

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120720\
 Data File : VX019750.D
 Acq On : 07 Dec 2020 14:22
 Operator : JC/MD
 Sample : L4960-03DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5DL

Quant Time: Dec 08 05:57:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	322798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	523180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	489415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233801	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	192169	45.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.60%	
35) Dibromofluoromethane		5.46	113	155370	45.95	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.90%	
50) Toluene-d8		8.70	98	638620	49.47	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.94%	
62) 4-Bromofluorobenzene		11.12	95	242911	49.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	426	0.350	ug/l	86
10) Methyl Iodide	2.49	142	3892	0.903	ug/l	99
11) Tert butyl alcohol	2.99	59	8931	7.707	ug/l #	73
13) Acrolein	2.28	56	458	0.978	ug/l #	14
14) Allyl chloride	2.81	41	54080	10.827	ug/l #	60
15) Acrylonitrile	3.14	53	8343	4.350	ug/l #	42
16) Acetone	2.42	43	1988	1.247	ug/l #	81
17) Carbon Disulfide	2.54	76	2021	0.238	ug/l #	87
18) Methyl Acetate	2.81	43	132344	33.915	ug/l #	47
20) Methylene Chloride	2.82	84	4027	Below Cal	#	1
25) 2-Butanone	4.64	43	525	0.214	ug/l #	77
29) Tetrahydrofuran	5.11	42	563	0.357	ug/l #	44
31) Cyclohexane	5.55	56	41568	7.877	ug/l #	92
36) 1,1-Dichloropropene	5.62	75	24026	5.082	ug/l #	49
38) Carbon Tetrachloride	5.62	117	30798	6.652	ug/l #	16
39) Methylcyclohexane	7.43	83	62618	11.274	ug/l	92
41) Methacrylonitrile	5.03	41	1345	0.513	ug/l #	38
43) Isopropyl Acetate	6.42	43	4095	0.528	ug/l #	57
45) 1,2-Dichloropropane	7.43	63	872	0.242	ug/l #	1
47) Bromodichloromethane	7.82	83	1649	0.341	ug/l #	90
48) Methyl methacrylate	7.71	41	8672	2.272	ug/l #	43
51) 4-Methyl-2-Pentanone	8.66	43	2796	0.590	ug/l #	32
52) Toluene	8.76	92	3122	0.346	ug/l	99
55) 1,1,2-Trichloroethane	9.15	97	16972	4.663	ug/l #	19
56) Ethyl methacrylate	9.14	69	4262	0.774	ug/l #	1
67) Ethyl Benzene	10.23	91	57476	3.321	ug/l	97
68) m/p-Xylenes	10.34	106	3168	0.486	ug/l	96
73) Isopropylbenzene	11.00	105	180620	11.308	ug/l	99
76) 1,2,3-Trichloropropane	11.34	75	5356	1.021	ug/l #	1
78) n-propylbenzene	11.34	91	928133	50.874	ug/l	99
79) 2-Chlorotoluene	11.34	91	928133	82.612	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.44	105	73606	5.460	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.12	75	115010	63.404	ug/l #	12
82) 4-Chlorotoluene	11.34	91	928133	70.537	ug/l #	45

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120720\
 Data File : VX019750.D
 Acq On : 07 Dec 2020 14:22
 Operator : JC/MD
 Sample : L4960-03DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5DL

Quant Time: Dec 08 05:57:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

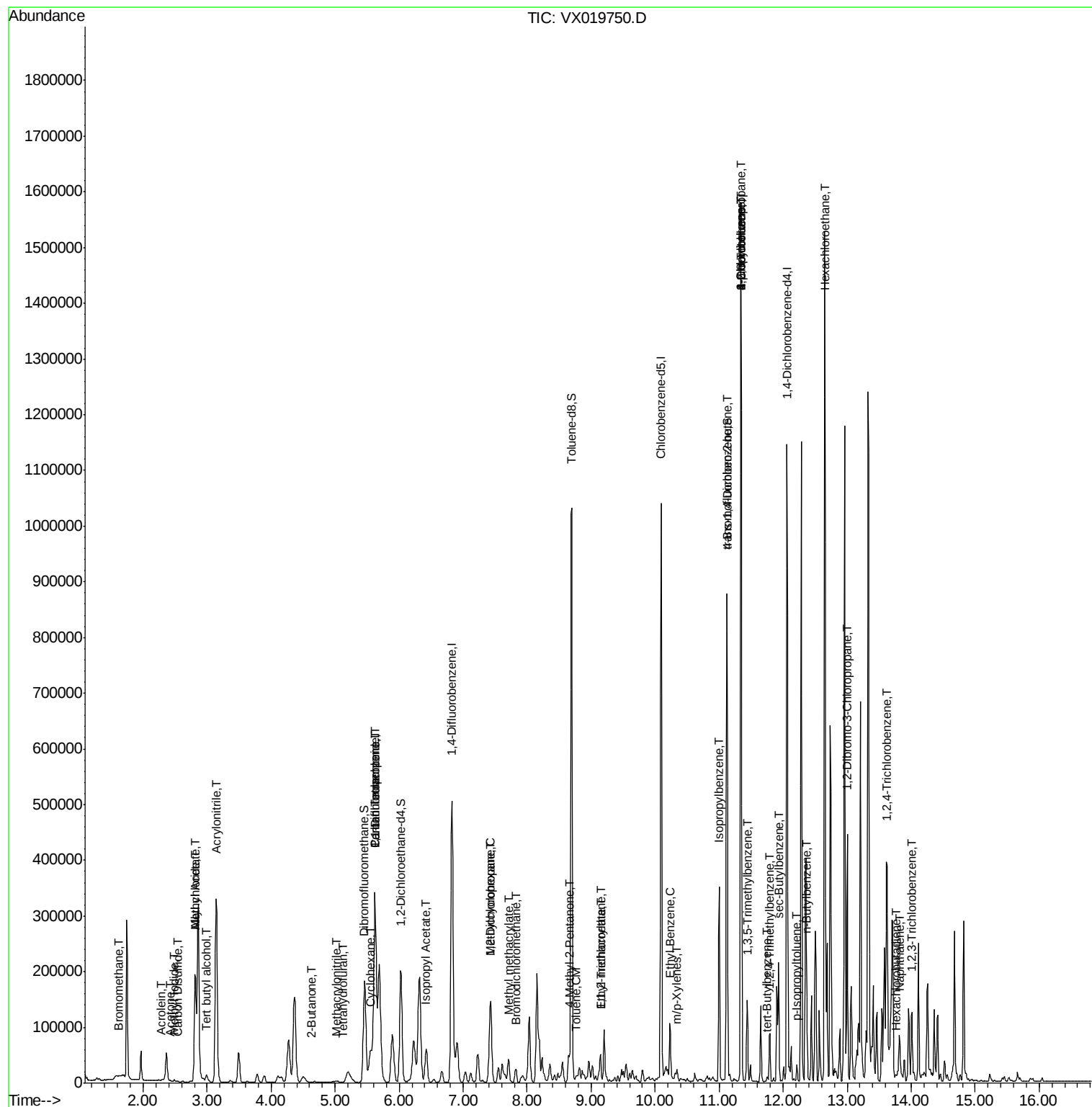
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.75	119	3121	0.236	ug/l #	42
84) 1,2,4-Trimethylbenzene	11.79	105	39057	2.876	ug/l	99
85) sec-Butylbenzene	11.93	105	113654	7.529	ug/l	97
86) p-Isopropyltoluene	12.21	119	13634	0.986	ug/l	98
89) n-Butylbenzene	12.37	91	90974	7.422	ug/l #	57
90) Hexachloroethane	12.65	117	58981	24.694	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1326	1.095	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.63	180	1283	0.269	ug/l #	1
94) Hexachlorobutadiene	13.76	225	609	0.286	ug/l	96
95) Naphthalene	13.82	128	51565	3.341	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.00	180	1246	0.268	ug/l #	1

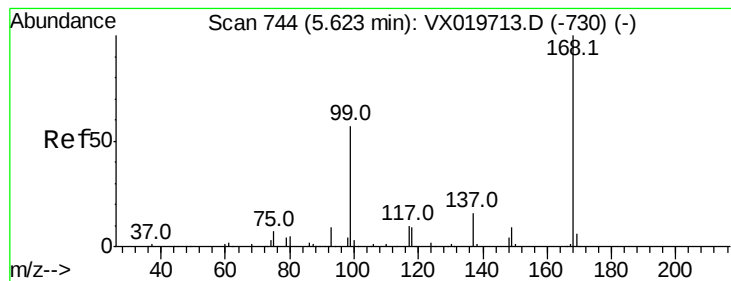
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120720\
Data File : VX019750.D
Acq On : 07 Dec 2020 14:22
Operator : JC/MD
Sample : L4960-03DL 4X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5DL

Quant Time: Dec 08 05:57:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

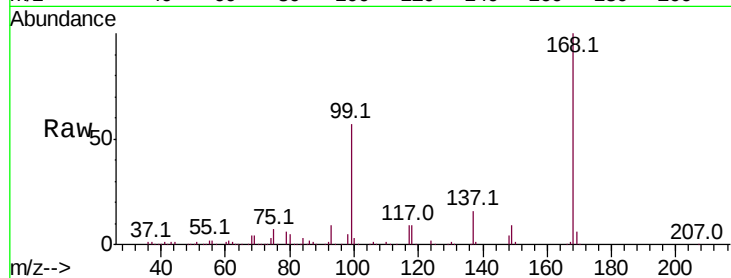
MW-5DL

Tot Ion:168 Resp: 322798

Ion Ratio Lower Upper

168 100

99 56.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

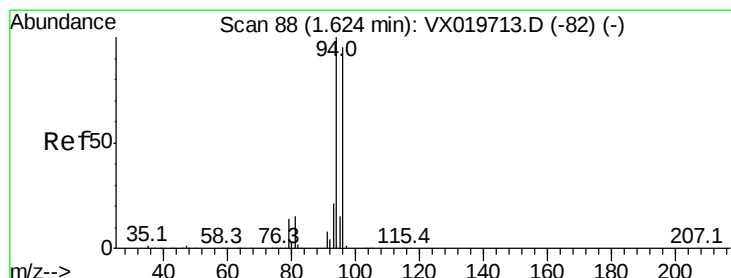
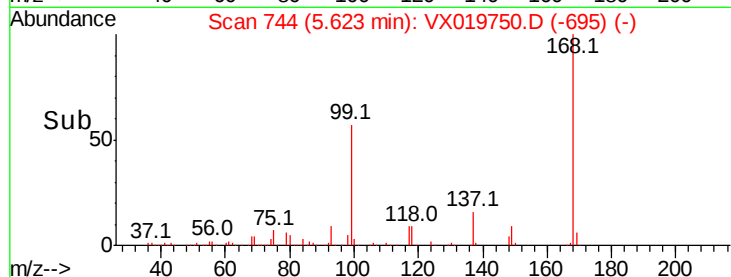
5.62

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.350 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX019750.D

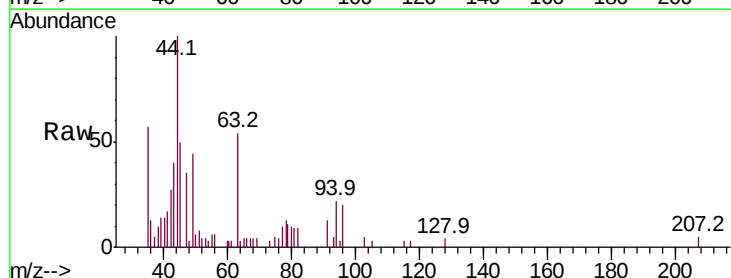
Acq: 07 Dec 2020 14:22

Tgt Ion: 94 Resp: 426

Ion Ratio Lower Upper

94 100

96 109.2 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

500

400

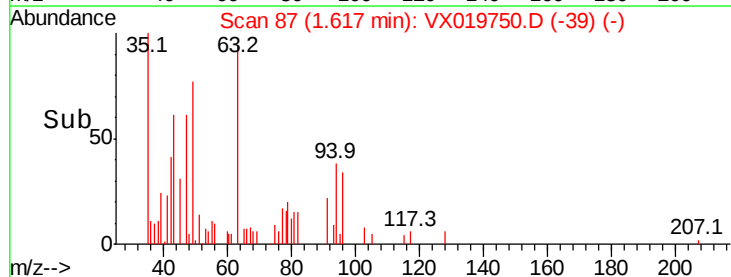
300

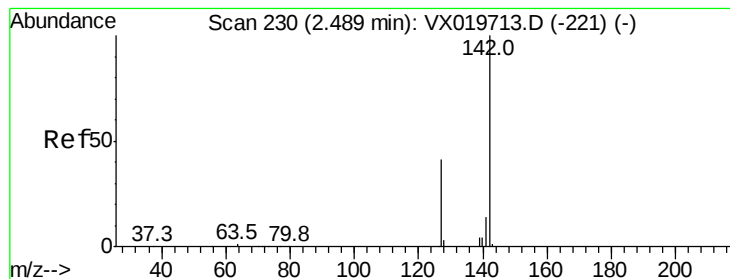
200

100

0

Time-->





#10

Methvl Iodide

Concen: 0.903 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

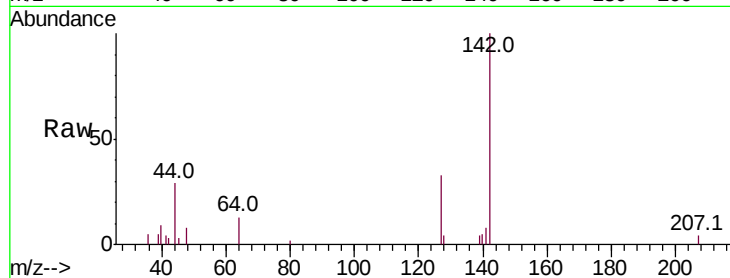
Tot Ion:142 Resp: 3892

Ion Ratio Lower Upper

142 100

127 41.1 33.3 49.9

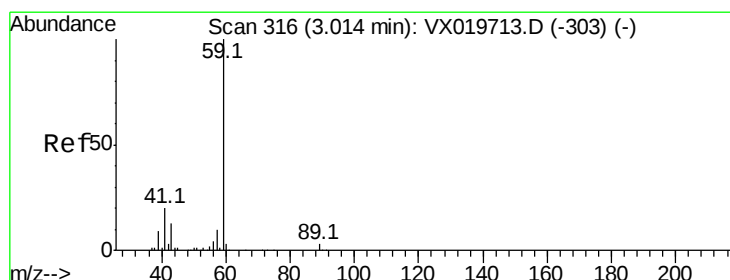
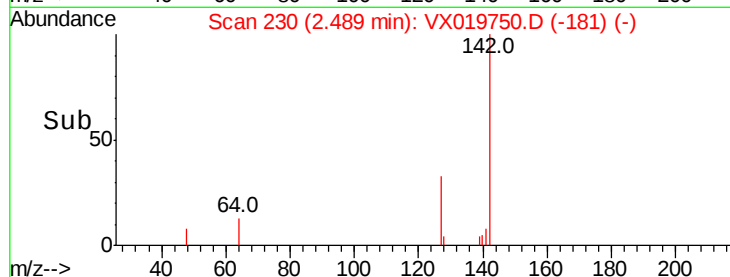
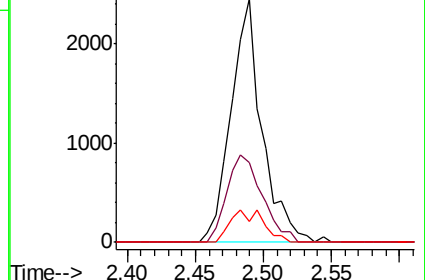
141 14.3 11.4 17.0



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: 7.707 ug/l

RT: 2.99 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX019750.D

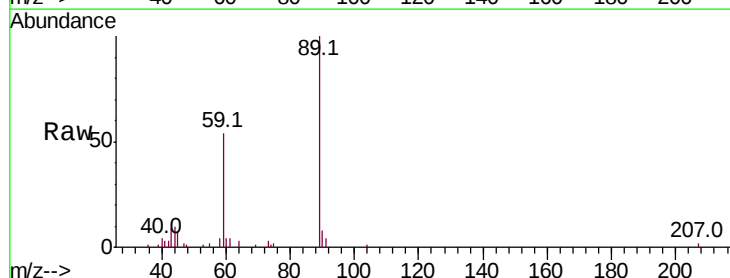
Acq: 07 Dec 2020 14:22

Tgt Ion: 59 Resp: 8931

Ion Ratio Lower Upper

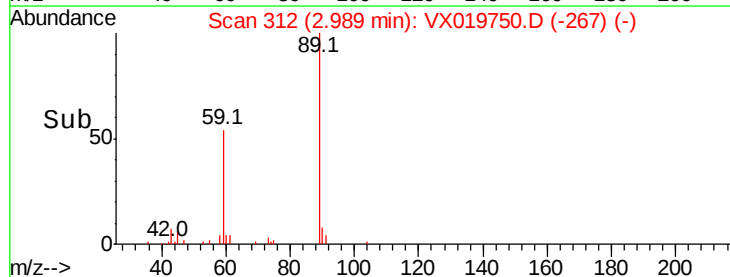
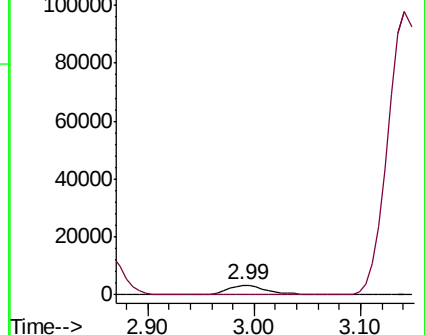
59 100

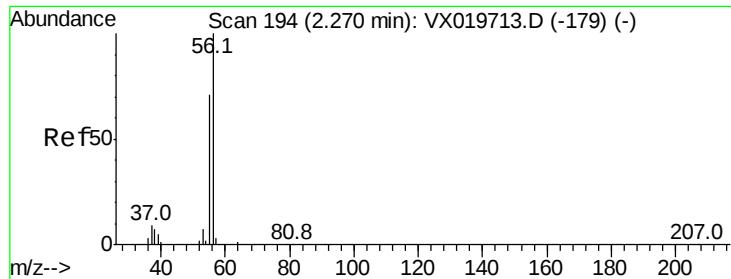
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.978 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampled :

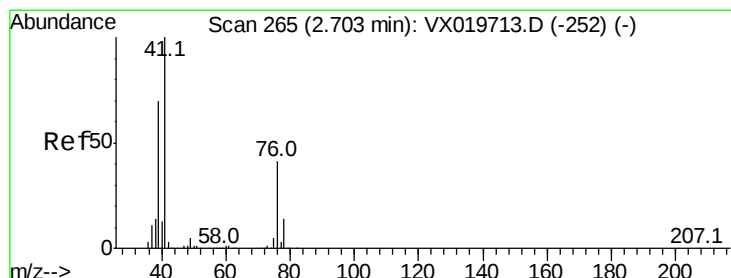
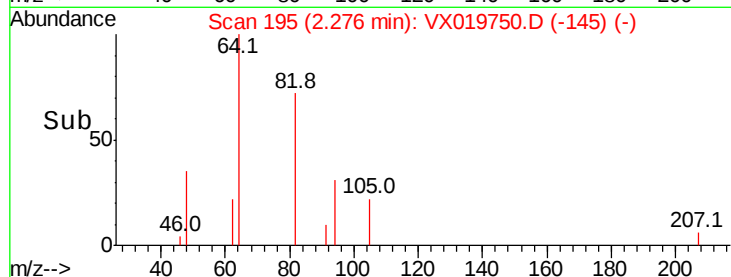
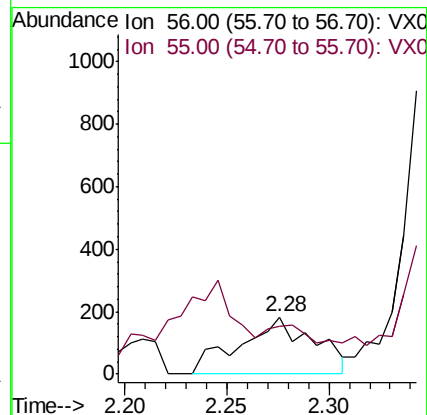
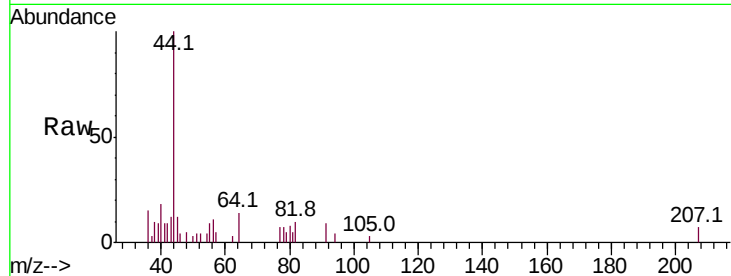
MW-5DL

Tot Ion: 56 Resp: 458

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



#14

Allyl chloride

Concen: 10.827 ug/l

RT: 2.81 min Scan# 283

Delta R.T. 0.11 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

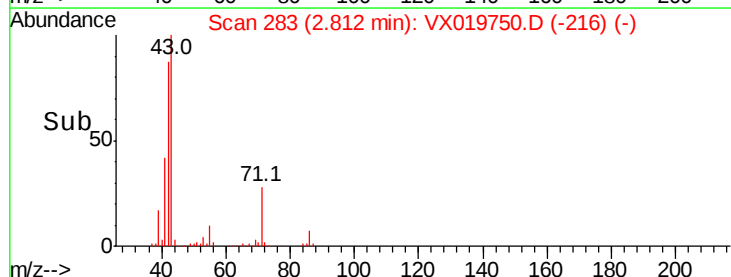
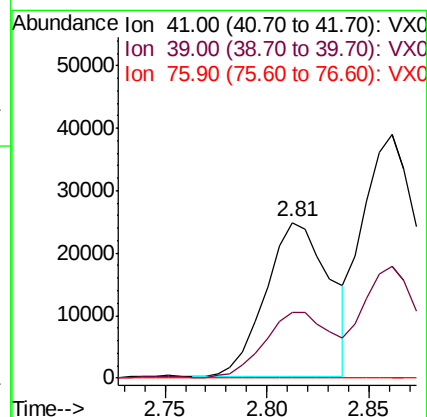
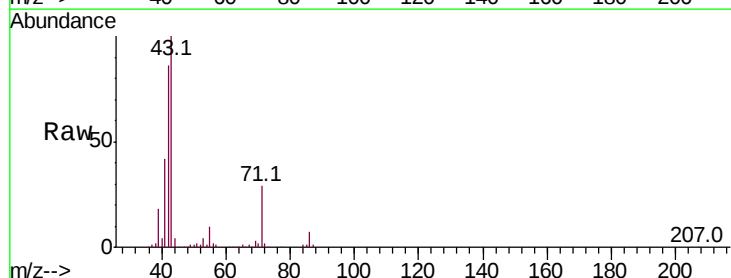
Tgt Ion: 41 Resp: 54080

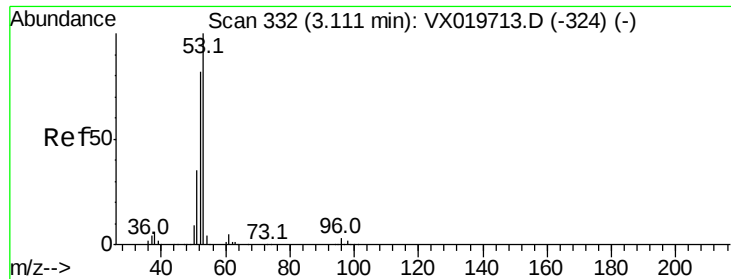
Ion Ratio Lower Upper

41 100

39 43.9 51.6 77.4#

76 0.0 30.5 45.7#





#15

Acrylonitrile

Concen: 4.350 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.02 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

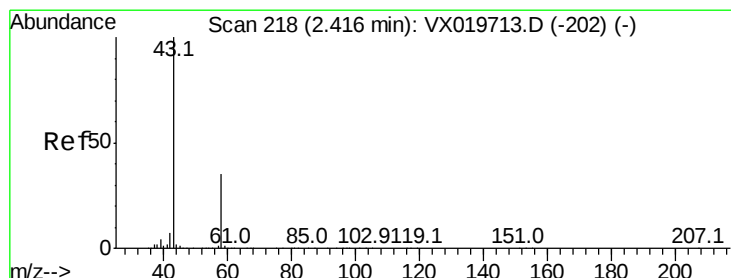
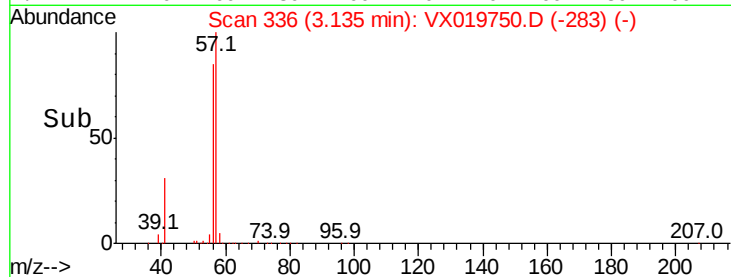
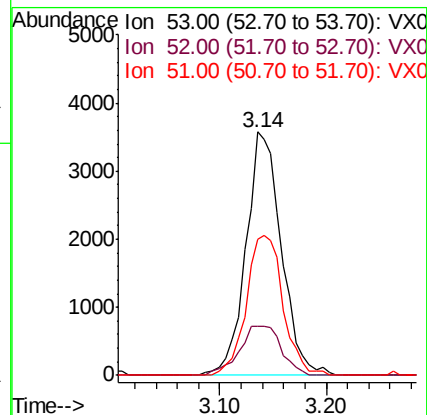
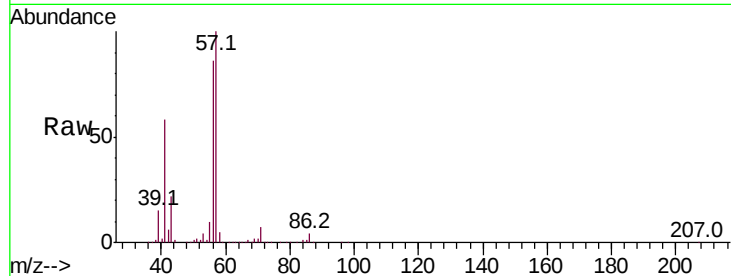
Tot Ion: 53 Resp: 8343

Ion Ratio Lower Upper

53 100

52 23.7 65.3 97.9#

51 59.3 28.2 42.2#



#16

Acetone

Concen: 1.247 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX019750.D

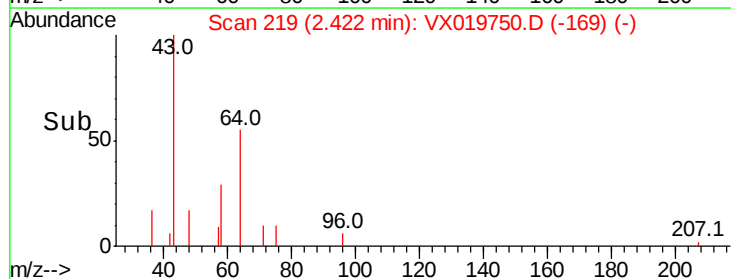
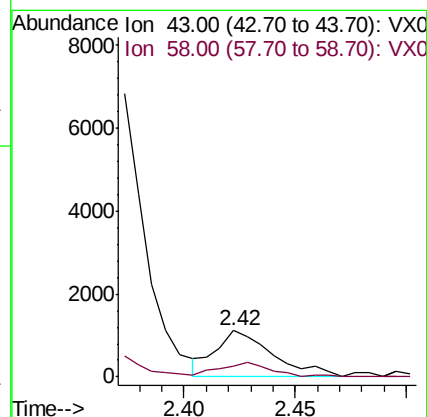
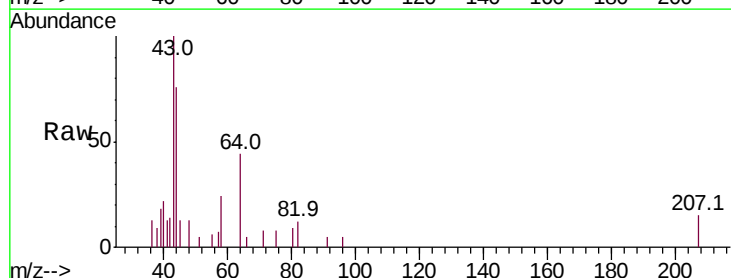
Acq: 07 Dec 2020 14:22

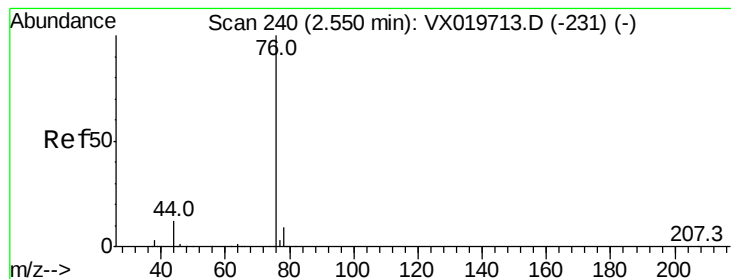
Tgt Ion: 43 Resp: 1988

Ion Ratio Lower Upper

43 100

58 23.5 27.8 41.8#





#17

Carbon Disulfide

Concen: 0.238 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

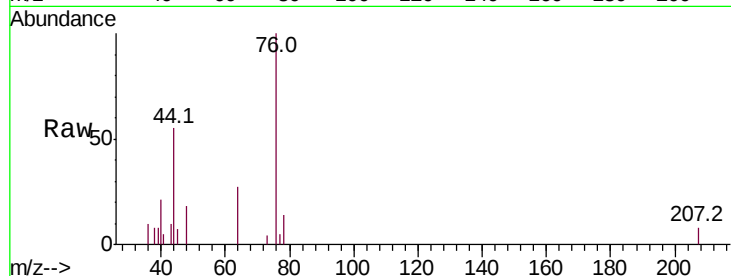
MW-5DL

Tot Ion: 76 Resp: 2021

Ion Ratio Lower Upper

76 100

78 13.8 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

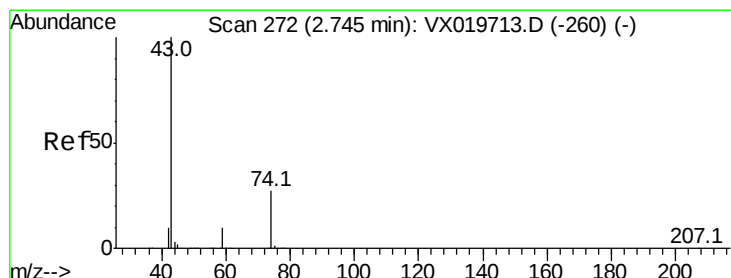
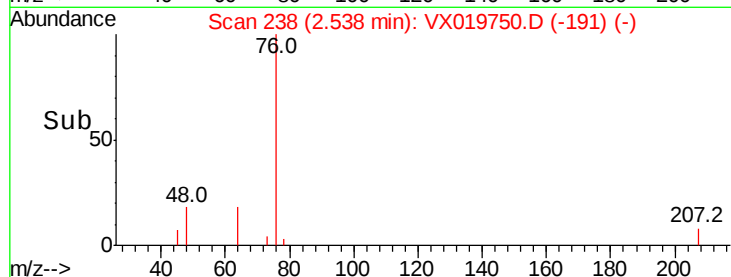
1500

1000

500

0

Time-->



#18

Methyl Acetate

Concen: 33.915 ug/l

RT: 2.81 min Scan# 283

Delta R.T. 0.07 min

Lab File: VX019750.D

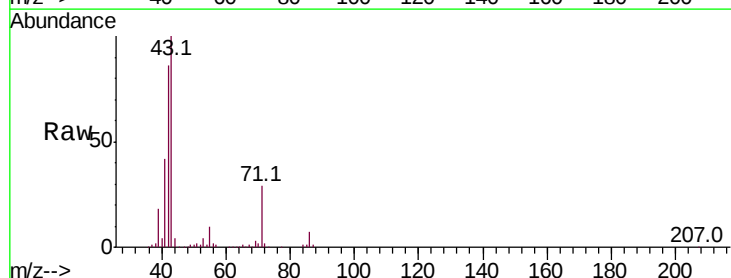
Acq: 07 Dec 2020 14:22

Tgt Ion: 43 Resp: 132344

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.81

100000

80000

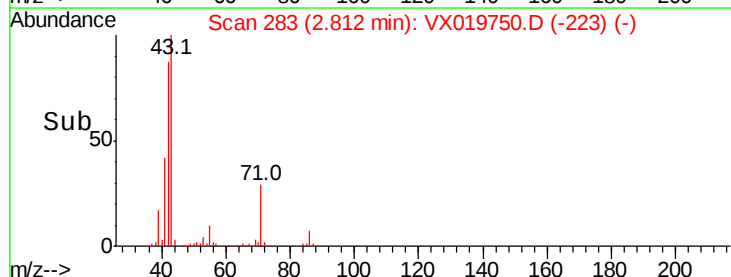
60000

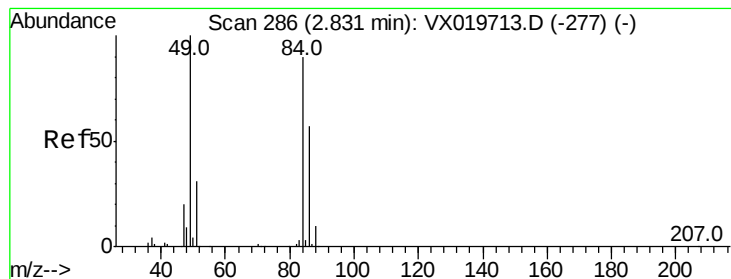
40000

20000

0

Time-->





#20

Methvlene Chloride

Concen: Below Cal

RT: 2.82 min Scan# 285

Delta R.T. -0.01 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

Tot Ion: 84 Resp: 4027

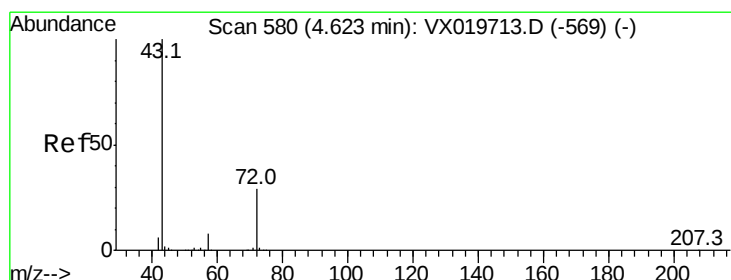
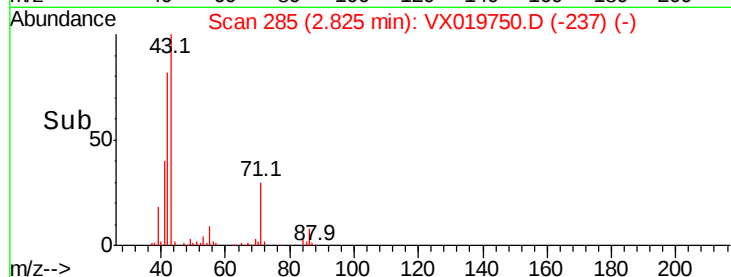
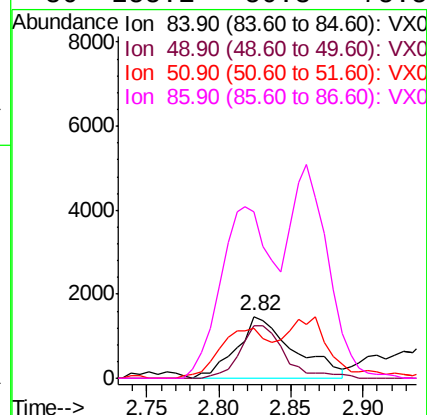
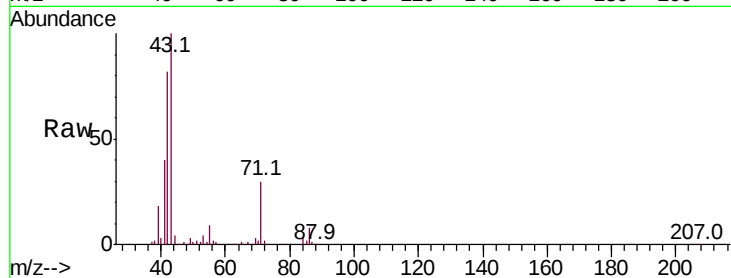
Ion Ratio Lower Upper

84 100

49 85.5 88.6 132.8#

51 74.8 27.0 40.6#

86 255.1 50.3 75.5#



#25

2-Butanone

Concen: 0.214 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019750.D

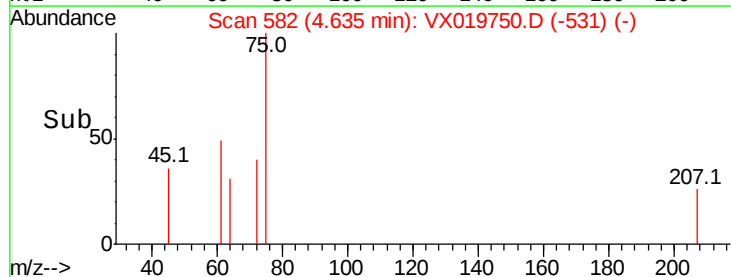
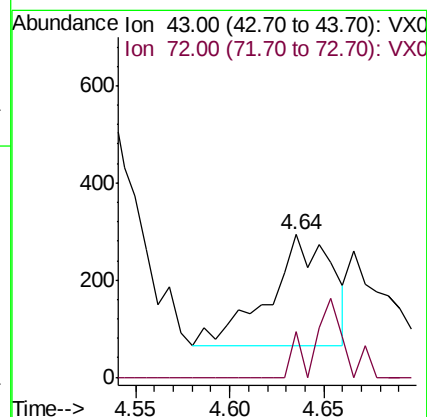
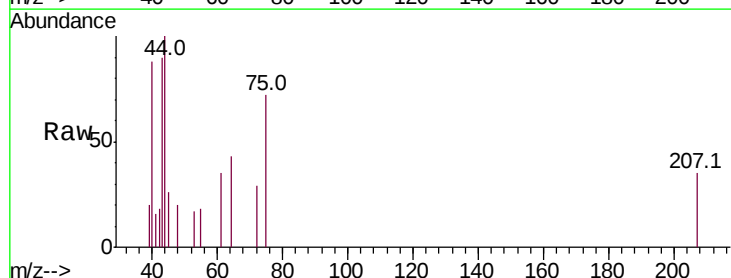
Acq: 07 Dec 2020 14:22

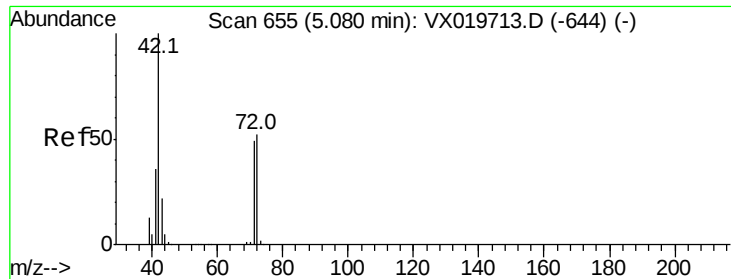
Tgt Ion: 43 Resp: 525

Ion Ratio Lower Upper

43 100

72 41.9 23.7 35.5#

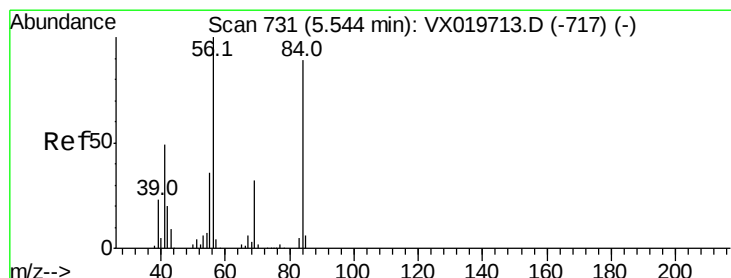
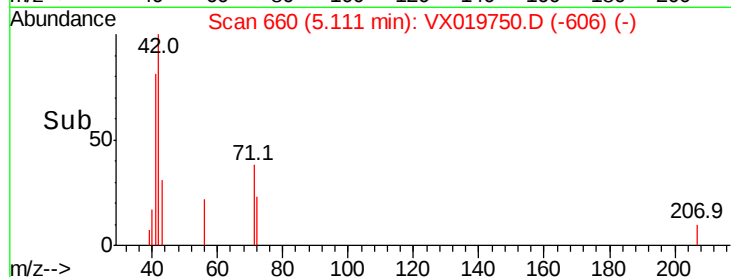
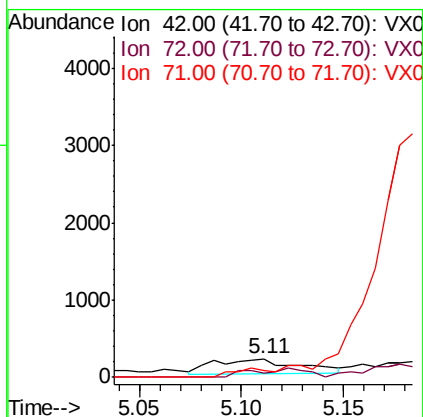
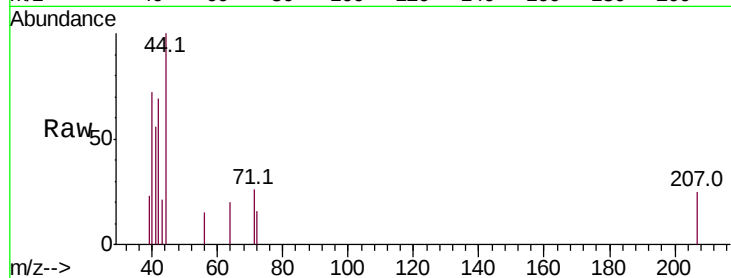




#29
Tetrahydrofuran
Concen: 0.357 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.03 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

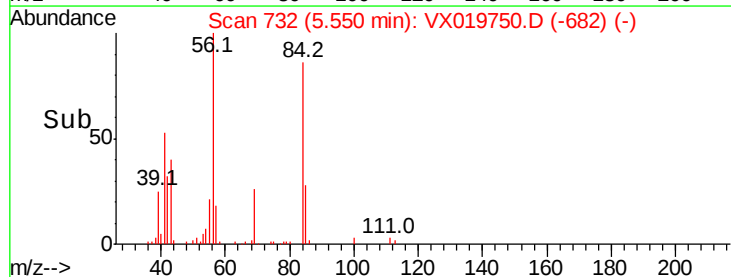
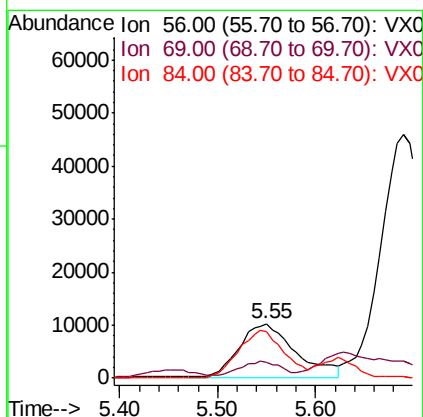
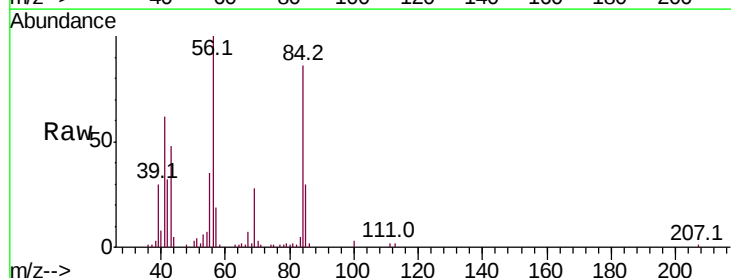
Instrument :
MSVOA_X
ClientSampleId :
MW-5DL

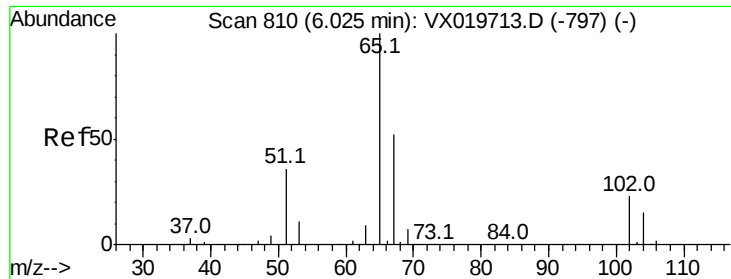
Tot Ion: 42 Resp: 563
Ion Ratio Lower Upper
42 100
72 22.6 41.7 62.5#
71 0.0 38.4 57.6#



#31
Cyclohexane
Concen: 7.877 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

Tgt Ion: 56 Resp: 41568
Ion Ratio Lower Upper
56 100
69 17.6 25.3 37.9#
84 87.5 71.4 107.0

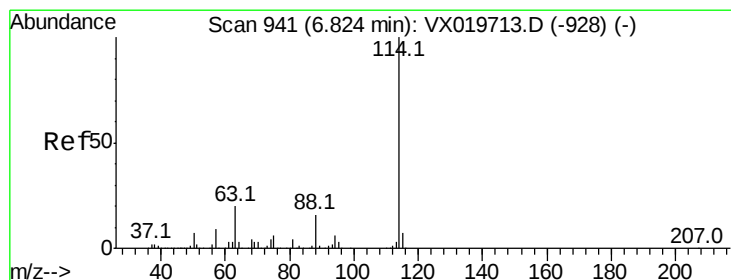
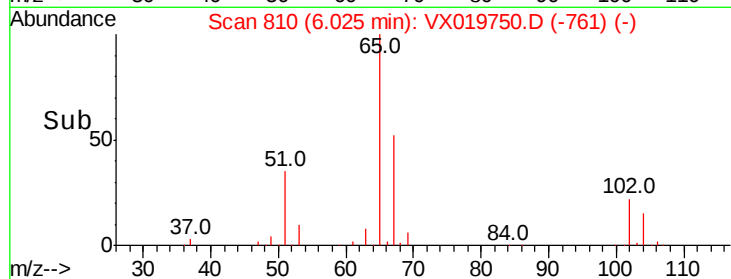
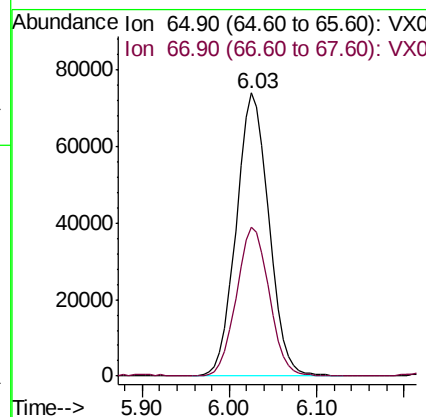
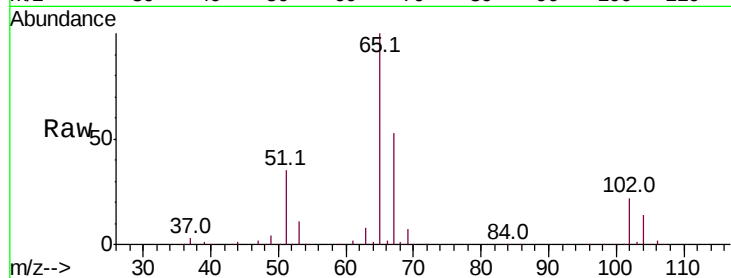




#33
 1,2-Dichloroethane-d4
 Concen: 45.296 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019750.D
 Acq: 07 Dec 2020 14:22

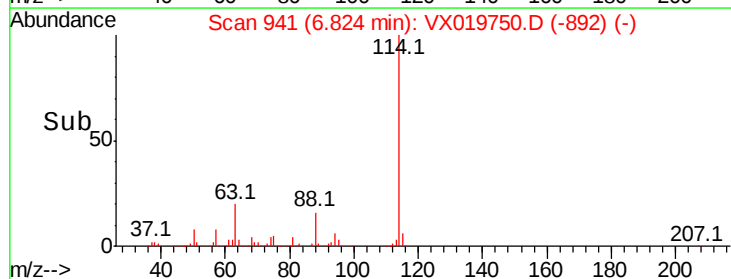
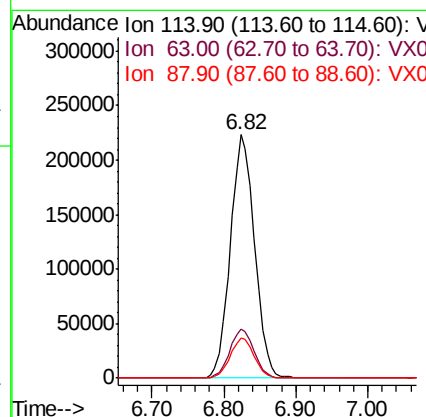
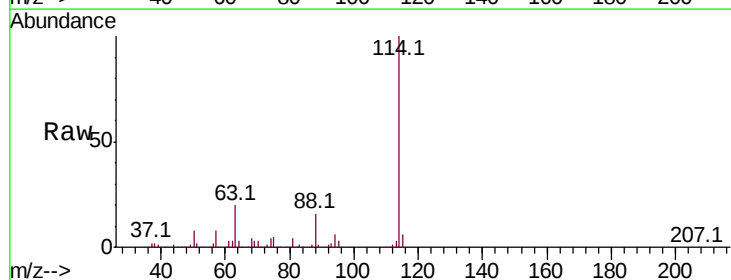
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5DL

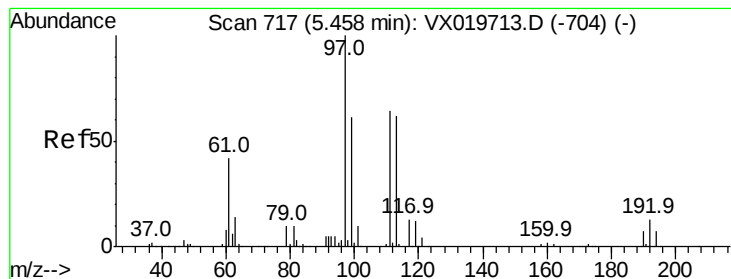
Tot Ion: 65 Resp: 192169
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019750.D
 Acq: 07 Dec 2020 14:22

Tgt Ion: 114 Resp: 523180
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.951 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

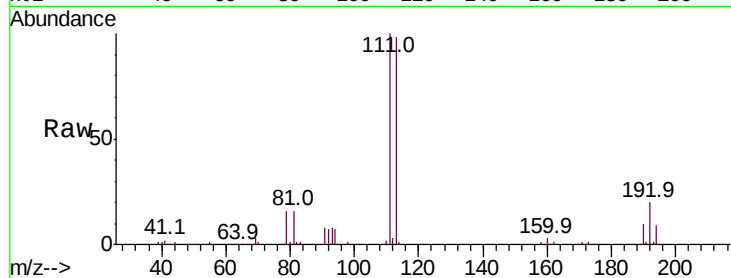
Tot Ion:113 Resp: 155370

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

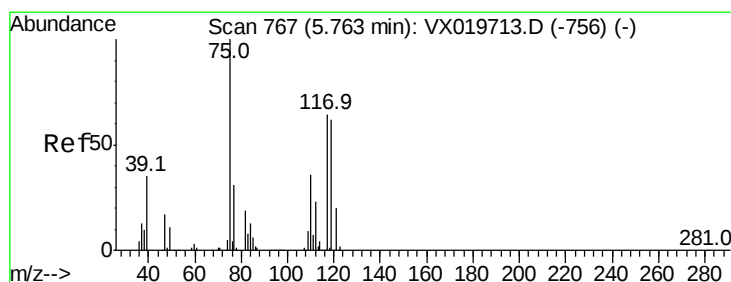
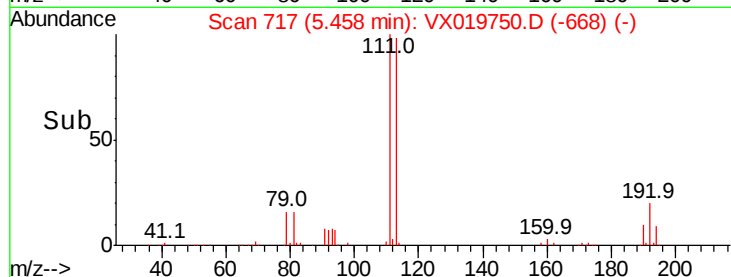
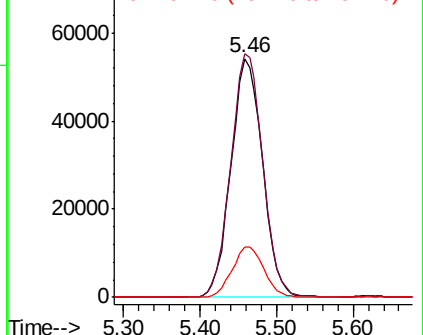
192 21.2 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.082 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.14 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

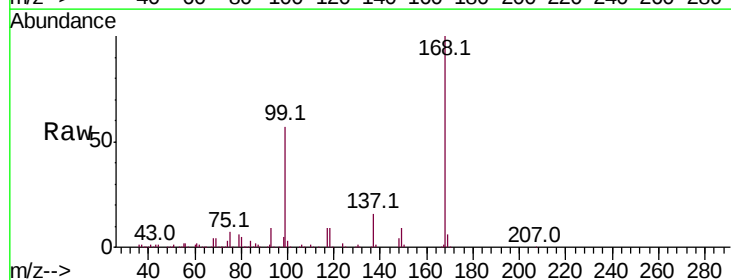
Tgt Ion: 75 Resp: 24026

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

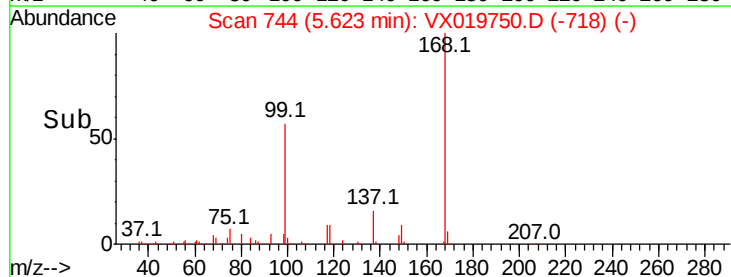
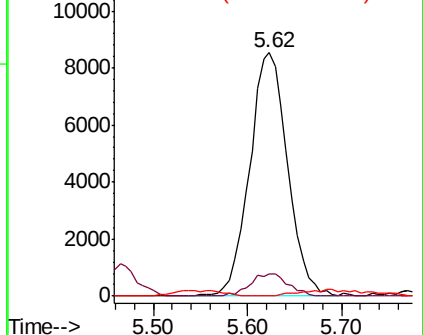
77 0.0 25.3 37.9#

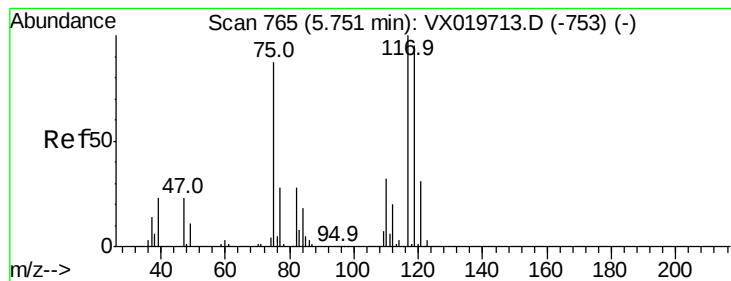


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.652 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

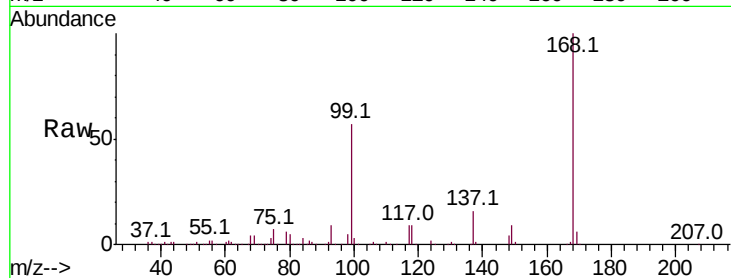
Tot Ion:117 Resp: 30798

Ion Ratio Lower Upper

117 100

119 5.2 76.2 114.2#

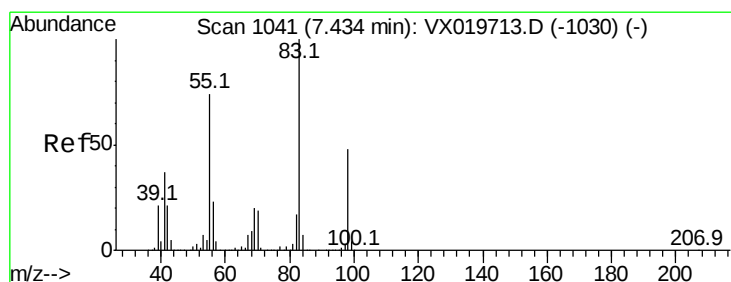
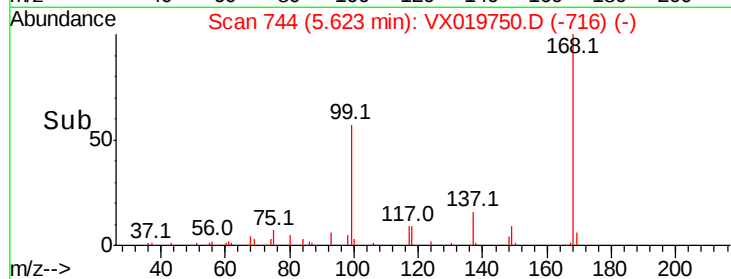
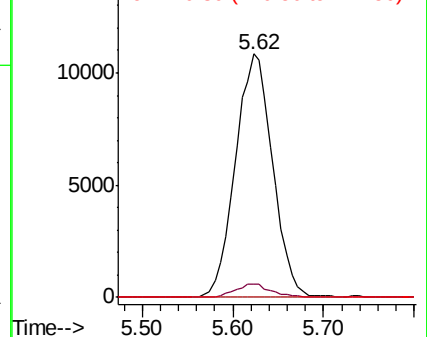
121 0.0 24.8 37.2#



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

Methylcyclohexane

Concen: 11.274 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

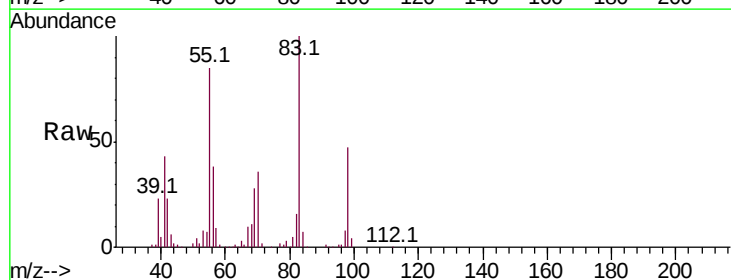
Tgt Ion: 83 Resp: 62618

Ion Ratio Lower Upper

83 100

55 85.2 58.9 88.3

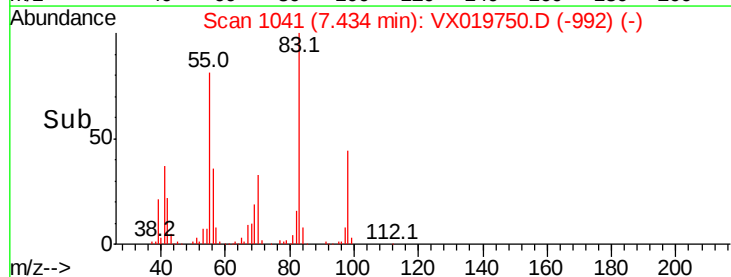
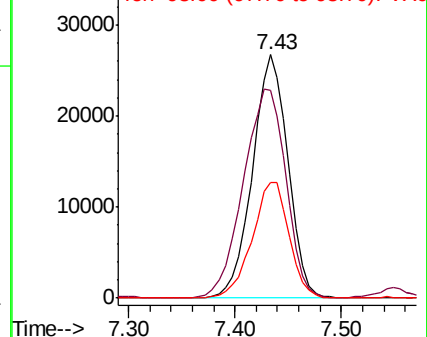
98 47.5 38.1 57.1

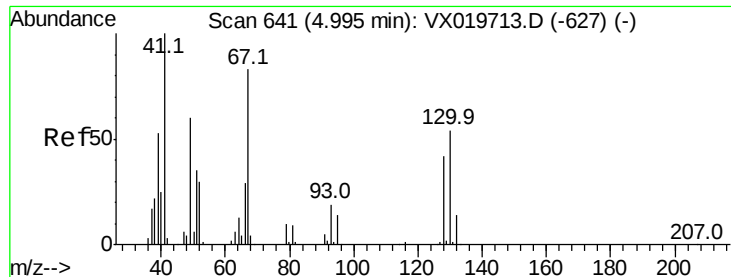


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

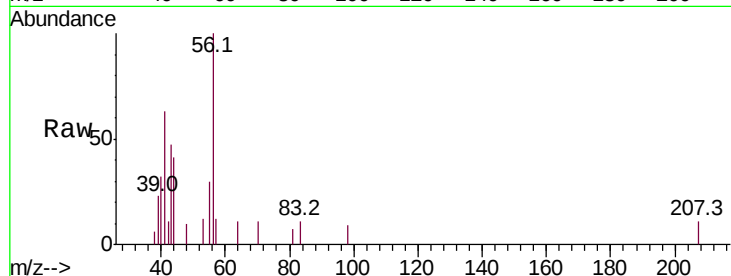




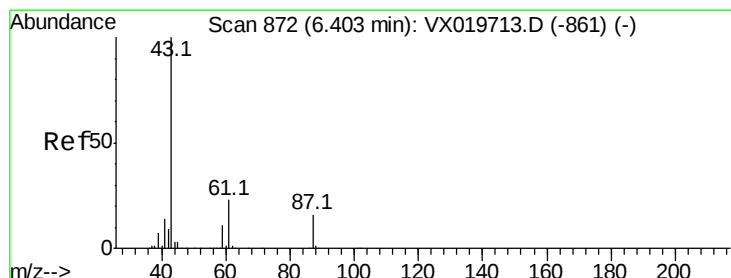
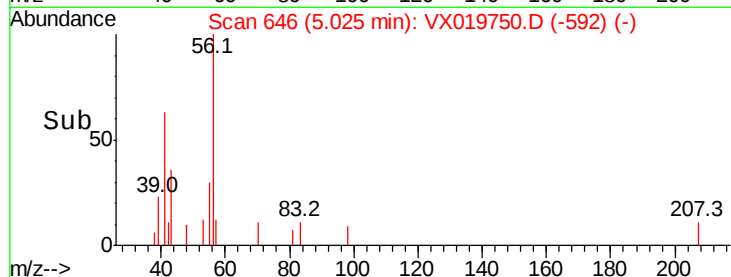
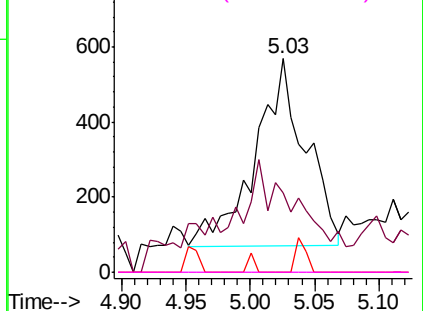
#41
Methacrylonitrile
Concen: 0.513 ug/l
RT: 5.03 min Scan# 646
Delta R.T. 0.03 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-5DL

Tot Ion: 41 Resp: 1345
Ion Ratio Lower Upper
41 100
39 37.8 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

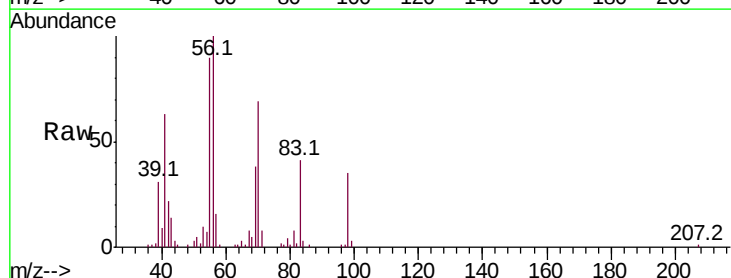


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

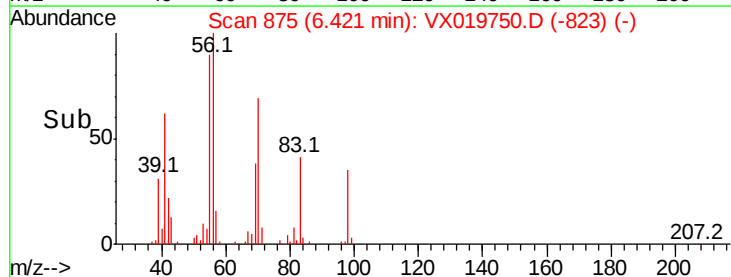
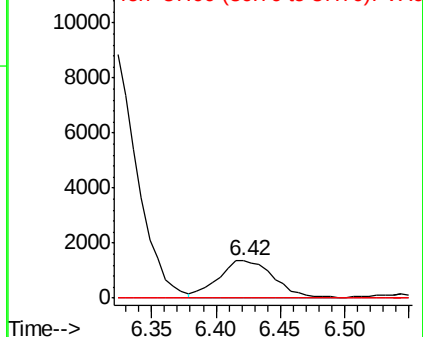


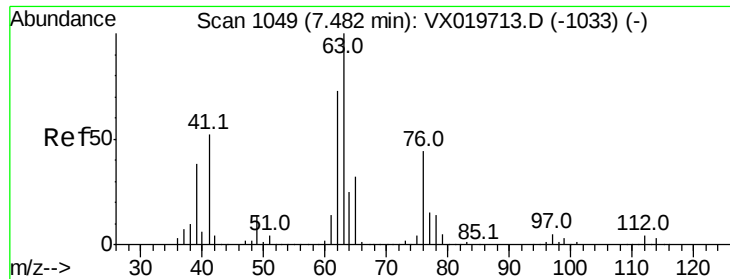
#43
Isopropyl Acetate
Concen: 0.528 ug/l
RT: 6.42 min Scan# 875
Delta R.T. 0.02 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

Tgt Ion: 43 Resp: 4095
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



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





#45

1,2-Dichloropropane

Concen: 0.242 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.05 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

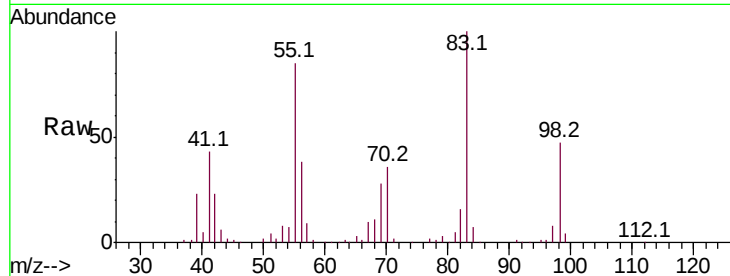
MW-5DL

Tot Ion: 63 Resp: 872

Ion Ratio Lower Upper

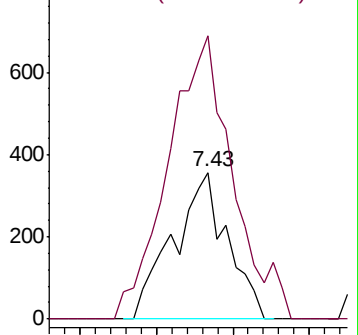
63 100

65 174.7 25.7 38.5#

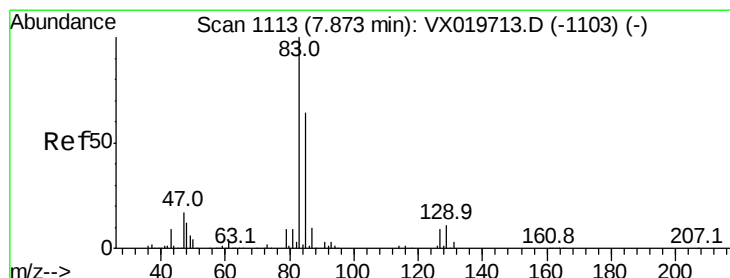
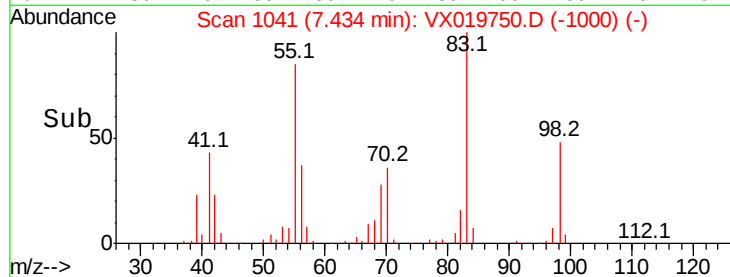


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#47

Bromodichloromethane

Concen: 0.341 ug/l

RT: 7.82 min Scan# 1104

Delta R.T. -0.05 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

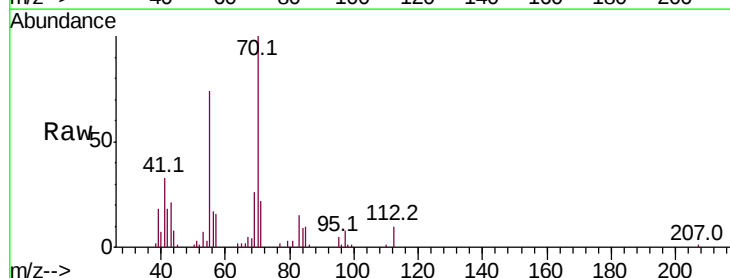
Tgt Ion: 83 Resp: 1649

Ion Ratio Lower Upper

83 100

85 70.4 51.4 77.0

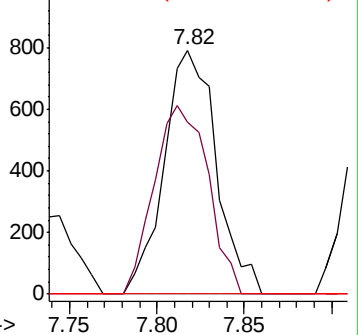
127 0.0 6.8 10.2#



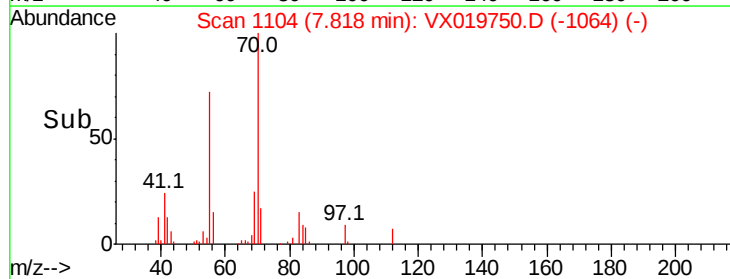
Abundance Ion 82.90 (82.60 to 83.60): VX0

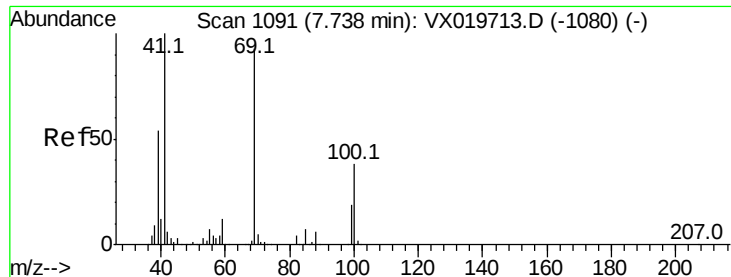
Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



Time-->

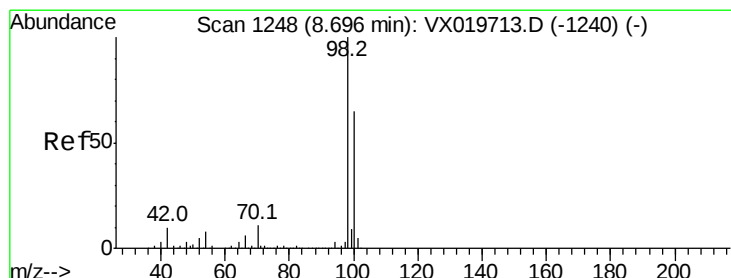
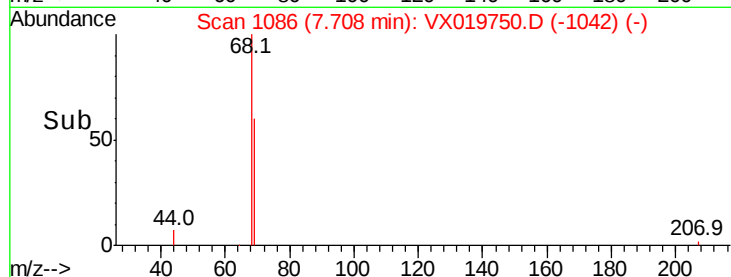
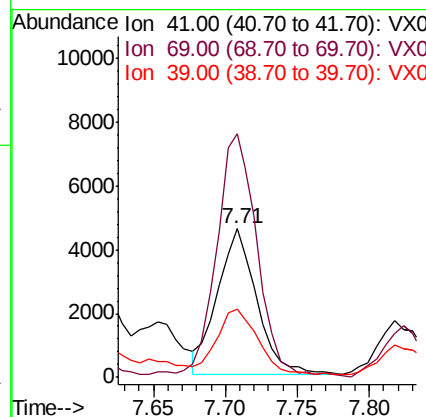
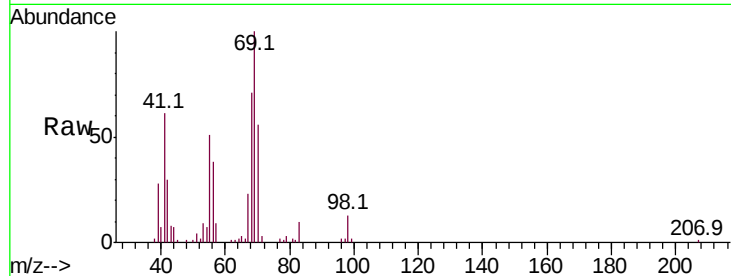




#48
Methvl methacrylate
Concen: 2.272 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.03 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

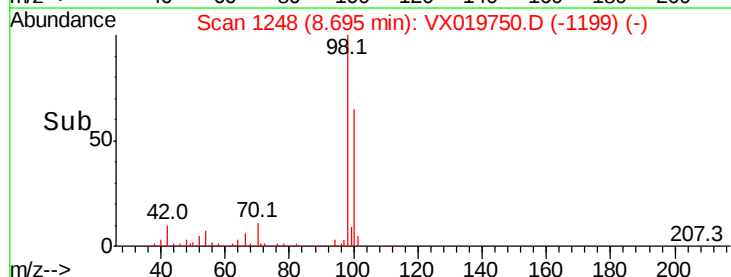
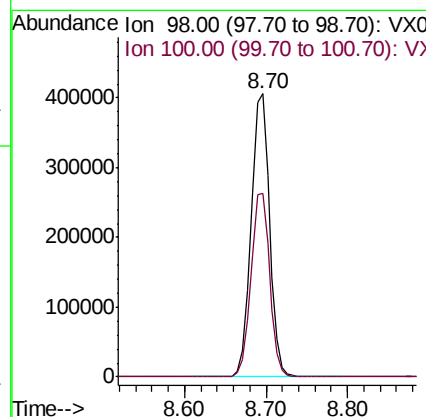
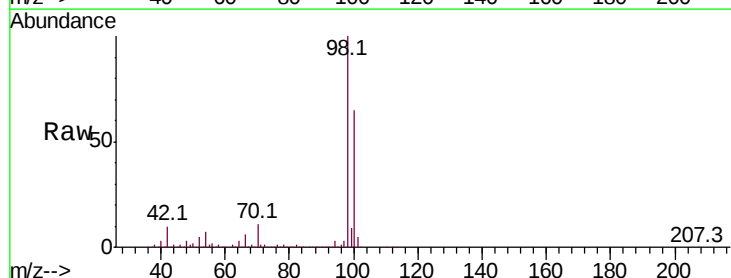
Instrument :
MSVOA_X
ClientSampled :
MW-5DL

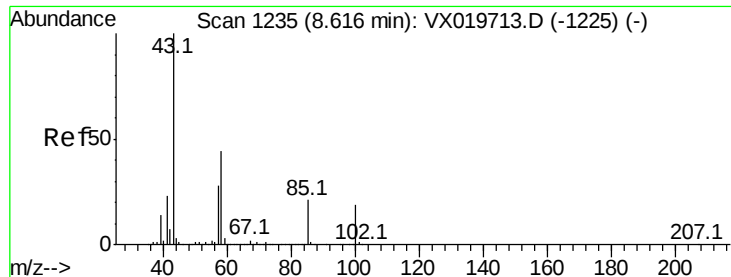
Tot Ion: 41 Resp: 8672
Ion Ratio Lower Upper
41 100
69 175.5 76.0 114.0#
39 46.5 44.6 67.0



#50
Toluene-d8
Concen: 49.472 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

Tgt Ion: 98 Resp: 638620
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

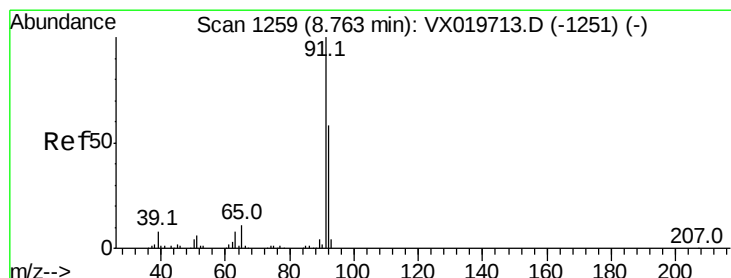
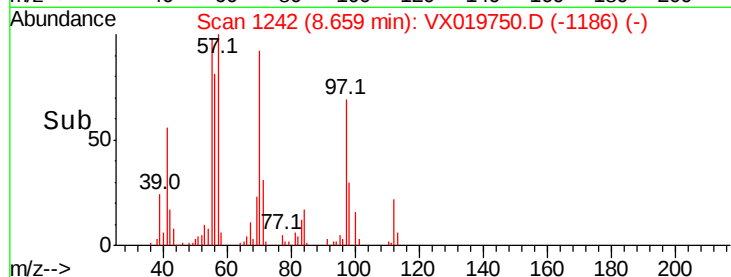
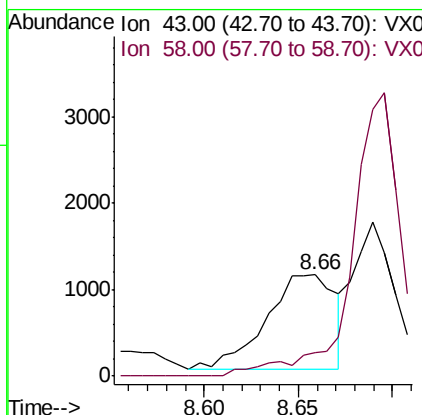
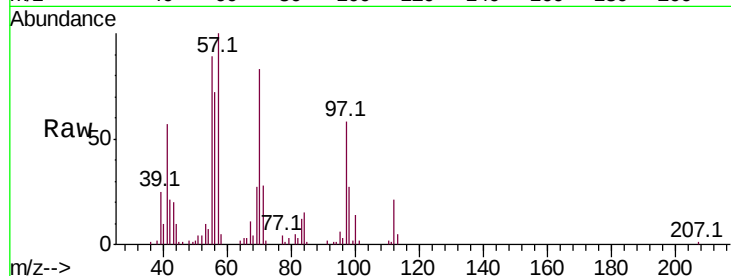




#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 8.66 min Scan# 1242
Delta R.T. 0.04 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

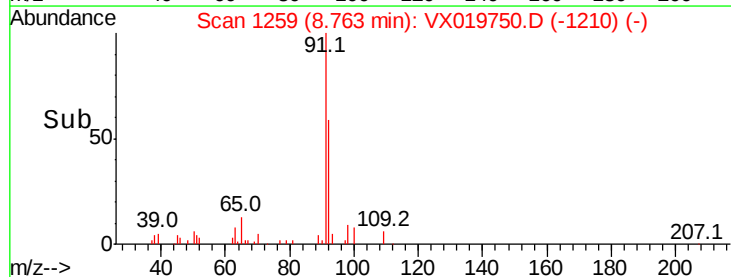
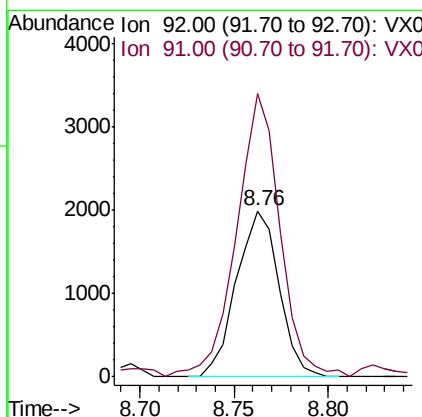
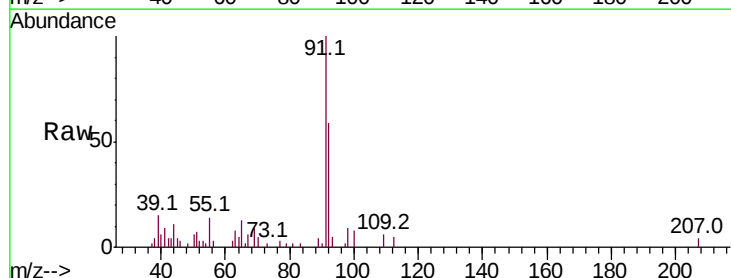
Instrument :
MSVOA_X
ClientSampled :
MW-5DL

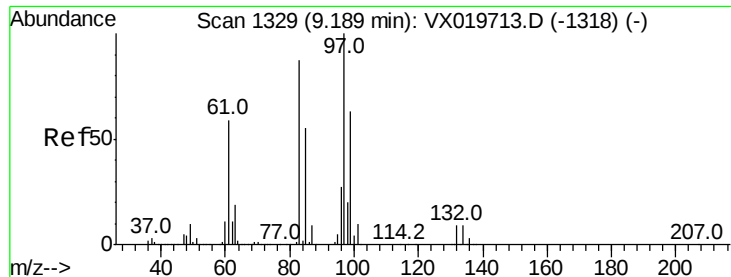
Tot Ion: 43 Resp: 2796
Ion Ratio Lower Upper
43 100
58 0.0 35.4 53.0#



#52
Toluene
Concen: 0.346 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

Tgt Ion: 92 Resp: 3122
Ion Ratio Lower Upper
92 100
91 173.2 137.1 205.7





#55

1,1,2-Trichloroethane

Concen: 4.663 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.04 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

Tot Ion: 97 Resp: 16972

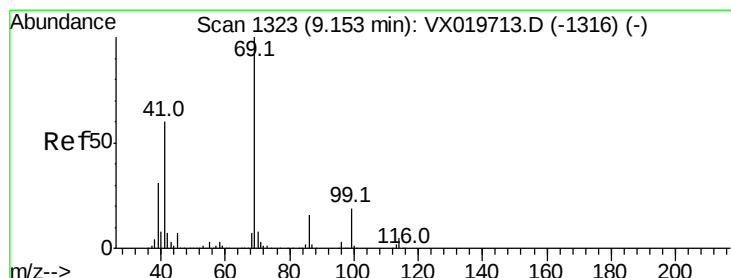
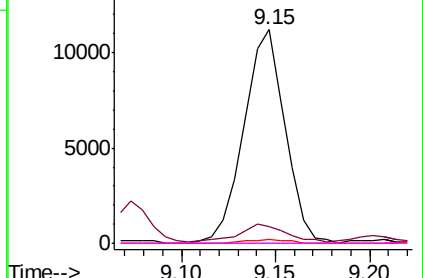
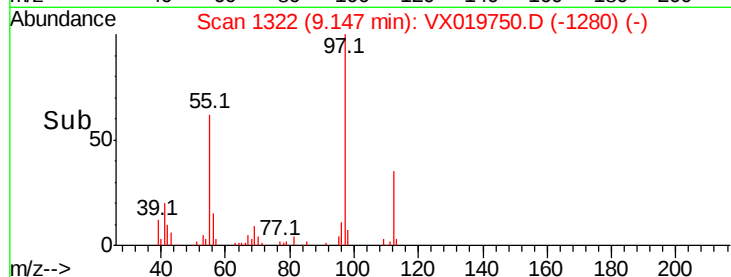
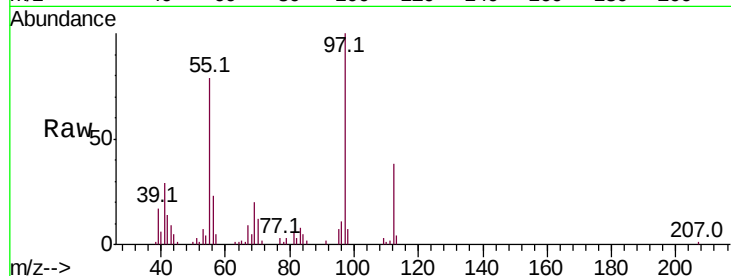
Ion Ratio Lower Upper

97 100

83 7.0 69.3 103.9#

85 2.1 44.3 66.5#

99 0.0 50.3 75.5#



#56

Ethyl methacrylate

Concen: 0.774 ug/l

RT: 9.14 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

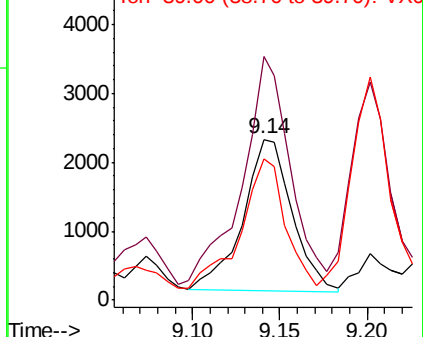
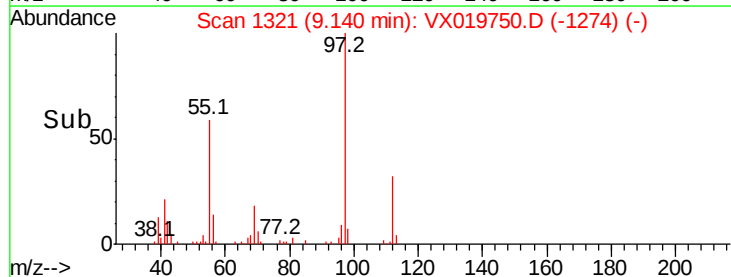
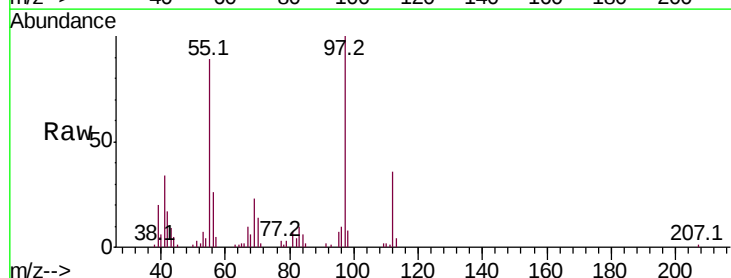
Tgt Ion: 69 Resp: 4262

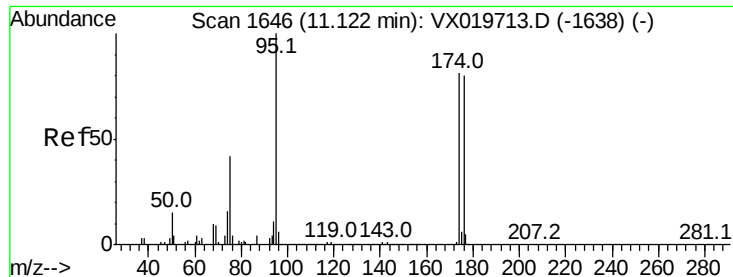
Ion Ratio Lower Upper

69 100

41 146.4 46.8 70.2#

39 78.2 24.7 37.1#





#62

4-Bromofluorobenzene

Concen: 49.440 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

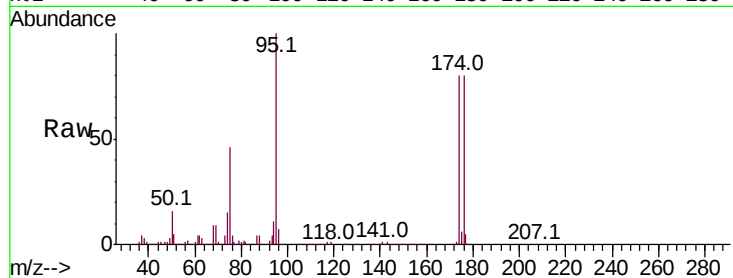
Tot Ion: 95 Resp: 242911

Ion Ratio Lower Upper

95 100

174 77.9 0.0 154.6

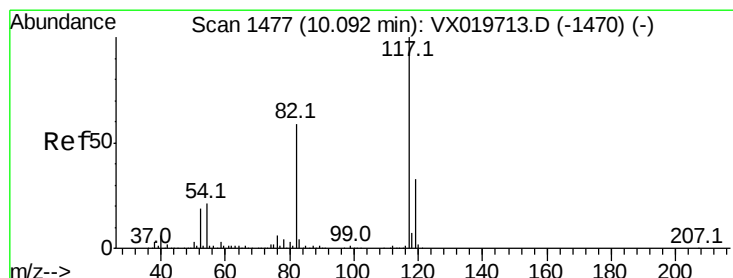
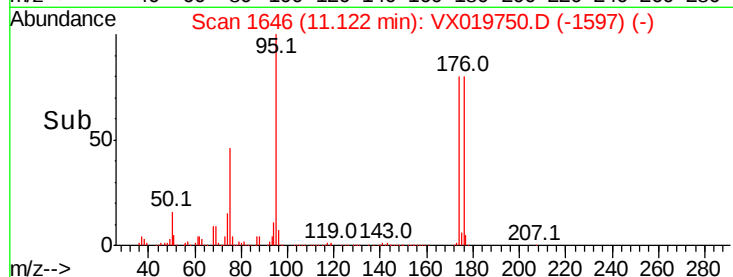
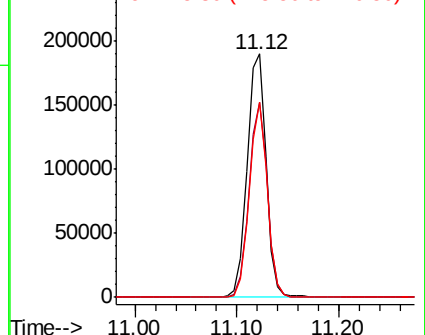
176 76.1 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

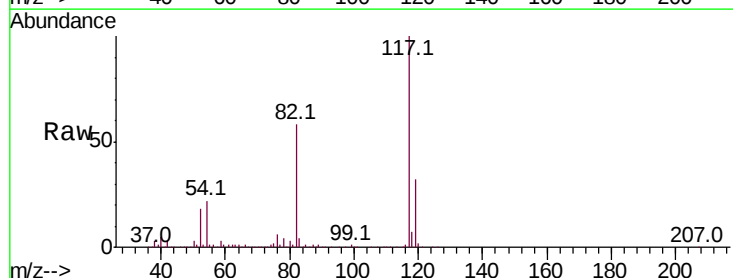
Tgt Ion: 117 Resp: 489415

Ion Ratio Lower Upper

117 100

82 57.8 47.4 71.2

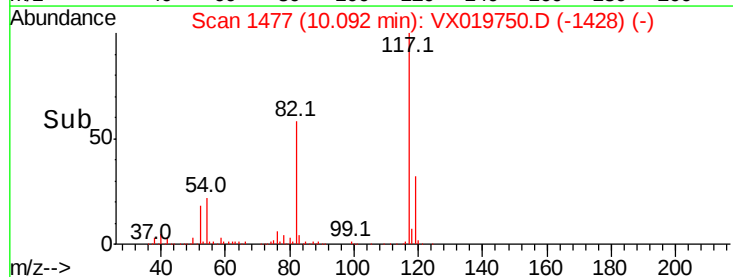
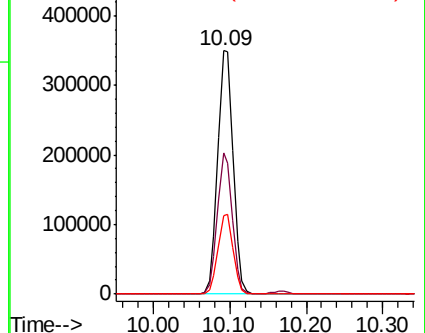
119 32.4 26.6 39.8

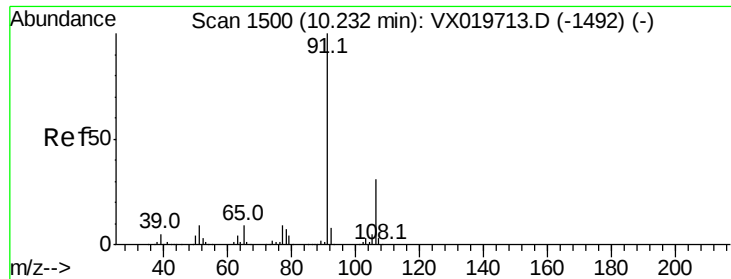


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

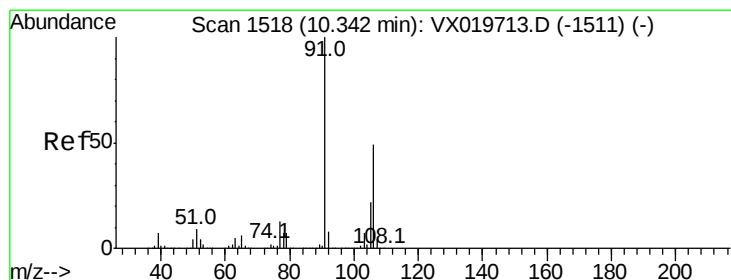
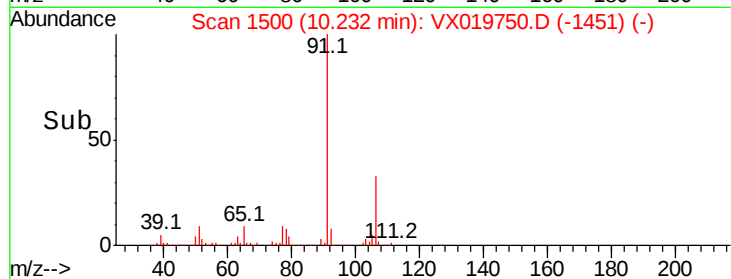
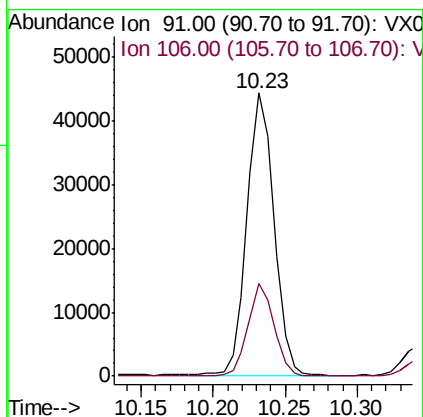
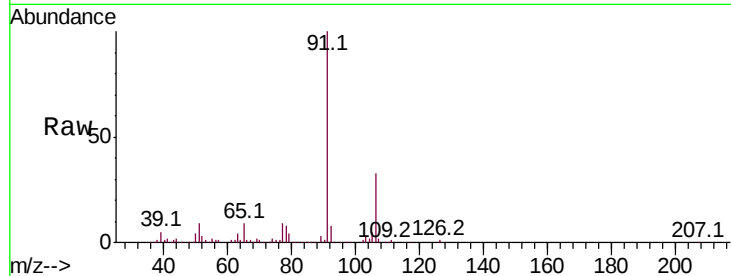




#67
Ethyl Benzene
Concen: 3.321 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

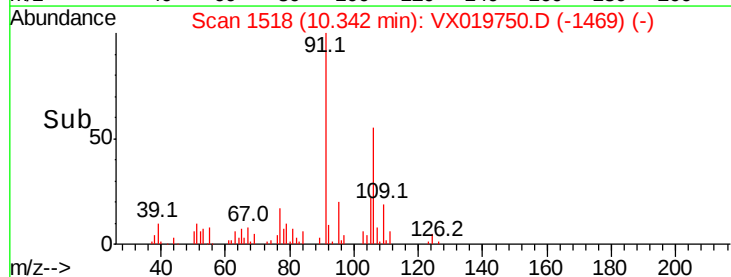
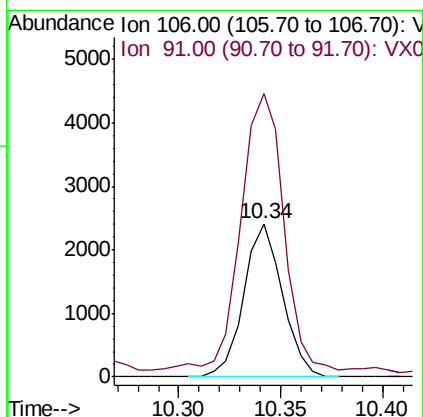
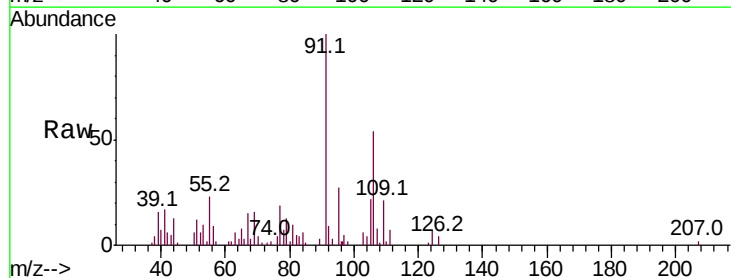
Instrument :
MSVOA_X
ClientSampled :
MW-5DL

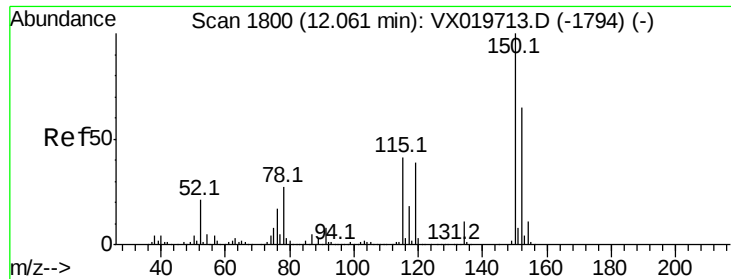
Tot Ion: 91 Resp: 57476
Ion Ratio Lower Upper
91 100
106 32.7 24.6 37.0



#68
m/p-Xylenes
Concen: 0.486 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

Tgt Ion: 106 Resp: 3168
Ion Ratio Lower Upper
106 100
91 197.8 162.8 244.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

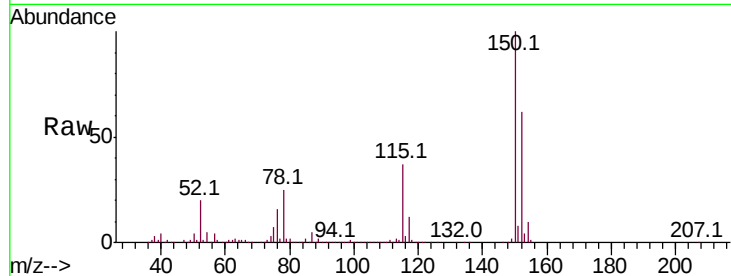
Tot Ion:152 Resp: 233801

Ion Ratio Lower Upper

152 100

115 59.2 41.1 123.3

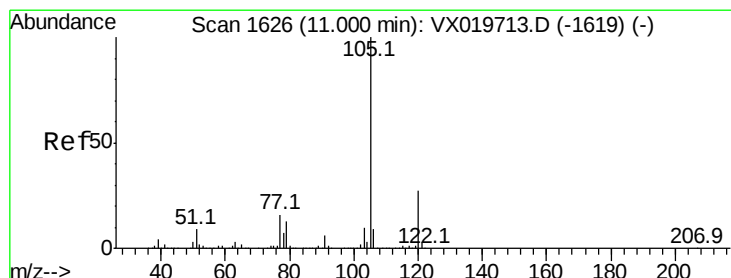
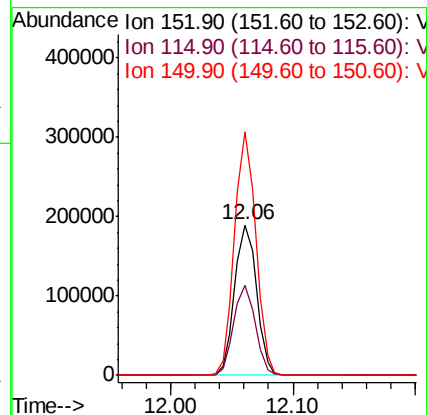
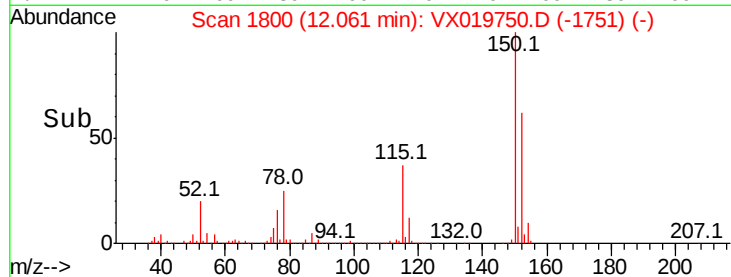
150 158.0 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 11.308 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019750.D

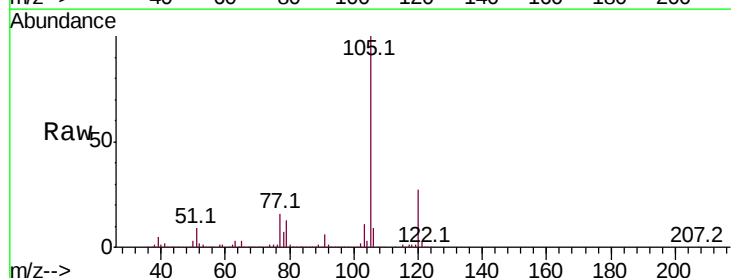
Acq: 07 Dec 2020 14:22

Tgt Ion:105 Resp: 180620

Ion Ratio Lower Upper

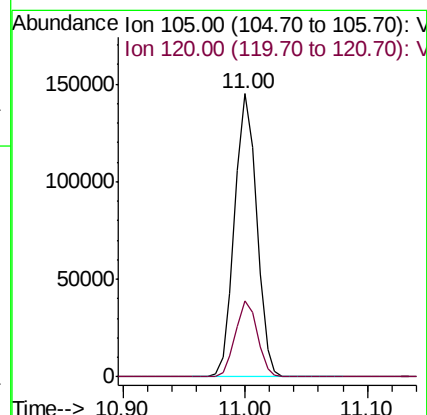
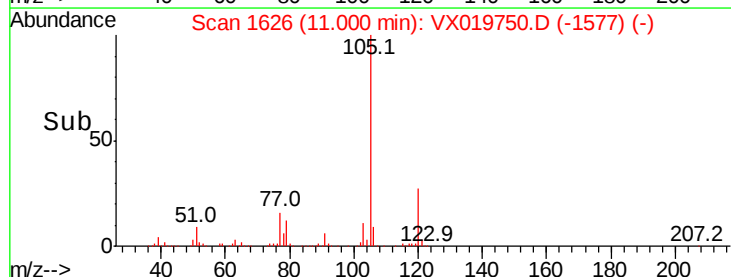
105 100

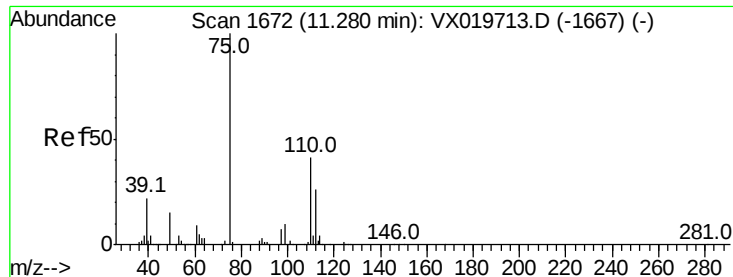
120 26.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 1.021 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.06 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

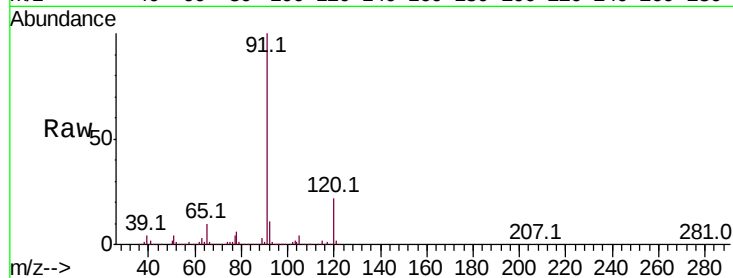
MW-5DL

Tot Ion: 75 Resp: 5356

Ion Ratio Lower Upper

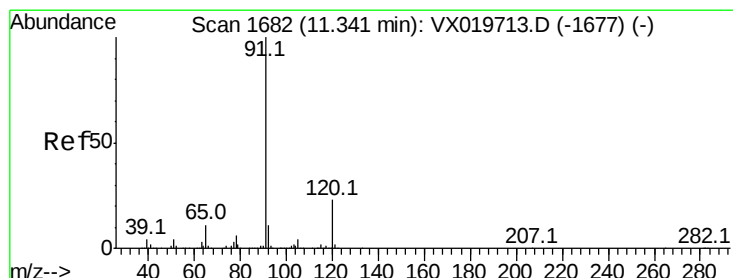
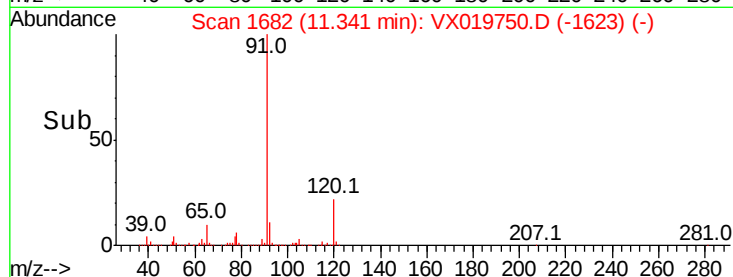
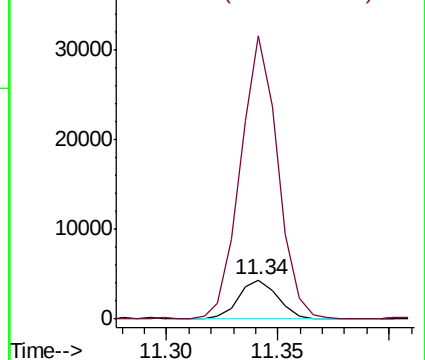
75 100

77 684.8 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 50.874 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019750.D

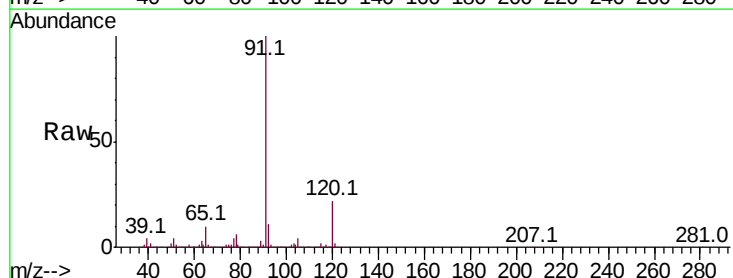
Acq: 07 Dec 2020 14:22

Tgt Ion: 91 Resp: 928133

Ion Ratio Lower Upper

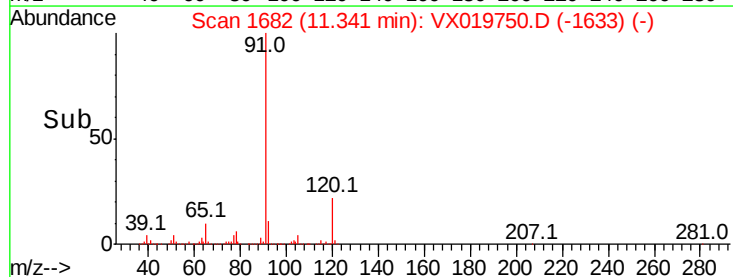
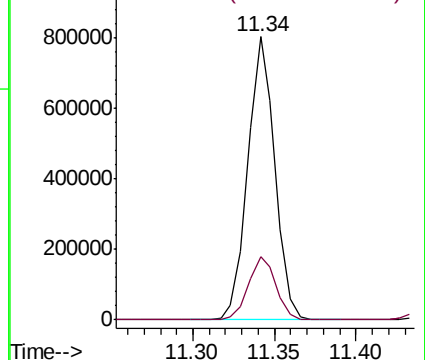
91 100

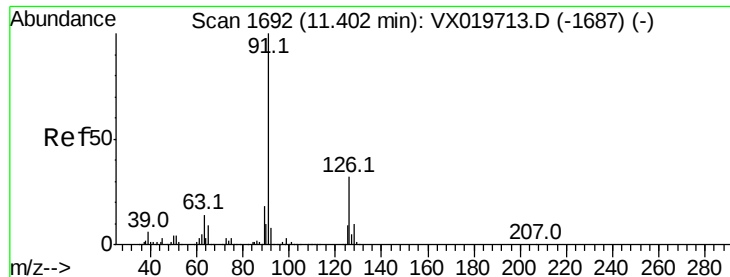
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 82.612 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.06 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

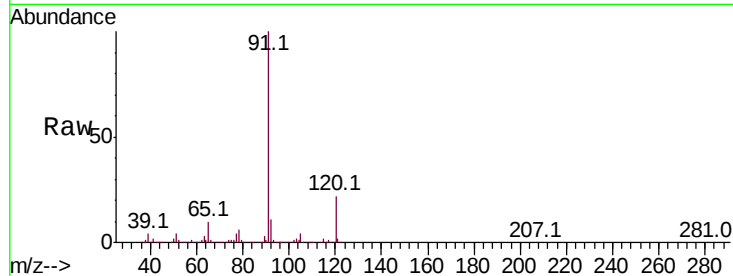
MW-5DL

Tot Ion: 91 Resp: 928133

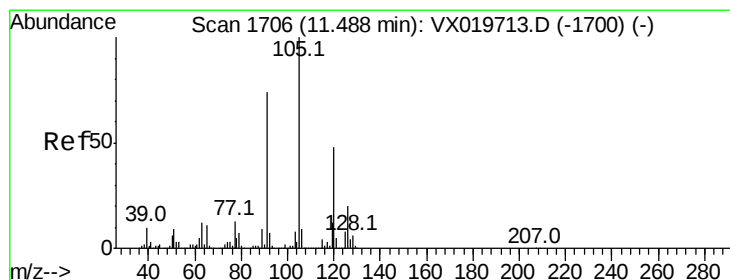
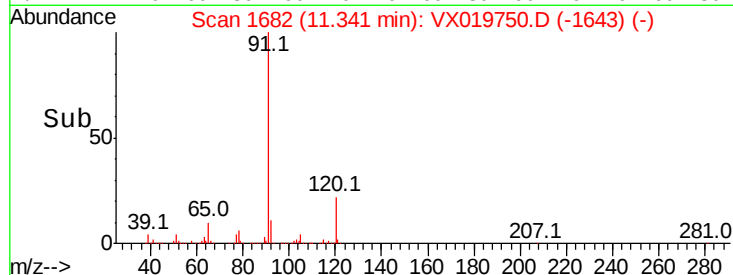
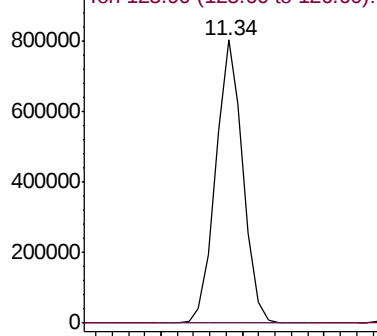
Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.460 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. -0.05 min

Lab File: VX019750.D

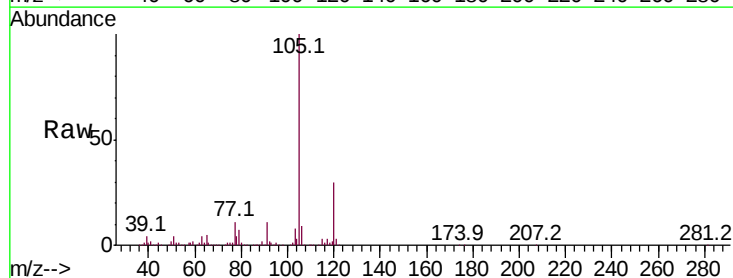
Acq: 07 Dec 2020 14:22

Tgt Ion:105 Resp: 73606

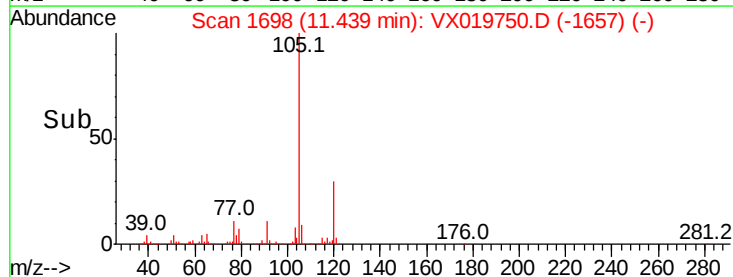
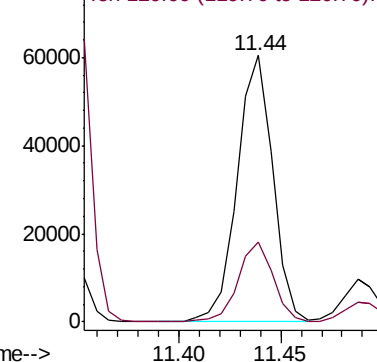
Ion Ratio Lower Upper

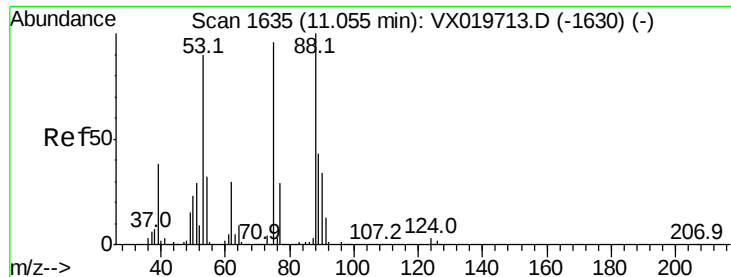
105 100

120 29.7 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019713.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 63.404 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. 0.06 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

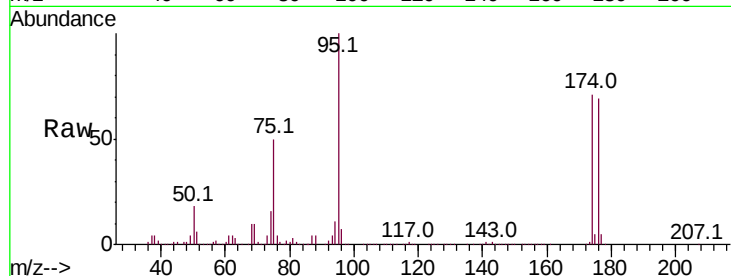
Tot Ion: 75 Resp: 115010

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

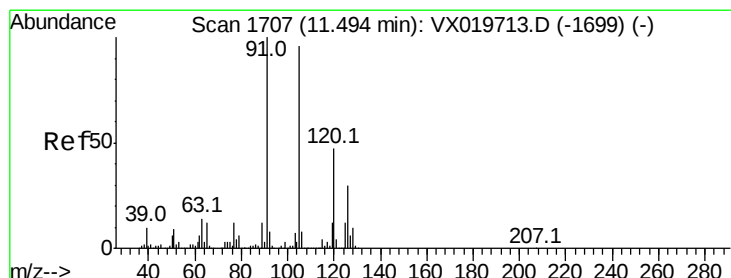
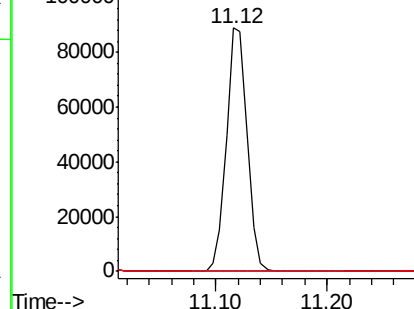
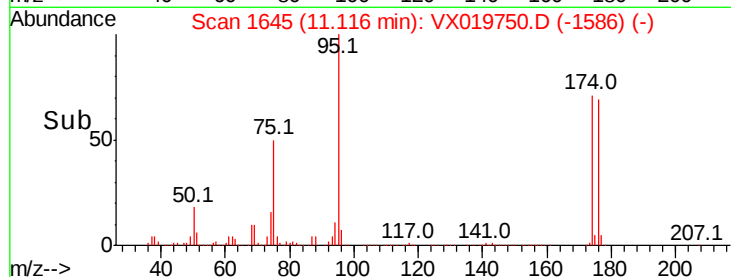
89 0.0 37.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 70.537 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.15 min

Lab File: VX019750.D

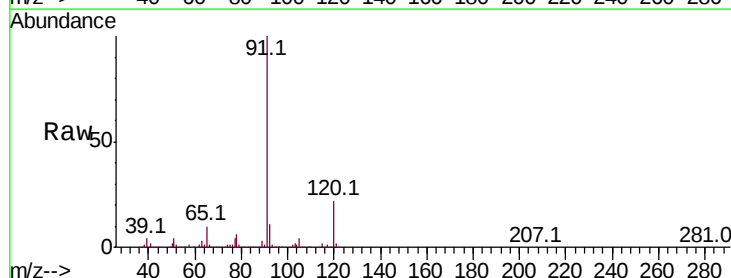
Acq: 07 Dec 2020 14:22

Tgt Ion: 91 Resp: 928133

Ion Ratio Lower Upper

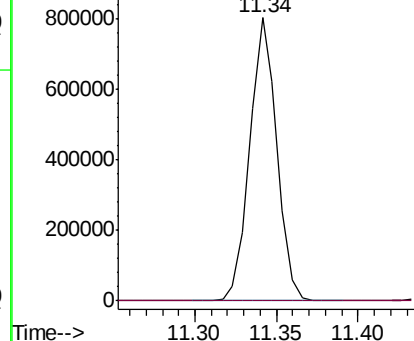
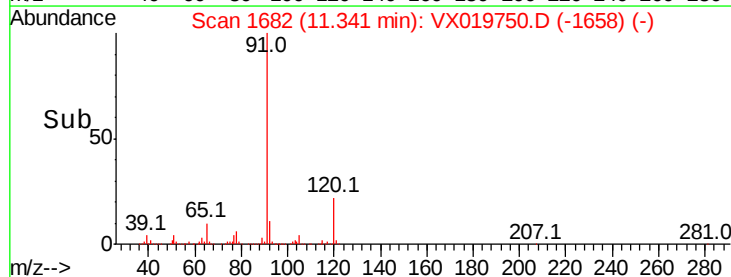
91 100

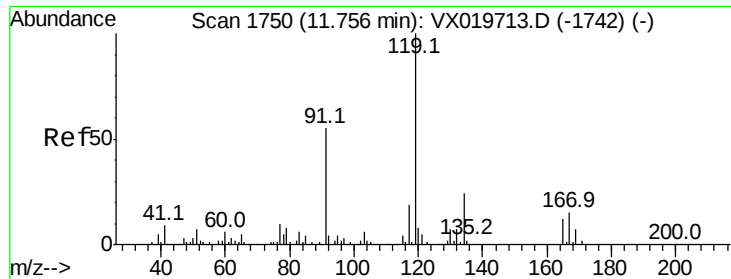
126 0.0 14.9 44.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

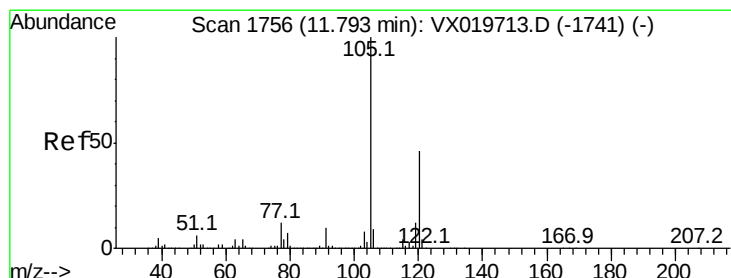
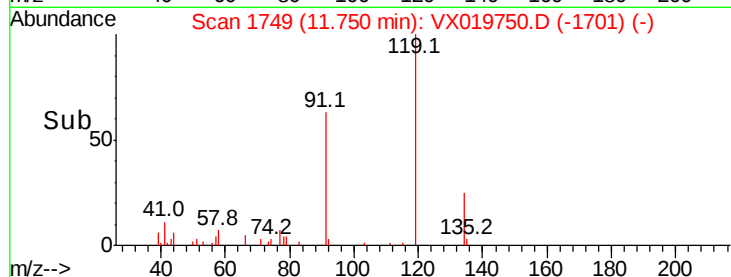
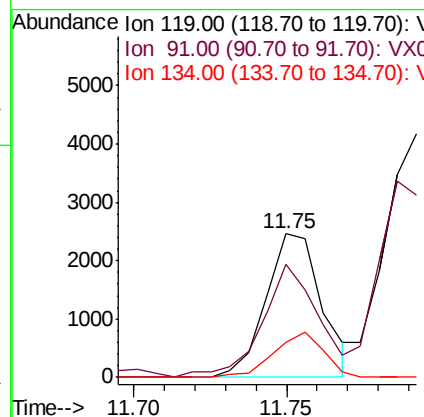
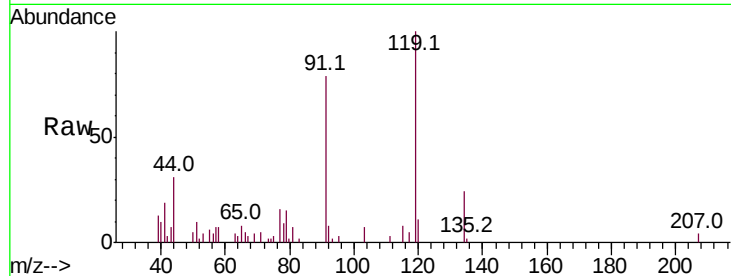




#83
tert-Butylbenzene
Concen: 0.236 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

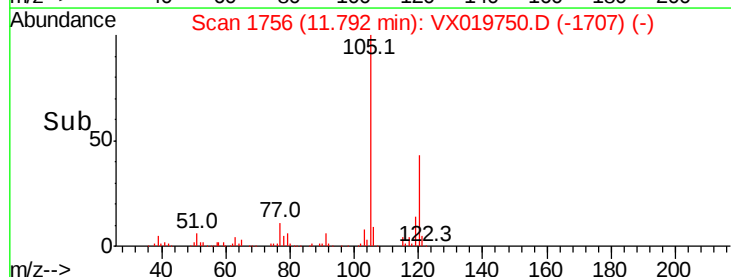
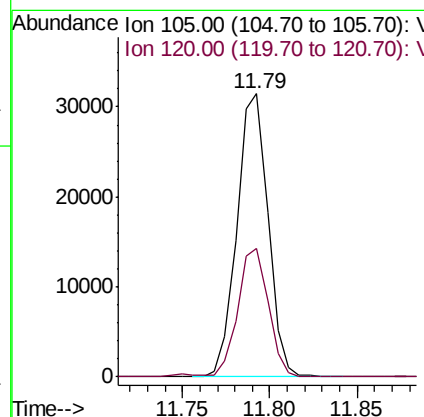
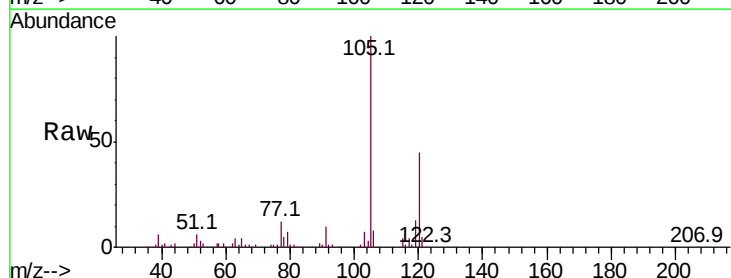
Instrument :
MSVOA_X
ClientSampled :
MW-5DL

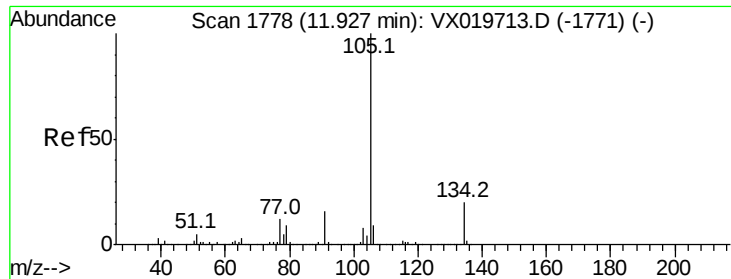
Tot Ion:119 Resp: 3121
Ion Ratio Lower Upper
119 100
91 0.0 27.9 83.7#
134 28.5 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 2.876 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

Tgt Ion:105 Resp: 39057
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3

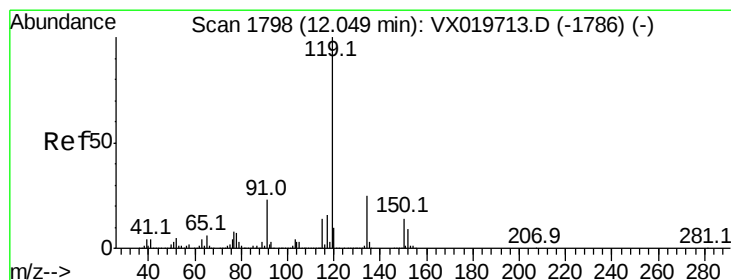
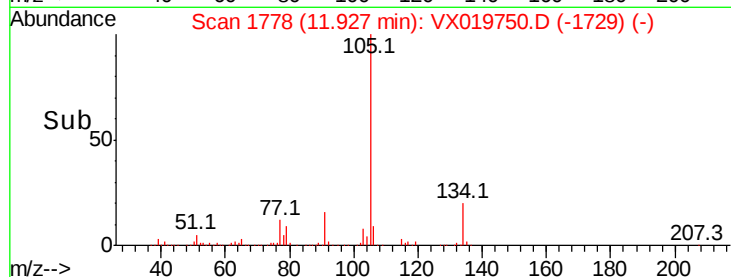
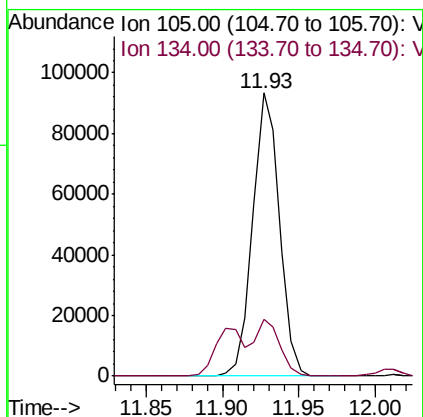
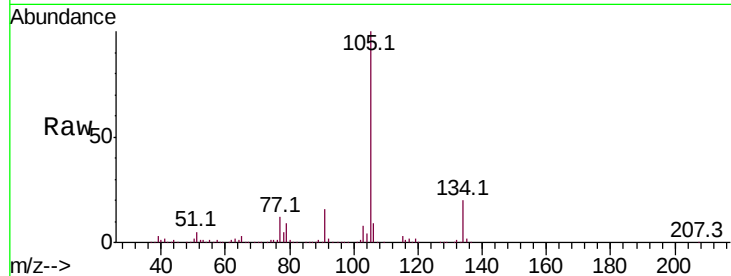




#85
 sec-Butylbenzene
 Concen: 7.529 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019750.D
 Acq: 07 Dec 2020 14:22

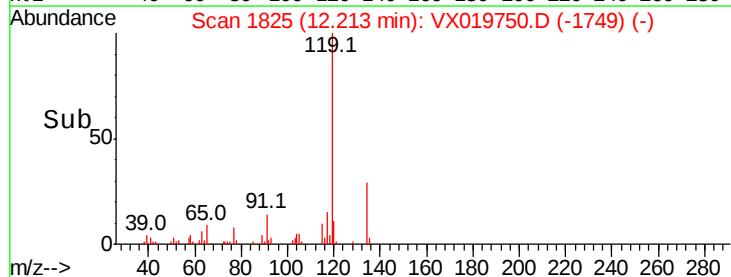
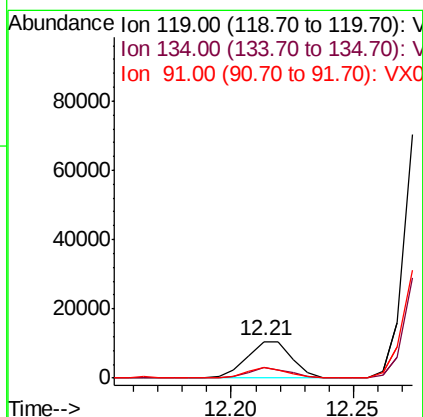
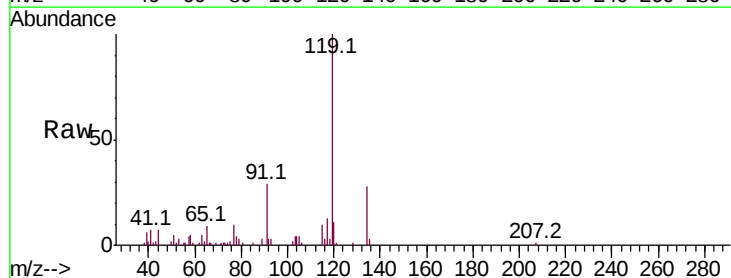
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5DL

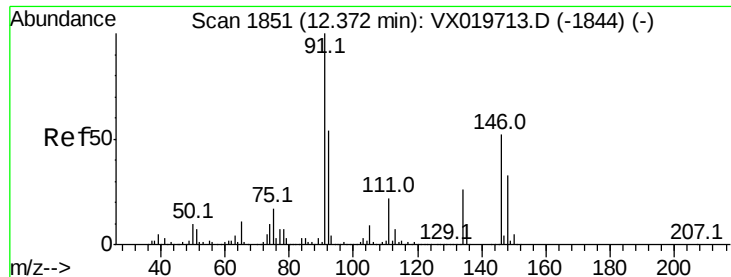
Tot Ion:105 Resp: 113654
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 0.986 ug/l
 RT: 12.21 min Scan# 1825
 Delta R.T. 0.16 min
 Lab File: VX019750.D
 Acq: 07 Dec 2020 14:22

Tgt Ion:119 Resp: 13634
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 25.1 11.7 35.0

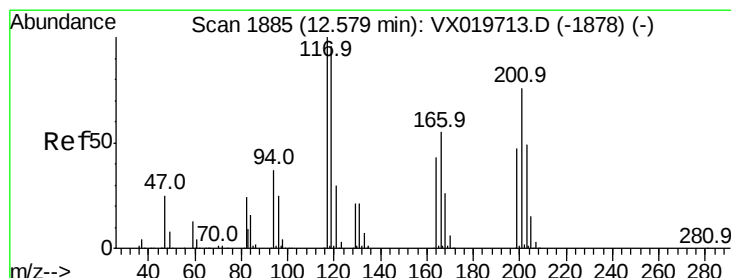
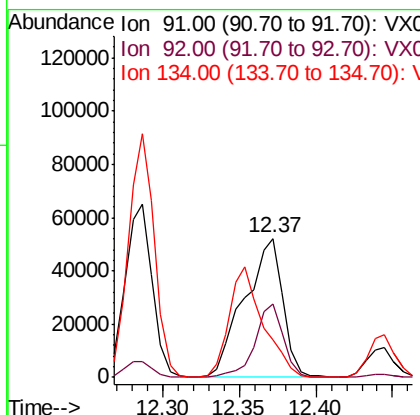
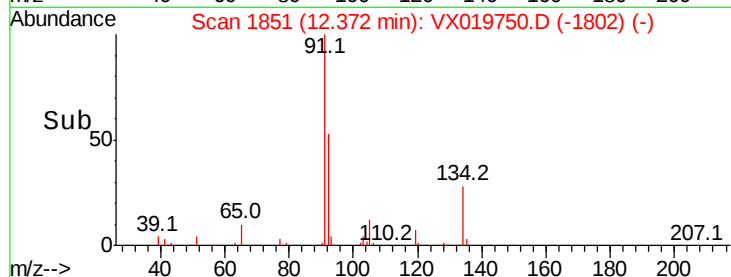
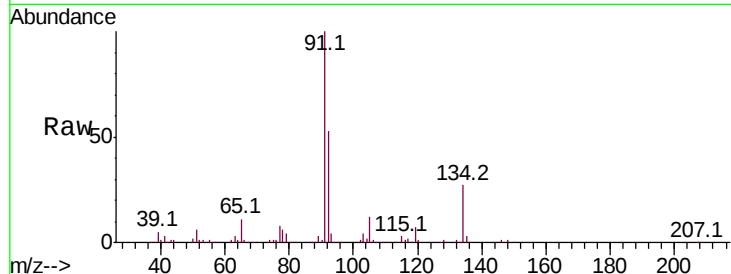




#89
n-Butylbenzene
Concen: 7.422 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

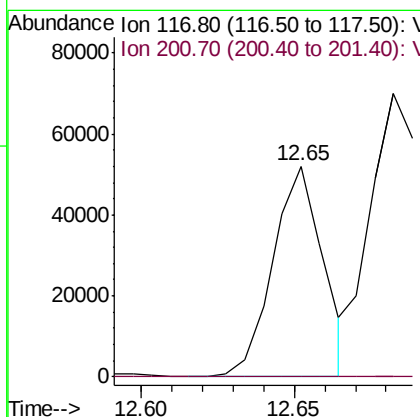
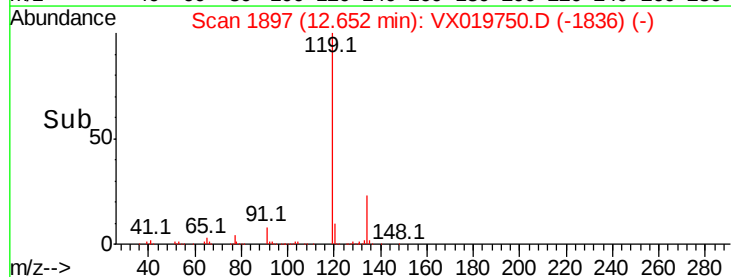
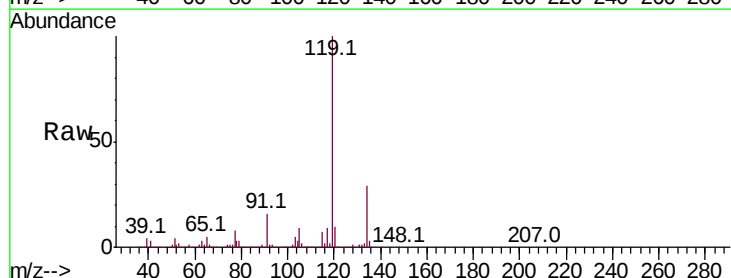
Instrument :
MSVOA_X
ClientSampled :
MW-5DL

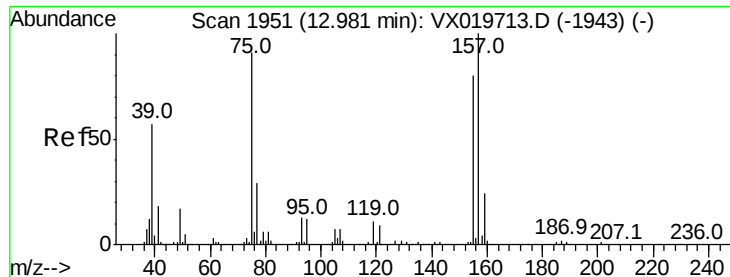
Tot Ion: 91 Resp: 90974
Ion Ratio Lower Upper
91 100
92 38.9 27.4 82.0
134 70.1 13.2 39.5#



#90
Hexachloroethane
Concen: 24.694 ug/l
RT: 12.65 min Scan# 1897
Delta R.T. 0.07 min
Lab File: VX019750.D
Acq: 07 Dec 2020 14:22

Tgt Ion: 117 Resp: 58981
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.095 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

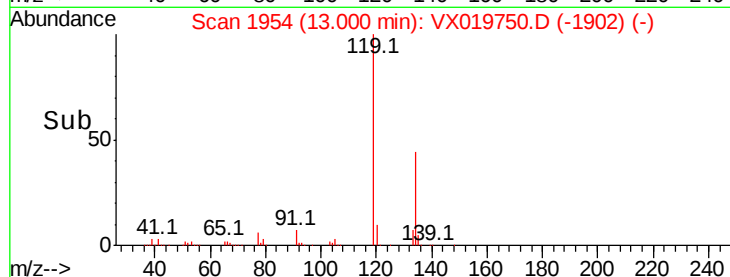
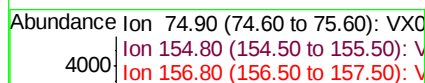
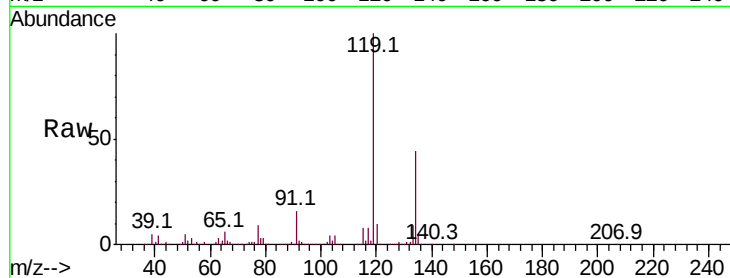
Tot Ion: 75 Resp: 1326

Ion Ratio Lower Upper

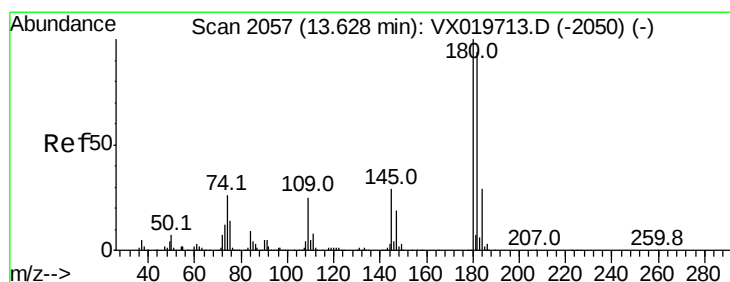
75 100

155 0.0 45.3 135.9#

157 0.0 57.7 173.1#



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.269 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

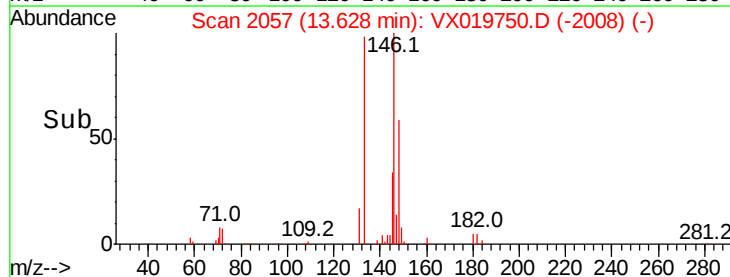
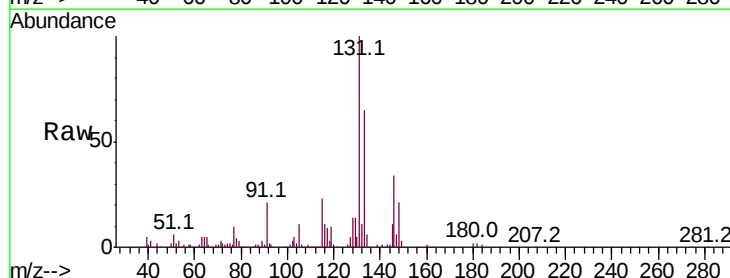
Tgt Ion:180 Resp: 1283

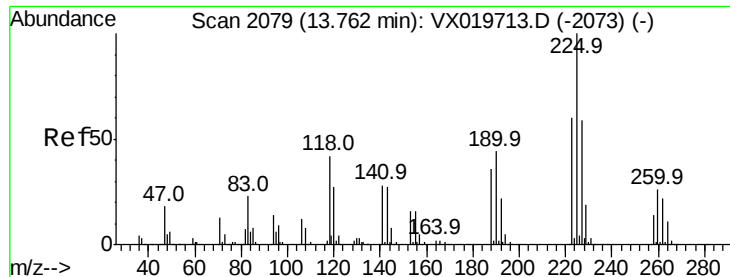
Ion Ratio Lower Upper

180 100

182 98.6 47.7 143.1

145 711.5 15.0 45.0#





#94

Hexachlorobutadiene

Concen: 0.286 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

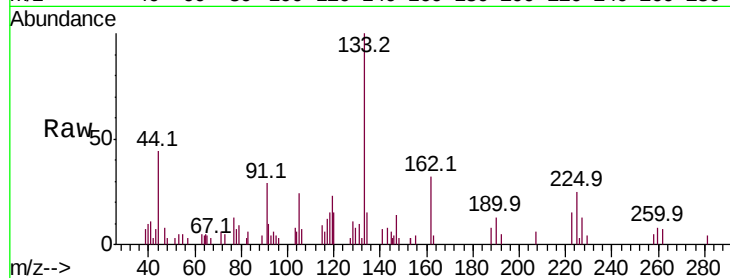
Tot Ion:225 Resp: 609

Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

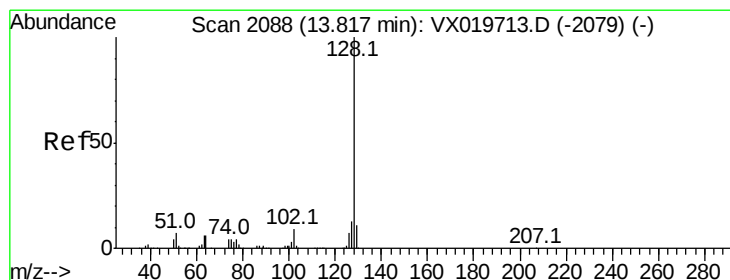
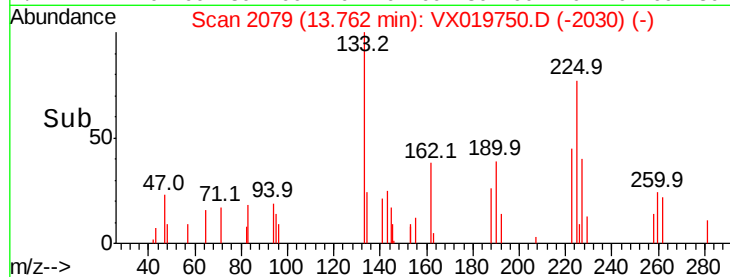
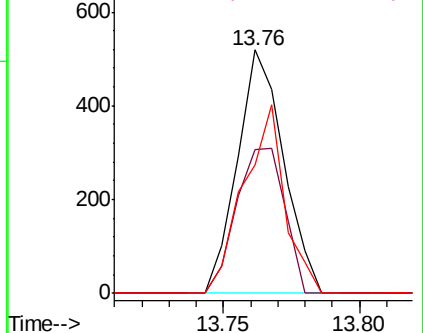
227 68.8 31.6 95.0



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: 3.341 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019750.D

Acq: 07 Dec 2020 14:22

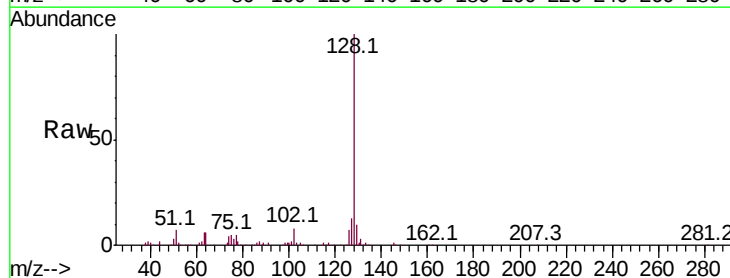
Tgt Ion:128 Resp: 51565

Ion Ratio Lower Upper

128 100

127 14.4 10.3 15.5

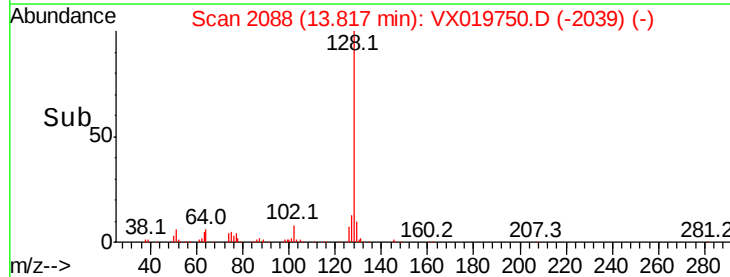
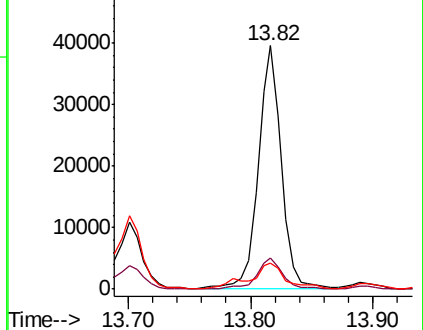
129 15.6 8.8 13.2#

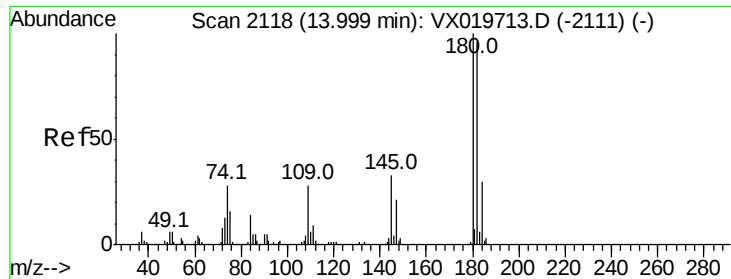


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

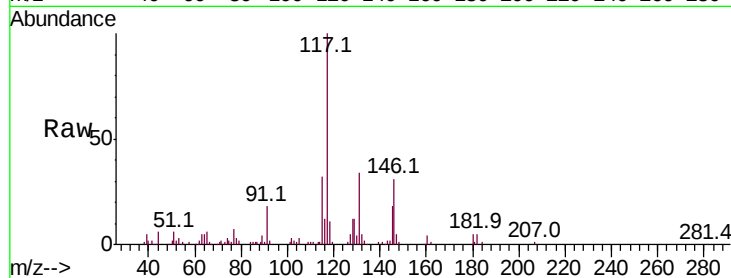




#96
 1,2,3-Trichlorobenzene
 Concen: 0.268 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX019750.D
 Acq: 07 Dec 2020 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	86.9	47.6	142.9
145	609.1	16.1	48.3#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

