

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019101.D
 Acq On : 24 Oct 2020 02:59
 Operator : JC/SP
 Sample : L4417-21DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Quant Time: Oct 26 05:38:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	281245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	487547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	464274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	239188	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	170655	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
35) Dibromofluoromethane	5.46	113	149492	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	8.70	98	607670	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.12	95	218537	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	335	Below Cal		91
6) Chloroethane	1.93	64	19	1.280	ug/l #	43
10) Methyl Iodide	2.50	142	136	4.803	ug/l #	42
11) Tert butyl alcohol	3.02	59	825	1.209	ug/l #	73
13) Acrolein	2.25	56	7167	39.963	ug/l #	1
14) Allyl chloride	2.83	41	23109	6.526	ug/l #	20
15) Acrylonitrile	3.15	53	1619	1.227	ug/l #	42
16) Acetone	2.42	43	2749	2.396	ug/l	99
18) Methyl Acetate	2.75	43	1180	0.414	ug/l #	44
19) Methyl tert-butyl Ether	3.17	73	26359	3.040	ug/l #	1
23) Vinyl Acetate	3.79	43	1783	0.269	ug/l #	65
25) 2-Butanone	4.66	43	1409	0.777	ug/l #	74
30) Chloroform	5.25	83	5261	0.953	ug/l #	19
31) Cyclohexane	5.55	56	26841	6.804	ug/l	95
36) 1,1-Dichloropropene	5.63	75	21067	4.816	ug/l #	48
38) Carbon Tetrachloride	5.62	117	27578	6.006	ug/l #	16
39) Methylcyclohexane	7.44	83	14801	3.020	ug/l	91
40) Benzene	6.12	78	153915	11.946	ug/l	99
41) Methacrylonitrile	5.03	41	461	0.230	ug/l #	16
42) 1,2-Dichloroethane	6.11	62	1405	0.320	ug/l #	72
47) Bromodichloromethane	7.93	83	1406	0.305	ug/l #	25
52) Toluene	8.76	92	514848	60.500	ug/l	99
53) t-1,3-Dichloropropene	8.76	75	5607	1.076	ug/l #	1
55) 1,1,2-Trichloroethane	9.15	97	1136	0.327	ug/l #	24
59) 2-Hexanone	9.49	43	787	0.283	ug/l	93
67) Ethyl Benzene	10.24	91	1574858	93.815	ug/l	98
68) m/p-Xylenes	10.34	106	227993	35.455	ug/l	98
69) o-Xylene	10.68	106	46196	7.506	ug/l	99
70) Styrene	10.68	104	2555	0.245	ug/l #	1
73) Isopropylbenzene	11.00	105	346831	20.157	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	107174	22.418	ug/l #	36
78) n-propylbenzene	11.34	91	431222	22.117	ug/l	98
79) 2-Chlorotoluene	11.42	91	14557	1.280	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	57185	4.025	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

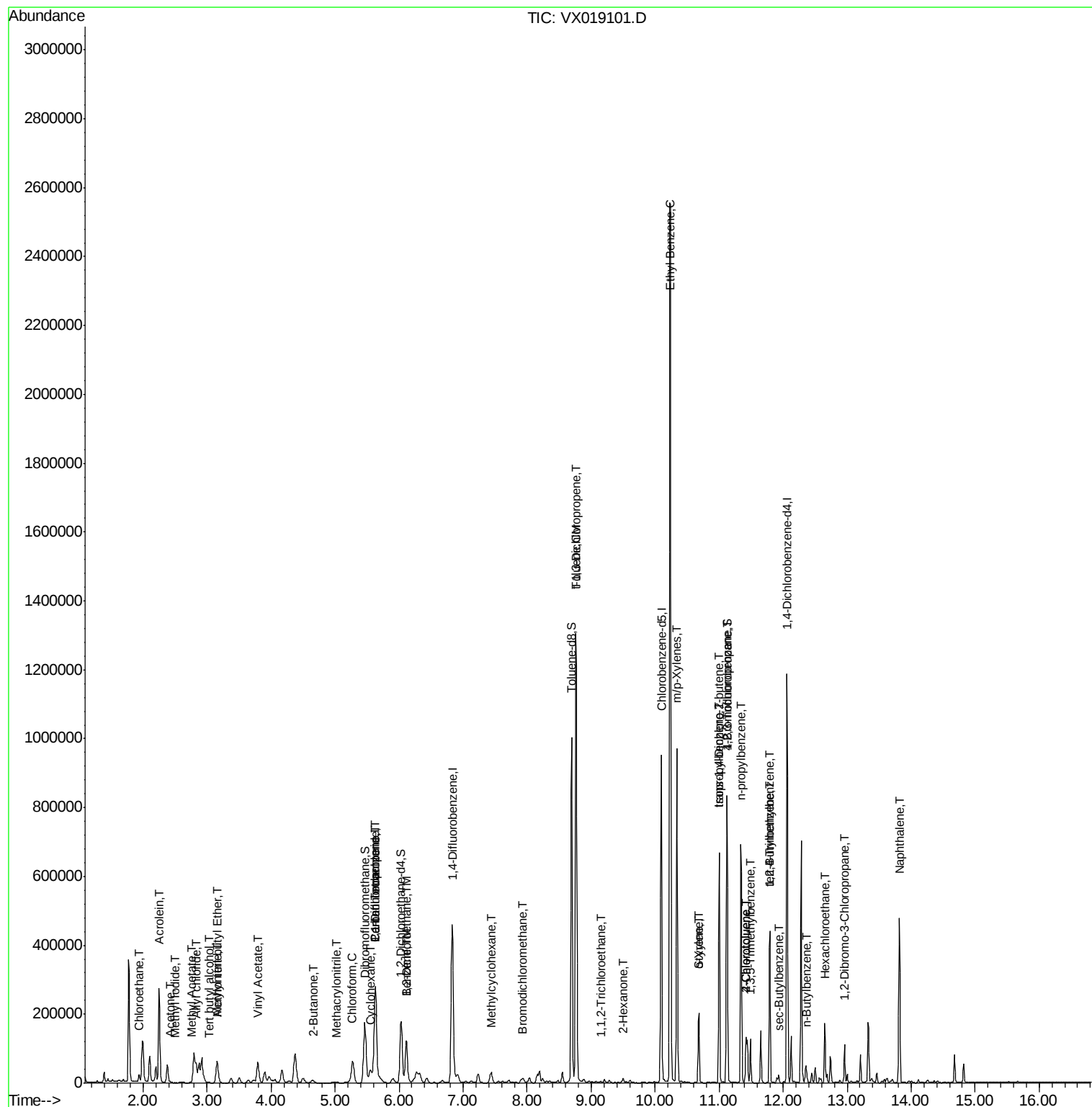
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.00	75	3623	1.931	ug/l #	51
82) 4-Chlorotoluene	11.42	91	14557	1.076	ug/l #	44
83) tert-Butylbenzene	11.79	119	23370	1.670	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.79	105	193444	13.596	ug/l	99
85) sec-Butylbenzene	11.93	105	12037	0.711	ug/l	97
89) n-Butylbenzene	12.37	91	12559	0.887	ug/l #	59
90) Hexachloroethane	12.65	117	7252	3.061	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.96	75	409	0.347	ug/l #	1
95) Naphthalene	13.82	128	299554	17.509	ug/l	100

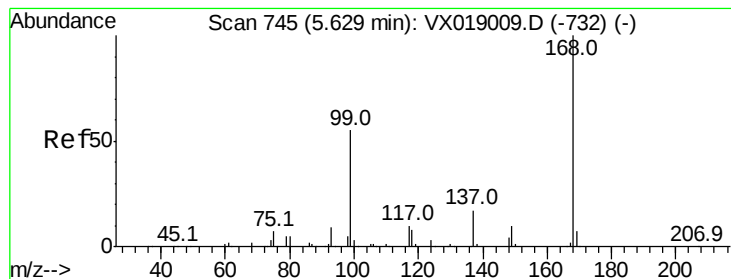
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampled :

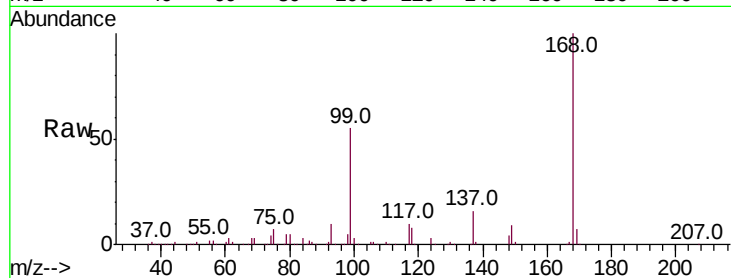
MW-3DL

Tot Ion:168 Resp: 281245

Ion Ratio Lower Upper

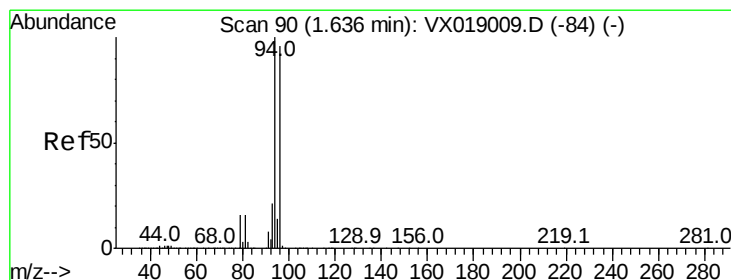
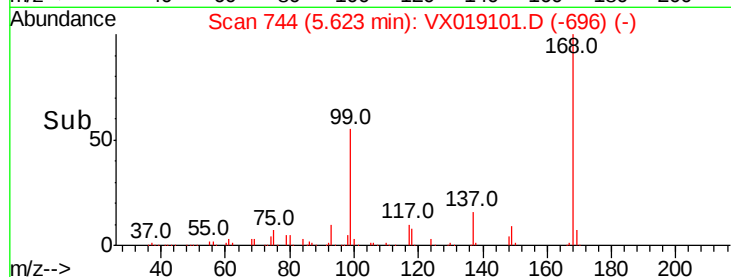
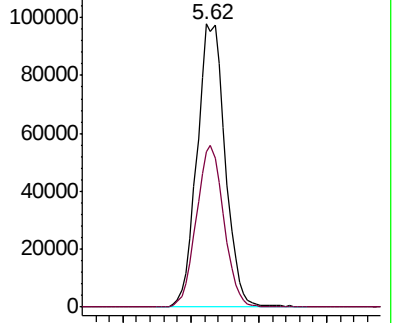
168 100

99 55.0 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX019101.D

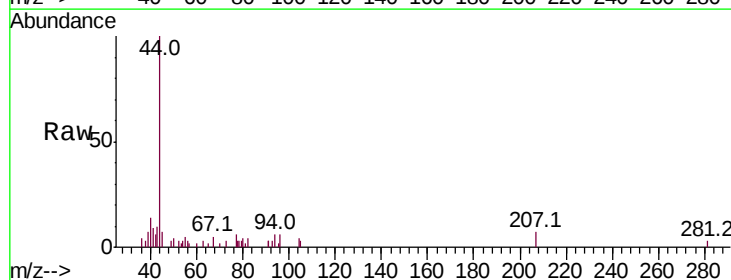
Acq: 24 Oct 2020 02:59

Tgt Ion: 94 Resp: 335

Ion Ratio Lower Upper

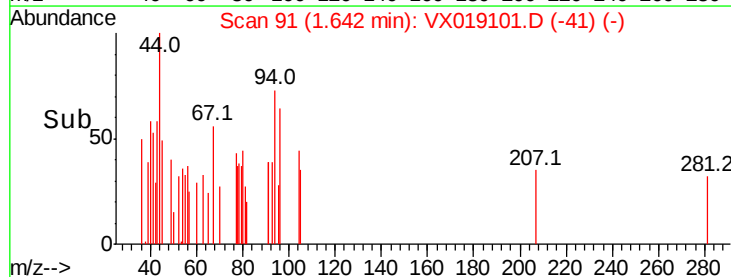
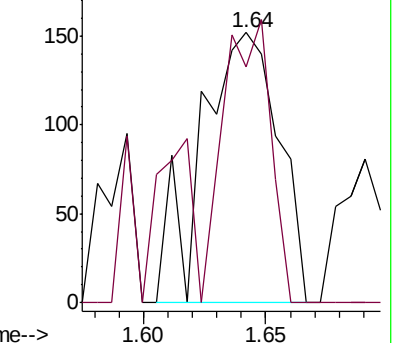
94 100

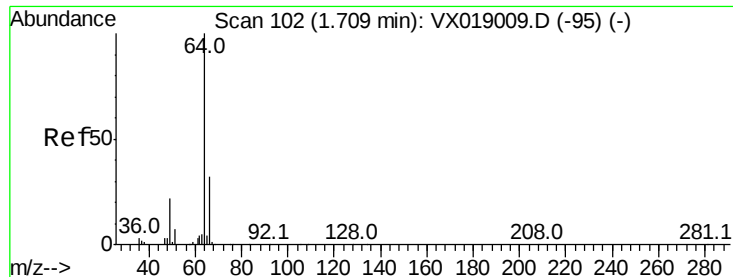
96 87.5 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.280 ug/l

RT: 1.93 min Scan# 138

Delta R.T. 0.22 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampleId :

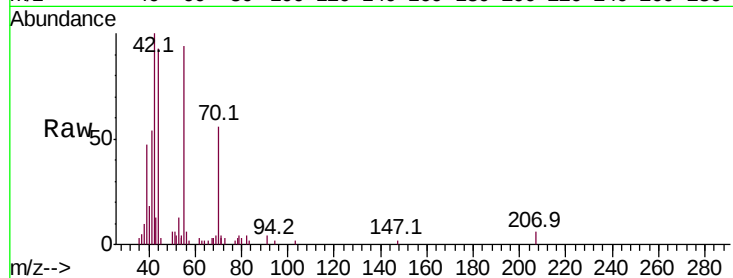
MW-3DL

Tot Ion: 64 Resp: 19

Ion Ratio Lower Upper

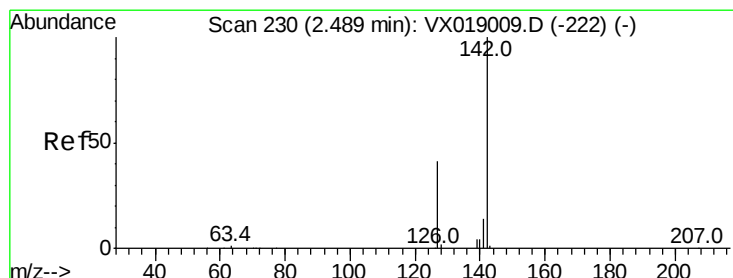
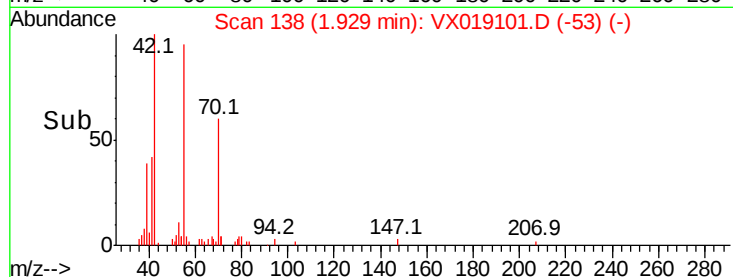
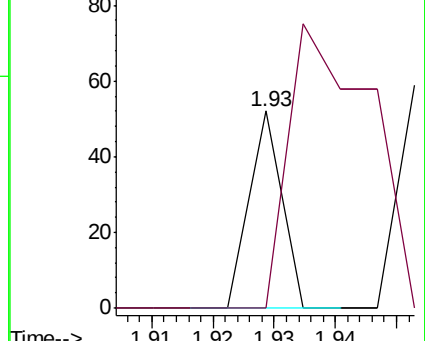
64 100

66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.803 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

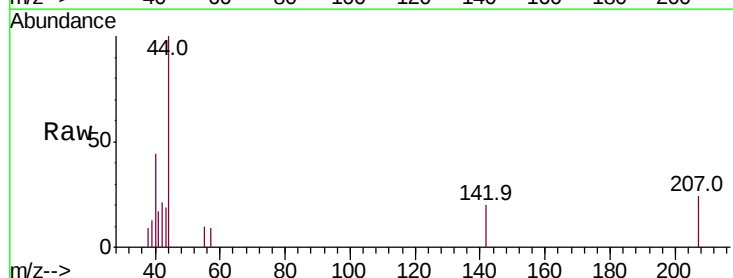
Tgt Ion:142 Resp: 136

Ion Ratio Lower Upper

142 100

127 0.0 33.6 50.4#

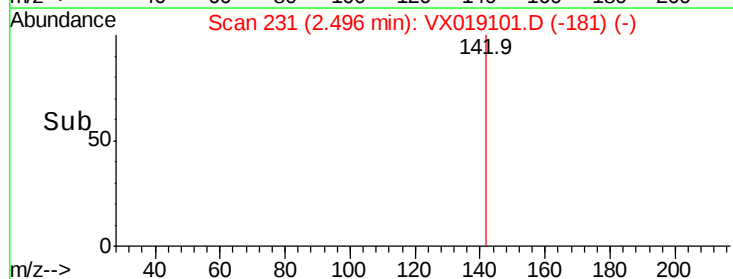
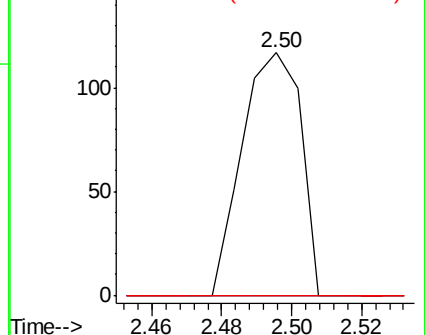
141 0.0 11.2 16.8#

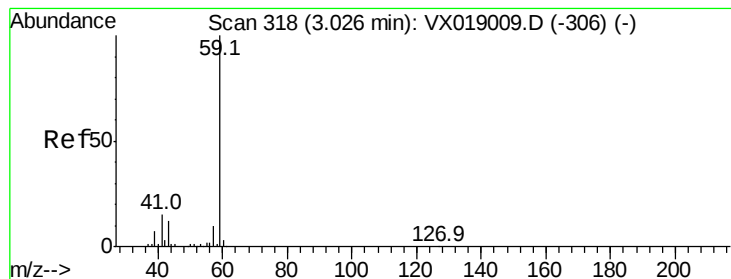


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



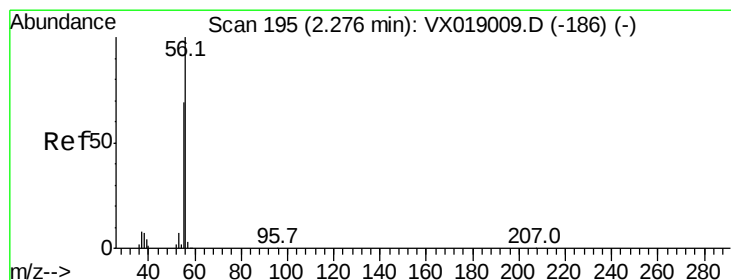
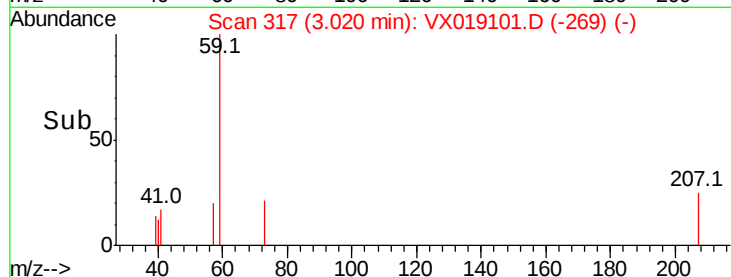
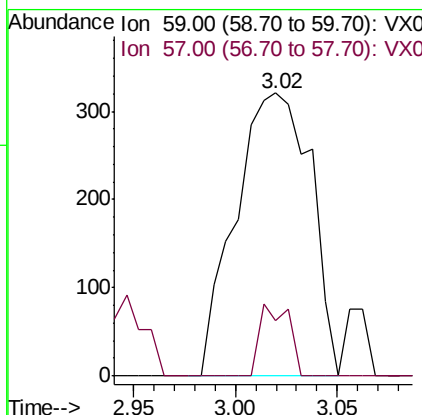
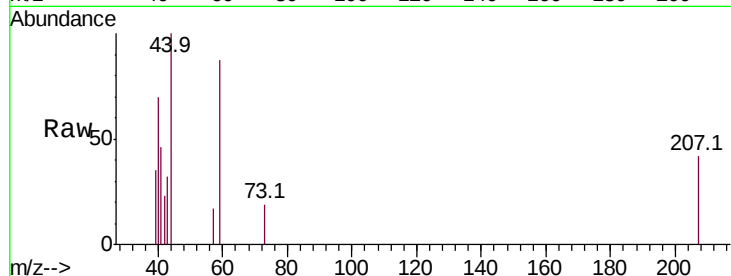


#11

Tert butyl alcohol
 Concen: 1.209 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.01 min
 Lab File: VX019101.D
 Acq: 24 Oct 2020 02:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

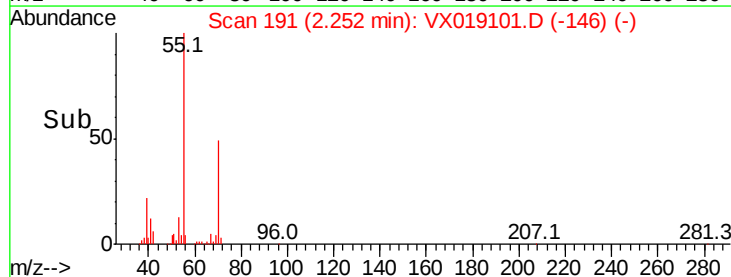
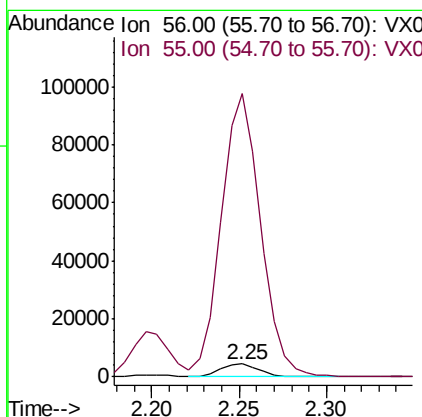
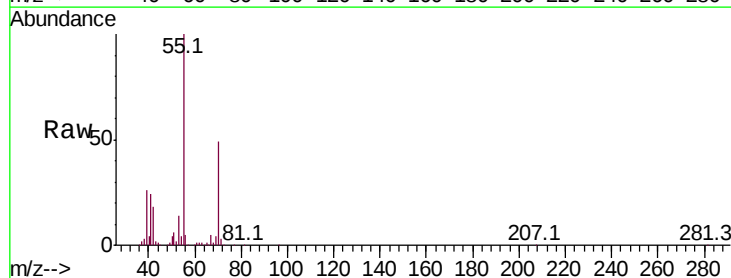
Tot Ion: 59 Resp: 825
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

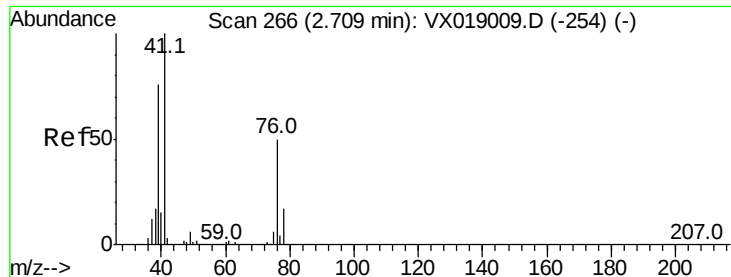


#13

Acrolein
 Concen: 39.963 ug/l
 RT: 2.25 min Scan# 191
 Delta R.T. -0.02 min
 Lab File: VX019101.D
 Acq: 24 Oct 2020 02:59

Tgt Ion: 56 Resp: 7167
 Ion Ratio Lower Upper
 56 100
 55 2125.4 54.2 81.4#





#14

Allvl chloride

Concen: 6.526 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.12 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

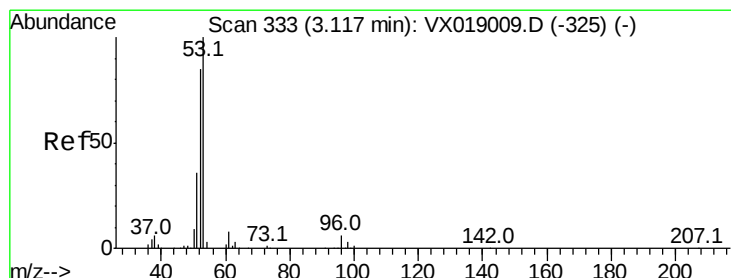
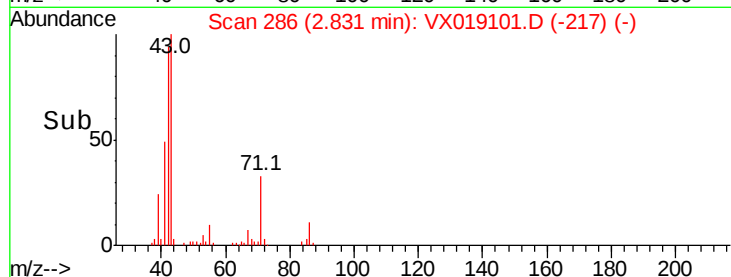
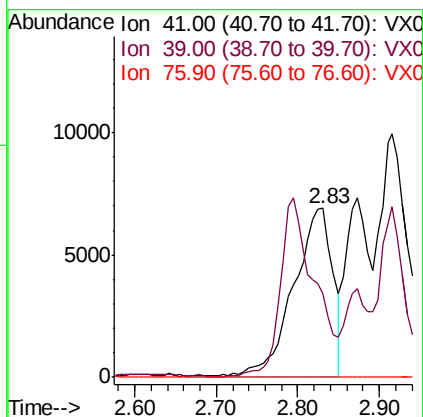
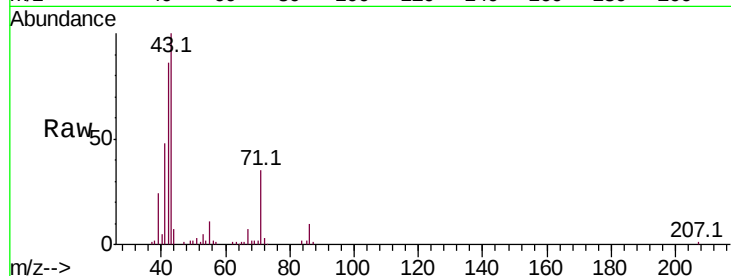
Tot Ion: 41 Resp: 23109

Ion Ratio Lower Upper

41 100

39 0.0 57.4 86.0#

76 0.0 37.7 56.5#



#15

Acrylonitrile

Concen: 1.227 ug/l

RT: 3.15 min Scan# 339

Delta R.T. 0.04 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

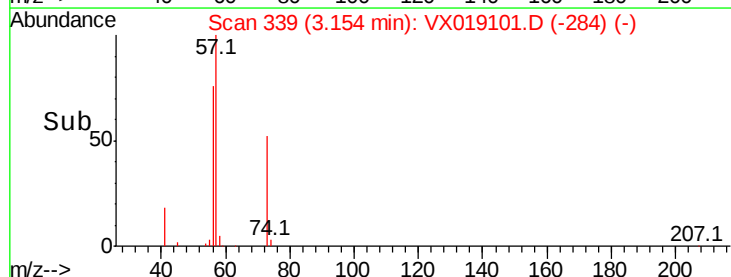
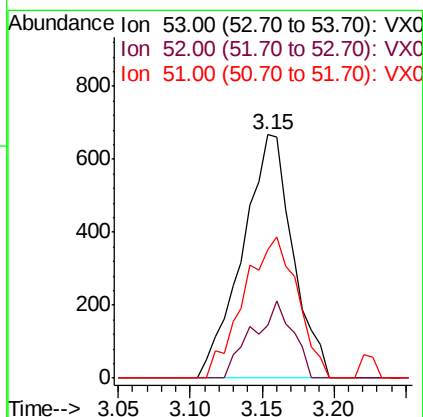
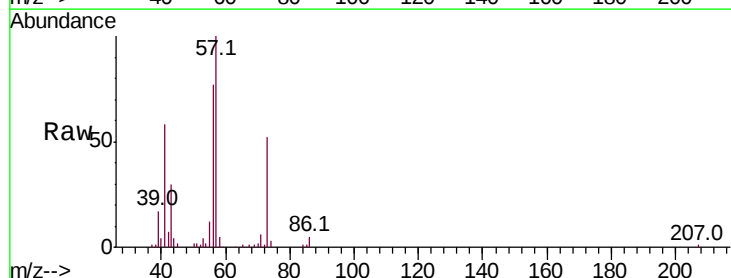
Tgt Ion: 53 Resp: 1619

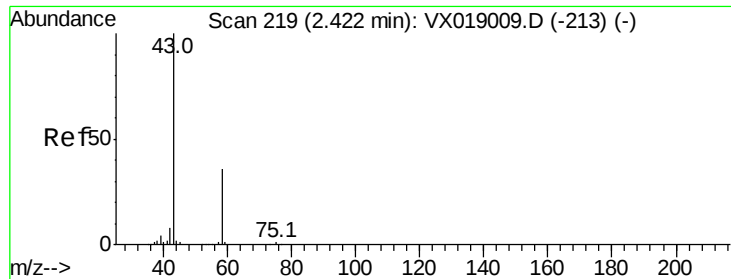
Ion Ratio Lower Upper

53 100

52 25.5 65.9 98.9#

51 62.0 28.3 42.5#





#16

Acetone

Concen: 2.396 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

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ClientSampleId :

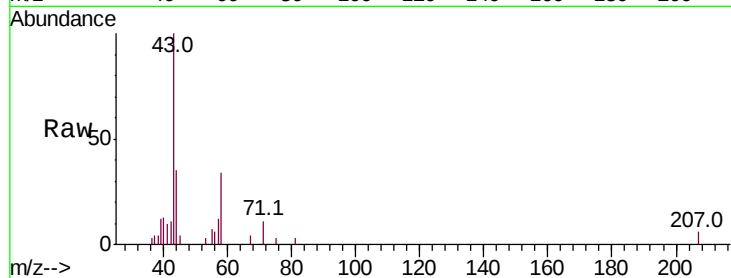
MW-3DL

Tot Ion: 43 Resp: 2749

Ion Ratio Lower Upper

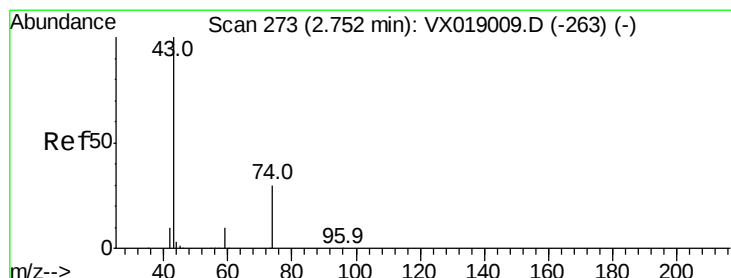
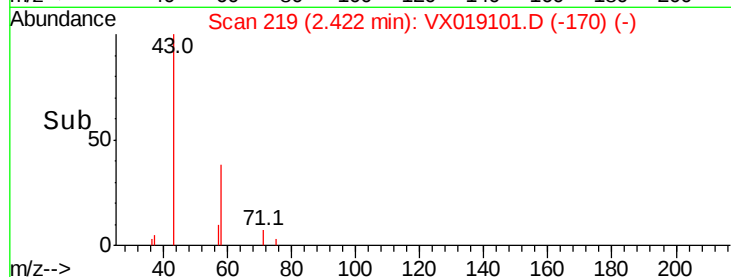
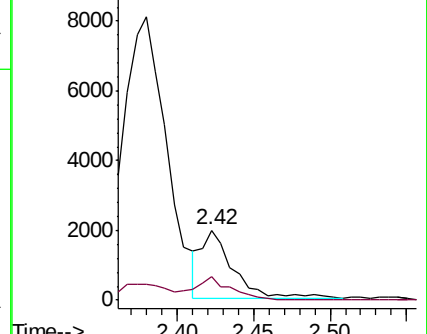
43 100

58 34.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.414 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019101.D

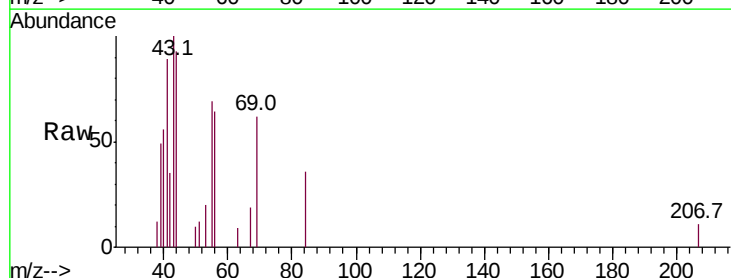
Acq: 24 Oct 2020 02:59

Tgt Ion: 43 Resp: 1180

Ion Ratio Lower Upper

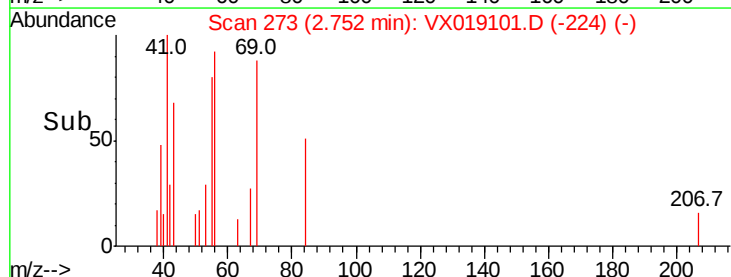
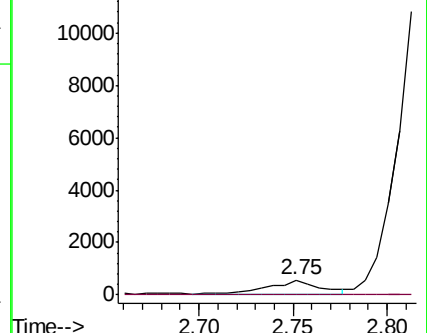
43 100

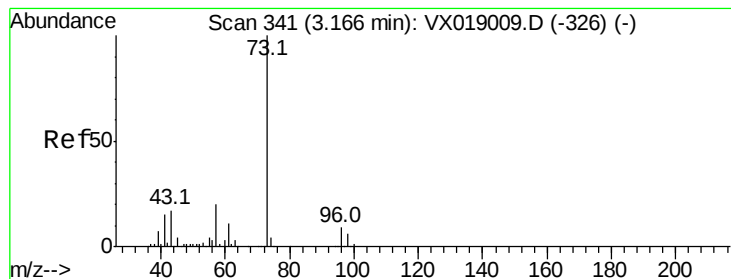
74 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 3.040 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

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ClientSampleId :

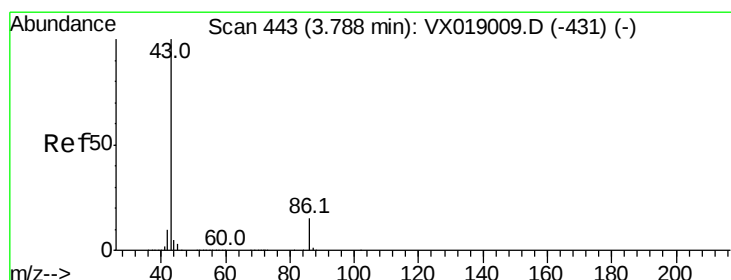
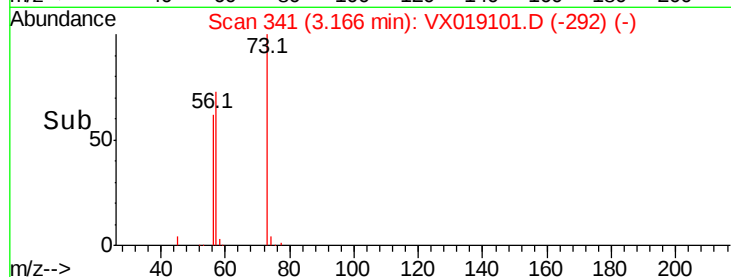
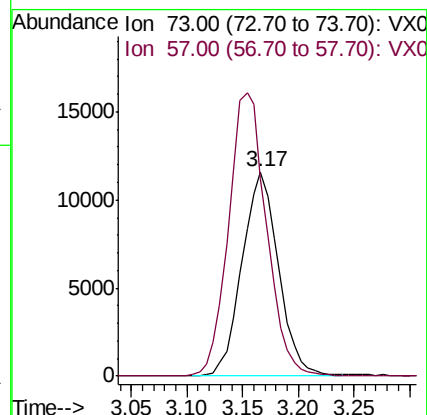
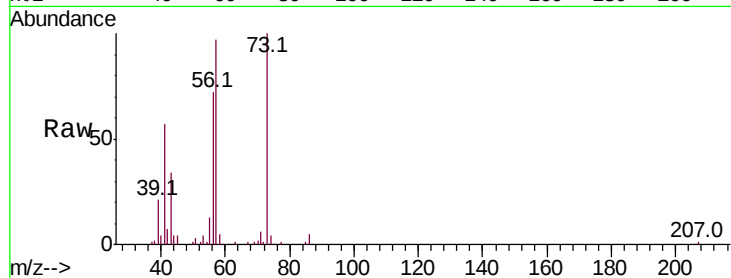
MW-3DL

Tot Ion: 73 Resp: 26359

Ion Ratio Lower Upper

73 100

57 96.7 16.2 24.2#



#23

Vinyl Acetate

Concen: 0.269 ug/l

RT: 3.79 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX019101.D

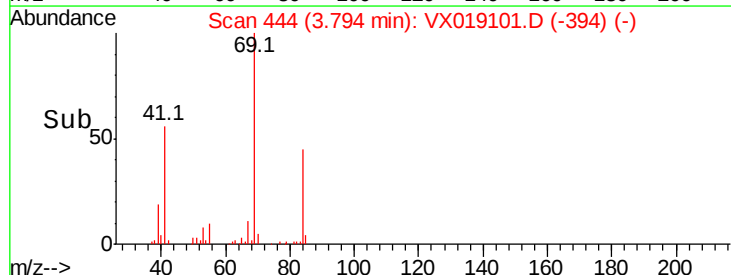
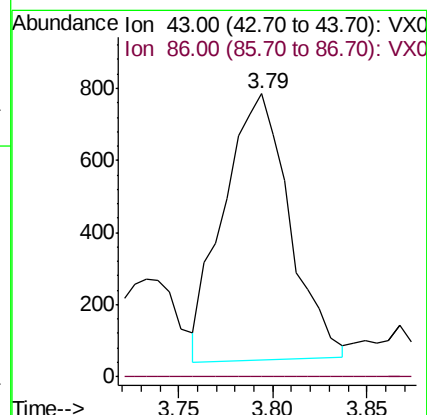
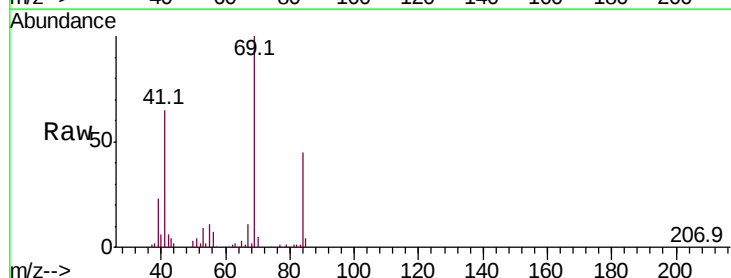
Acq: 24 Oct 2020 02:59

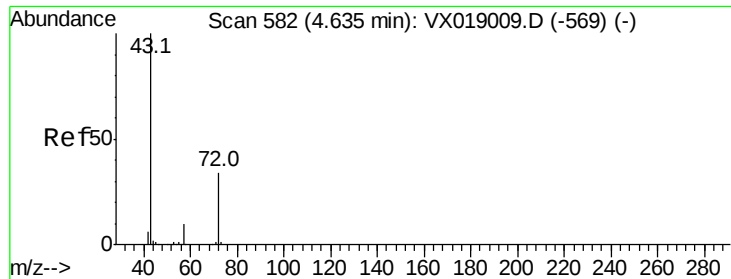
Tgt Ion: 43 Resp: 1783

Ion Ratio Lower Upper

43 100

86 0.0 11.7 17.5#





#25

2-Butanone

Concen: 0.777 ug/l

RT: 4.66 min Scan# 586

Delta R.T. 0.02 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampleId :

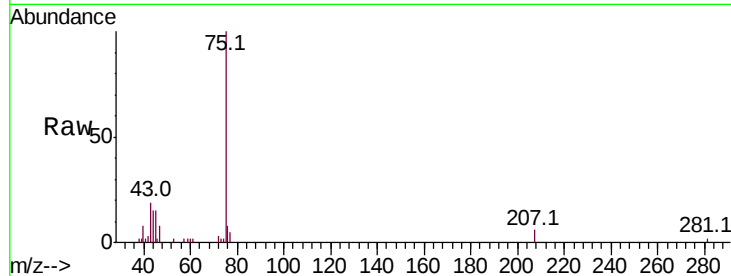
MW-3DL

Tot Ion: 43 Resp: 1409

Ion Ratio Lower Upper

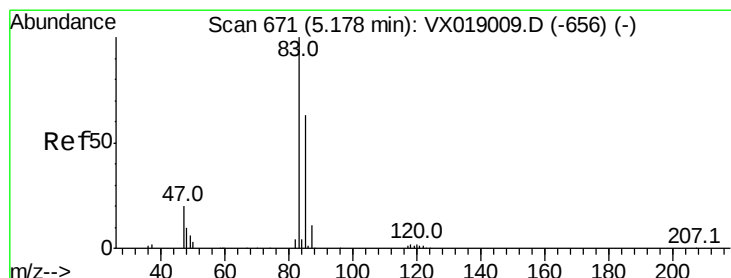
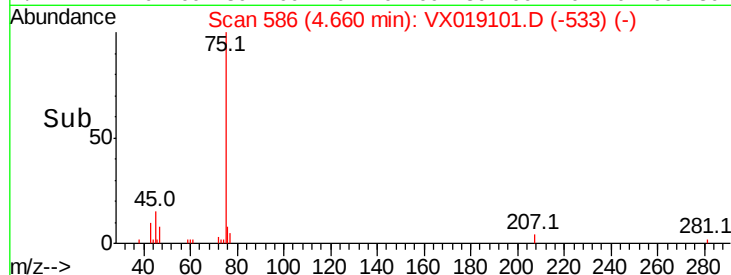
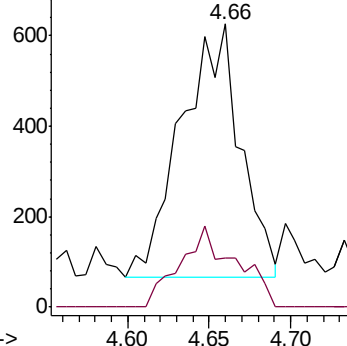
43 100

72 19.5 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 0.953 ug/l

RT: 5.25 min Scan# 683

Delta R.T. 0.07 min

Lab File: VX019101.D

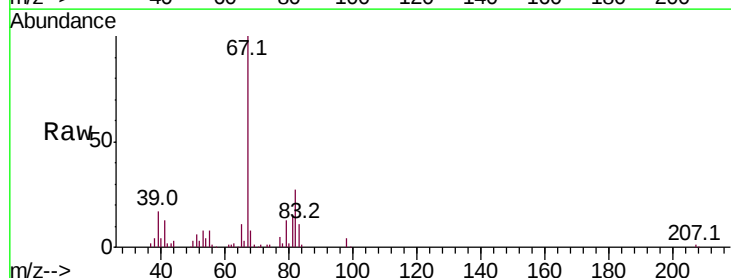
Acq: 24 Oct 2020 02:59

Tgt Ion: 83 Resp: 5261

Ion Ratio Lower Upper

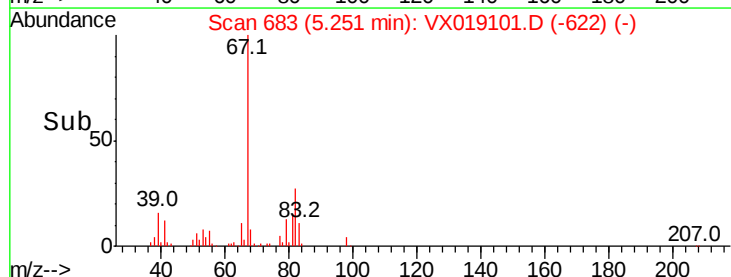
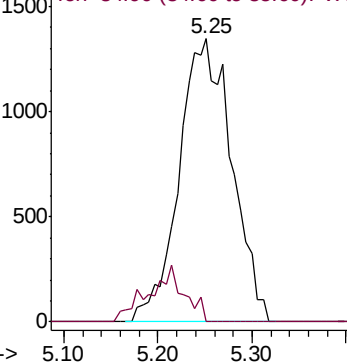
83 100

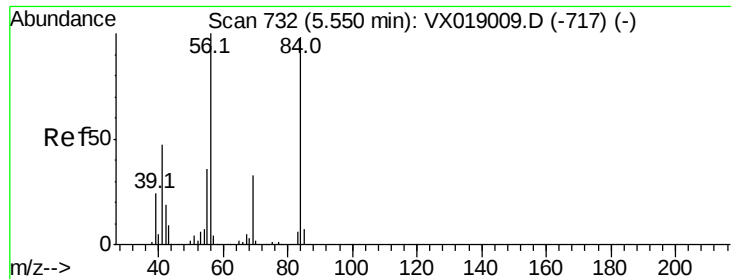
85 0.0 50.5 75.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

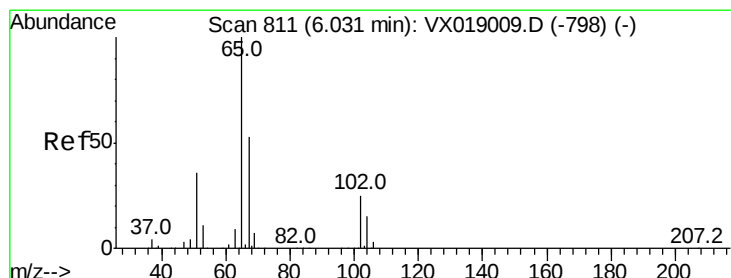
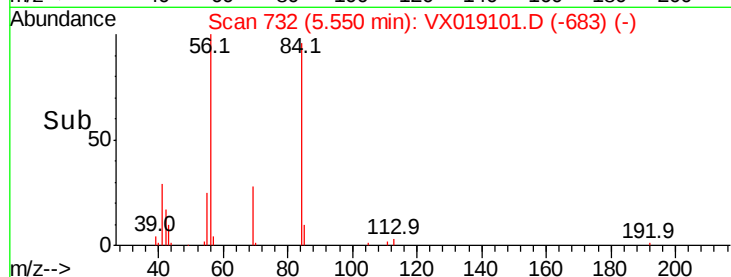
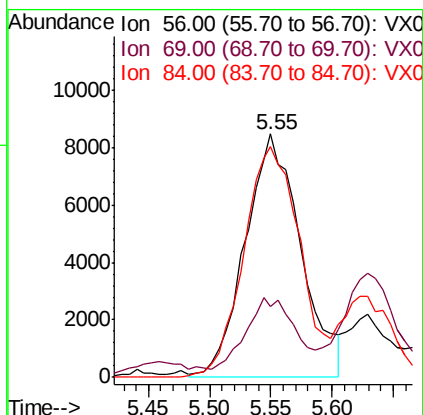
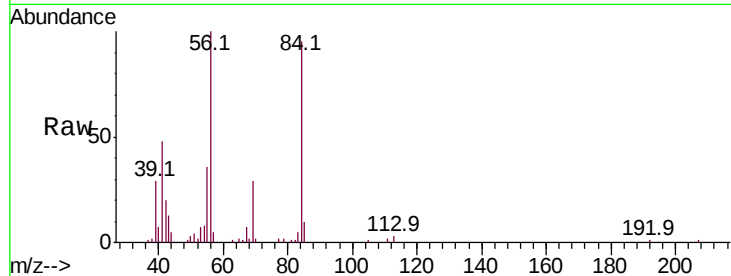




#31
Cyclohexane
Concen: 6.804 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

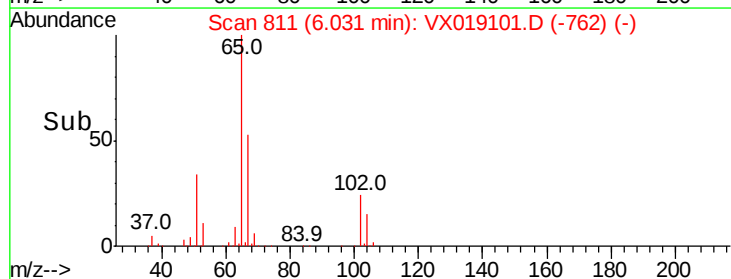
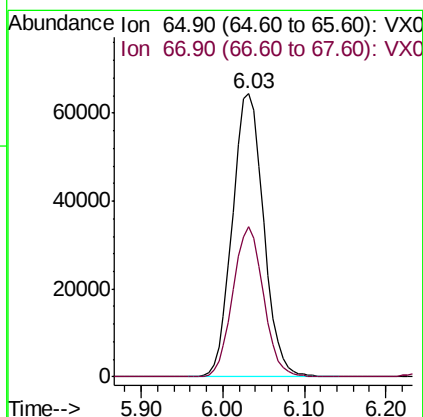
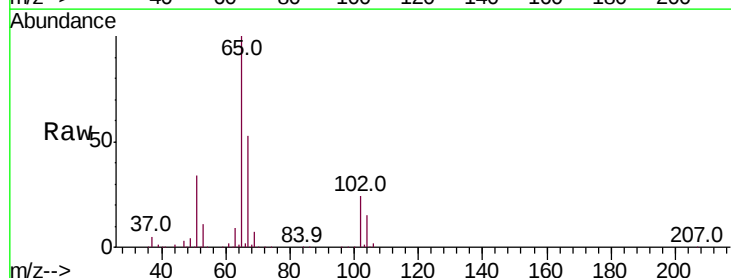
Instrument :
MSVOA_X
ClientSampled :
MW-3DL

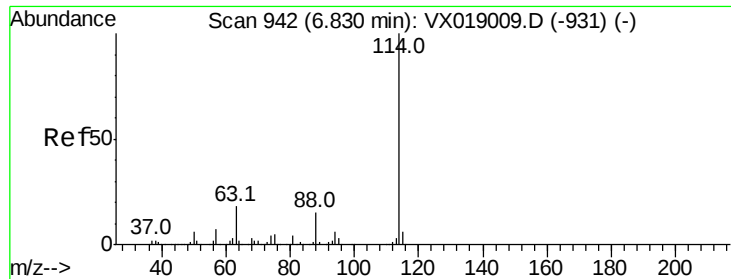
Tot Ion: 56 Resp: 26841
Ion Ratio Lower Upper
56 100
69 26.2 26.2 39.2
84 95.3 78.3 117.5



#33
1,2-Dichloroethane-d4
Concen: 50.657 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

Tgt Ion: 65 Resp: 170655
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

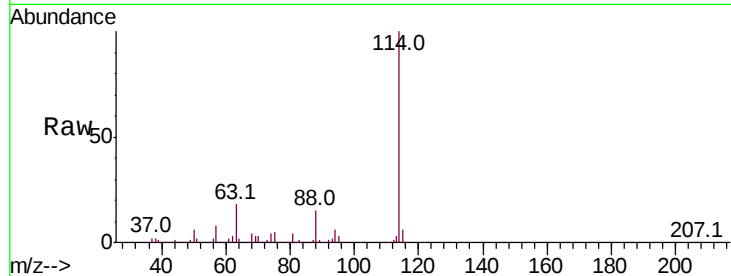
Tot Ion:114 Resp: 487547

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

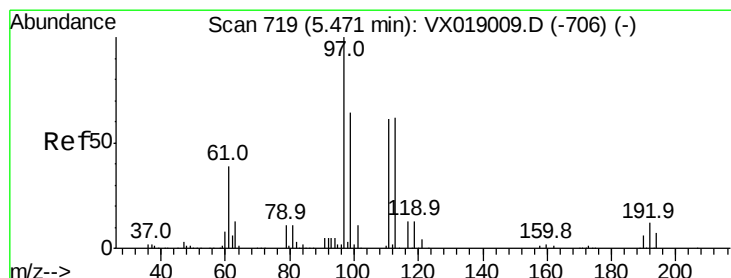
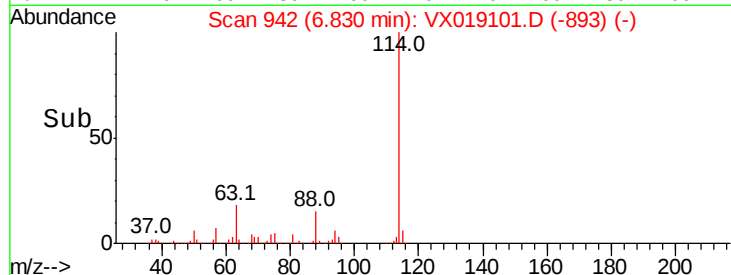
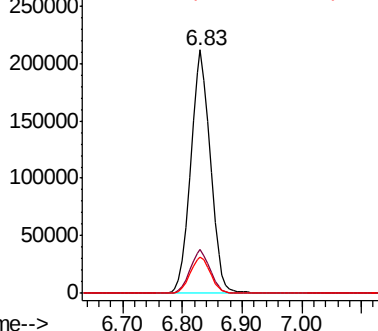
88 15.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.429 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

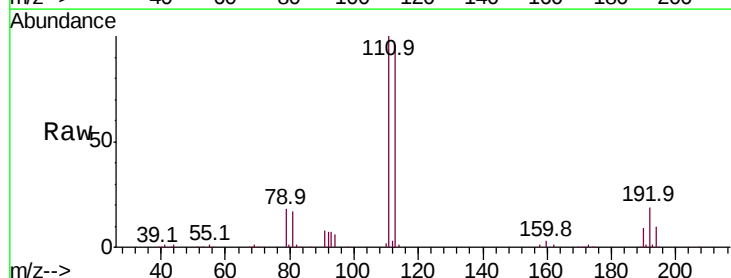
Tgt Ion:113 Resp: 149492

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

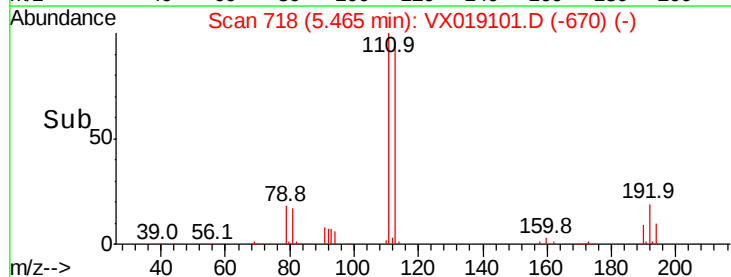
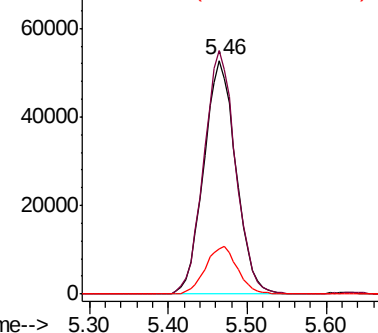
192 20.2 16.3 24.5

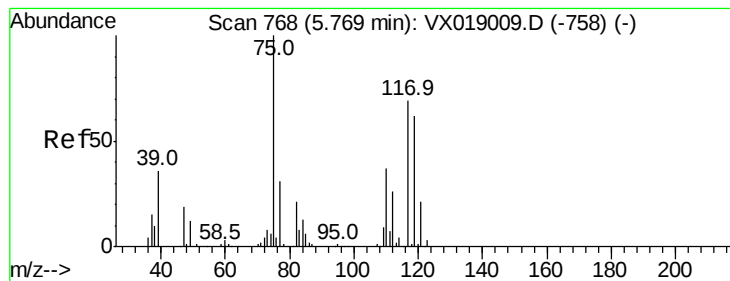


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.816 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampleID :

MW-3DL

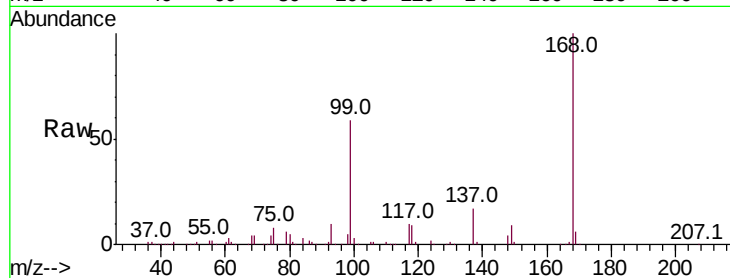
Tot Ion: 75 Resp: 21067

Ion Ratio Lower Upper

75 100

110 9.2 19.4 58.2#

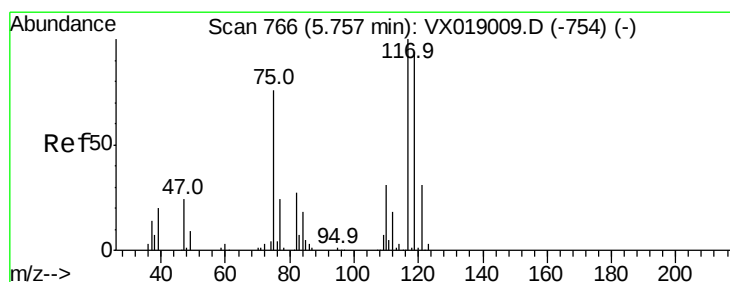
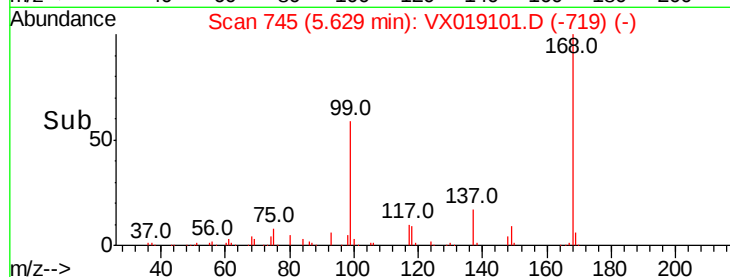
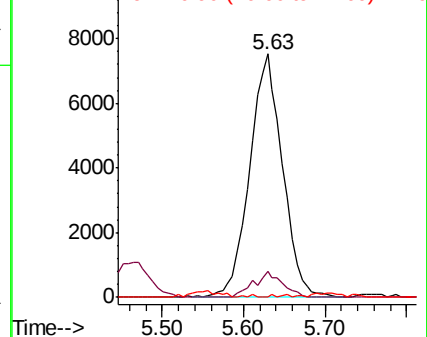
77 0.2 25.2 37.8#



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: 6.006 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

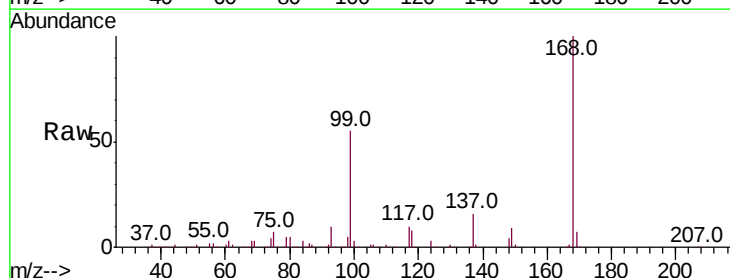
Tgt Ion: 117 Resp: 27578

Ion Ratio Lower Upper

117 100

119 4.4 75.4 113.0#

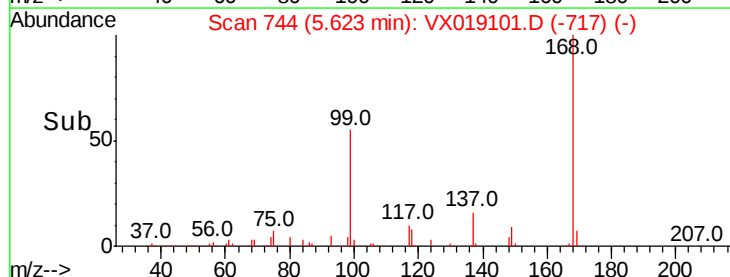
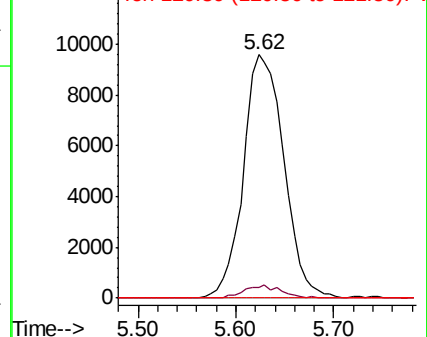
121 0.0 25.0 37.6#

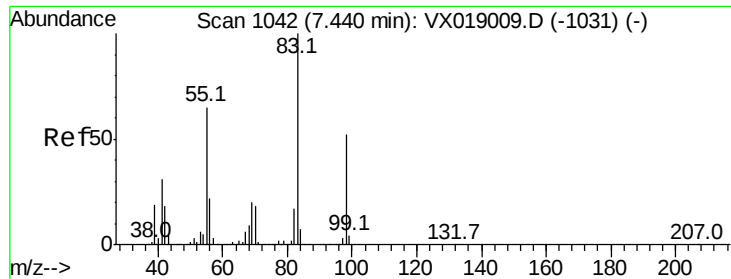


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

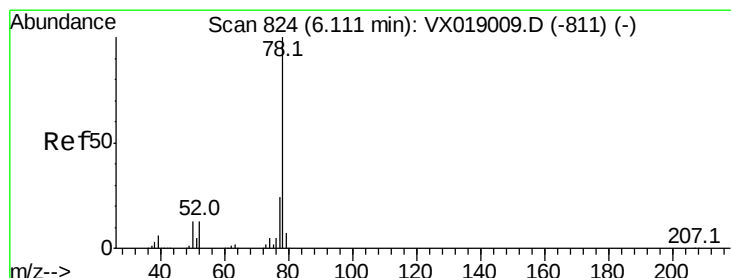
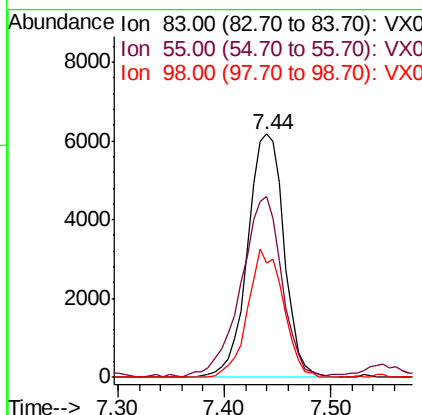
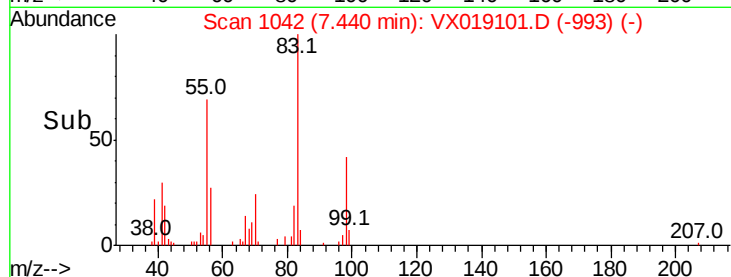
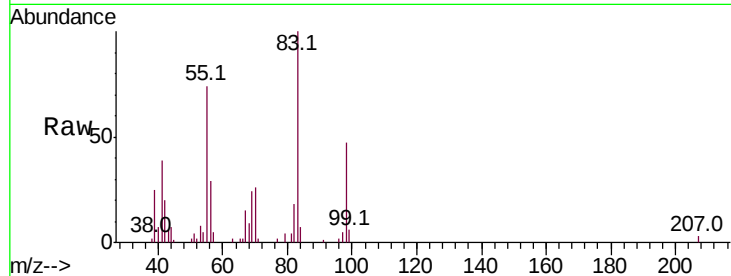




#39
Methvlcvclohexane
Concen: 3.020 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

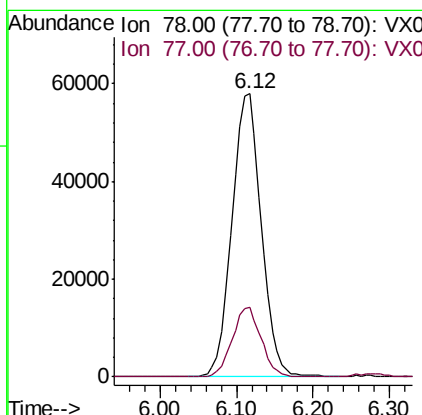
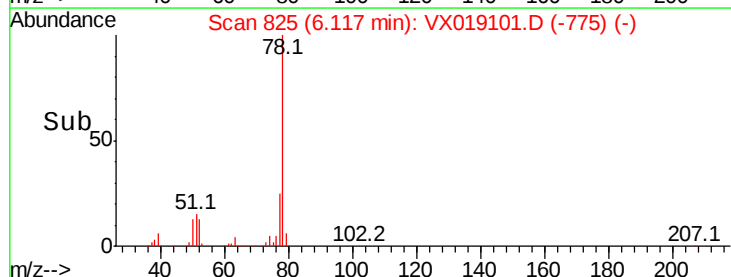
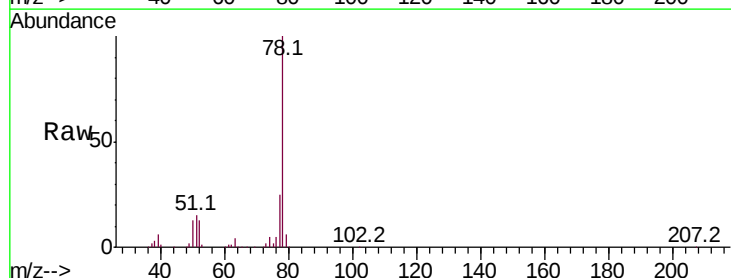
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

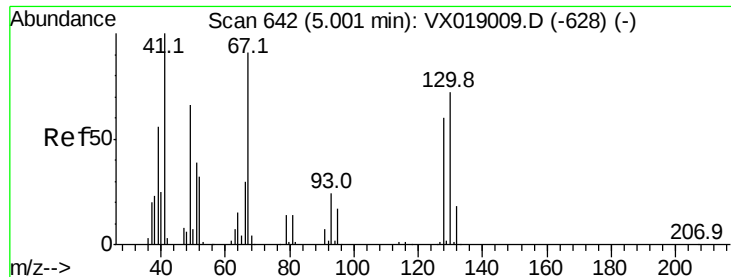
Tot Ion: 83 Resp: 14801
Ion Ratio Lower Upper
83 100
55 73.0 51.8 77.6
98 47.0 41.4 62.2



#40
Benzene
Concen: 11.946 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

Tgt Ion: 78 Resp: 153915
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9

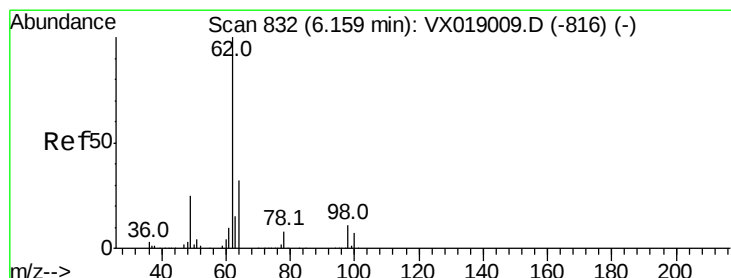
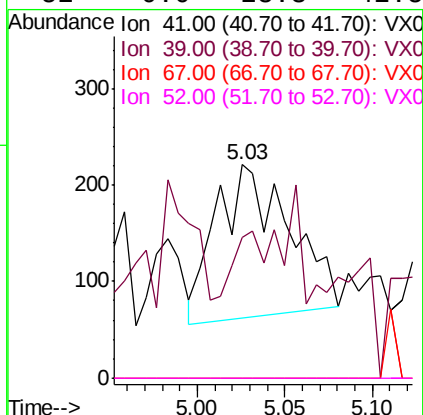
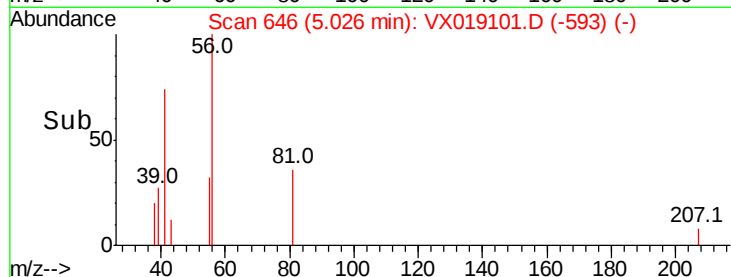
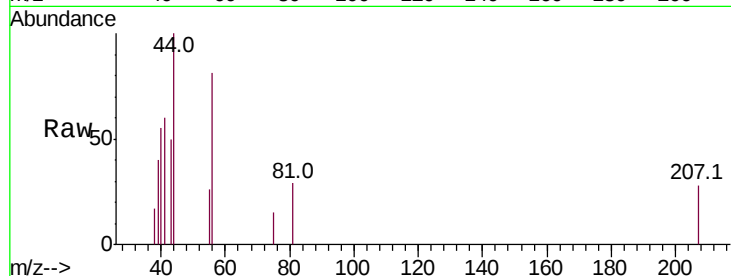




#41
Methacrylonitrile
Concen: 0.230 ug/l
RT: 5.03 min Scan# 646
Delta R.T. 0.02 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

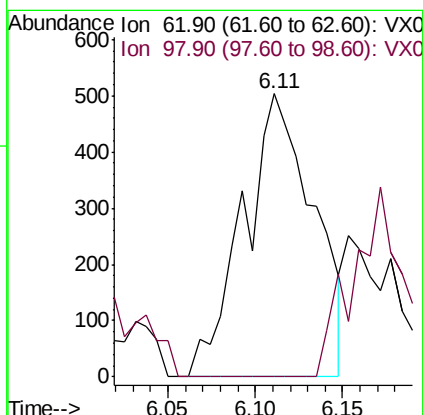
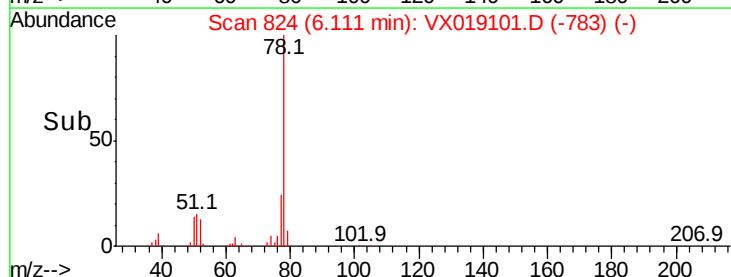
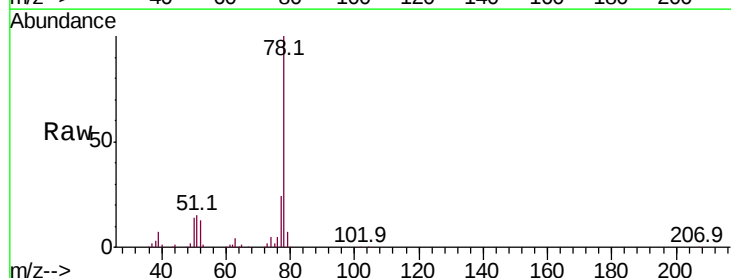
Instrument :
MSVOA_X
ClientSampled :
MW-3DL

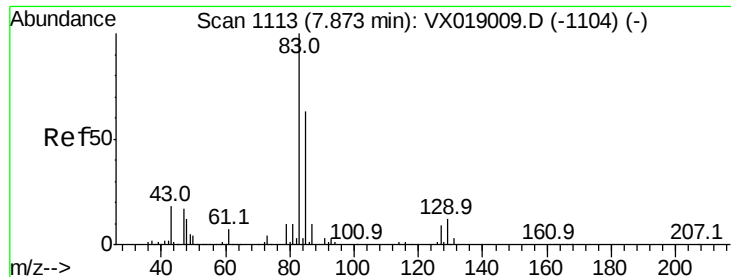
Tot Ion: 41 Resp: 461
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0#
67 0.0 76.1 114.1#
52 0.0 28.3 42.5#



#42
1,2-Dichloroethane
Concen: 0.320 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.05 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

Tgt Ion: 62 Resp: 1405
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.8





#47

Bromodichloromethane

Concen: 0.305 ug/l

RT: 7.93 min Scan# 1122

Delta R.T. 0.05 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

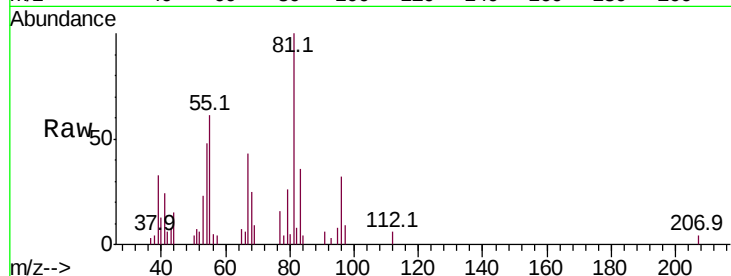
Tot Ion: 83 Resp: 1406

Ion Ratio Lower Upper

83 100

85 0.0 50.7 76.1#

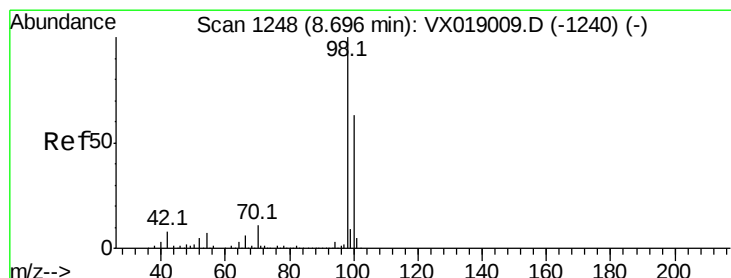
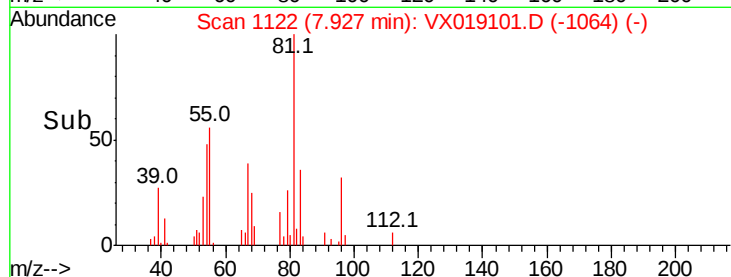
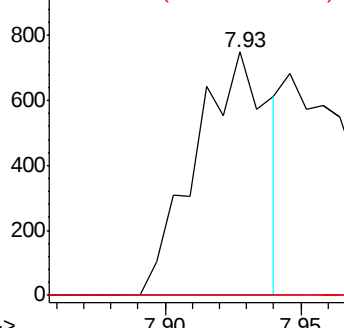
127 0.0 6.8 10.2#



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



#50

Toluene-d8

Concen: 51.588 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019101.D

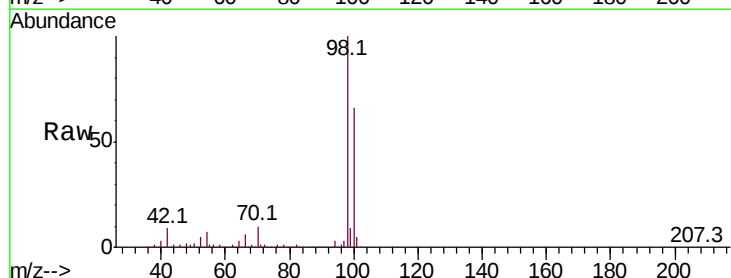
Acq: 24 Oct 2020 02:59

Tgt Ion: 98 Resp: 607670

Ion Ratio Lower Upper

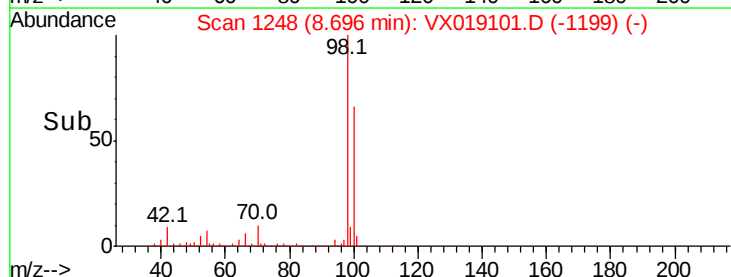
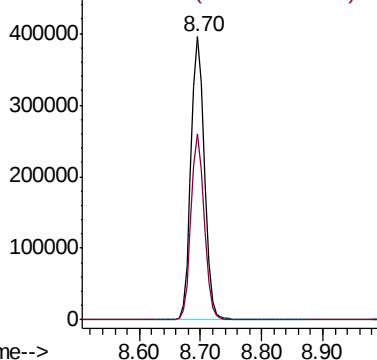
98 100

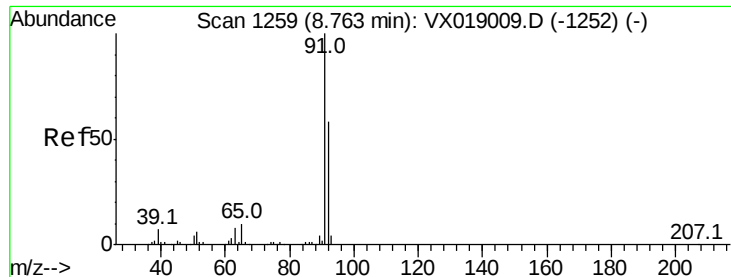
100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 60.500 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampleId :

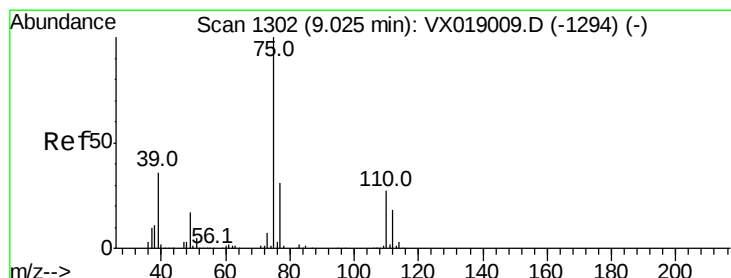
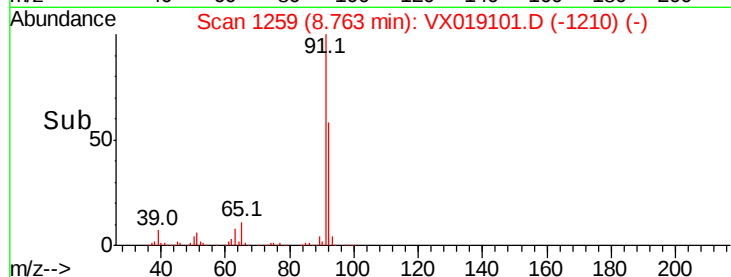
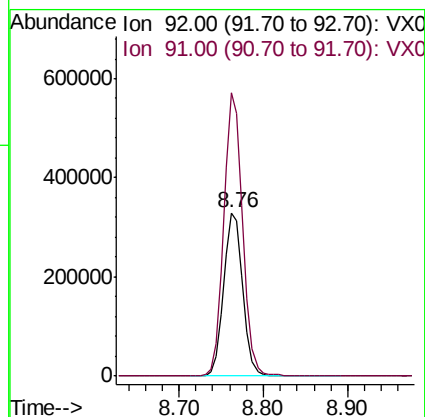
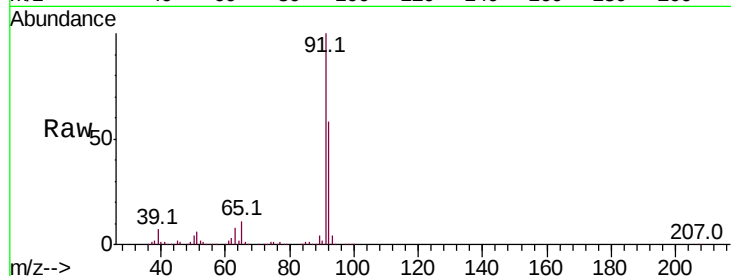
MW-3DL

Tot Ion: 92 Resp: 514848

Ion Ratio Lower Upper

92 100

91 171.6 138.6 208.0



#53

t-1,3-Dichloropropene

Concen: 1.076 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.26 min

Lab File: VX019101.D

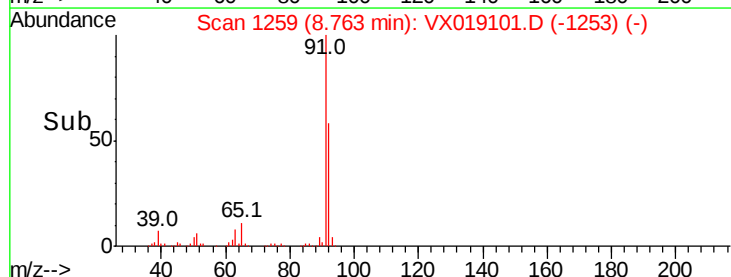
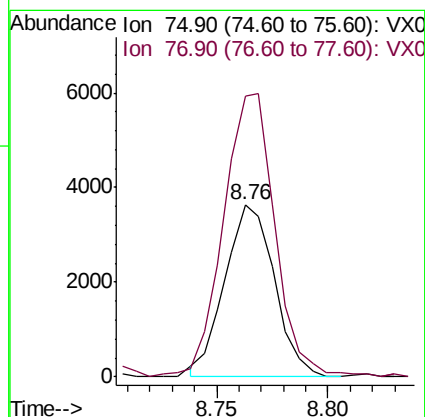
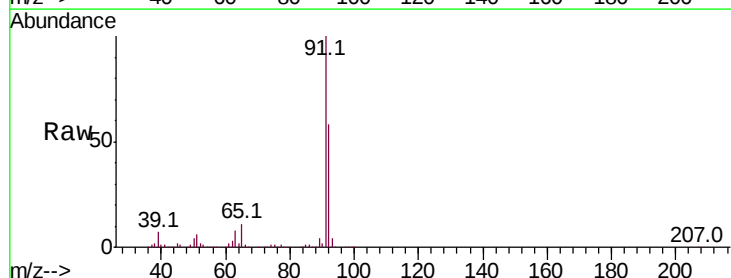
Acq: 24 Oct 2020 02:59

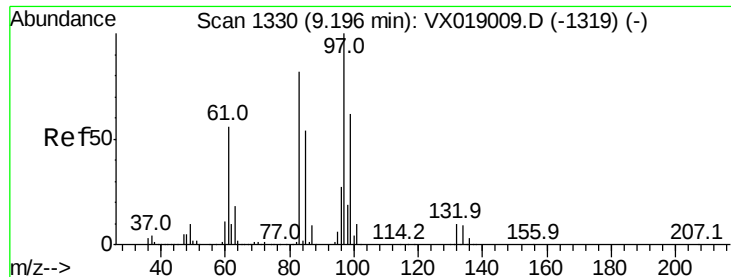
Tgt Ion: 75 Resp: 5607

Ion Ratio Lower Upper

75 100

77 160.6 25.1 37.7#





#55

1,1,2-Trichloroethane

Concen: 0.327 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

Tot Ion: 97 Resp: 1136

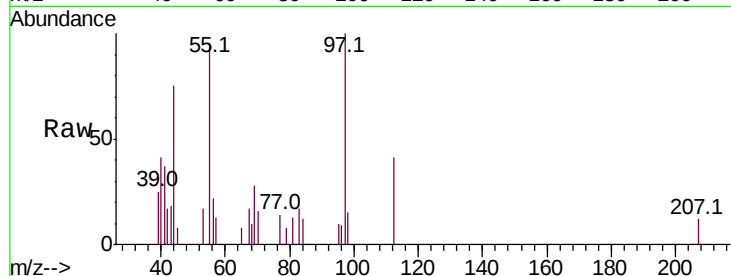
Ion Ratio Lower Upper

97 100

83 16.7 65.4 98.2#

85 0.0 43.3 64.9#

99 0.0 50.0 75.0#

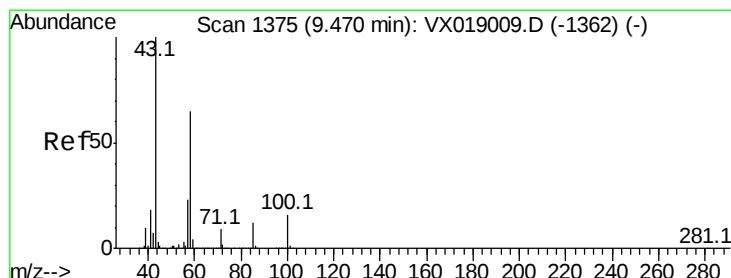
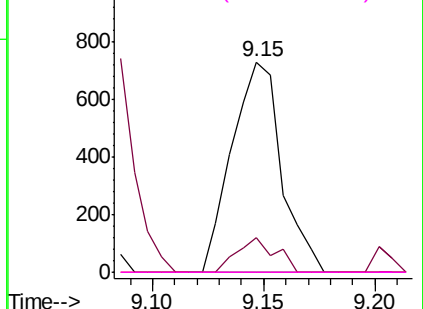
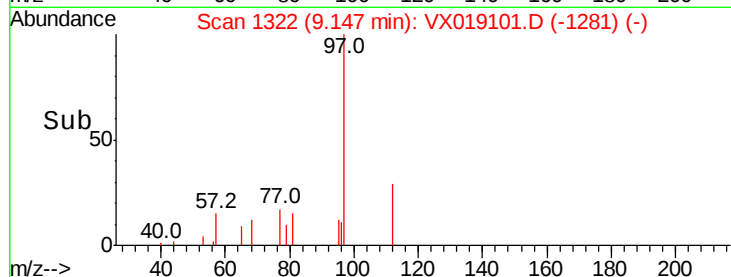


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#59

2-Hexanone

Concen: 0.283 ug/l

RT: 9.49 min Scan# 1379

Delta R.T. 0.02 min

Lab File: VX019101.D

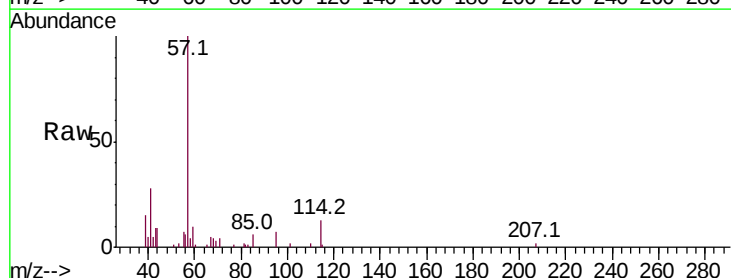
Acq: 24 Oct 2020 02:59

Tgt Ion: 43 Resp: 787

Ion Ratio Lower Upper

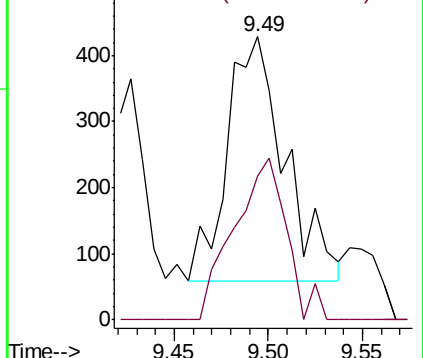
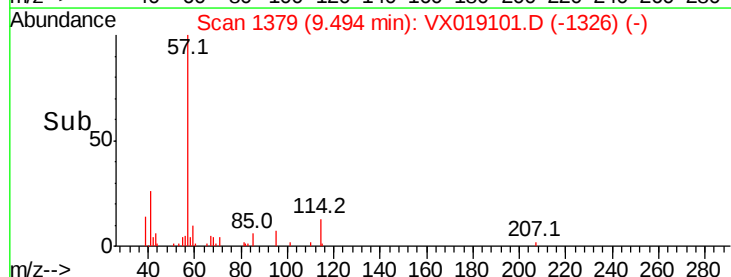
43 100

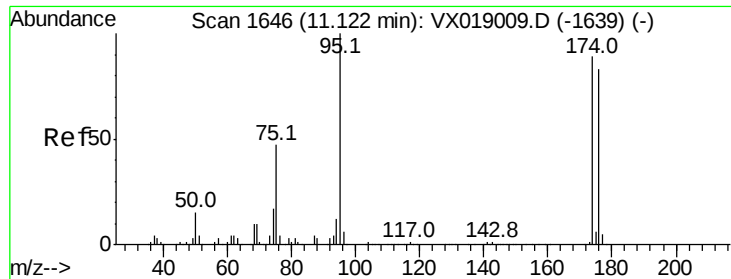
58 60.1 32.8 98.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

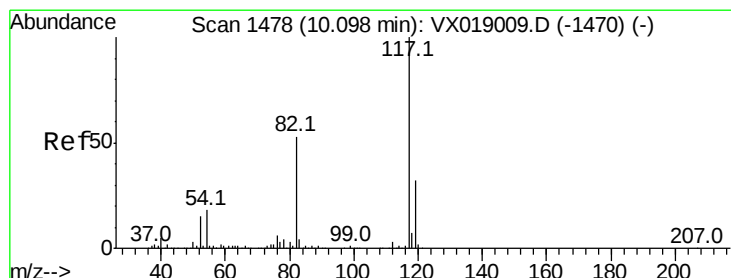
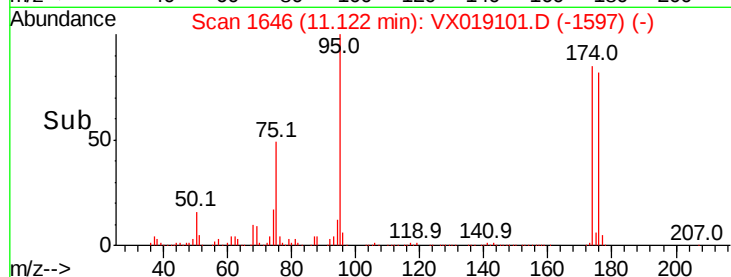
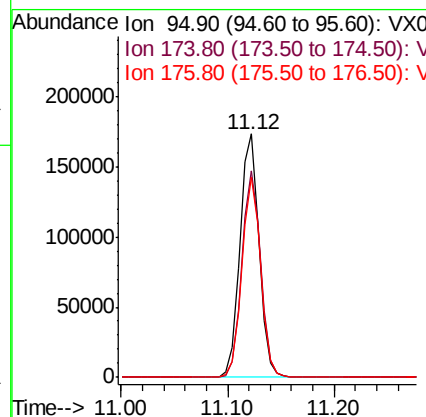
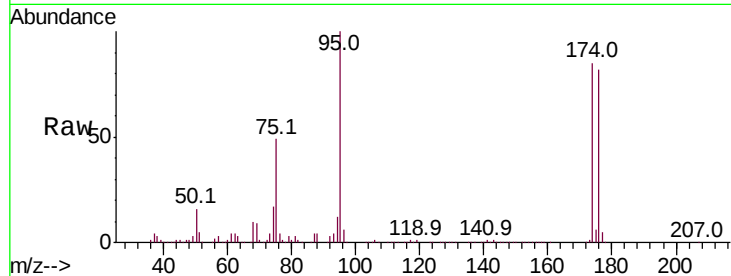




#62
4-Bromofluorobenzene
Concen: 52.157 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

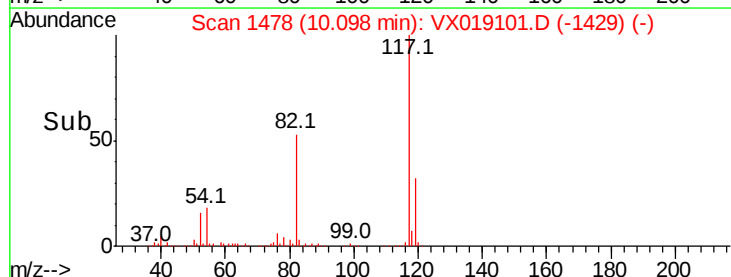
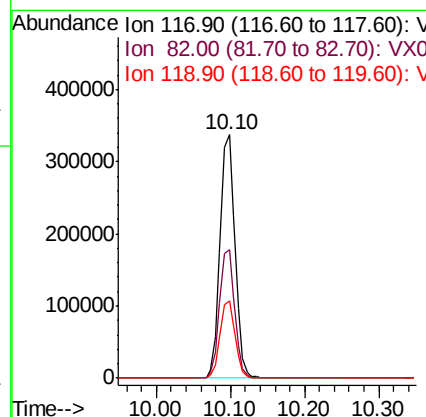
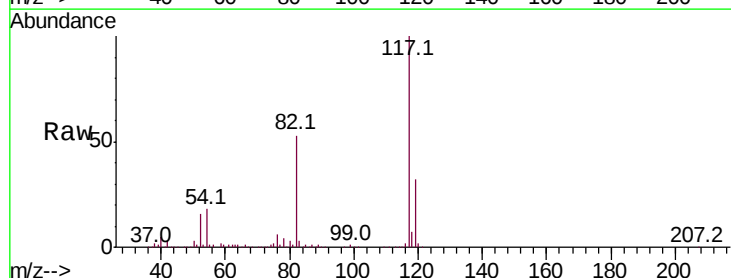
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

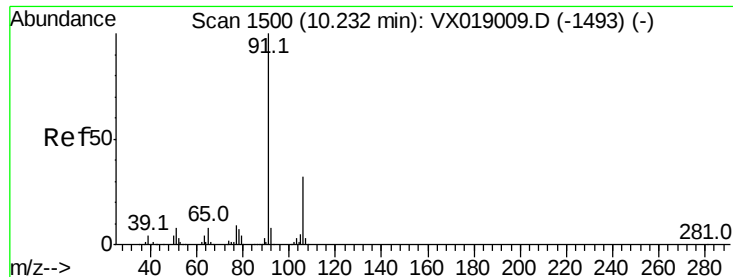
Tot Ion: 95 Resp: 218537
Ion Ratio Lower Upper
95 100
174 83.5 0.0 167.6
176 80.8 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

Tgt Ion: 117 Resp: 464274
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 31.8 25.6 38.4





#67

Ethyl Benzene

Concen: 93.815 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampleId :

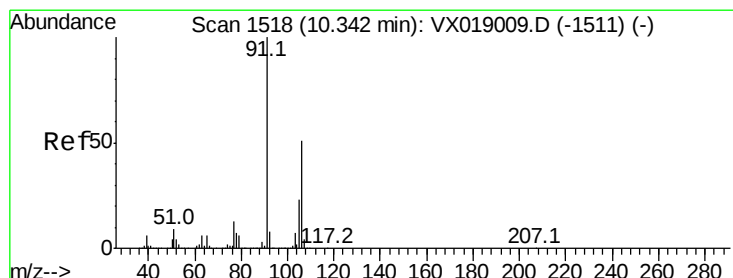
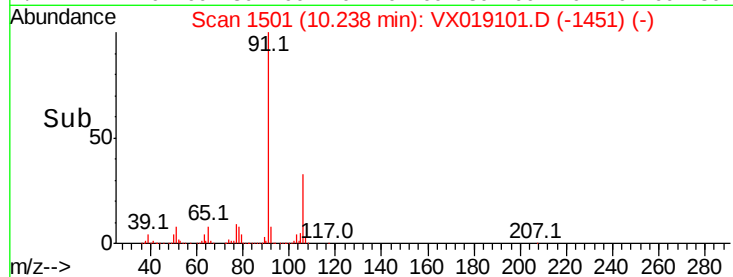
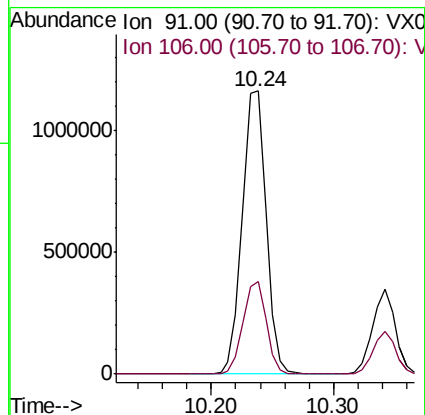
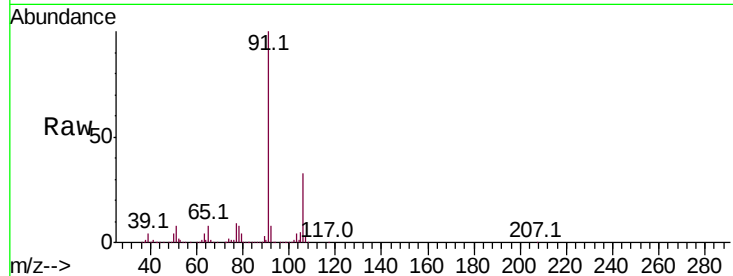
MW-3DL

Tot Ion: 91 Resp: 1574858

Ion Ratio Lower Upper

91 100

106 32.7 25.3 37.9



#68

m/p-Xylenes

Concen: 35.455 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019101.D

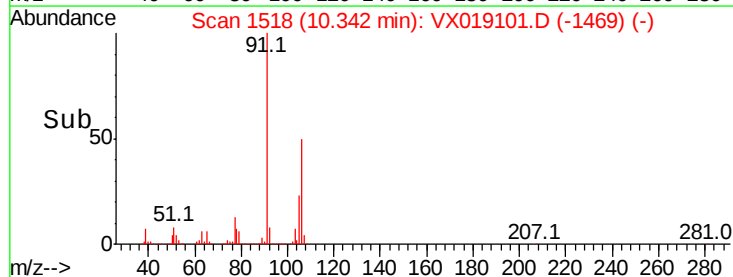
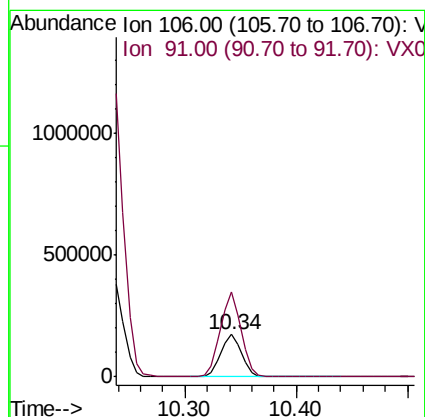
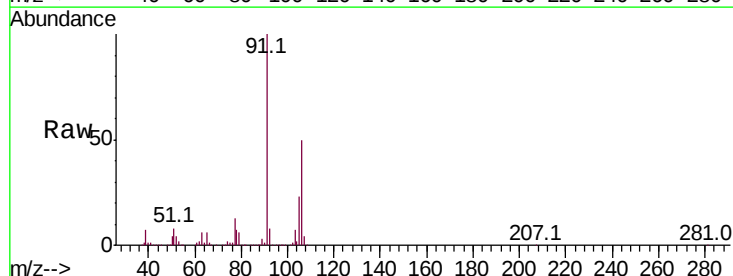
Acq: 24 Oct 2020 02:59

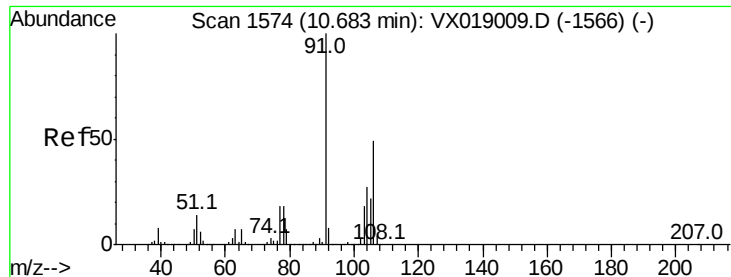
Tgt Ion: 106 Resp: 227993

Ion Ratio Lower Upper

106 100

91 199.3 156.9 235.3

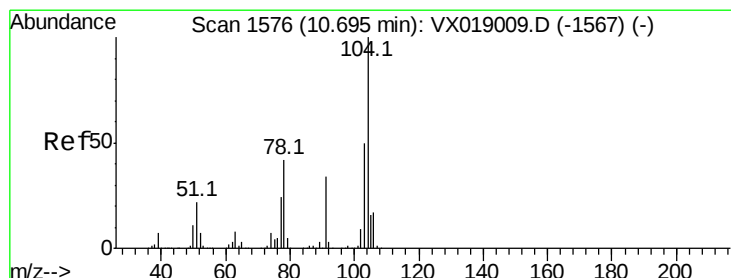
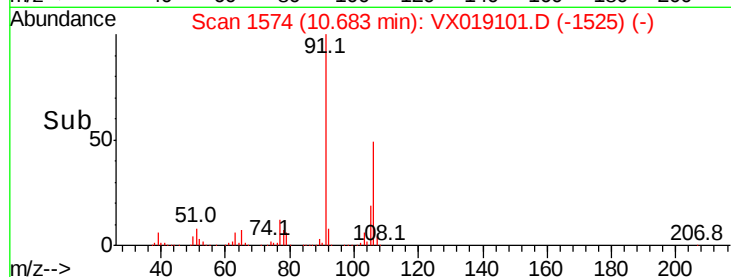
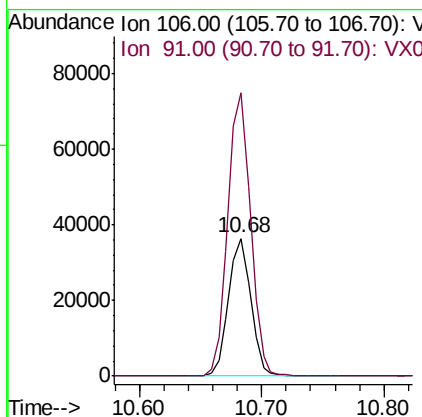
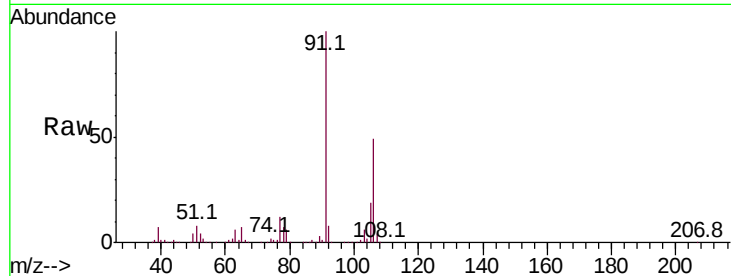




#69
o-Xylene
Concen: 7.506 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

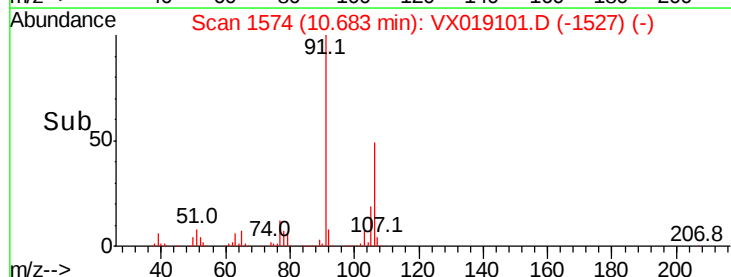
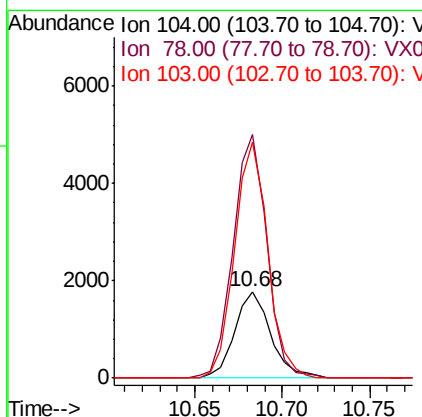
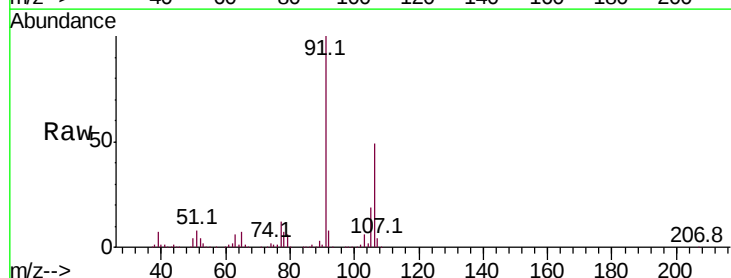
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

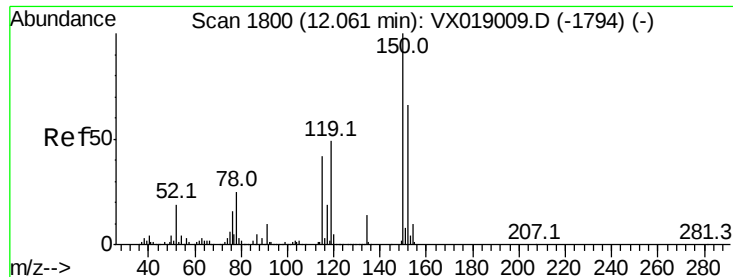
Tot Ion:106 Resp: 46196
Ion Ratio Lower Upper
106 100
91 209.8 104.0 312.0



#70
Styrene
Concen: 0.245 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

Tgt Ion:104 Resp: 2555
Ion Ratio Lower Upper
104 100
78 263.1 37.7 56.5#
103 250.4 43.5 65.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

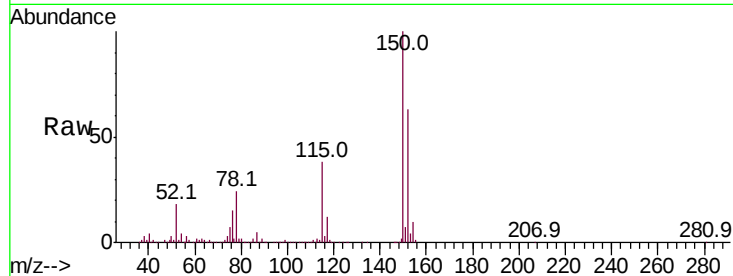
Tot Ion:152 Resp: 239188

Ion Ratio Lower Upper

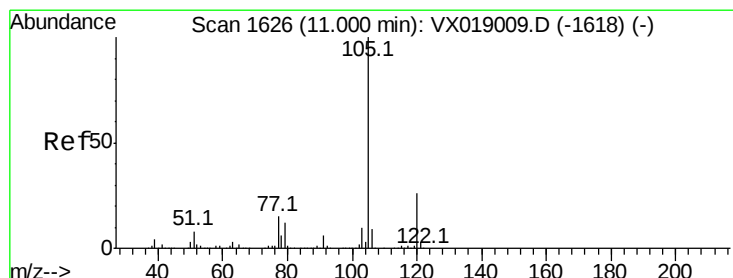
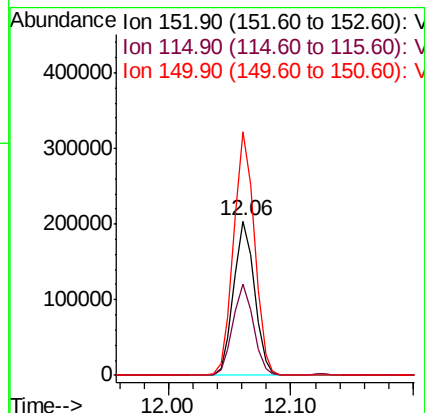
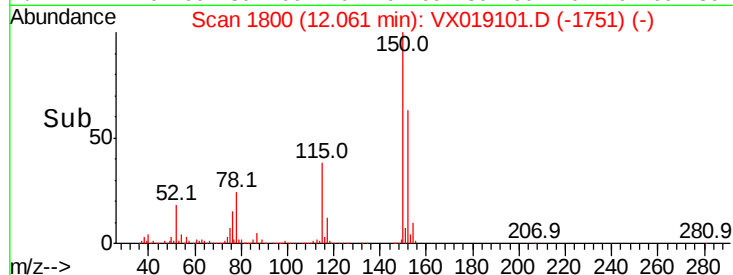
152 100

115 58.1 40.8 122.5

150 157.5 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 20.157 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019101.D

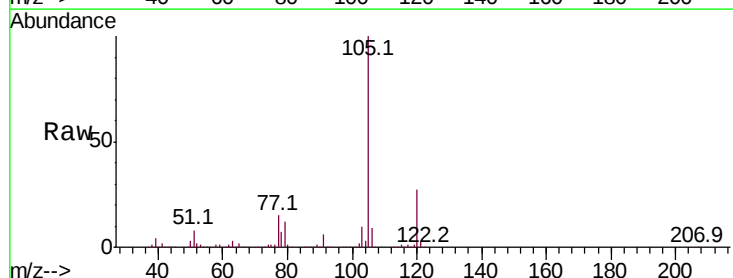
Acq: 24 Oct 2020 02:59

Tgt Ion:105 Resp: 346831

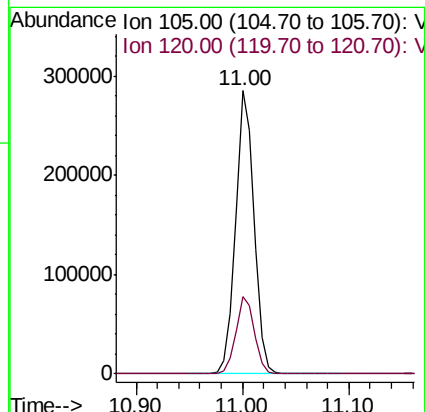
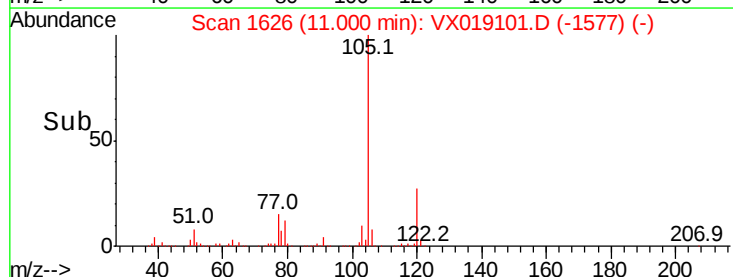
Ion Ratio Lower Upper

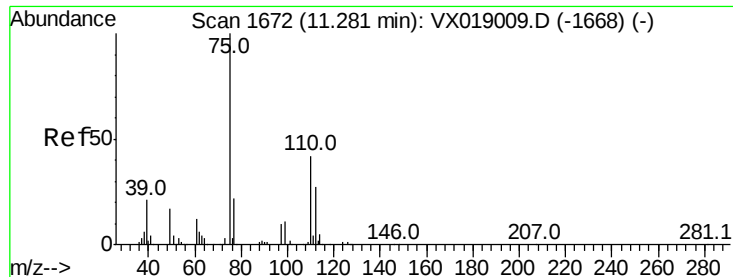
105 100

120 27.4 13.4 40.1



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: 22.418 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampleId :

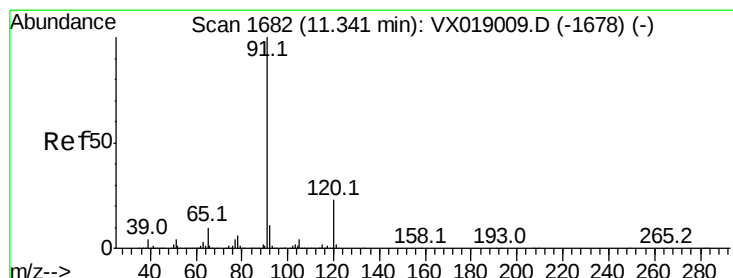
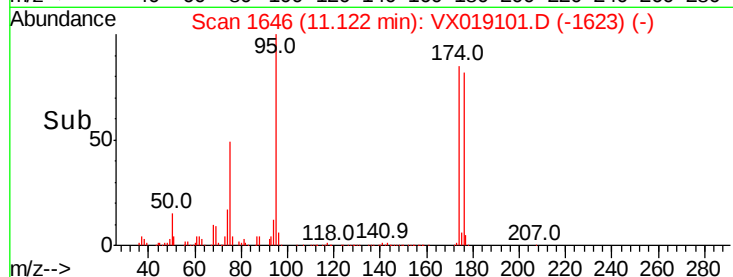
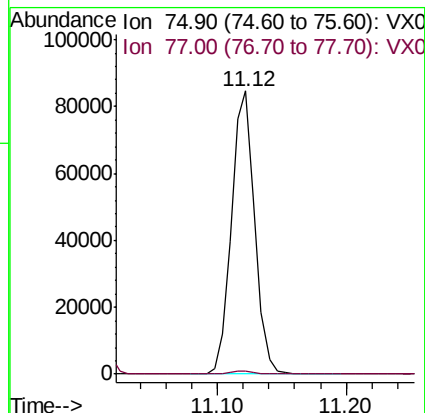
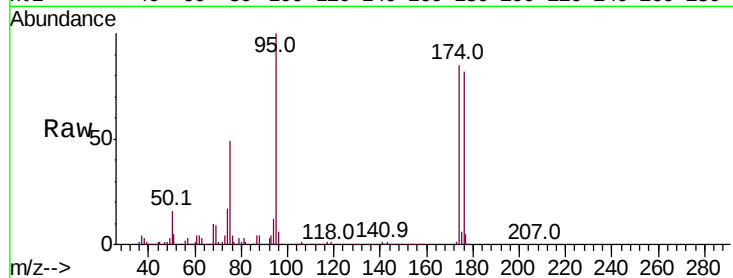
MW-3DL

Tot Ion: 75 Resp: 107174

Ion Ratio Lower Upper

75 100

77 1.2 20.7 62.1#



#78

n-propylbenzene

Concen: 22.117 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019101.D

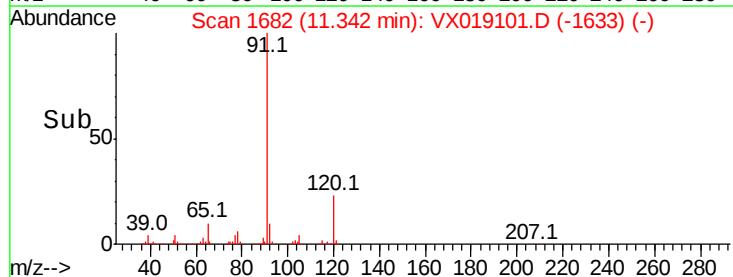
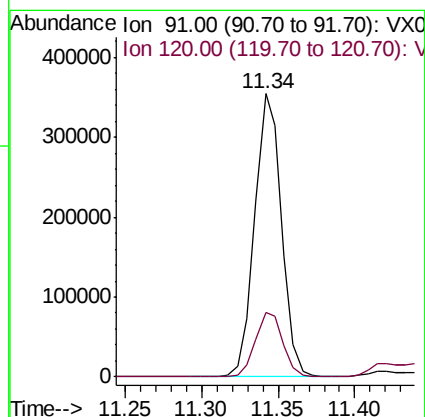
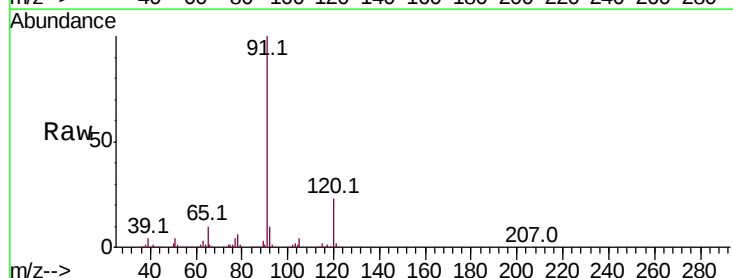
Acq: 24 Oct 2020 02:59

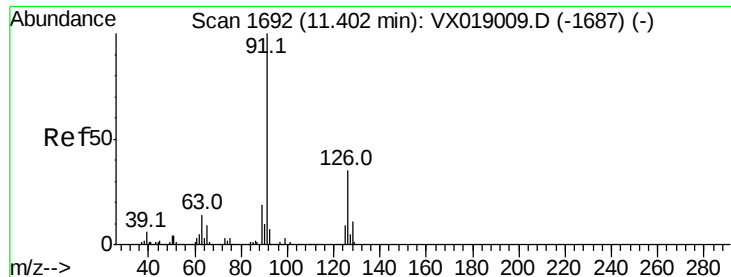
Tgt Ion: 91 Resp: 431222

Ion Ratio Lower Upper

91 100

120 23.4 12.1 36.3





#79

2-Chlorotoluene

Concen: 1.280 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampleId :

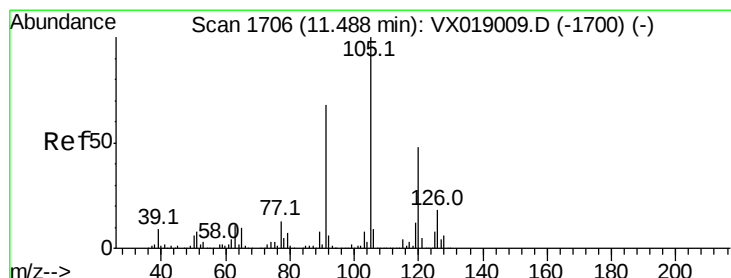
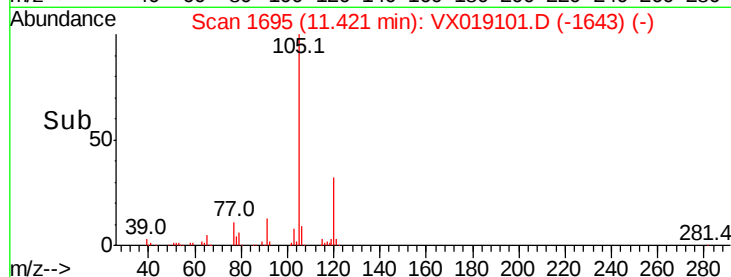
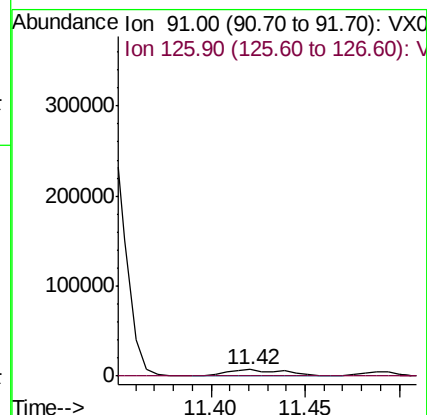
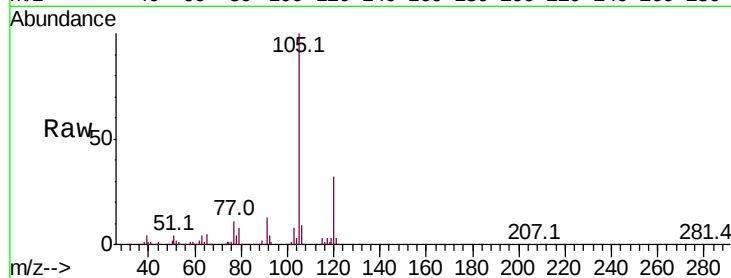
MW-3DL

Tot Ion: 91 Resp: 14557

Ion Ratio Lower Upper

91 100

126 0.3 17.5 52.5#



#80

1,3,5-Trimethylbenzene

Concen: 4.025 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019101.D

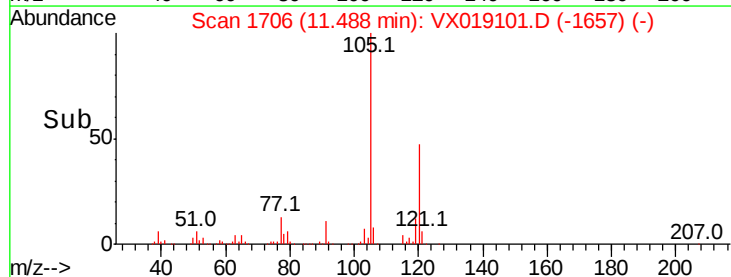
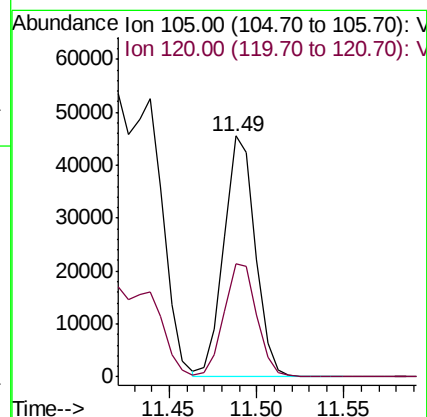
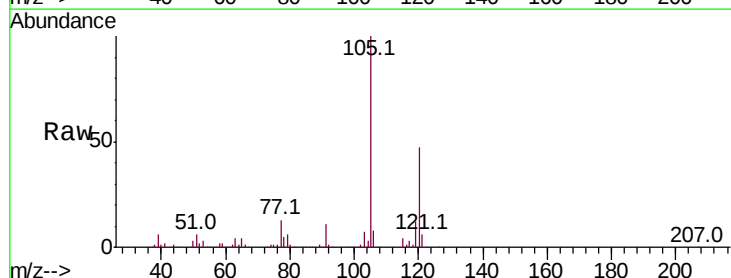
Acq: 24 Oct 2020 02:59

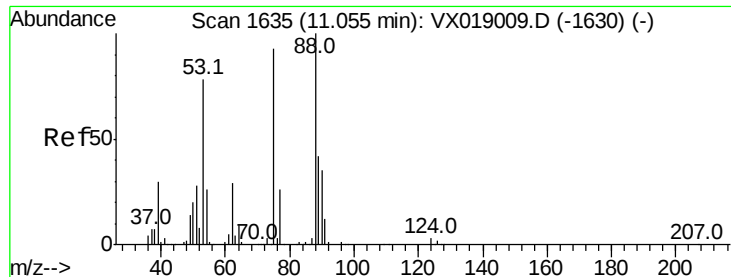
Tgt Ion: 105 Resp: 57185

Ion Ratio Lower Upper

105 100

120 48.6 25.2 75.6

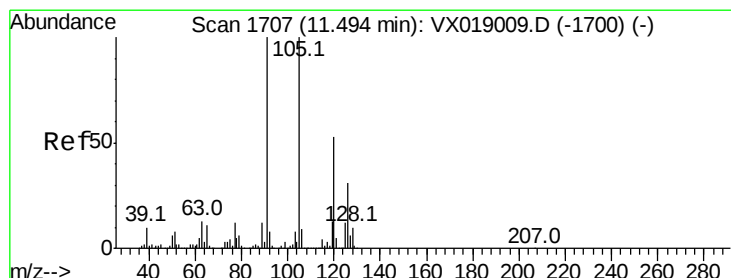
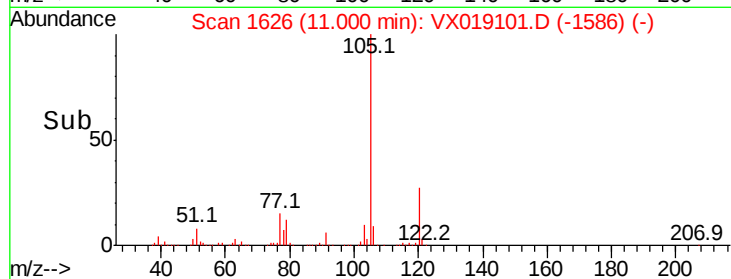
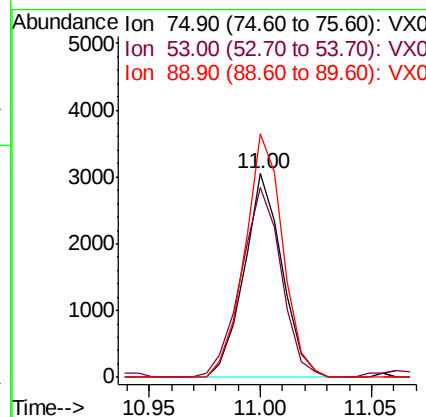
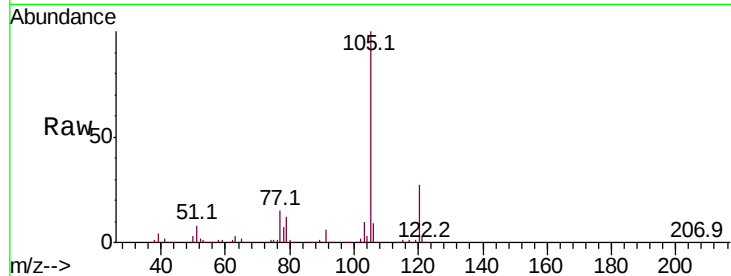




#81
trans-1,4-Dichloro-2-butene
Concen: 1.931 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.05 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

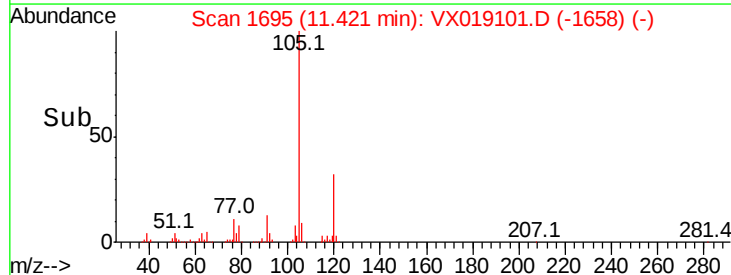
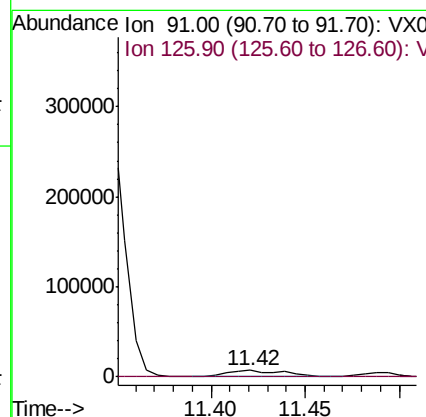
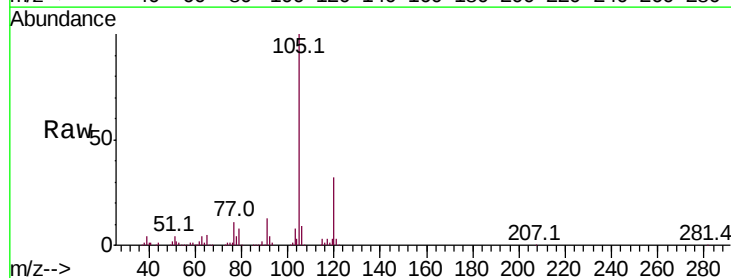
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

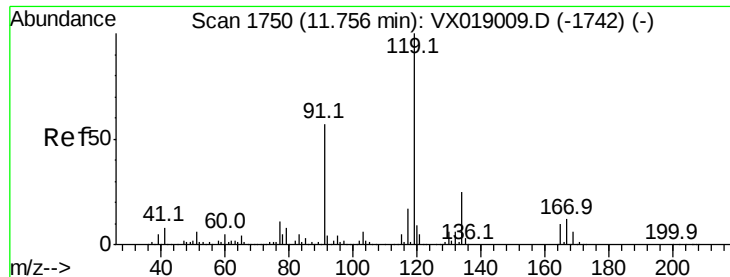
Tot Ion: 75 Resp: 3623
Ion Ratio Lower Upper
75 100
53 98.9 67.4 101.2
89 119.5 37.2 55.8#



#82
4-Chlorotoluene
Concen: 1.076 ug/l
RT: 11.42 min Scan# 1695
Delta R.T. -0.07 min
Lab File: VX019101.D
Acq: 24 Oct 2020 02:59

Tgt Ion: 91 Resp: 14557
Ion Ratio Lower Upper
91 100
126 0.3 15.6 46.7#





#83

tert-Butylbenzene

Concen: 1.670 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

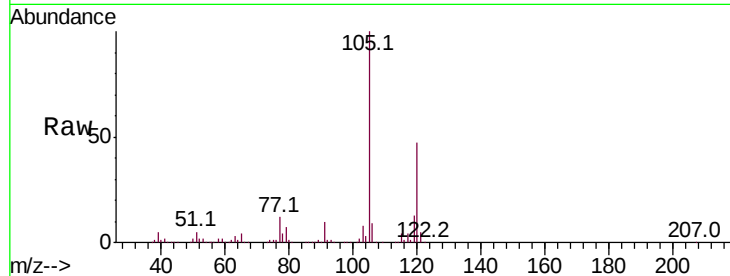
Tot Ion:119 Resp: 23370

Ion Ratio Lower Upper

119 100

91 87.2 28.1 84.4#

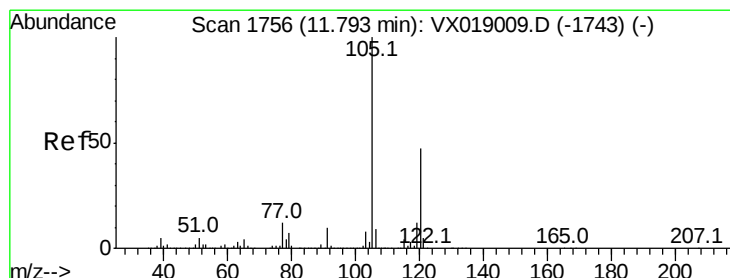
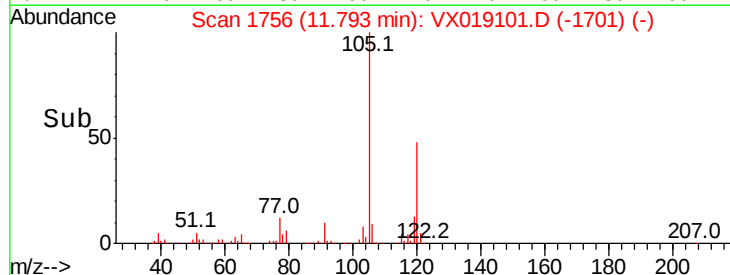
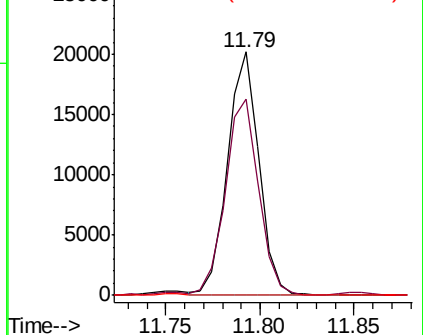
134 0.0 11.8 35.3#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 13.596 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019101.D

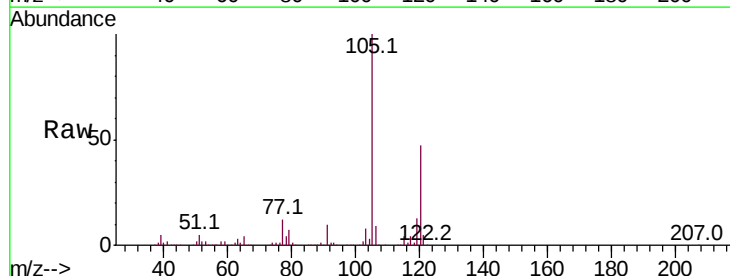
Acq: 24 Oct 2020 02:59

Tgt Ion:105 Resp: 193444

Ion Ratio Lower Upper

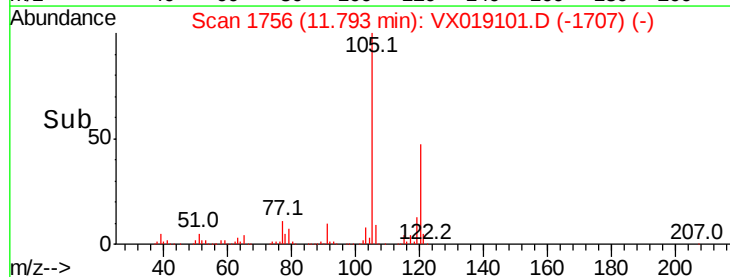
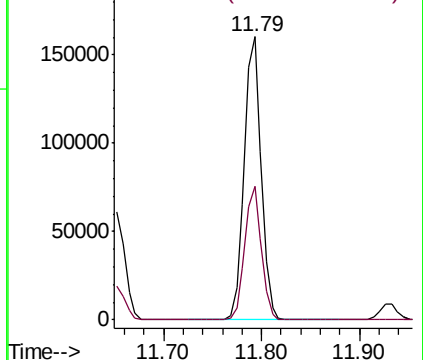
105 100

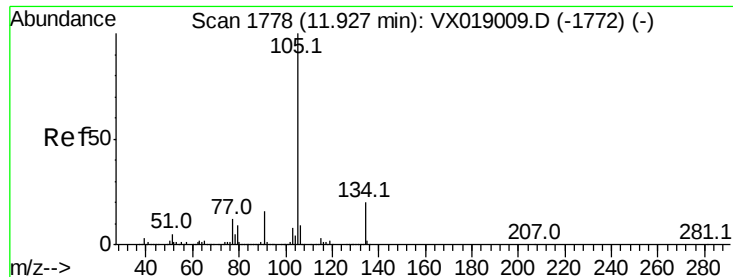
120 46.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.711 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampled :

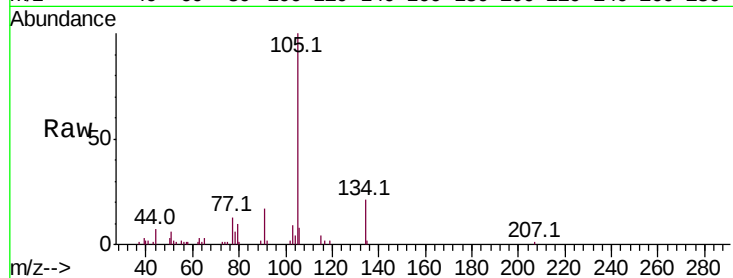
MW-3DL

Tot Ion:105 Resp: 12037

Ion Ratio Lower Upper

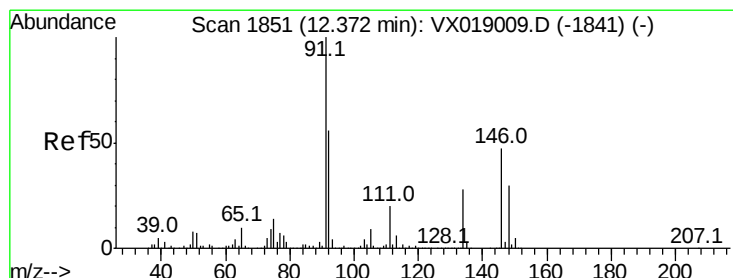
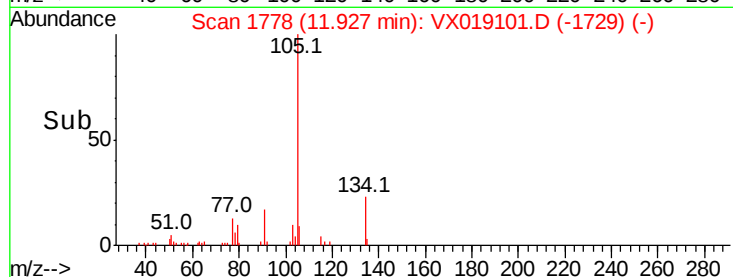
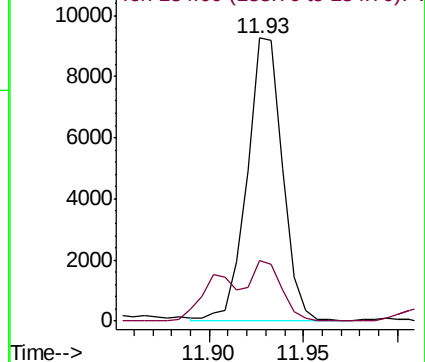
105 100

134 19.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.887 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

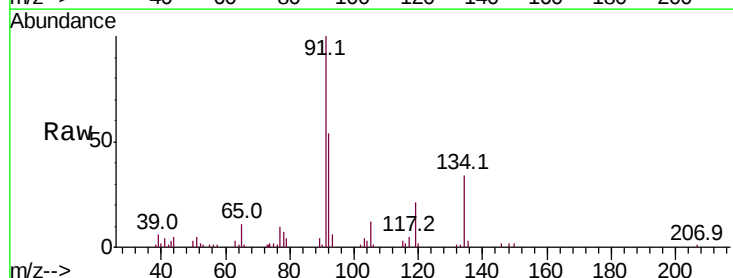
Tgt Ion: 91 Resp: 12559

Ion Ratio Lower Upper

91 100

92 40.7 27.3 81.9

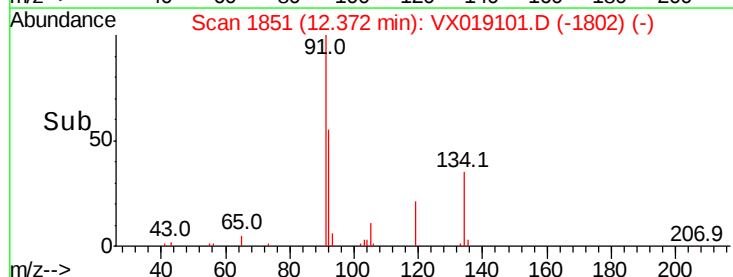
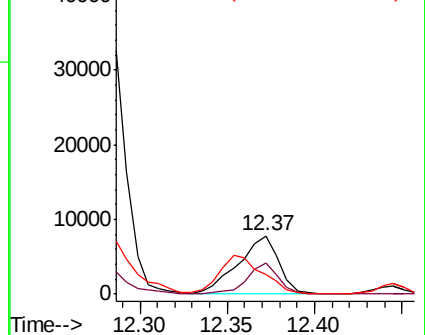
134 70.7 13.6 40.7#

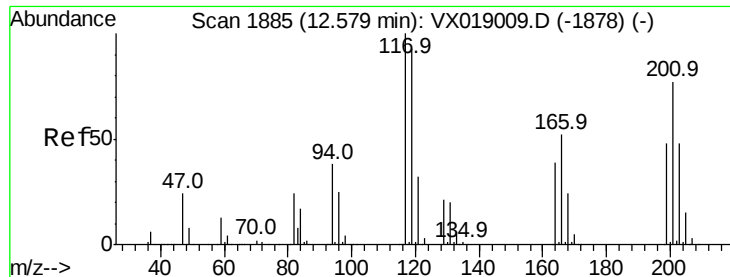


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 3.061 ug/l

RT: 12.65 min Scan# 1897

Delta R.T. 0.07 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampleId :

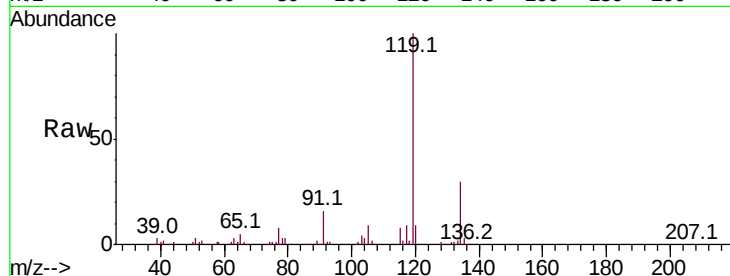
MW-3DL

Tot Ion:117 Resp: 7252

Ion Ratio Lower Upper

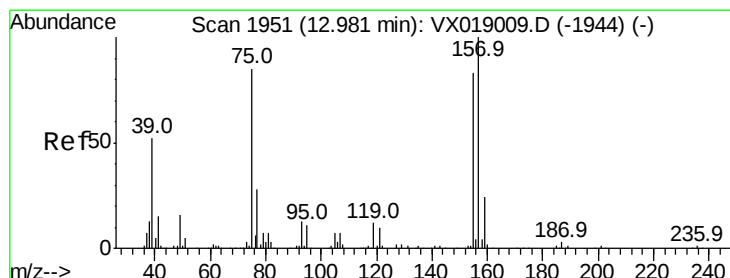
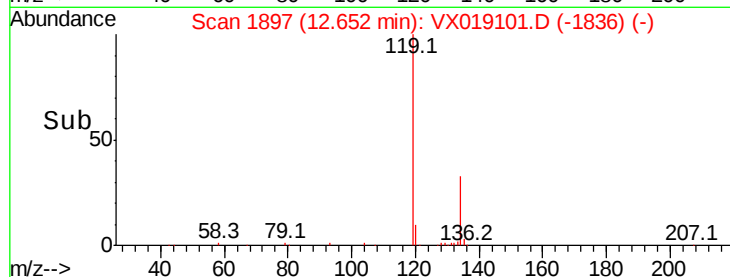
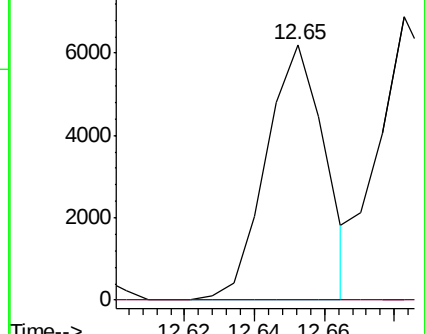
117 100

201 0.0 37.1 111.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.347 ug/l

RT: 12.96 min Scan# 1947

Delta R.T. -0.02 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

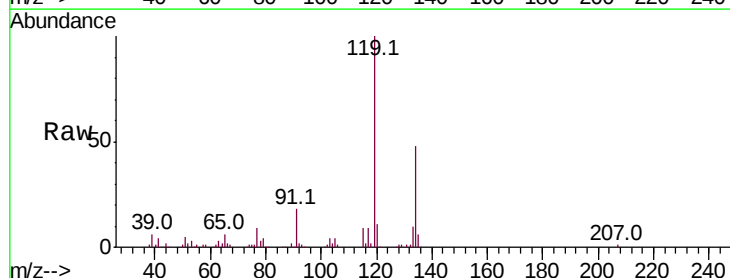
Tgt Ion: 75 Resp: 409

Ion Ratio Lower Upper

75 100

155 0.0 47.3 142.0#

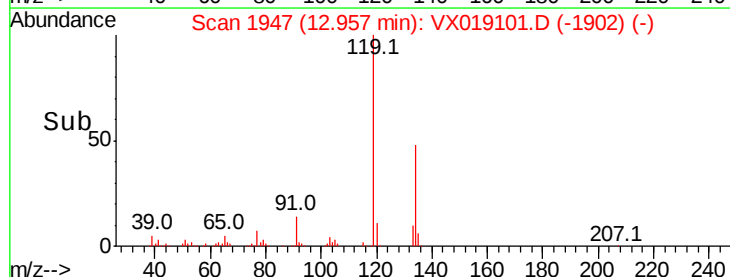
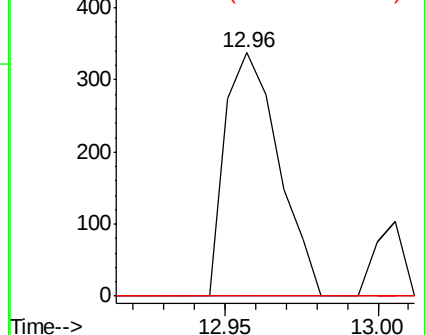
157 0.0 59.7 179.0#

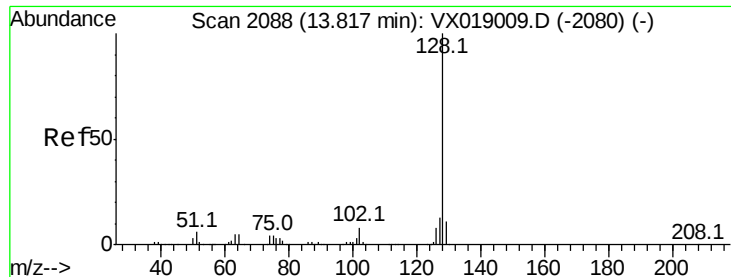


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 17.509 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019101.D

Acq: 24 Oct 2020 02:59

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

Tot Ion:128 Resp: 299554

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.0 8.7 13.1

