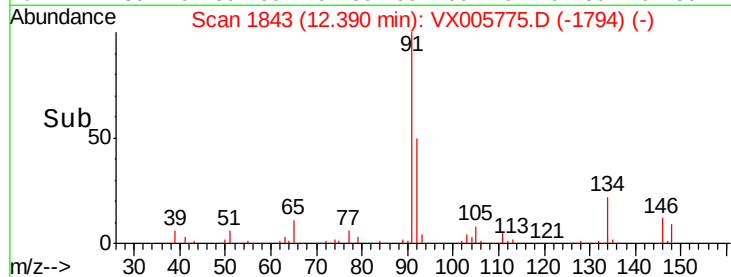
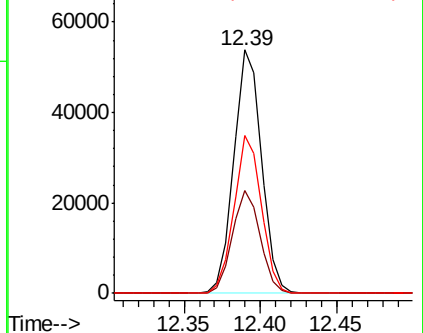
148 64.3 32.2 96.6



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: 17.832 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

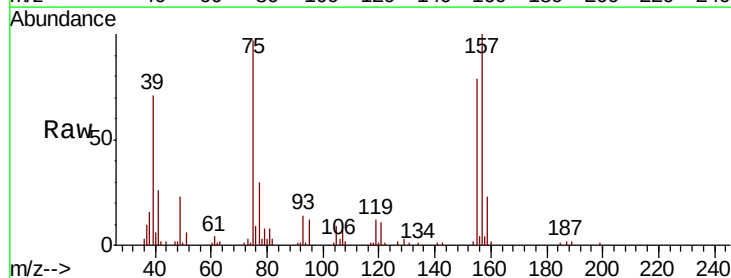
Tgt Ion: 75 Resp: 12761

Ion Ratio Lower Upper

75 100

155 80.0 45.4 136.1

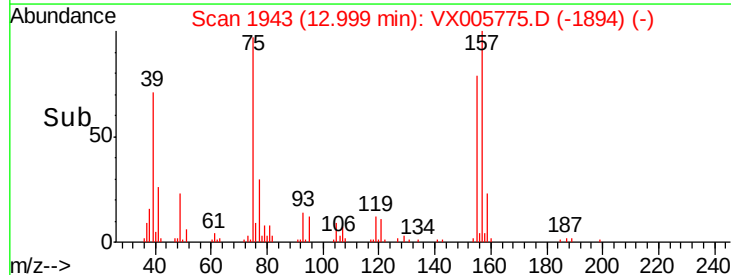
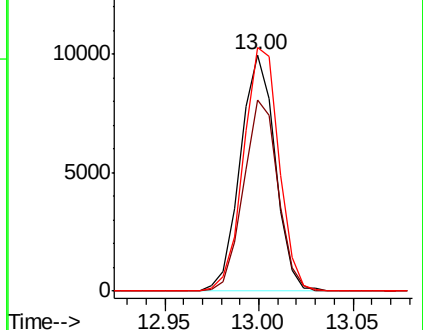
157 105.3 57.4 172.0

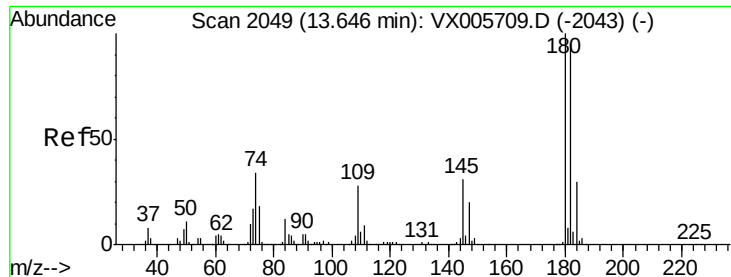


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

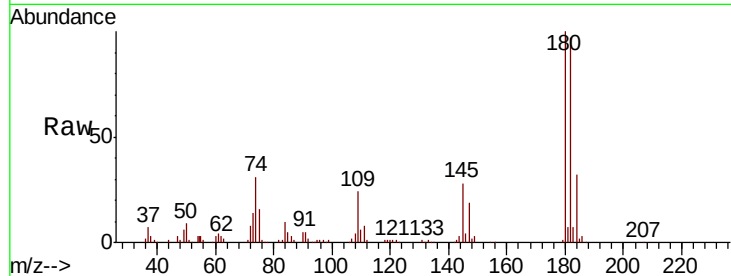




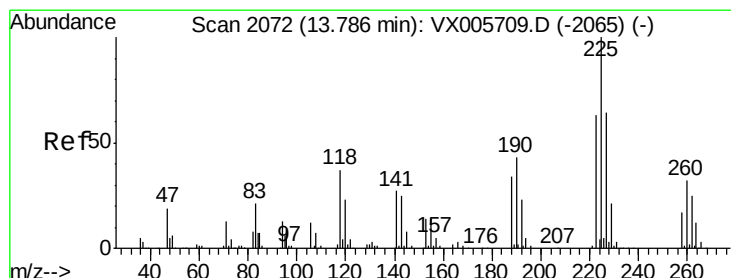
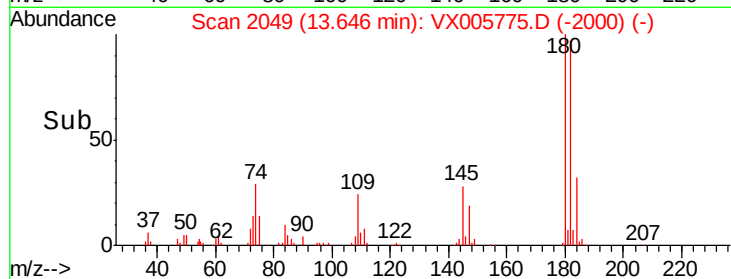
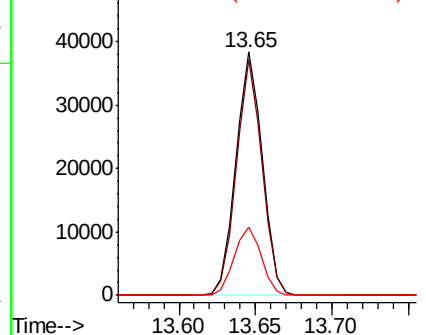
#93
 1,2,4-Trichlorobenzene
 Concen: 19.393 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 45836
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.6 142.8
 145 28.8 14.1 42.2

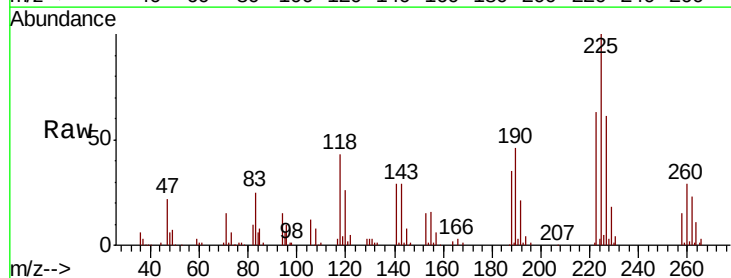


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

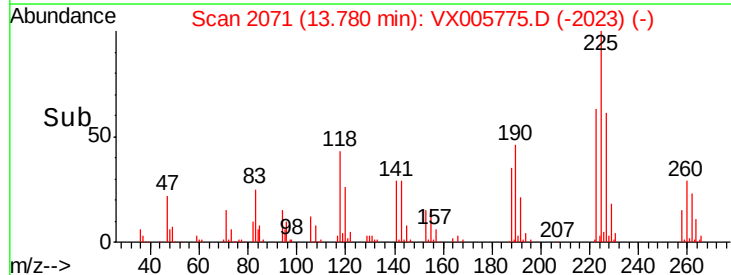
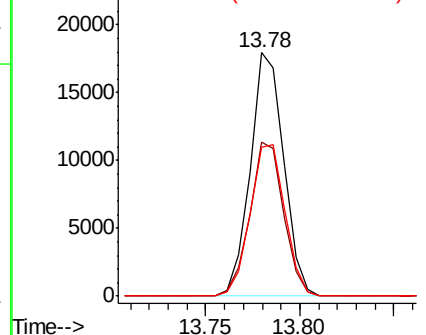


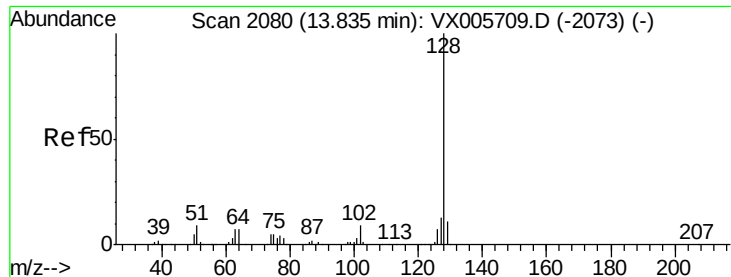
#94
 Hexachlorobutadiene
 Concen: 19.300 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion:225 Resp: 22068
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.7 95.1
 227 64.8 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

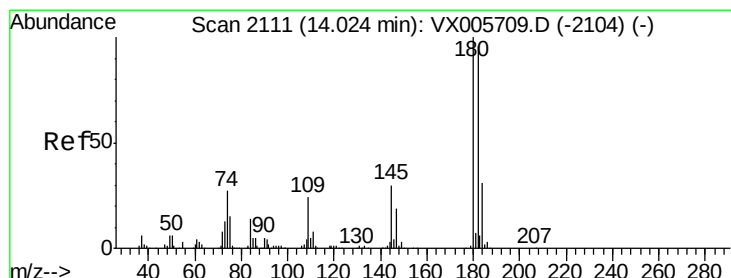
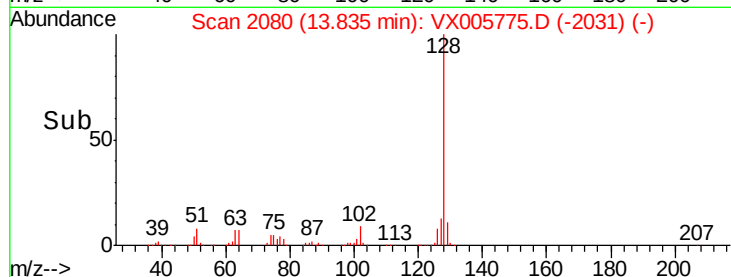
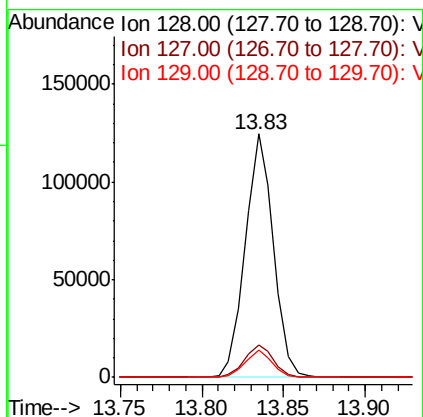
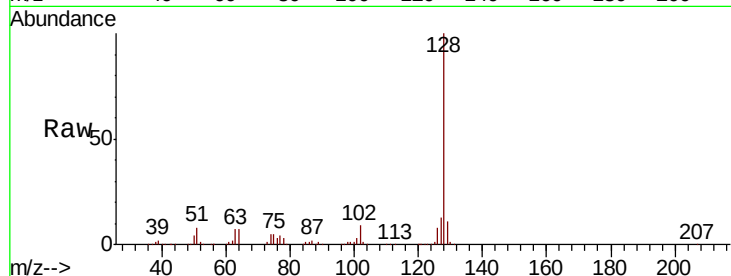




#95
Naphthalene
Concen: 19.286 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 149914
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.936 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion:180 Resp: 47970
Ion Ratio Lower Upper
180 100
182 93.9 48.0 144.2
145 30.3 15.1 45.3

