

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019054.D
 Acq On : 23 Oct 2020 02:27
 Operator : JC/SP
 Sample : L4417-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: Oct 23 08:39:30 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	5.64	168	275234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	487056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	476648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	285216	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	166894	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
35) Dibromofluoromethane	5.46	113	148440	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
50) Toluene-d8	8.70	98	633433	53.83	ug/l	0.00
Spiked Amount			Recovery	=	107.66%	
62) 4-Bromofluorobenzene	11.12	95	242685	57.98	ug/l	0.00
Spiked Amount			Recovery	=	115.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	245	Below Cal	#	2
6) Chloroethane	1.67	64	17473	7.599	ug/l #	52
10) Methyl Iodide	2.49	142	27	4.777	ug/l #	42
11) Tert butyl alcohol	3.01	59	1486	2.225	ug/l #	73
13) Acrolein	2.38	56	220267	840.757	ug/l #	79
14) Allyl chloride	2.76	41	29092	8.394	ug/l #	60
15) Acrylonitrile	3.15	53	49692	38.485	ug/l #	39
16) Acetone	2.38	43	503747	448.593	ug/l #	50
18) Methyl Acetate	2.82	43	1341243	481.323	ug/l #	44
19) Methyl tert-butyl Ether	3.17	73	3376	0.398	ug/l #	1
20) Methylene Chloride	2.77	84	14177	4.535	ug/l #	18
23) Vinyl Acetate	3.79	43	10387	1.601	ug/l #	70
25) 2-Butanone	4.64	43	17522	9.875	ug/l	98
29) Tetrahydrofuran	5.04	42	1678	1.582	ug/l #	22
30) Chloroform	5.24	83	111997	20.728	ug/l #	30
31) Cyclohexane	5.56	56	528032	136.768	ug/l	95
36) 1,1-Dichloropropene	5.62	75	19869	4.546	ug/l #	49
37) Ethyl Acetate	4.87	43	3291	0.882	ug/l #	1
38) Carbon Tetrachloride	5.63	117	26968	5.879	ug/l #	17
39) Methylcyclohexane	7.44	83	447062	91.306	ug/l	94
40) Benzene	6.12	78	31510	2.448	ug/l	99
41) Methacrylonitrile	5.04	41	17171	8.570	ug/l #	35
43) Isopropyl Acetate	6.43	43	22154	3.507	ug/l #	58
45) 1,2-Dichloropropane	7.45	63	5932	1.921	ug/l #	1
46) Dibromomethane	7.62	93	1124	0.478	ug/l #	1
47) Bromodichloromethane	7.82	83	11262	2.443	ug/l #	75
48) Methyl methacrylate	7.76	41	10620	3.412	ug/l #	70
51) 4-Methyl-2-Pentanone	8.62	43	2393	0.643	ug/l	87
52) Toluene	8.76	92	62909	7.400	ug/l	98
55) 1,1,2-Trichloroethane	9.15	97	34856	10.058	ug/l #	20
56) Ethyl methacrylate	9.15	69	9024	1.810	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.24	63	1316	0.502	ug/l #	42
59) 2-Hexanone	9.48	43	12940	4.665	ug/l	60
67) Ethyl Benzene	10.24	91	10524709	610.689	ug/l #	85

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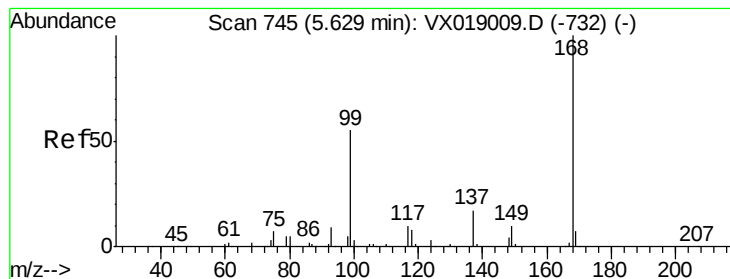
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: Oct 23 08:39:30 2020
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

68) m/p-Xylenes	10.35	106	8631242	1307.407	ug/l	75
69) o-Xylene	10.68	106	245241	38.814	ug/l	99
70) Styrene	10.68	104	13438	1.253	ug/l #	1
73) Isopropylbenzene	11.01	105	9082160	442.648	ug/l	92
74) N-amyl acetate	10.85	43	11240	1.710	ug/l #	32
76) 1,2,3-Trichloropropane	11.35	75	69751	12.236	ug/l #	1
78) n-propylbenzene	11.35	91	10480119	450.772	ug/l	91
79) 2-Chlorotoluene	11.44	91	1358880	100.188	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	9830563	580.201	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.01	75	106961	47.804	ug/l #	60
82) 4-Chlorotoluene	11.49	91	1224890	75.898	ug/l #	44
83) tert-Butylbenzene	11.80	119	4337120	259.848	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.66	105	8829667	520.430	ug/l	84
85) sec-Butylbenzene	11.79	105	18214137	901.787	ug/l #	56
86) p-Isopropyltoluene	12.01	119	160591	8.702	ug/l #	75
89) n-Butylbenzene	12.36	91	706785	41.839	ug/l #	4
90) Hexachloroethane	12.57	117	147535	52.219	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13074	9.289	ug/l #	1
95) Naphthalene	13.82	128	5471082	268.179	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

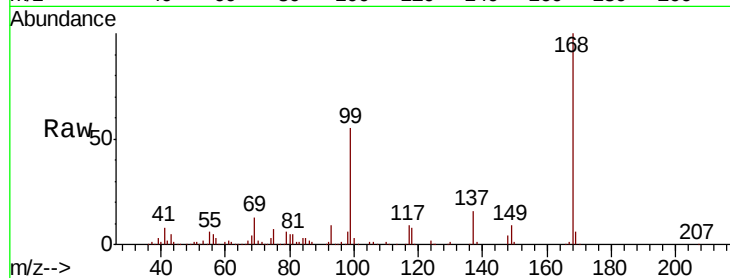
MW-10

Tot Ion:168 Resp: 275234

Ion Ratio Lower Upper

168 100

99 55.1 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

60000

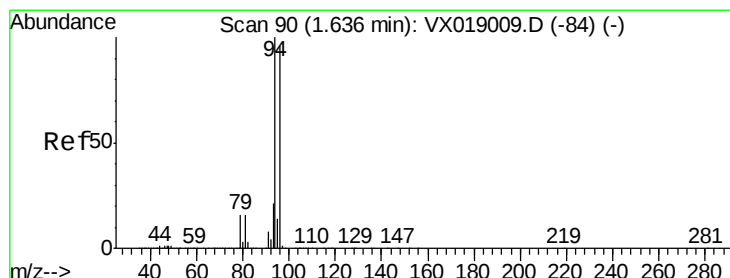
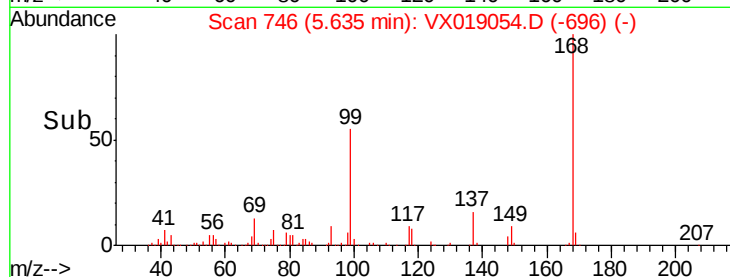
40000

20000

0

Time-->

5.50 5.60 5.70



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019054.D

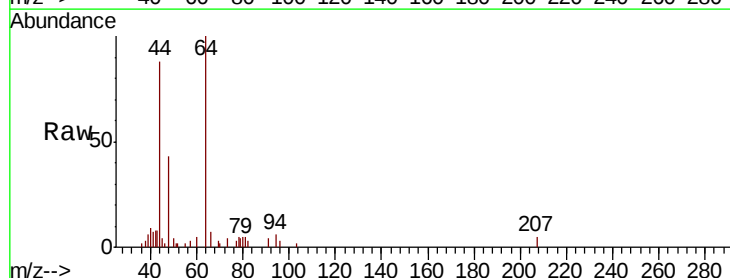
Acq: 23 Oct 2020 02:27

Tgt Ion: 94 Resp: 245

Ion Ratio Lower Upper

94 100

96 0.0 77.1 115.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

150

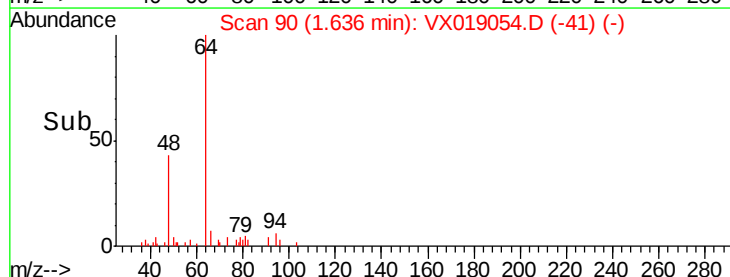
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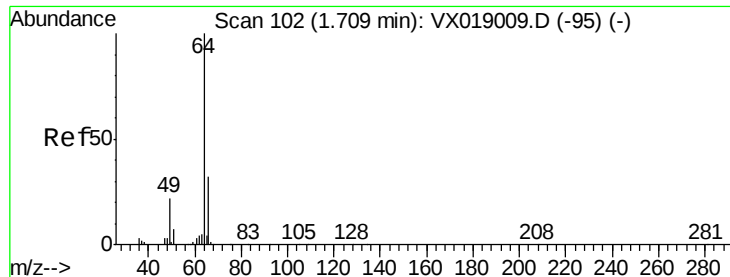
50

0

Time-->

1.60 1.65





#6

Chloroethane

Concen: 7.599 ug/l

RT: 1.67 min Scan# 96

Delta R.T. -0.04 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

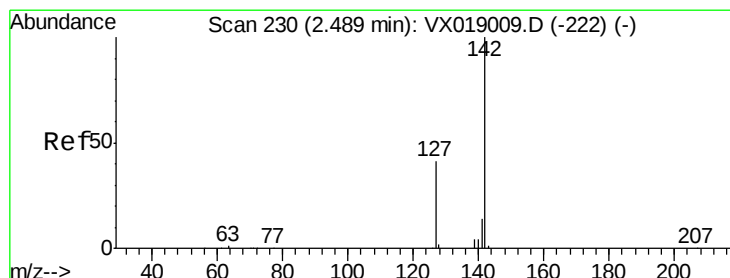
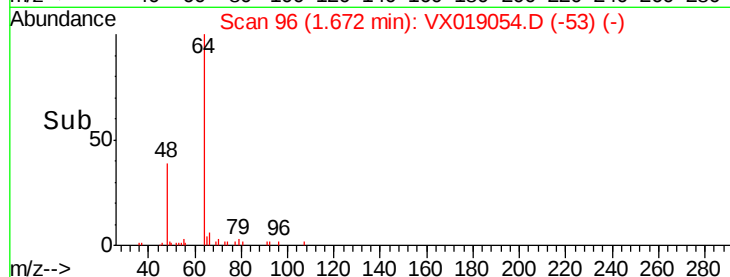
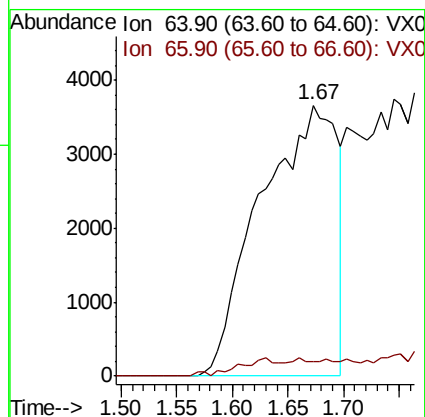
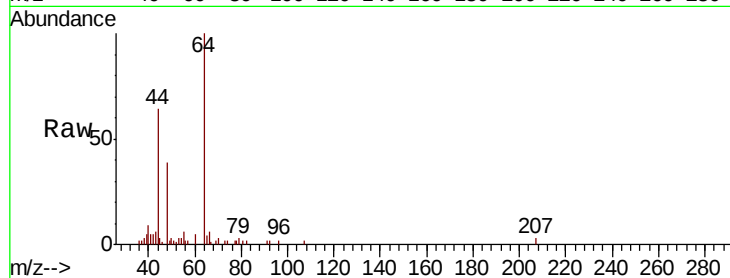
MW-10

Tot Ion: 64 Resp: 17473

Ion Ratio Lower Upper

64 100

66 5.6 25.7 38.5#



#10

Methyl Iodide

Concen: 4.777 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

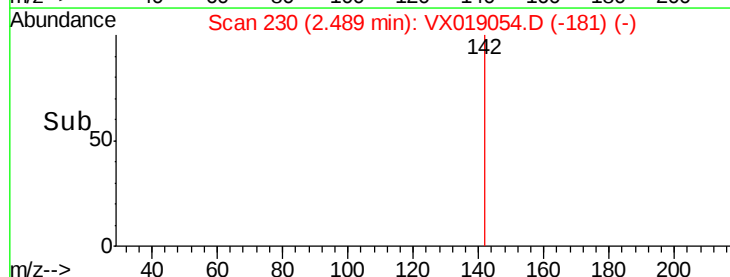
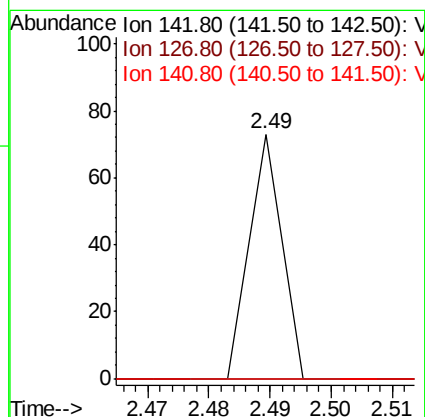
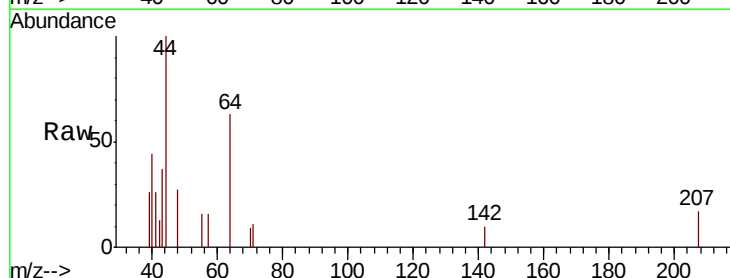
Tgt Ion: 142 Resp: 27

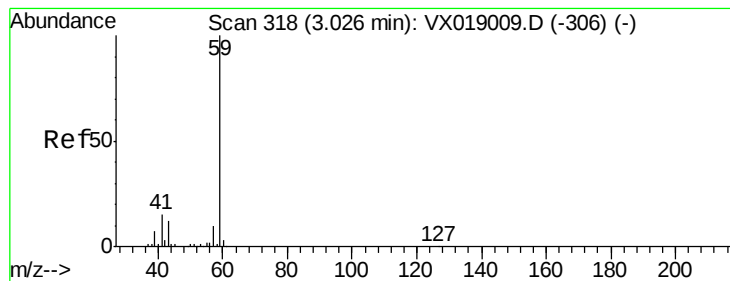
Ion Ratio Lower Upper

142 100

127 0.0 33.6 50.4#

141 0.0 11.2 16.8#



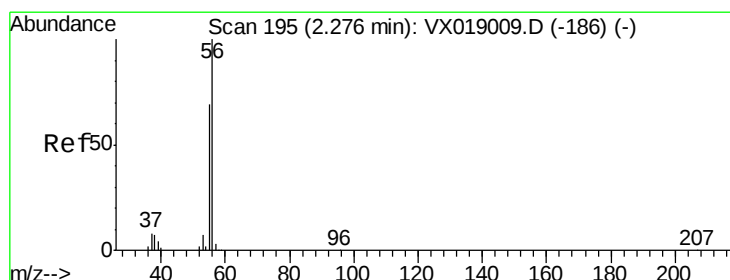
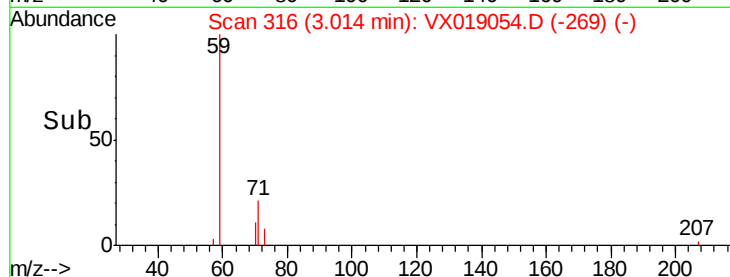
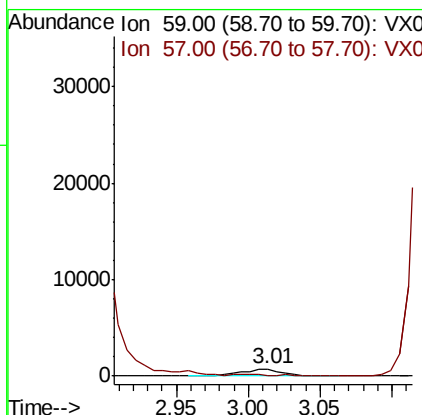
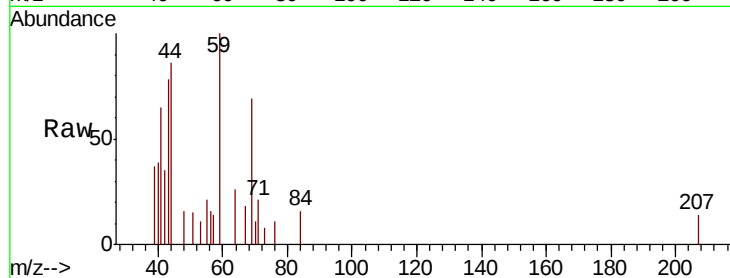


#11

Tert butyl alcohol
 Concen: 2.225 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

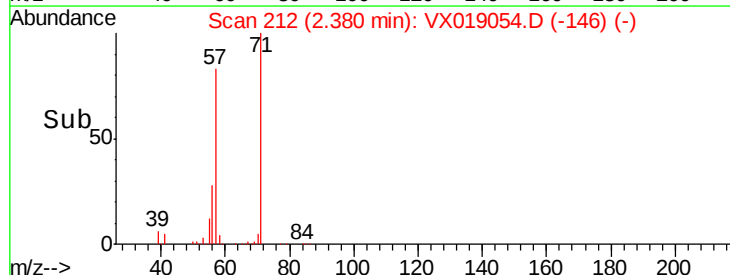
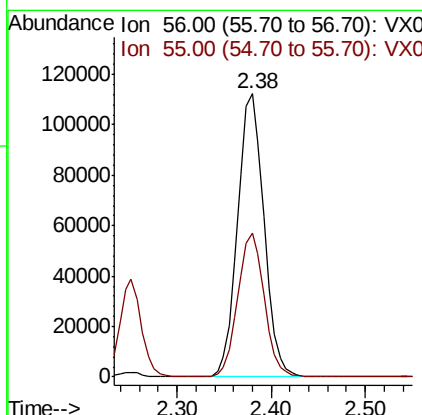
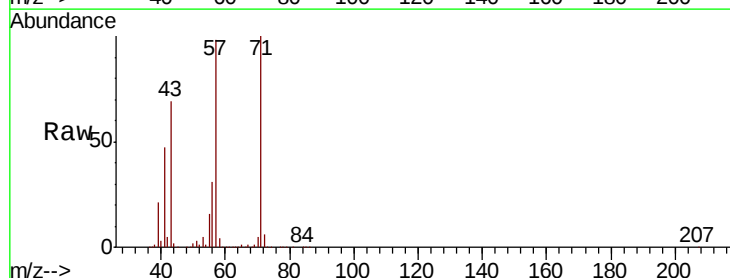
Tot Ion: 59 Resp: 1486
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

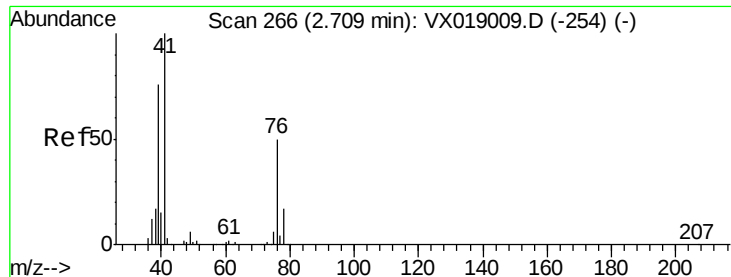


#13

Acrolein
 Concen: 840.757 ug/l
 RT: 2.38 min Scan# 212
 Delta R.T. 0.10 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

Tgt Ion: 56 Resp: 220267
 Ion Ratio Lower Upper
 56 100
 55 50.7 54.2 81.4#

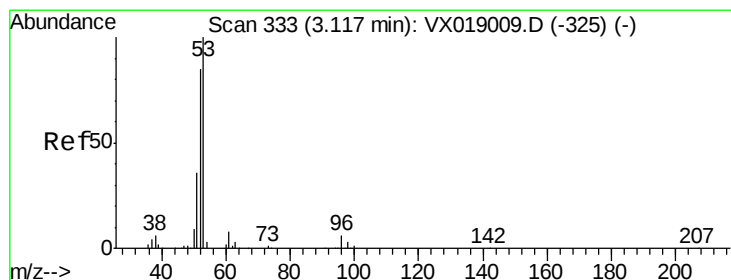
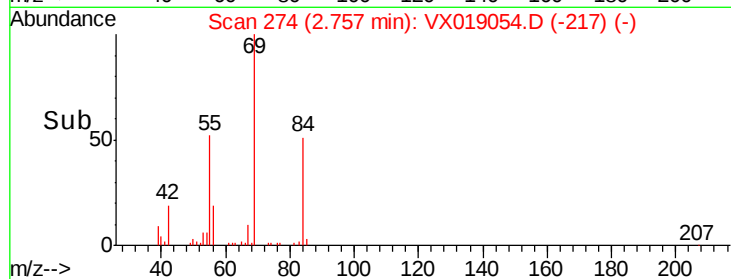
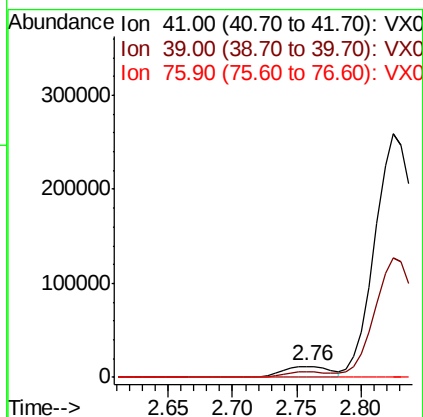
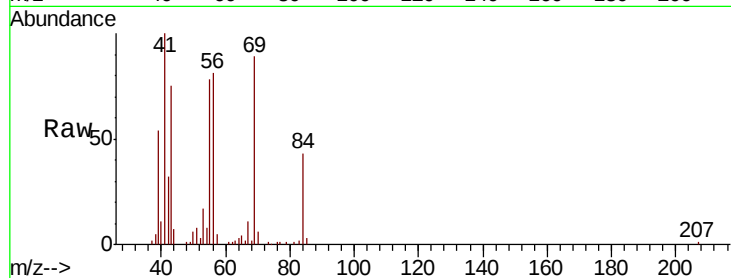




#14
 Allvl chloride
 Concen: 8.394 ug/l
 RT: 2.76 min Scan# 274
 Delta R.T. 0.05 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

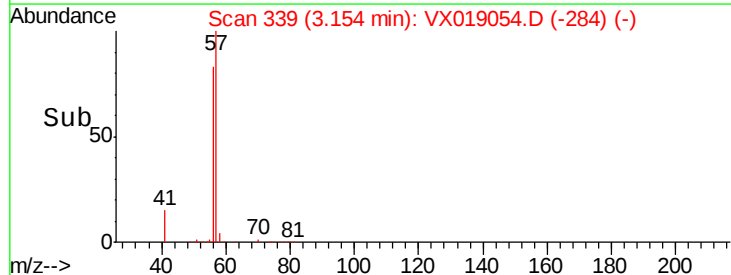
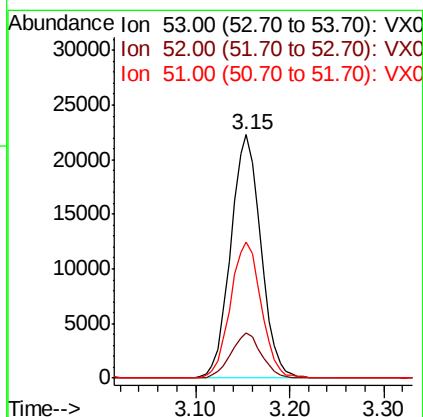
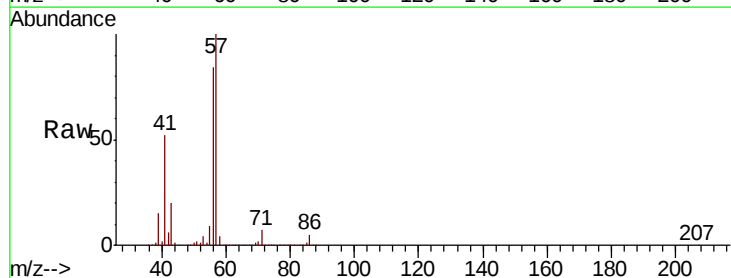
Instrument :
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 ClientSampleId :
 MW-10

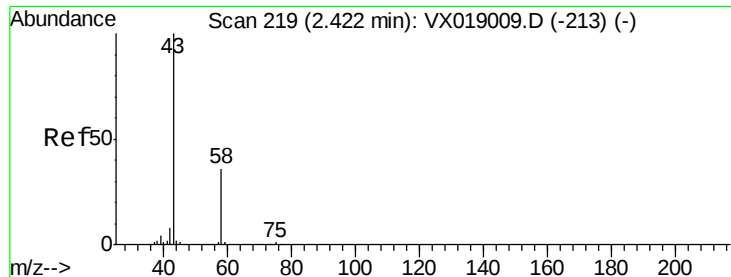
Tot Ion: 41 Resp: 29092
 Ion Ratio Lower Upper
 41 100
 39 54.7 57.4 86.0#
 76 0.0 37.7 56.5#



#15
 Acrylonitrile
 Concen: 38.485 ug/l
 RT: 3.15 min Scan# 339
 Delta R.T. 0.04 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

Tgt Ion: 53 Resp: 49692
 Ion Ratio Lower Upper
 53 100
 52 18.7 65.9 98.9#
 51 57.2 28.3 42.5#





#16

Acetone

Concen: 448.593 ug/l

RT: 2.38 min Scan# 212

Delta R.T. -0.04 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampled :

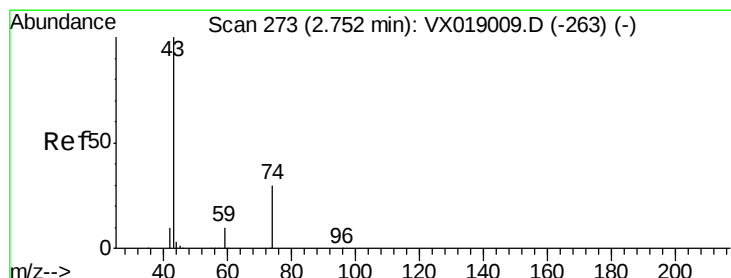
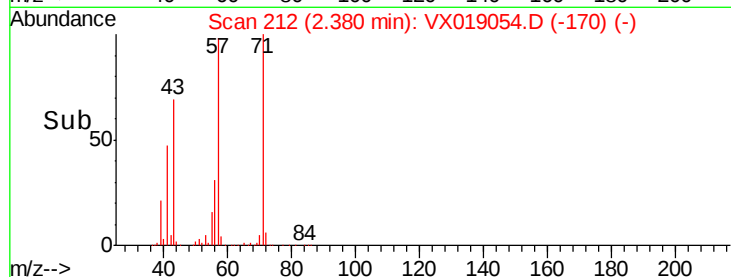
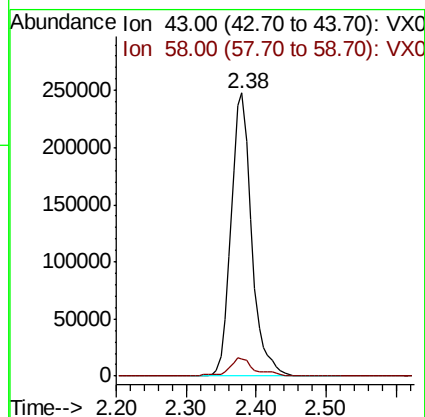
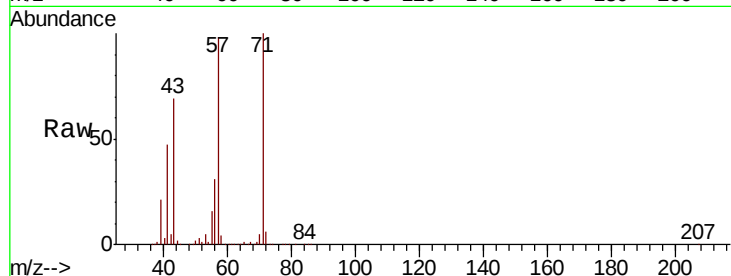
MW-10

Tot Ion: 43 Resp: 503747

Ion Ratio Lower Upper

43 100

58 6.2 28.6 42.8#



#18

Methyl Acetate

Concen: 481.323 ug/l

RT: 2.82 min Scan# 285

Delta R.T. 0.07 min

Lab File: VX019054.D

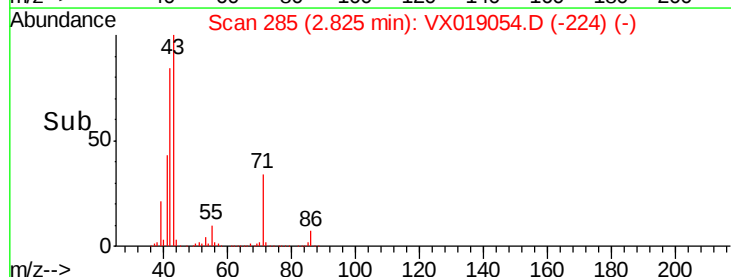
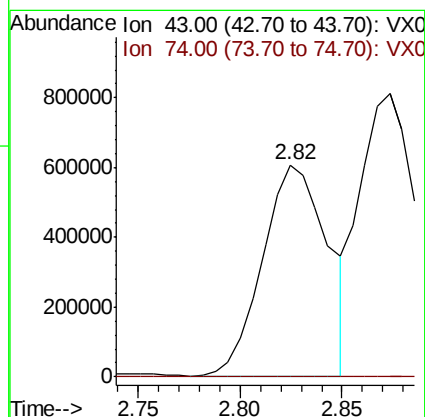
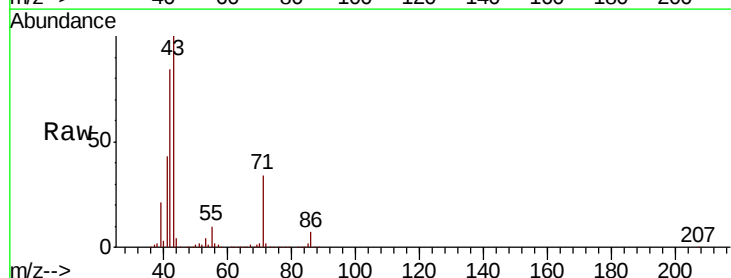
Acq: 23 Oct 2020 02:27

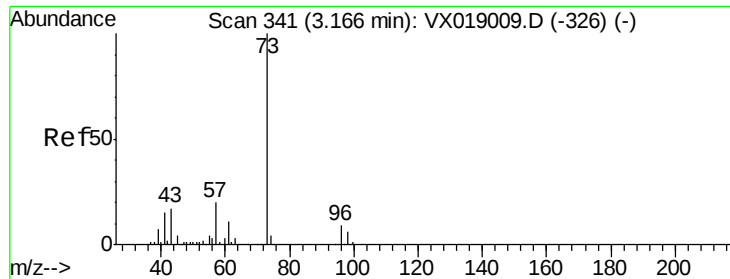
Tgt Ion: 43 Resp: 1341243

Ion Ratio Lower Upper

43 100

74 0.0 24.9 37.3#



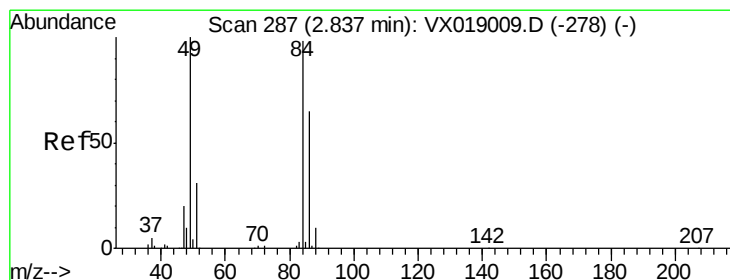
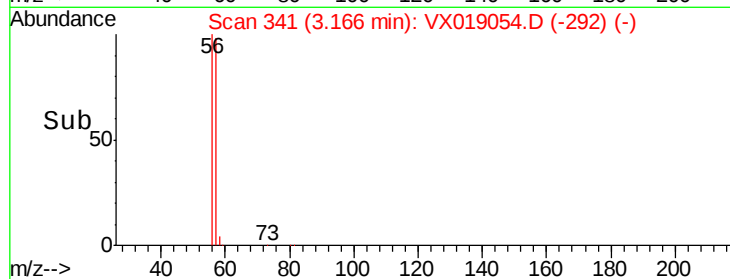
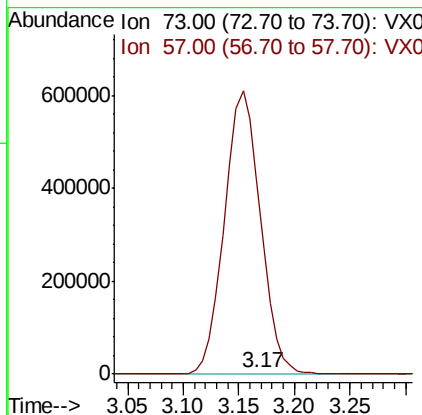
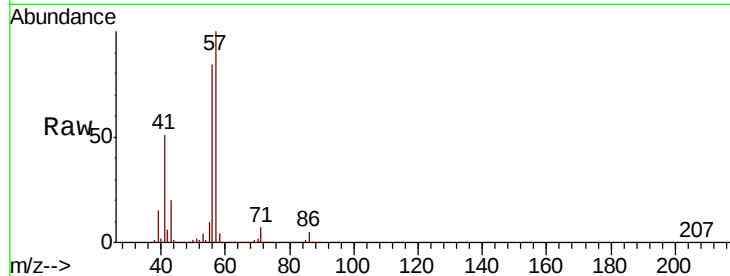


#19

Methyl tert-butyl Ether
 Concen: 0.398 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

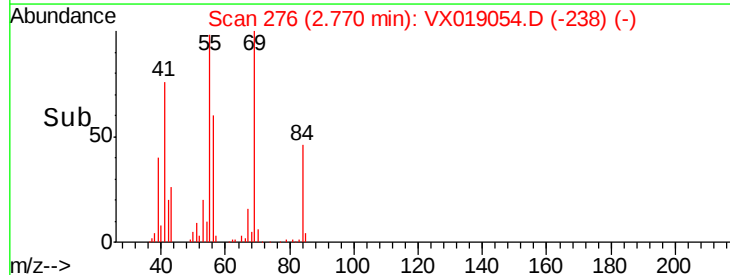
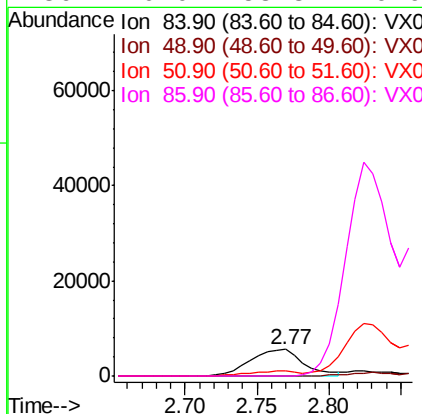
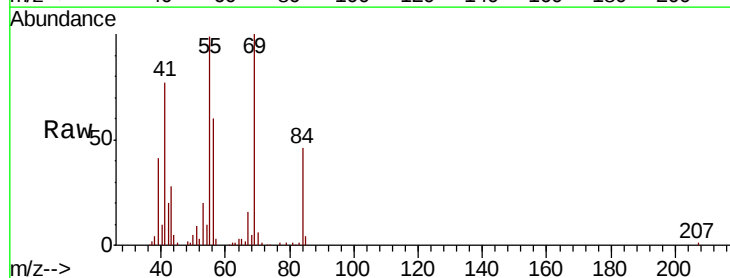
Tot Ion: 73 Resp: 3376
 Ion Ratio Lower Upper
 73 100
 57 28230.5 16.2 24.2#

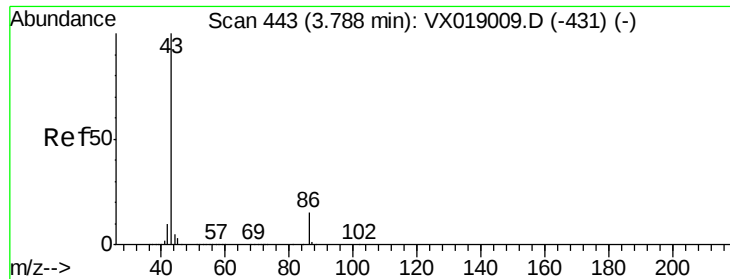


#20

Methylene Chloride
 Concen: 4.535 ug/l
 RT: 2.77 min Scan# 276
 Delta R.T. -0.07 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

Tgt Ion: 84 Resp: 14177
 Ion Ratio Lower Upper
 84 100
 49 1.9 81.6 122.4#
 51 18.9 25.6 38.4#
 86 0.0 53.3 79.9#





#23

Vinyl Acetate

Concen: 1.601 ug/l

RT: 3.79 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampled :

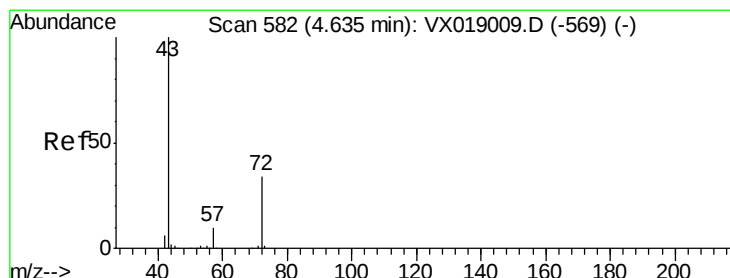
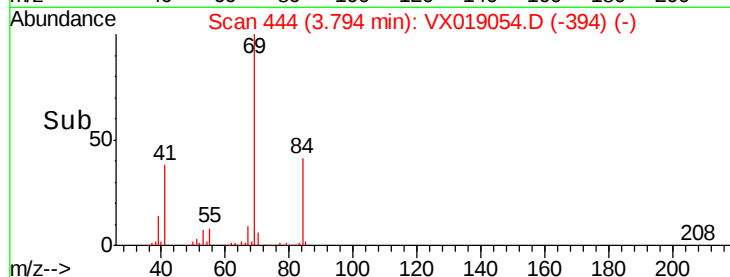
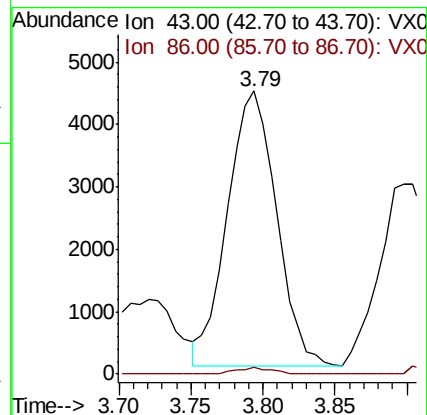
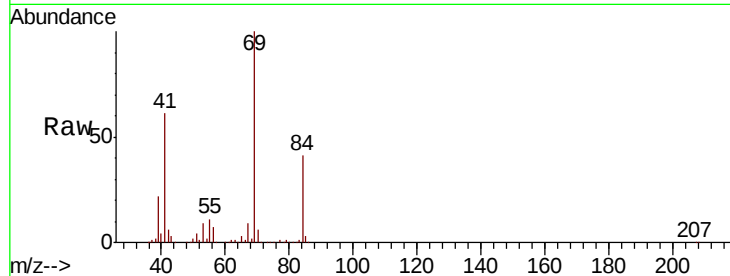
MW-10

Tot Ion: 43 Resp: 10387

Ion Ratio Lower Upper

43 100

86 2.3 11.7 17.5#



#25

2-Butanone

Concen: 9.875 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019054.D

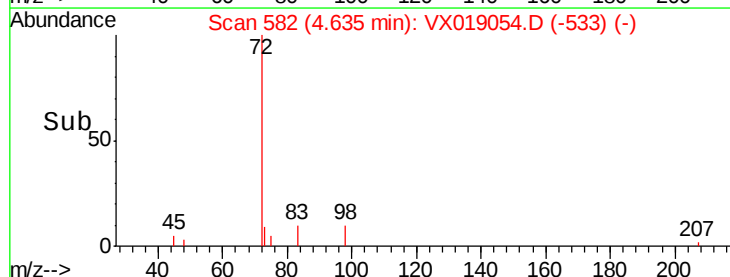
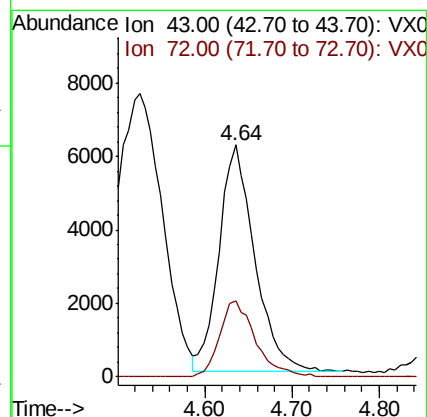
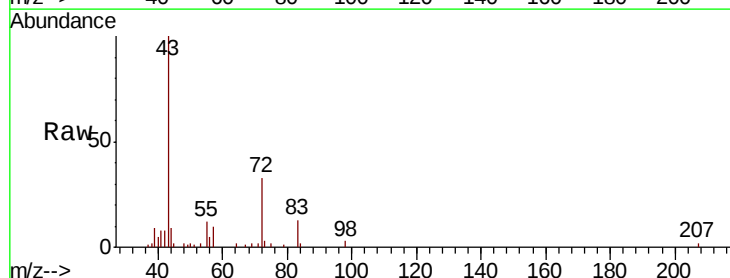
Acq: 23 Oct 2020 02:27

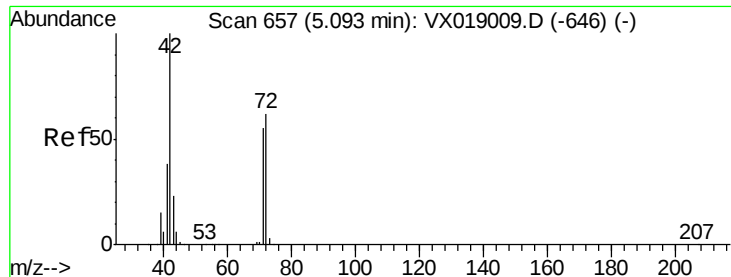
Tgt Ion: 43 Resp: 17522

Ion Ratio Lower Upper

43 100

72 33.7 27.8 41.6





#29

Tetrahydrofuran

Concen: 1.582 ug/l

RT: 5.04 min Scan# 648

Delta R.T. -0.06 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampled :

MW-10

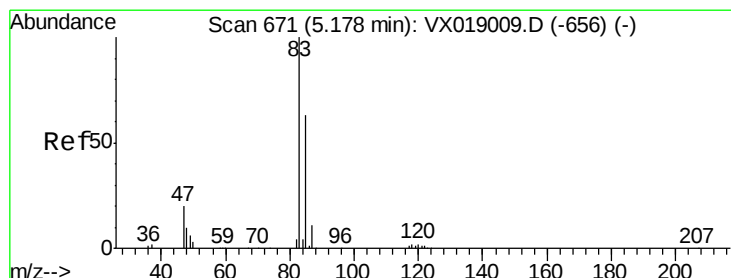
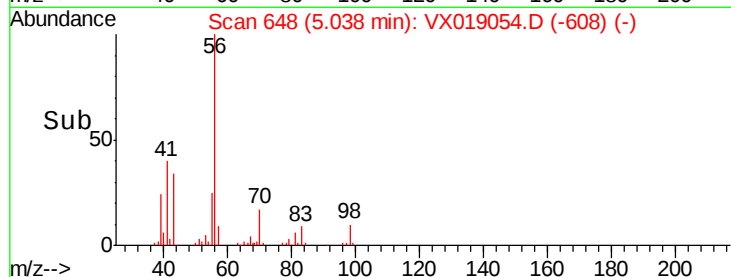
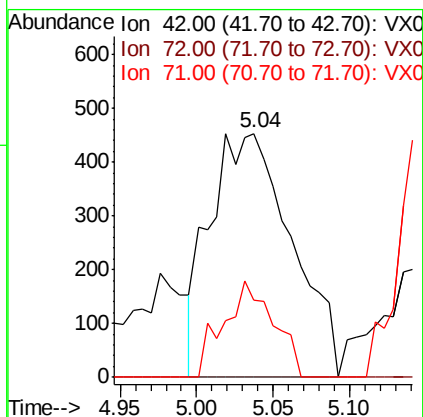
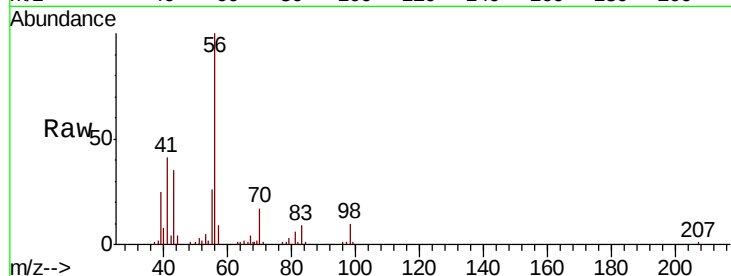
Tot Ion: 42 Resp: 1678

Ion Ratio Lower Upper

42 100

72 0.0 49.1 73.7#

71 0.0 44.2 66.4#



#30

Chloroform

Concen: 20.728 ug/l

RT: 5.24 min Scan# 682

Delta R.T. 0.07 min

Lab File: VX019054.D

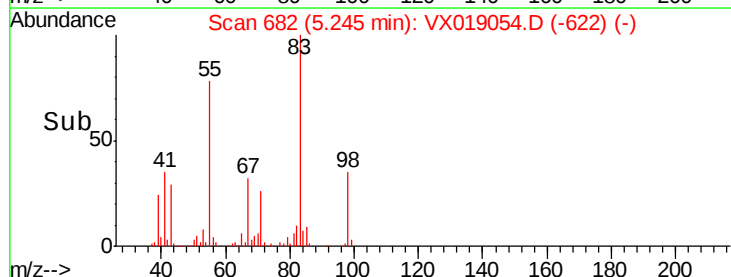
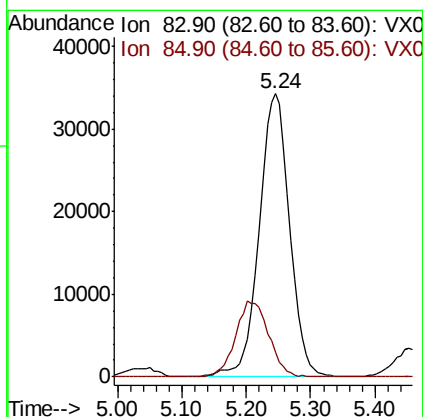
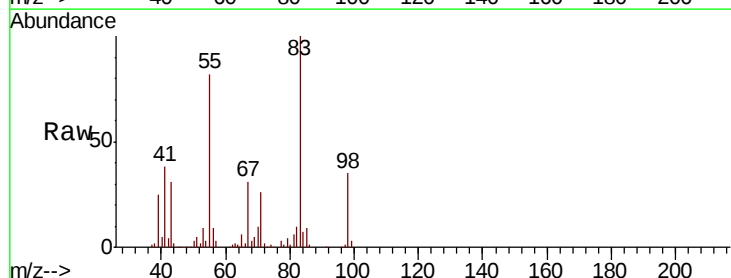
Acq: 23 Oct 2020 02:27

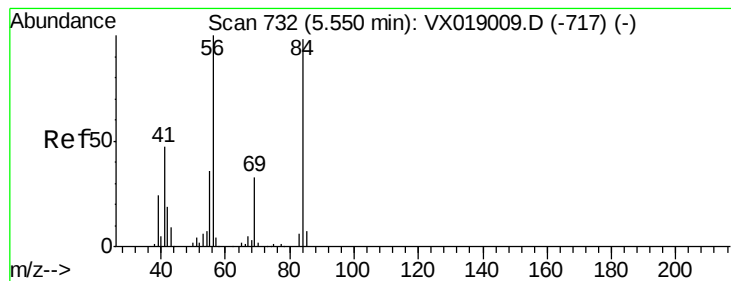
Tgt Ion: 83 Resp: 111997

Ion Ratio Lower Upper

83 100

85 9.0 50.5 75.7#





#31

Cyclohexane

Concen: 136.768 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampled :

MW-10

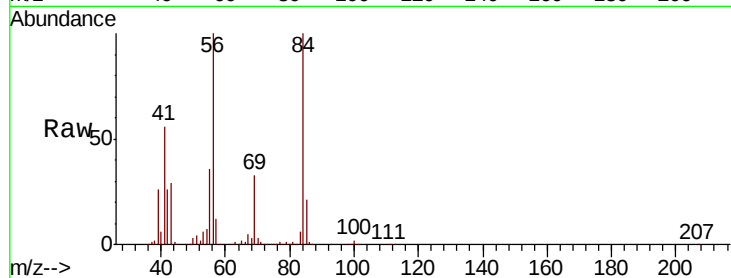
Tot Ion: 56 Resp: 528032

Ion Ratio Lower Upper

56 100

69 26.7 26.2 39.2

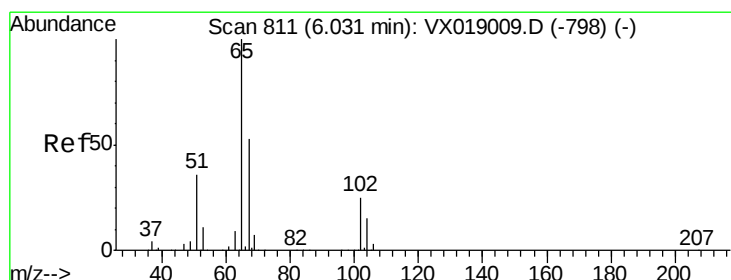
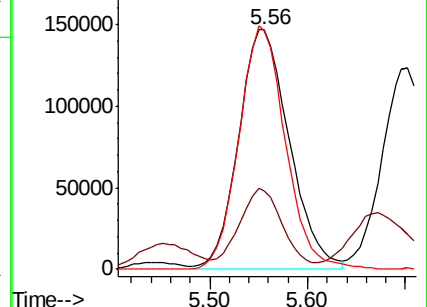
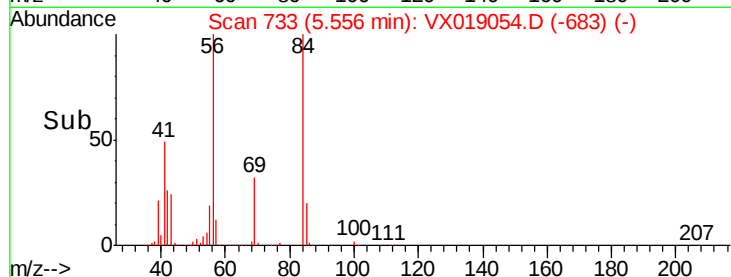
84 100.9 78.3 117.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.622 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019054.D

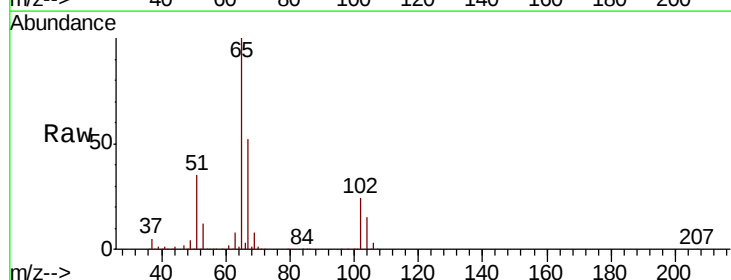
Acq: 23 Oct 2020 02:27

Tgt Ion: 65 Resp: 166894

Ion Ratio Lower Upper

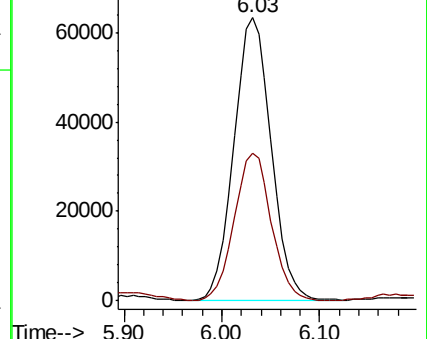
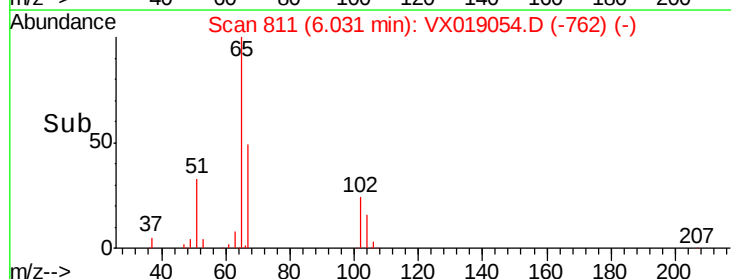
65 100

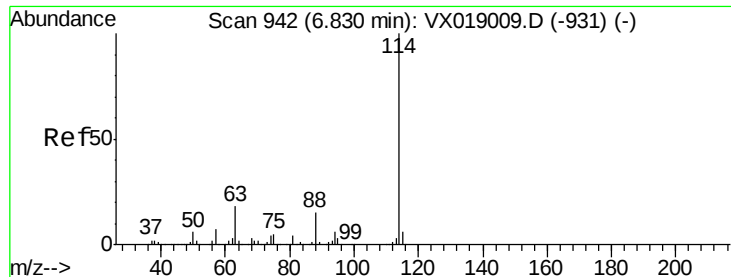
67 51.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampled :

MW-10

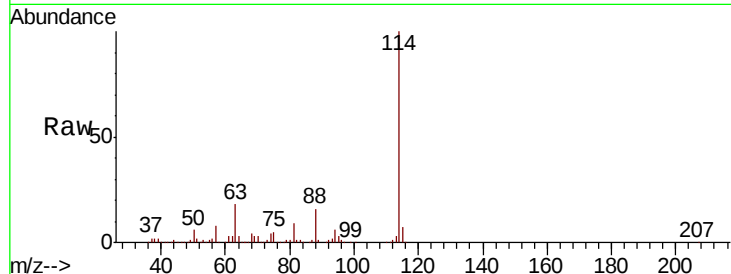
Tot Ion:114 Resp: 487056

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

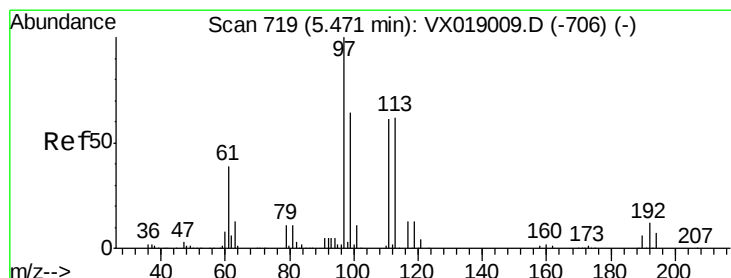
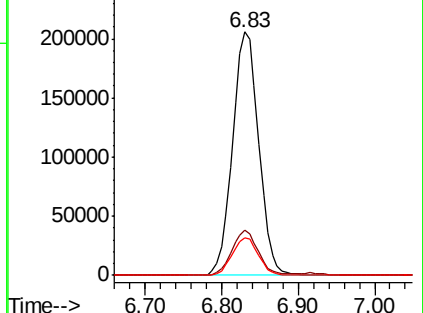
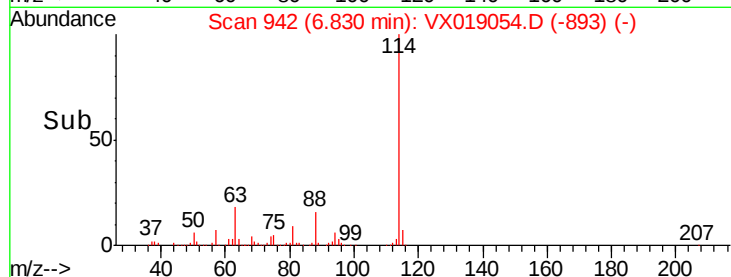
88 15.6 0.0 30.2



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: 48.137 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

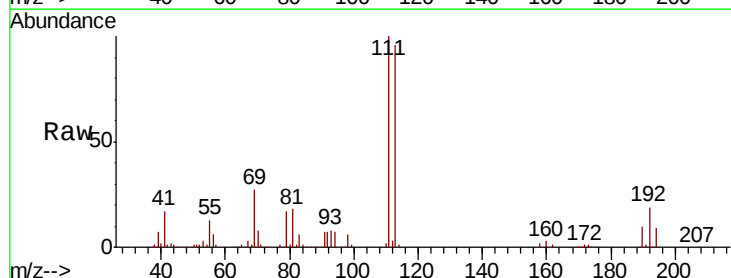
Tgt Ion:113 Resp: 148440

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

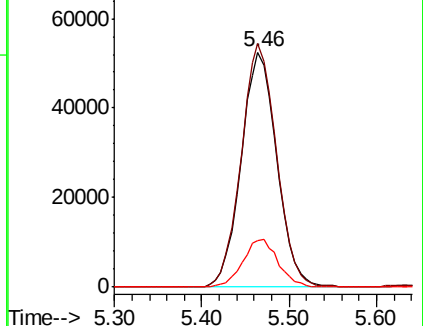
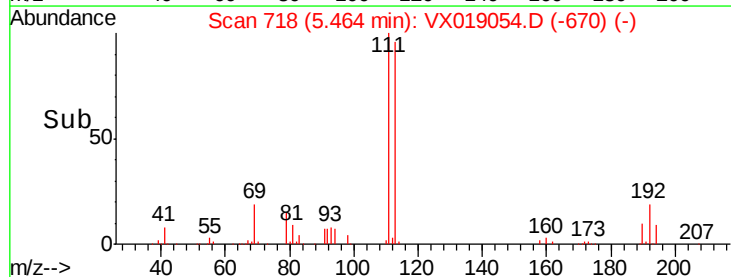
192 20.1 16.3 24.5

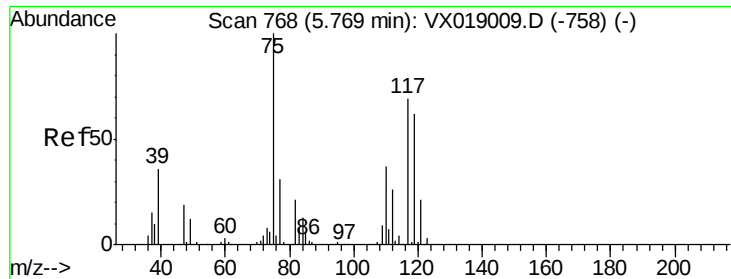


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.546 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampled :

MW-10

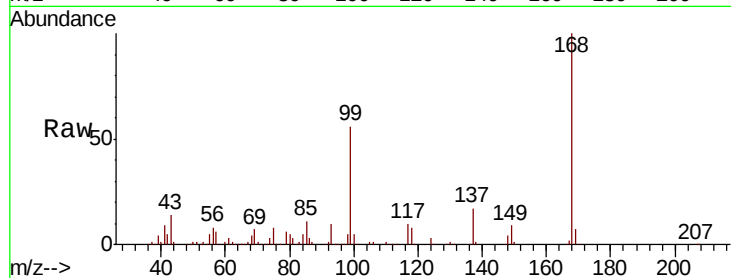
Tot Ion: 75 Resp: 19869

Ion Ratio Lower Upper

75 100

110 10.3 19.4 58.2#

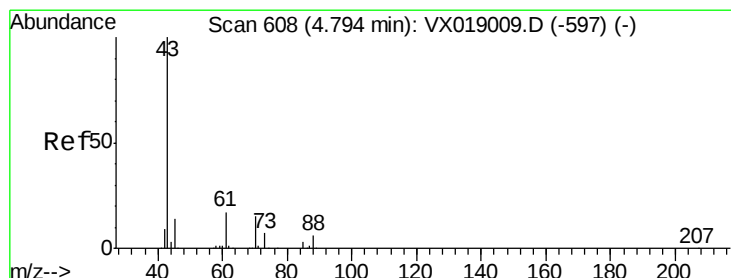
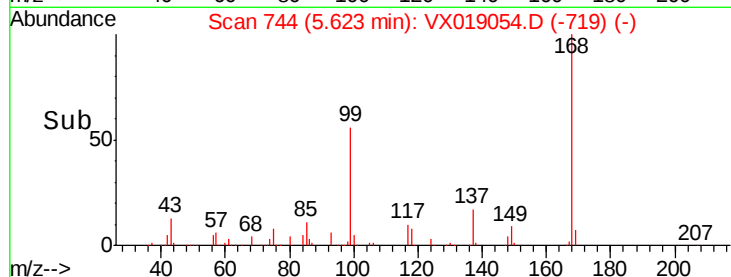
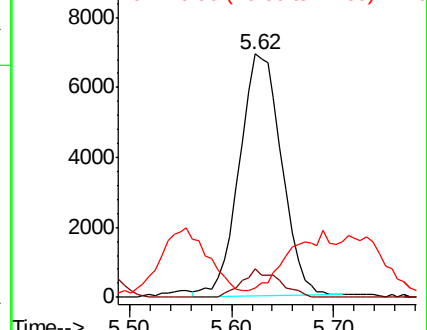
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.882 ug/l

RT: 4.87 min Scan# 620

Delta R.T. 0.07 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

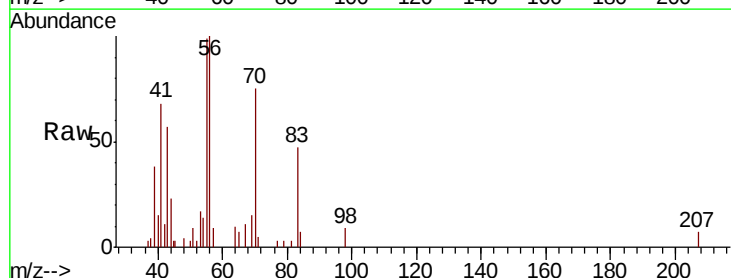
Tgt Ion: 43 Resp: 3291

Ion Ratio Lower Upper

43 100

61 0.0 13.8 20.8#

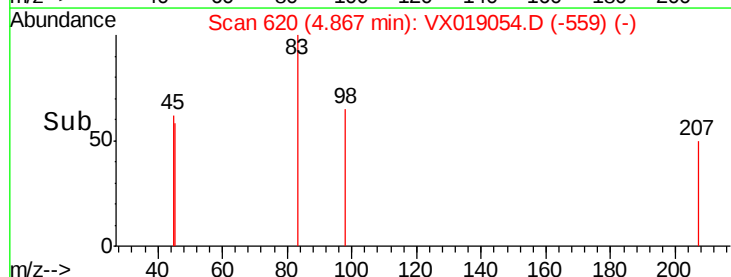
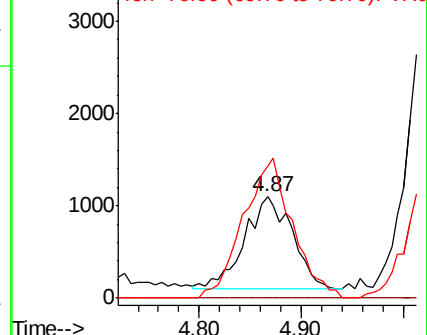
70 153.5 11.4 17.2#

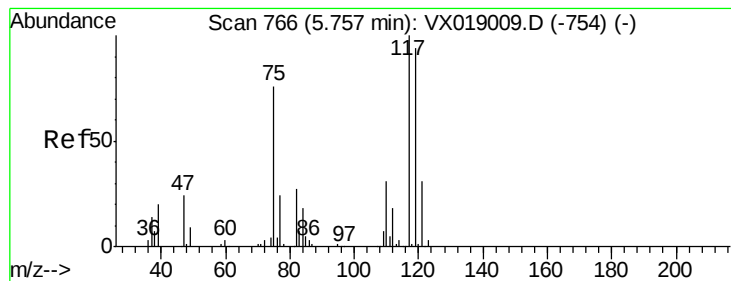


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 5.879 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

MW-10

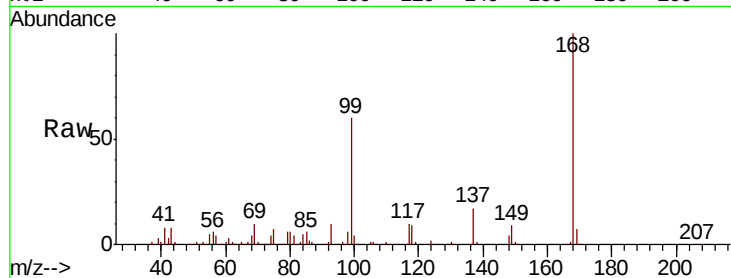
Tot Ion:117 Resp: 26968

Ion Ratio Lower Upper

117 100

119 5.3 75.4 113.0#

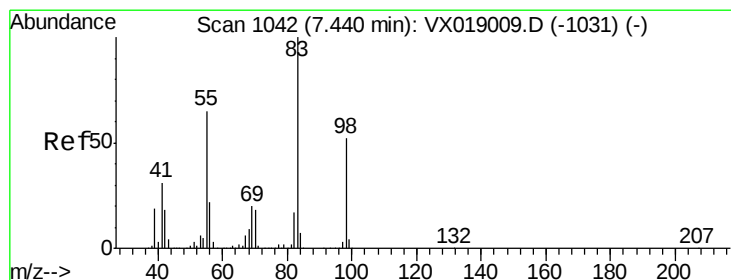
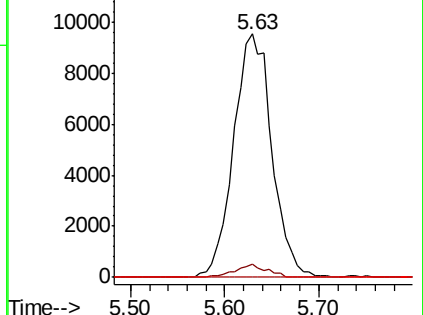
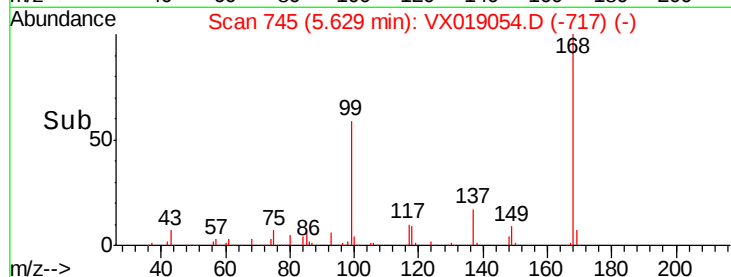
121 0.0 25.0 37.6#



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

Methylcyclohexane

Concen: 91.306 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

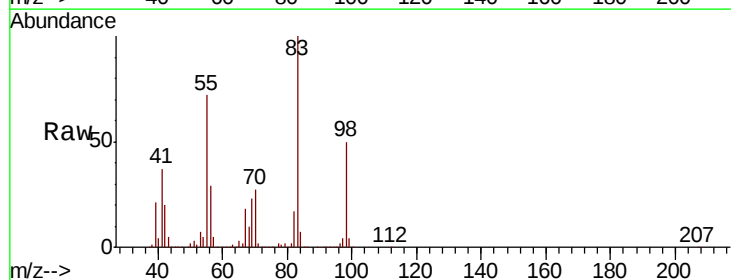
Tgt Ion: 83 Resp: 447062

Ion Ratio Lower Upper

83 100

55 71.5 51.8 77.6

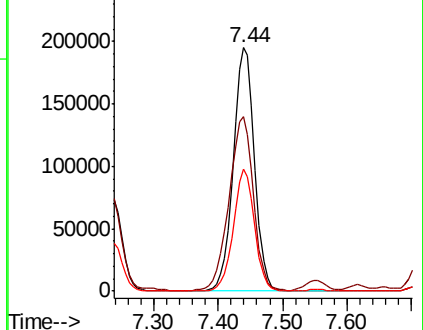
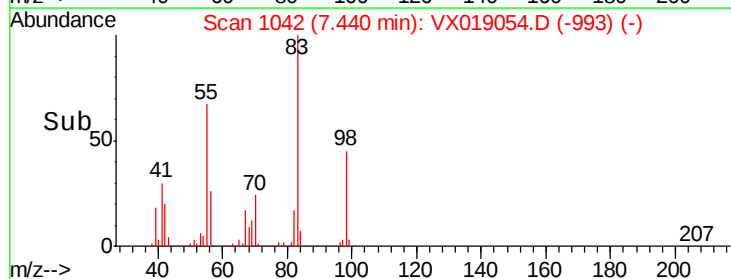
98 49.9 41.4 62.2

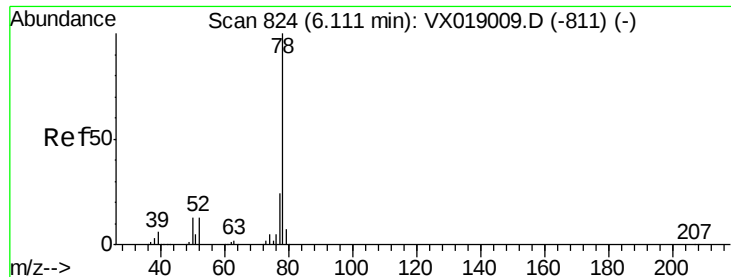


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 2.448 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

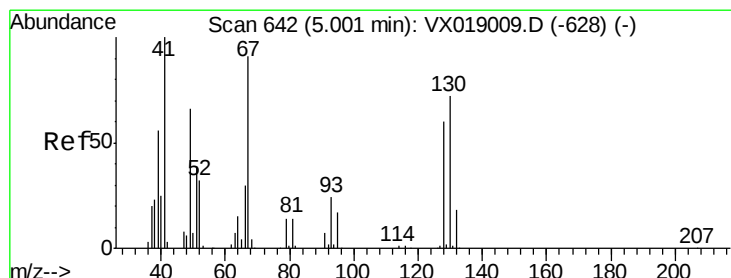
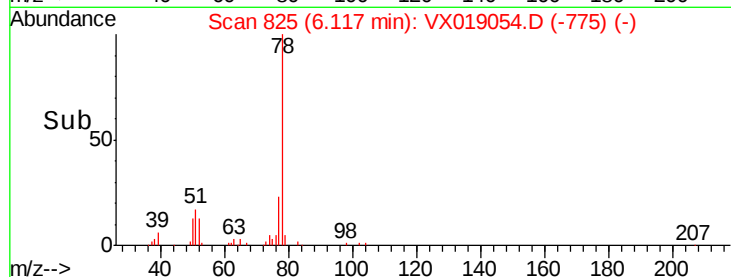
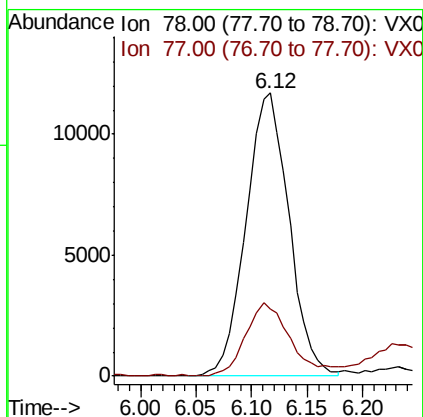
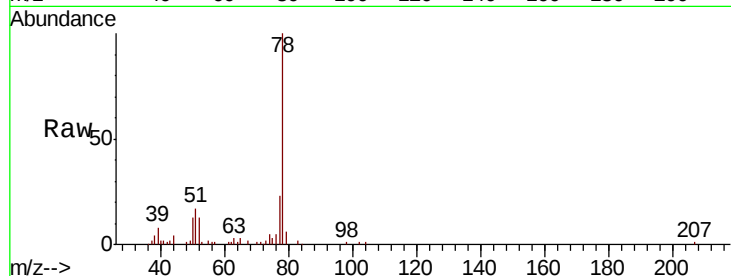
MW-10

Tot Ion: 78 Resp: 31510

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9



#41

Methacrylonitrile

Concen: 8.570 ug/l

RT: 5.04 min Scan# 648

Delta R.T. 0.04 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Tgt Ion: 41 Resp: 17171

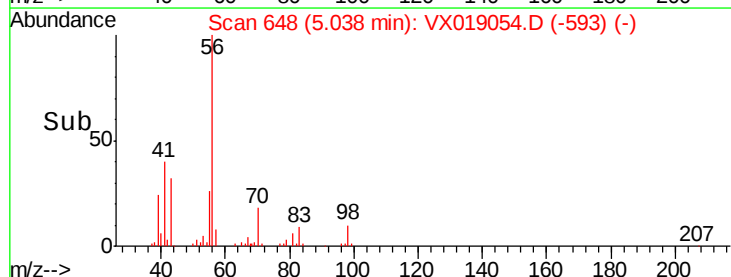
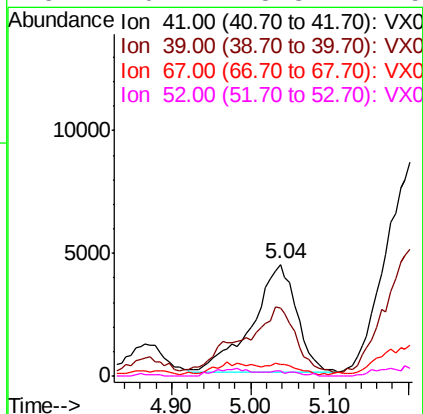
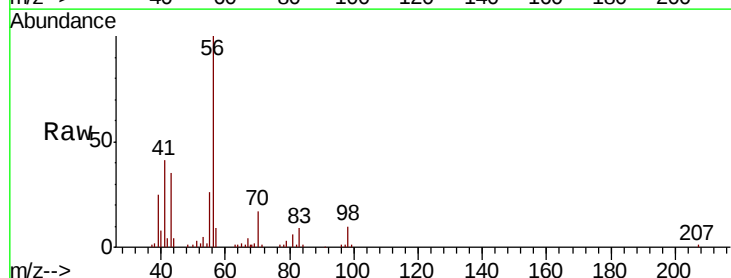
Ion Ratio Lower Upper

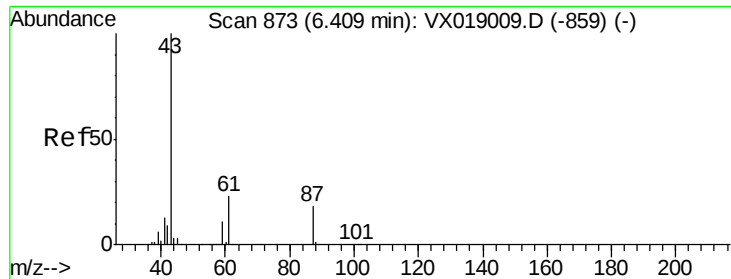
41 100

39 72.5 44.6 67.0#

67 6.7 76.1 114.1#

52 0.4 28.3 42.5#



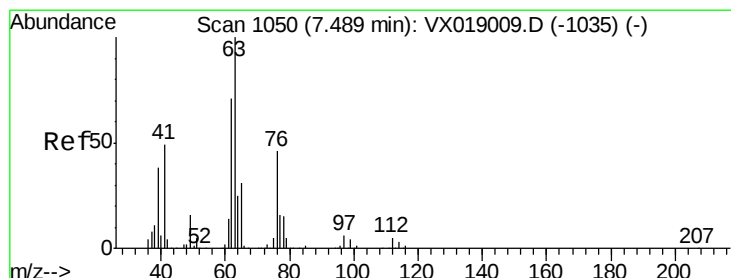
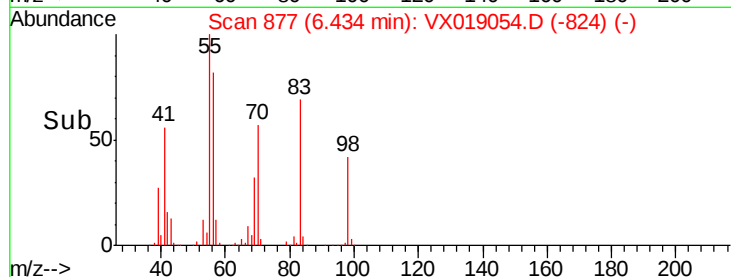
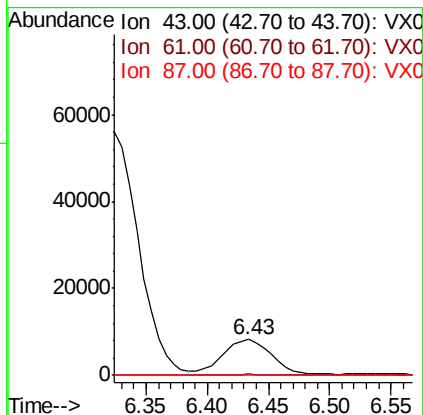
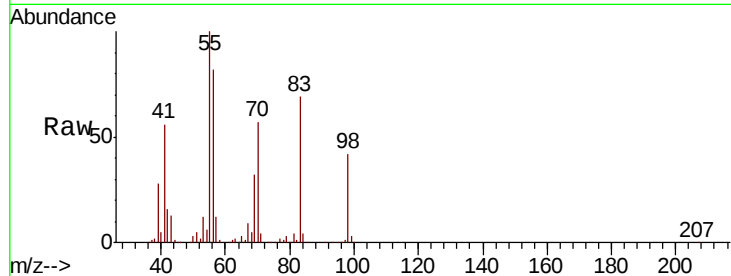


#43

Isopropyl Acetate
 Concen: 3.507 ug/l
 RT: 6.43 min Scan# 877
 Delta R.T. 0.02 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

Instrument :
 MSVOA_X
 ClientSampled :
 MW-10

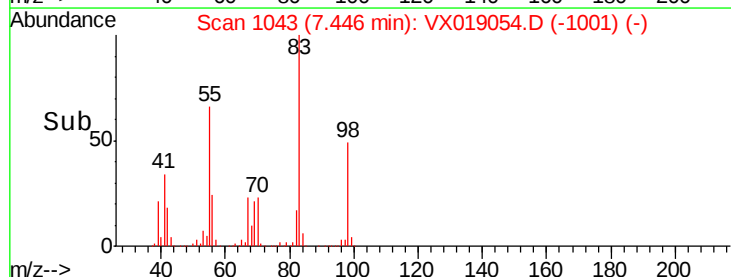
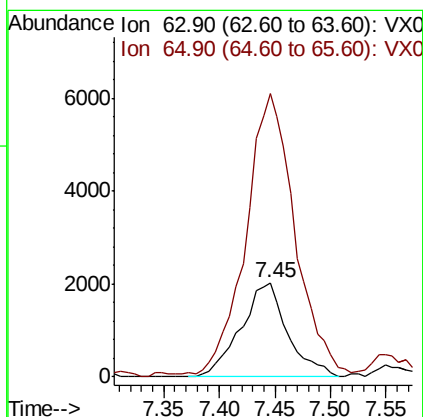
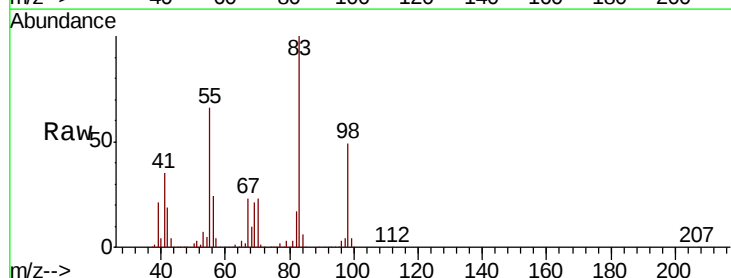
Tot Ion: 43 Resp: 22154
 Ion Ratio Lower Upper
 43 100
 61 2.1 18.7 28.1#
 87 0.0 14.2 21.4#

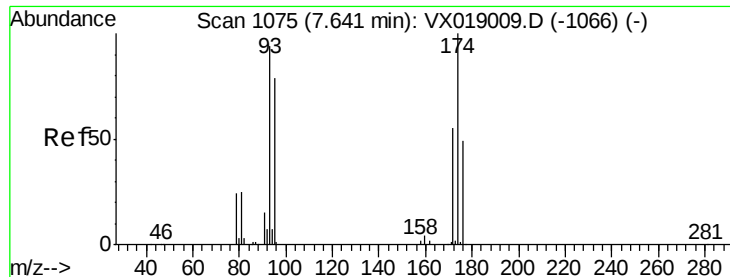


#45

1,2-Dichloropropane
 Concen: 1.921 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. -0.04 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

Tgt Ion: 63 Resp: 5932
 Ion Ratio Lower Upper
 63 100
 65 296.1 24.9 37.3#





#46

Dibromomethane

Concen: 0.478 ug/l

RT: 7.62 min Scan# 1072

Delta R.T. -0.02 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

MW-10

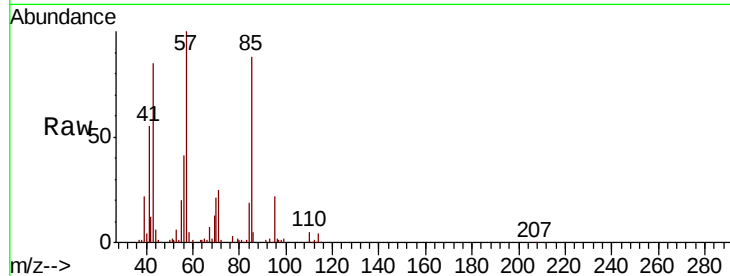
Tot Ion: 93 Resp: 1124

Ion Ratio Lower Upper

93 100

95 1215.5 66.8 100.2#

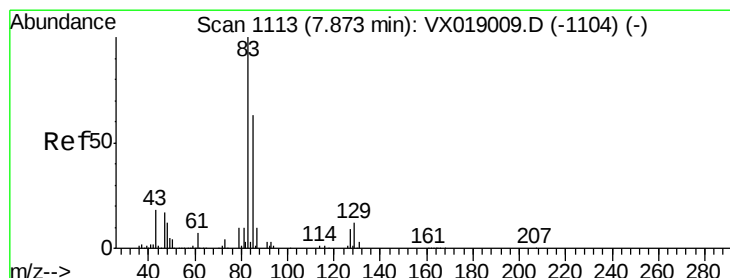
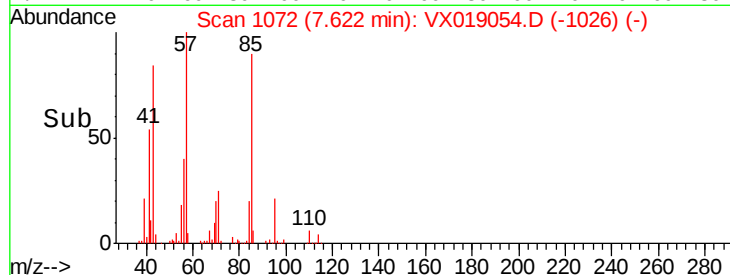
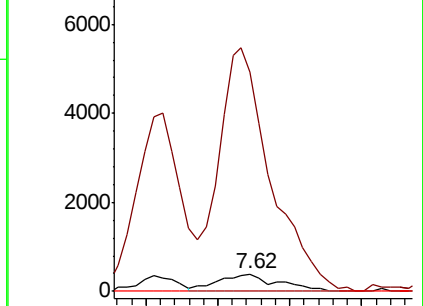
174 0.0 83.8 125.8#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 2.443 ug/l

RT: 7.82 min Scan# 1105

Delta R.T. -0.05 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

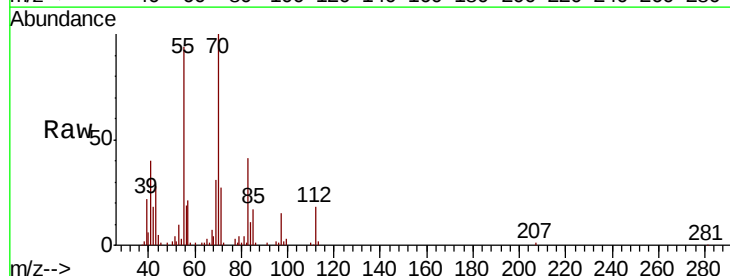
Tgt Ion: 83 Resp: 11262

Ion Ratio Lower Upper

83 100

85 43.5 50.7 76.1#

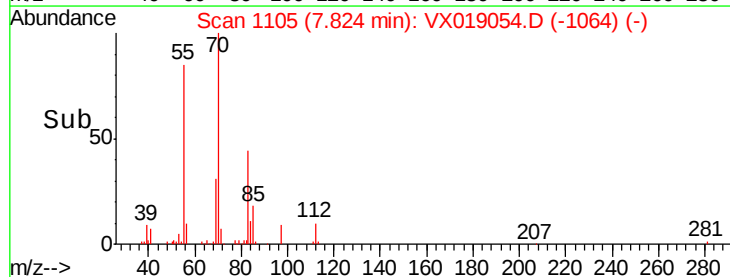
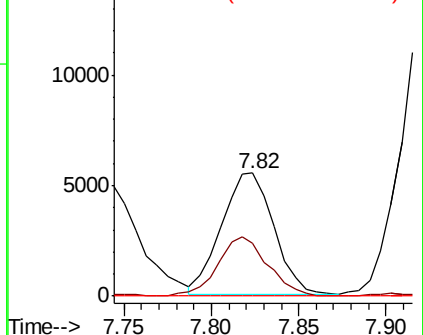
127 0.0 6.8 10.2#

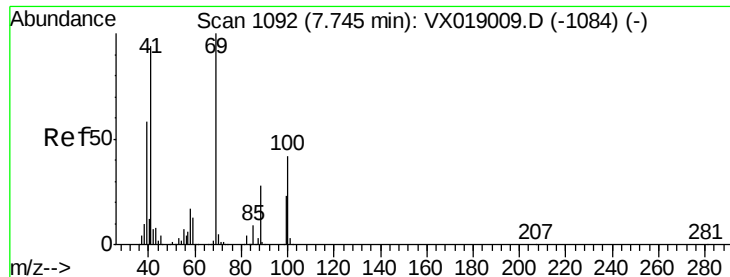


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#48

Methyl methacrylate

Concen: 3.412 ug/l

RT: 7.76 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampled :

MW-10

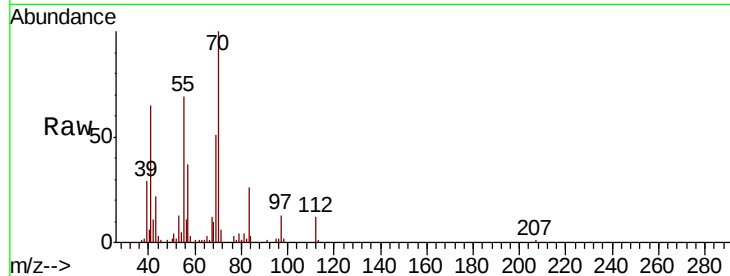
Tot Ion: 41 Resp: 10620

Ion Ratio Lower Upper

41 100

69 77.7 85.5 128.3#

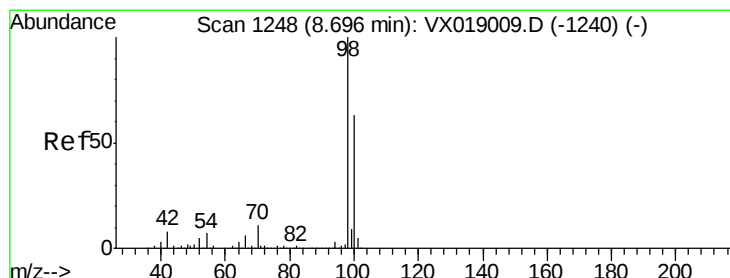
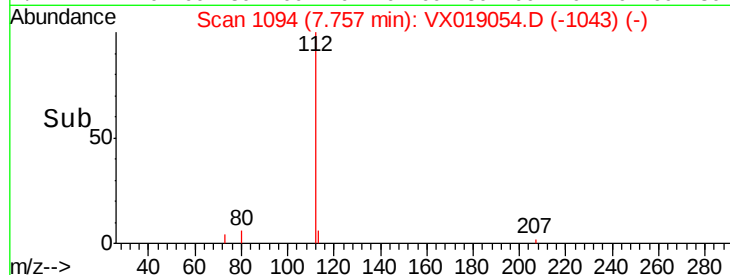
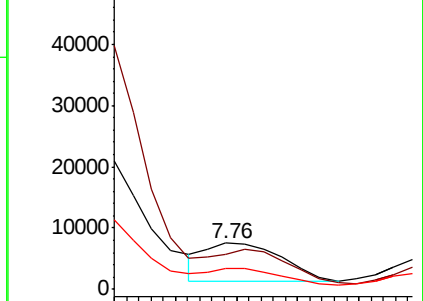
39 35.7 49.3 73.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

Toluene-d8

Concen: 53.829 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019054.D

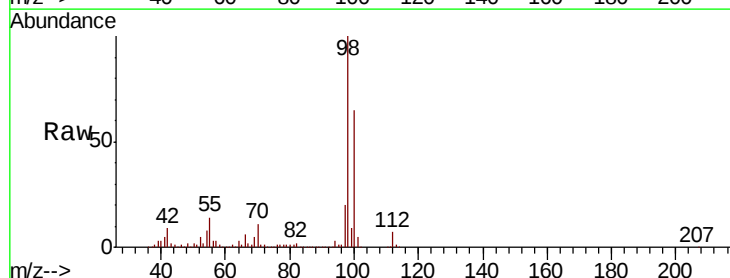
Acq: 23 Oct 2020 02:27

Tgt Ion: 98 Resp: 633433

Ion Ratio Lower Upper

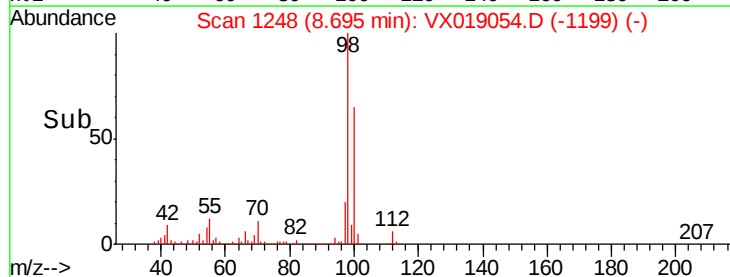
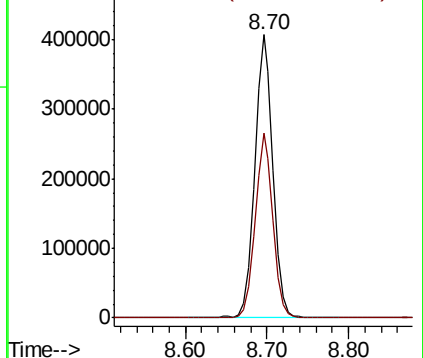
98 100

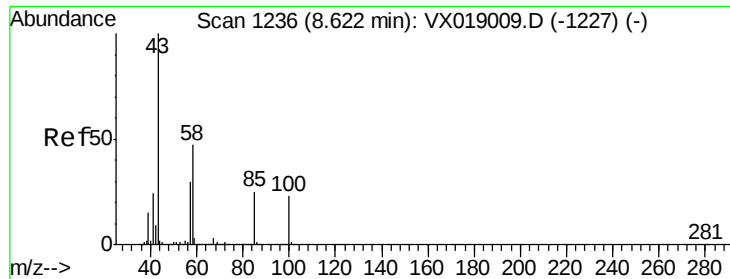
100 63.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

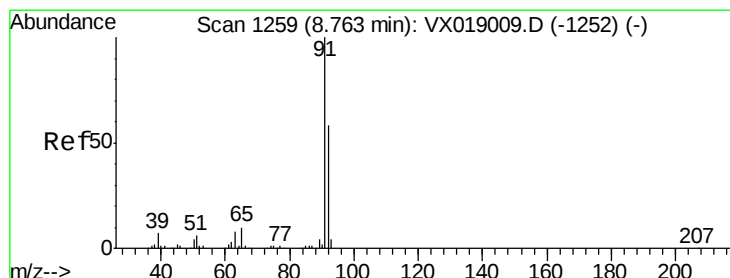
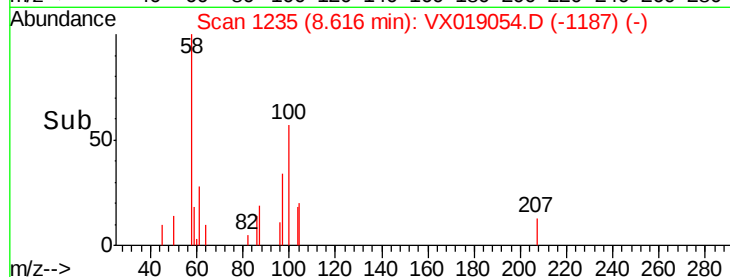
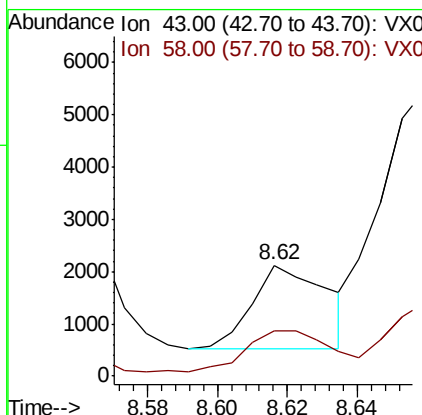
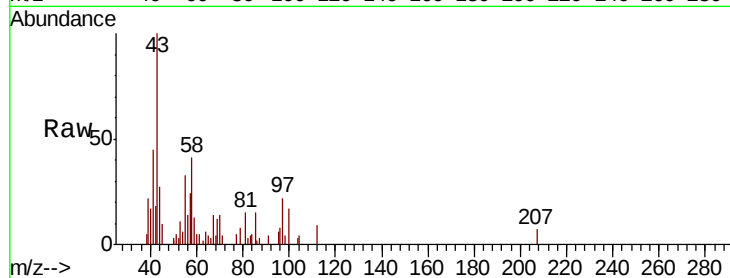




#51
 4-Methyl-2-Pentanone
 Concen: 0.643 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

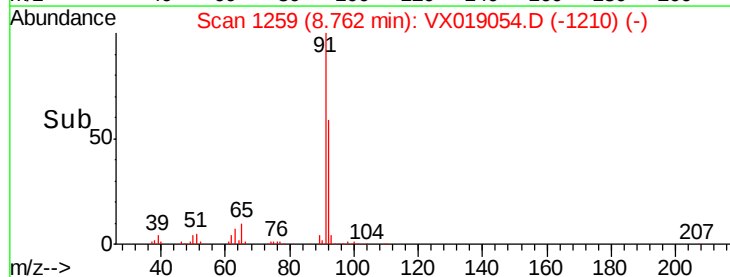
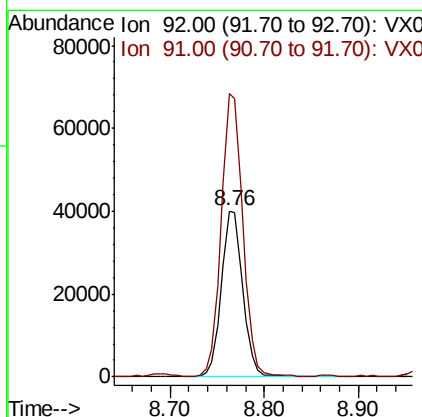
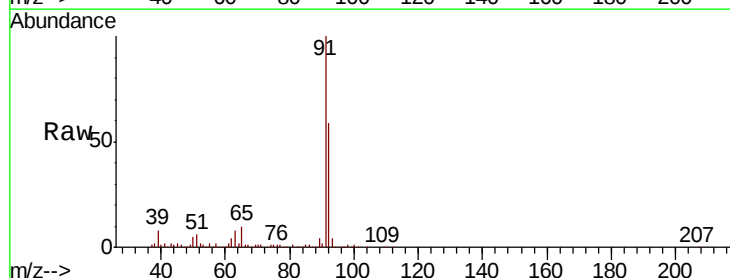
Instrument :
 MSVOA_X
 ClientSampled :
 MW-10

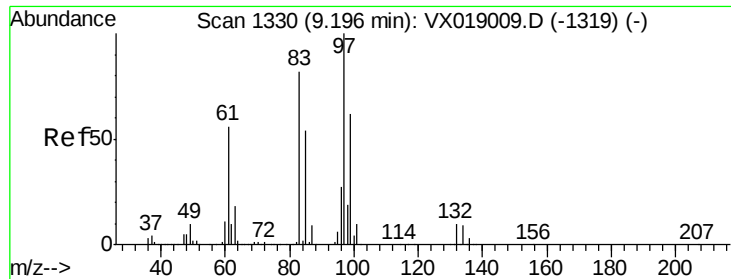
Tot Ion: 43 Resp: 2393
 Ion Ratio Lower Upper
 43 100
 58 55.4 37.4 56.0



#52
 Toluene
 Concen: 7.400 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

Tgt Ion: 92 Resp: 62909
 Ion Ratio Lower Upper
 92 100
 91 171.1 138.6 208.0

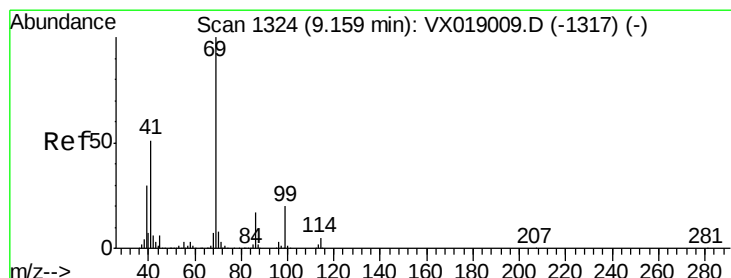
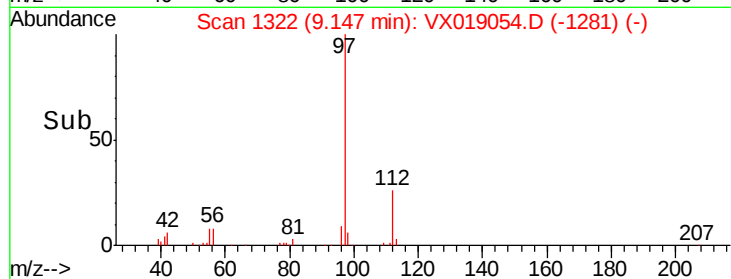
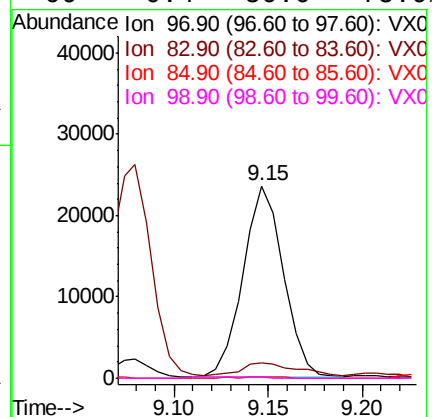
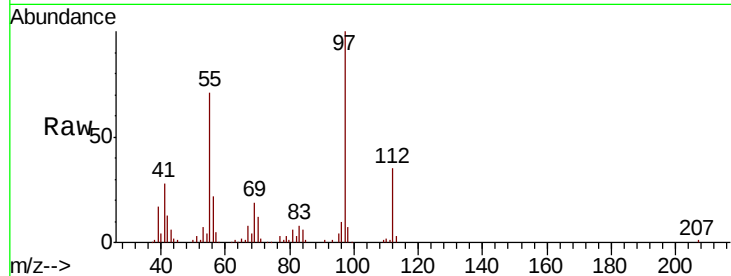




#55
 1,1,2-Trichloroethane
 Concen: 10.058 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.05 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

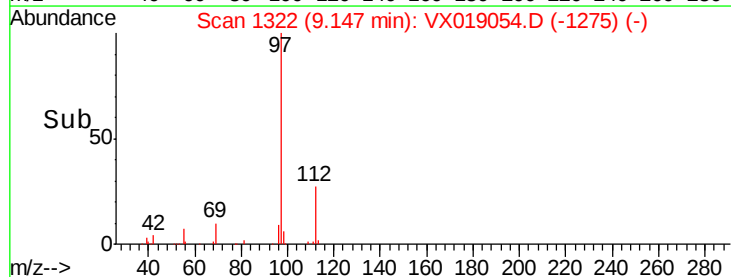
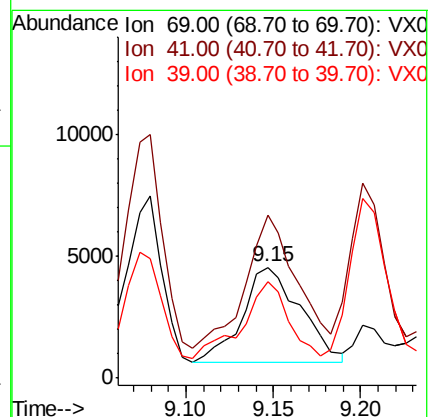
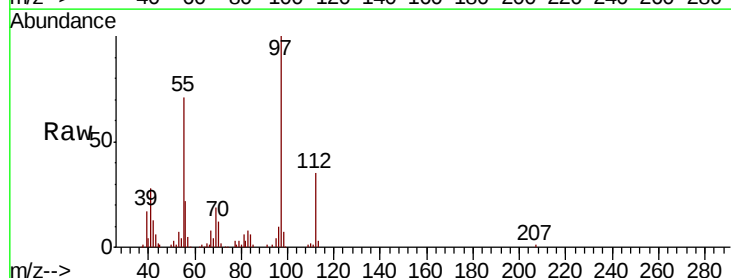
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

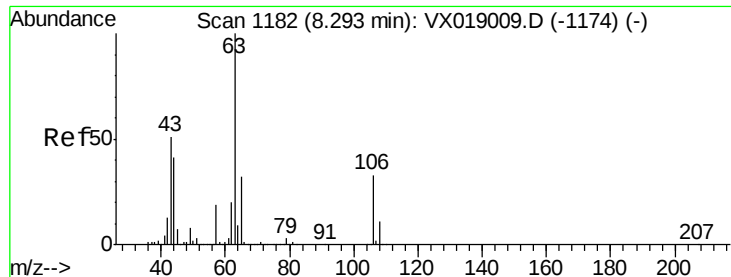
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.0	65.4	98.2#
85	0.6	43.3	64.9#
99	0.4	50.0	75.0#



#56
 Ethyl methacrylate
 Concen: 1.810 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	121.8	41.1	61.7#
39	63.0	24.6	37.0#

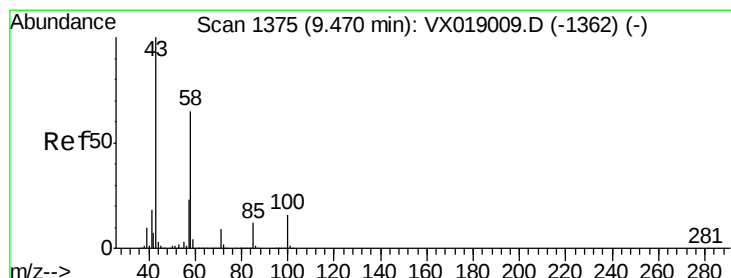
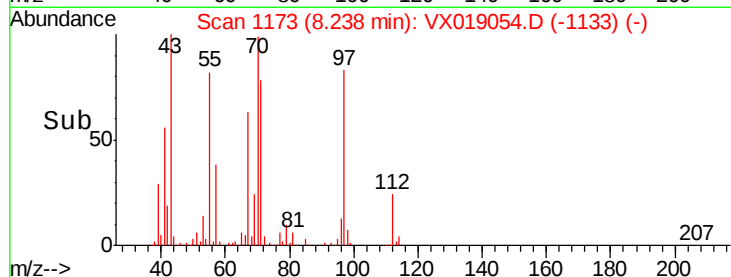
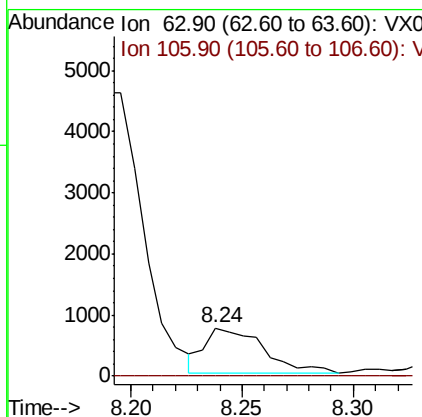
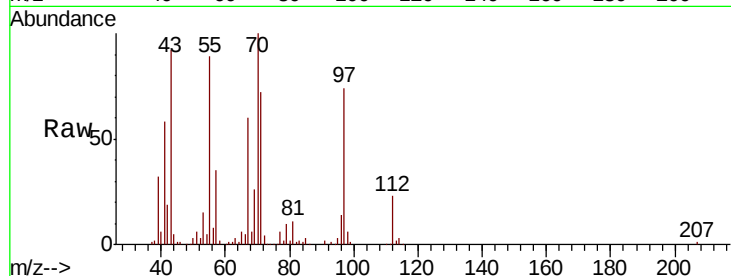




#58
2-Chloroethyl Vinyl ether
Concen: 0.502 ug/l
RT: 8.24 min Scan# 1173
Delta R.T. -0.06 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

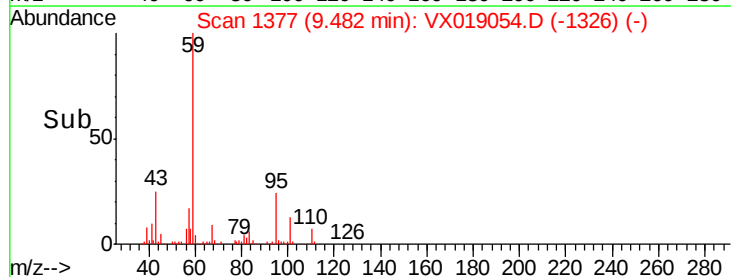
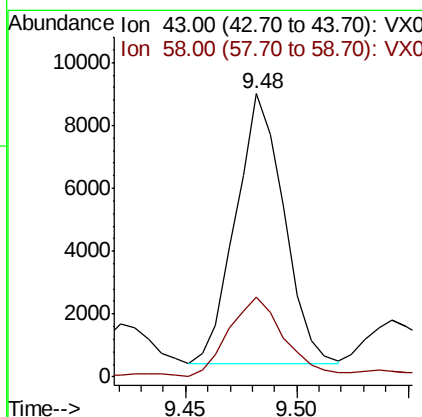
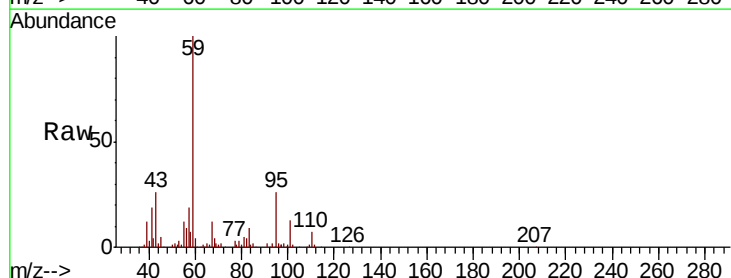
Instrument :
MSVOA_X
ClientSampleId :
MW-10

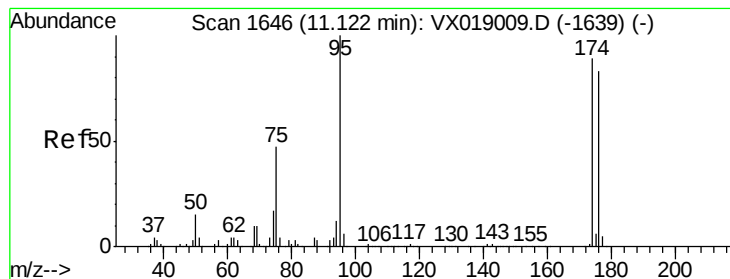
Tot Ion: 63 Resp: 1316
Ion Ratio Lower Upper
63 100
106 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 4.665 ug/l
RT: 9.48 min Scan# 1377
Delta R.T. 0.01 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

Tgt Ion: 43 Resp: 12940
Ion Ratio Lower Upper
43 100
58 34.2 32.8 98.4





#62

4-Bromofluorobenzene

Concen: 57.979 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

MW-10

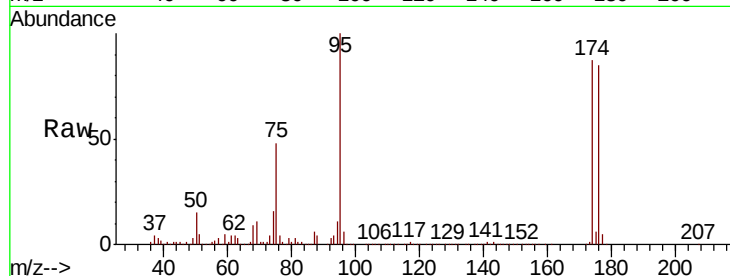
Tot Ion: 95 Resp: 242685

Ion Ratio Lower Upper

95 100

174 87.1 0.0 167.6

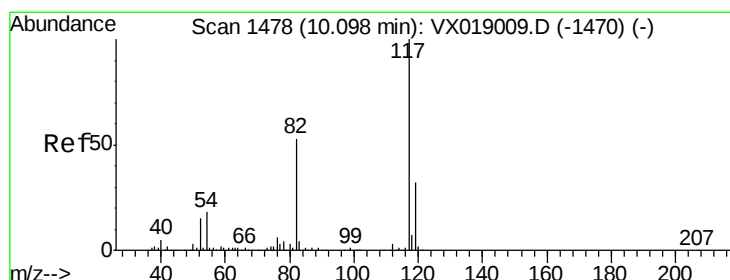
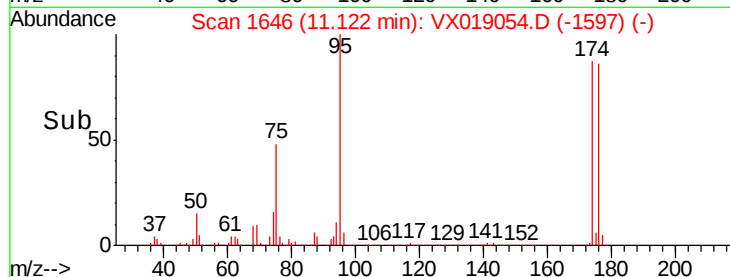
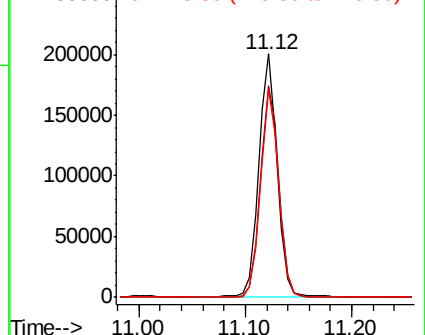
176 83.9 0.0 165.2



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: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

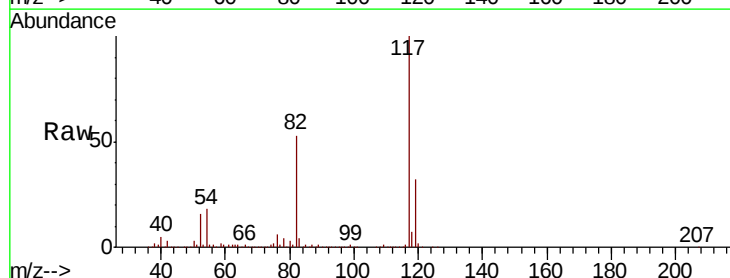
Tgt Ion: 117 Resp: 476648

Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

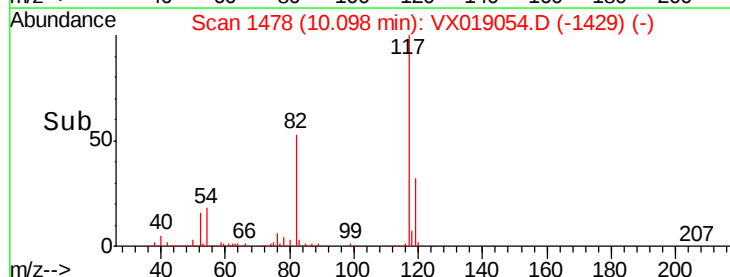
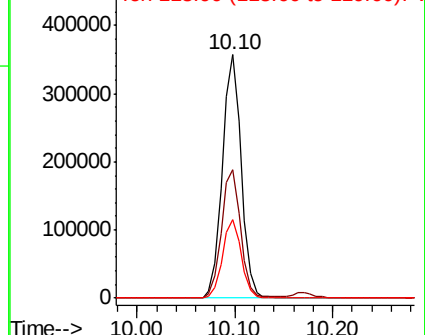
119 32.1 25.6 38.4

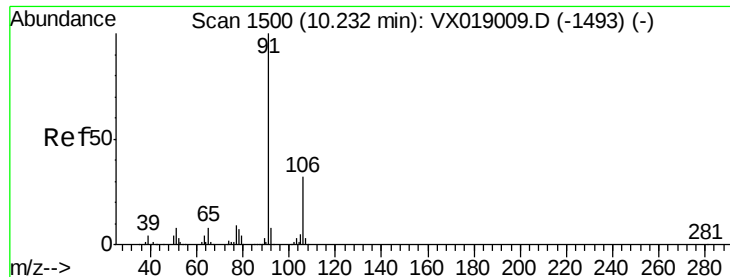


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

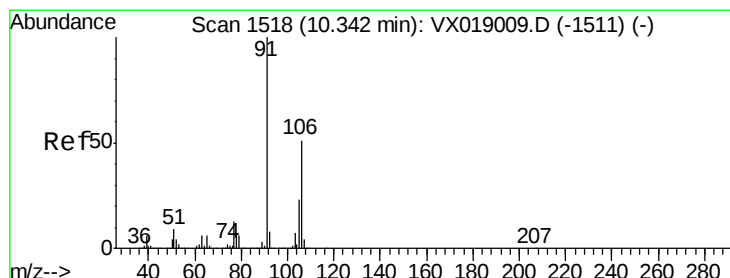
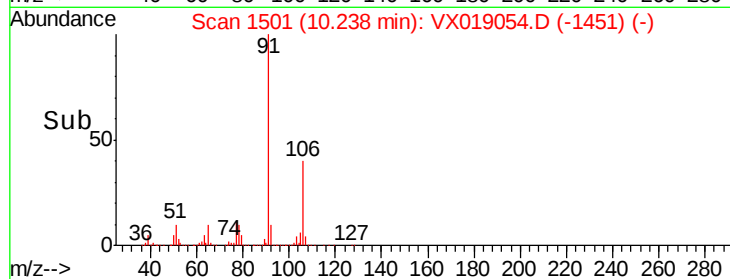
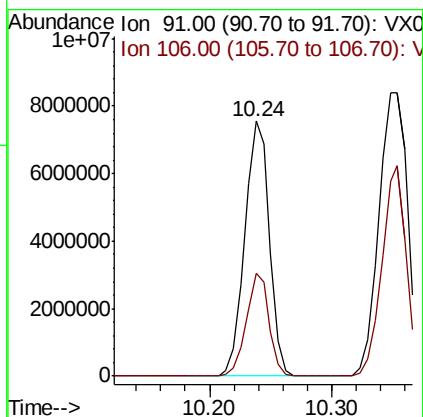
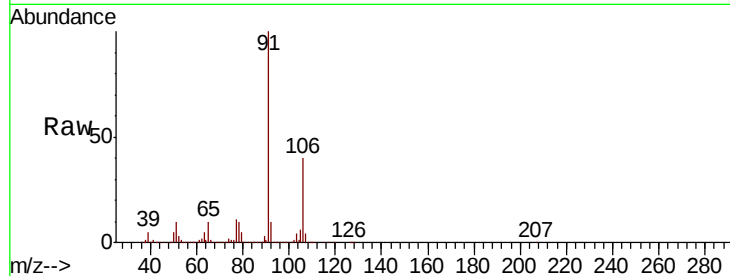




#67
Ethyl Benzene
Concen: 610.689 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

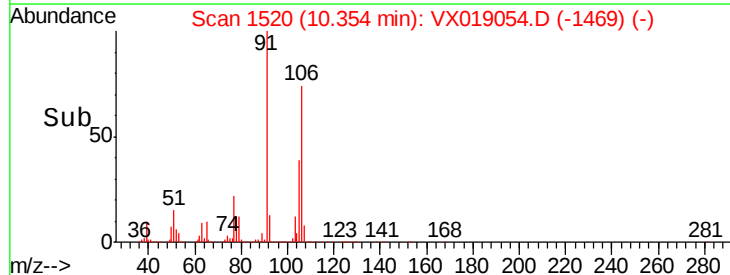
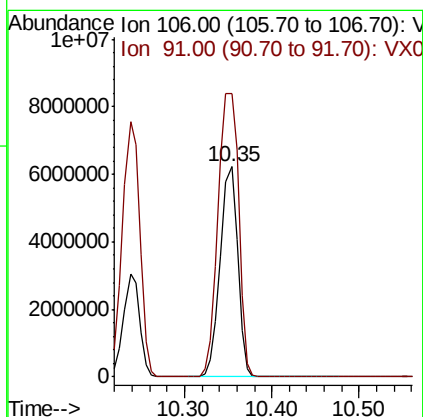
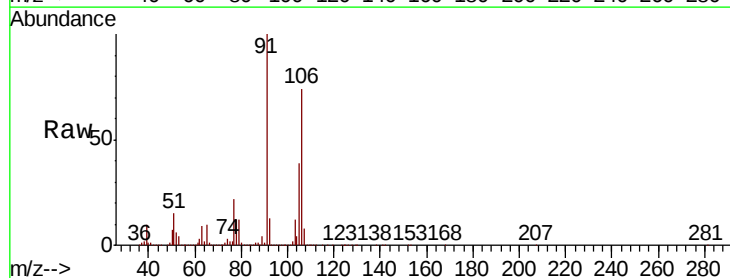
Instrument :
MSVOA_X
ClientSampleId :
MW-10

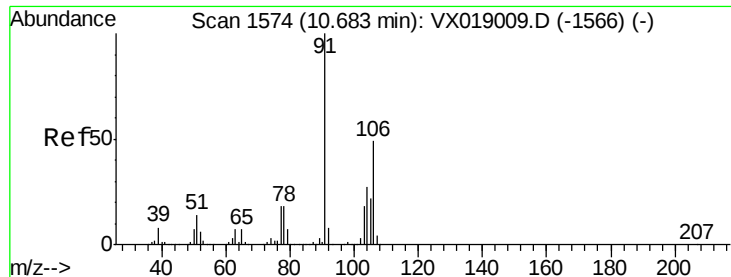
Tot Ion: 91 Resp: 10524709
Ion Ratio Lower Upper
91 100
106 40.2 25.3 37.9#



#68
m/p-Xylenes
Concen: 1307.407 ug/l
RT: 10.35 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

Tgt Ion: 106 Resp: 8631242
Ion Ratio Lower Upper
106 100
91 158.8 156.9 235.3

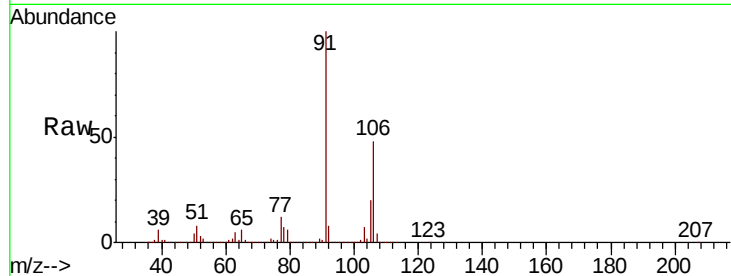




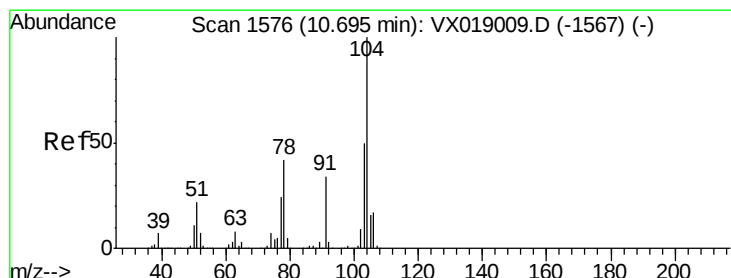
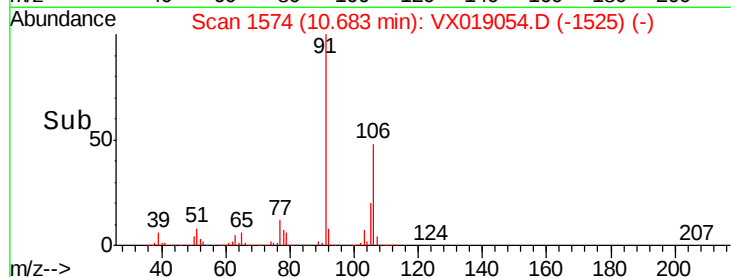
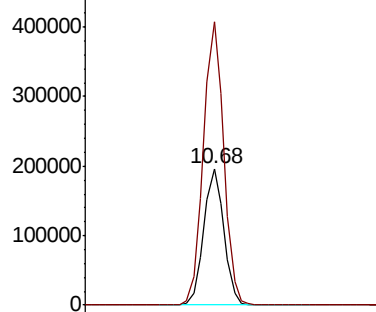
#69
o-Xylene
Concen: 38.814 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

Instrument :
MSVOA_X
ClientSampled :
MW-10

Tot Ion:106 Resp: 245241
Ion Ratio Lower Upper
106 100
91 209.1 104.0 312.0

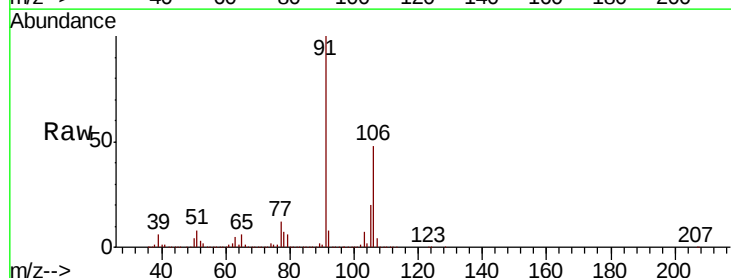


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

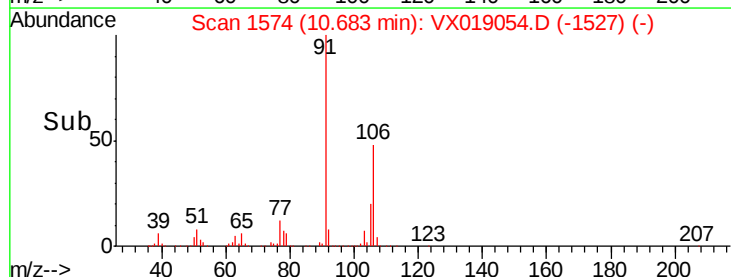
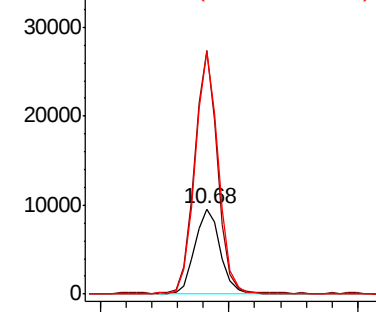


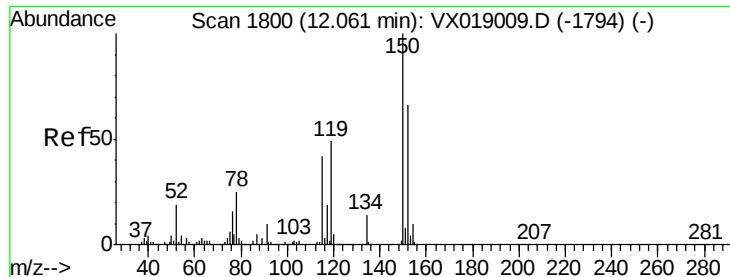
#70
Styrene
Concen: 1.253 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

Tgt Ion:104 Resp: 13438
Ion Ratio Lower Upper
104 100
78 253.4 37.7 56.5#
103 259.6 43.5 65.3#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

MW-10

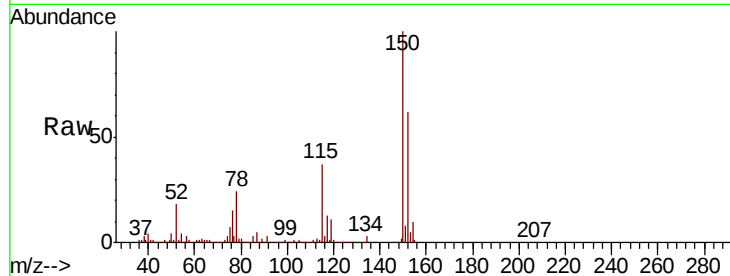
Tot Ion:152 Resp: 285216

Ion Ratio Lower Upper

152 100

115 58.3 40.8 122.5

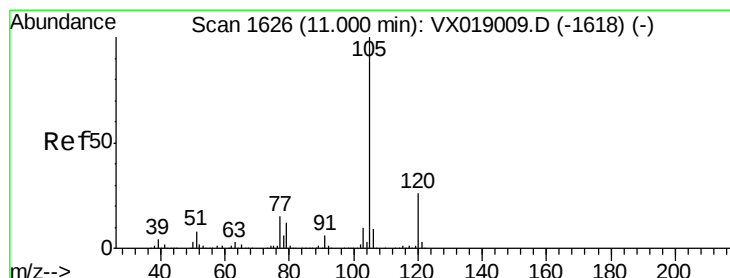
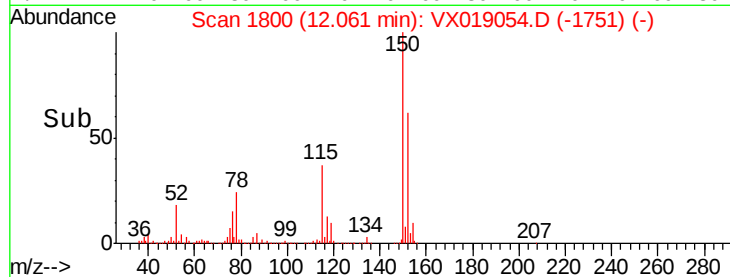
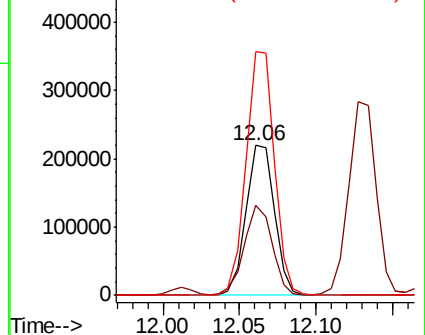
150 161.0 0.0 345.6



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: 442.648 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX019054.D

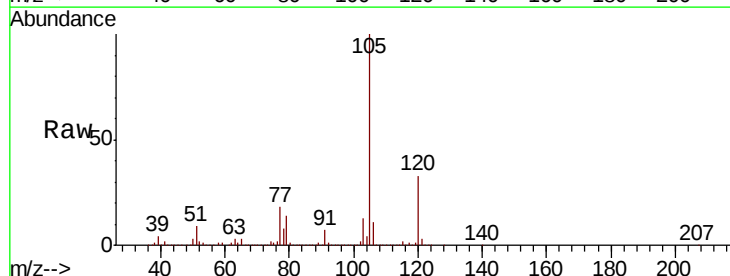
Acq: 23 Oct 2020 02:27

Tgt Ion:105 Resp: 9082160

Ion Ratio Lower Upper

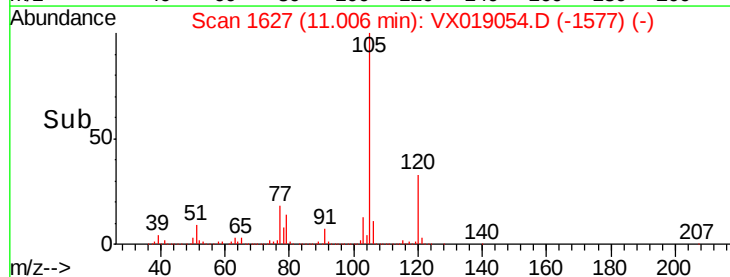
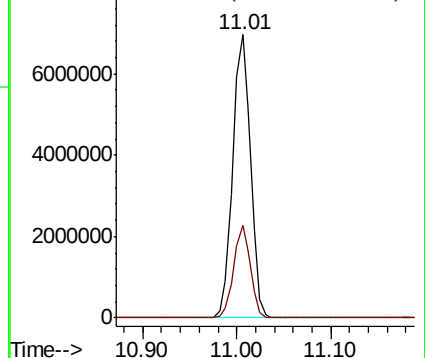
105 100

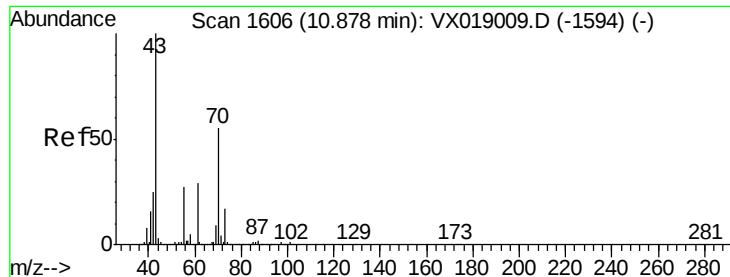
120 30.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.710 ug/l

RT: 10.85 min Scan# 1601

Delta R.T. -0.03 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

MW-10

Tot Ion: 43 Resp: 11240

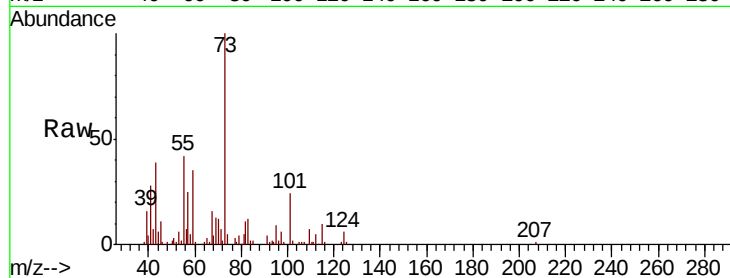
Ion Ratio Lower Upper

43 100

70 24.5 44.5 66.7#

55 97.2 21.9 32.9#

61 0.0 23.9 35.9#

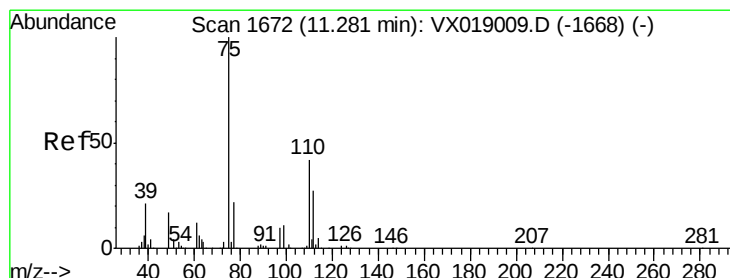
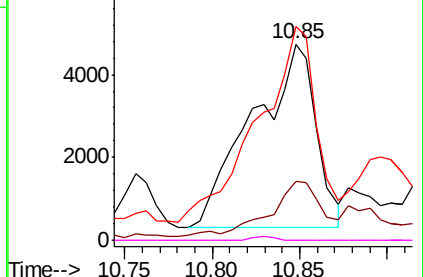
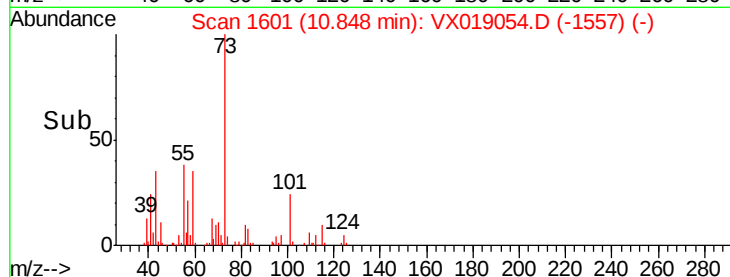


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 12.236 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.07 min

Lab File: VX019054.D

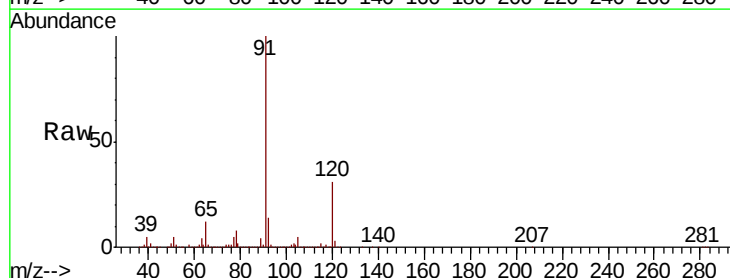
Acq: 23 Oct 2020 02:27

Tgt Ion: 75 Resp: 69751

Ion Ratio Lower Upper

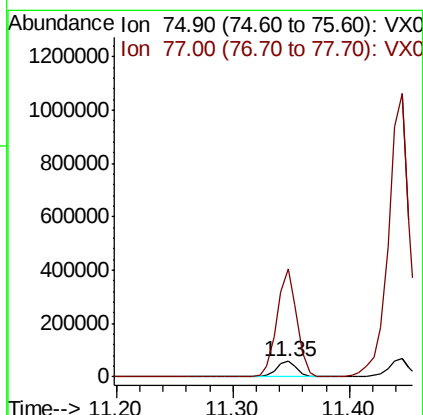
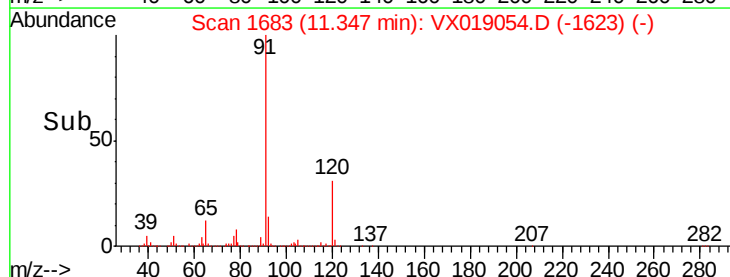
75 100

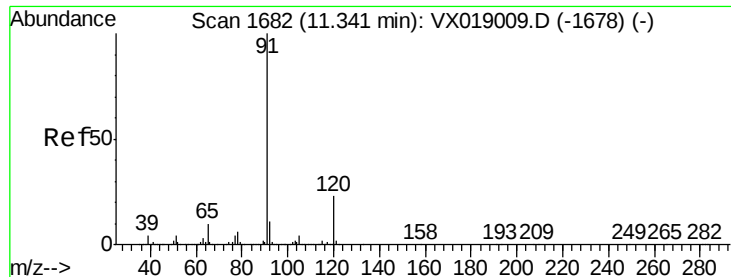
77 686.5 20.7 62.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 450.772 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX019054.D

Acq: 23 Oct 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

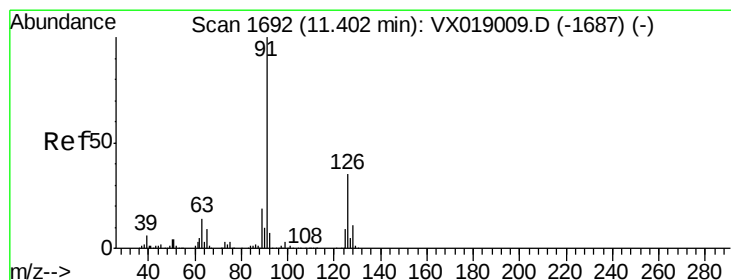
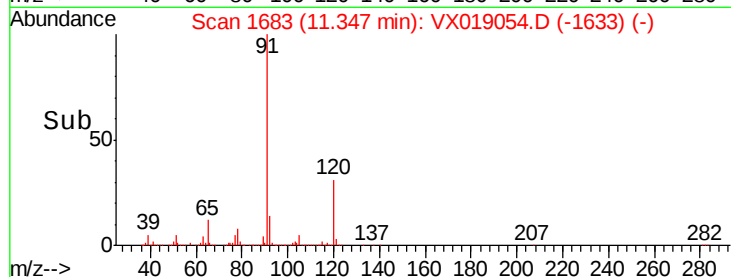
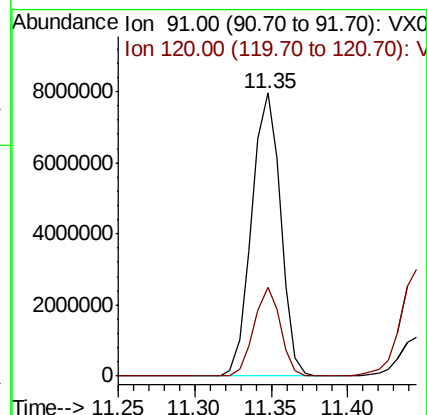
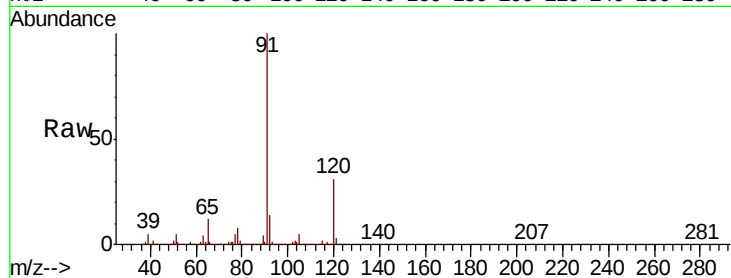
MW-10

Tot Ion: 91 Resp:10480119

Ion Ratio Lower Upper

91 100

120 28.7 12.1 36.3



#79

2-Chlorotoluene

Concen: 100.188 ug/l

RT: 11.44 min Scan# 1699

Delta R.T. 0.04 min

Lab File: VX019054.D

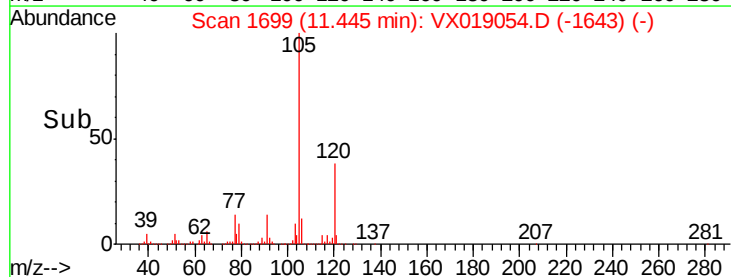
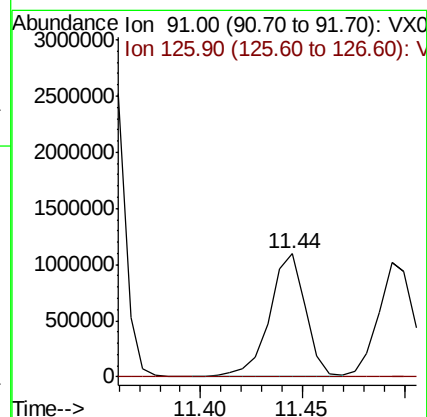
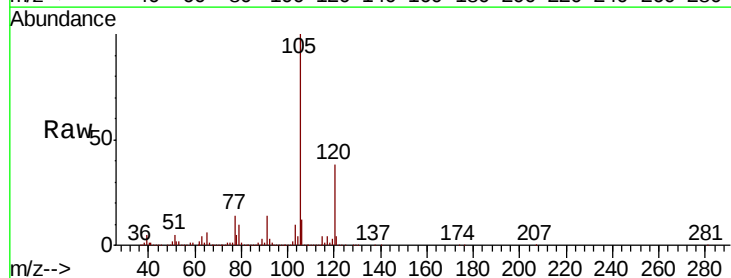
Acq: 23 Oct 2020 02:27

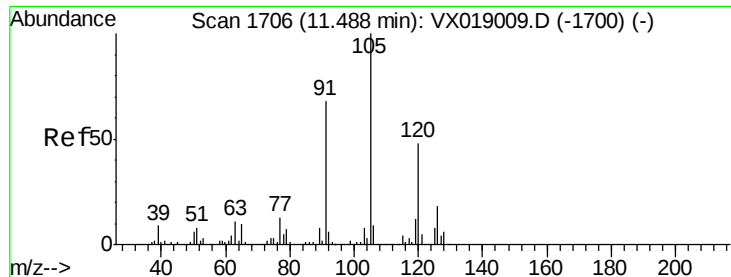
Tgt Ion: 91 Resp: 1358880

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#

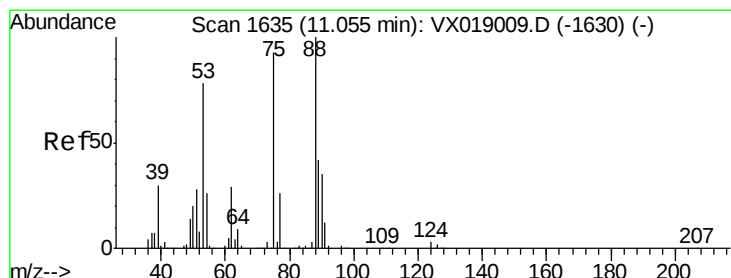
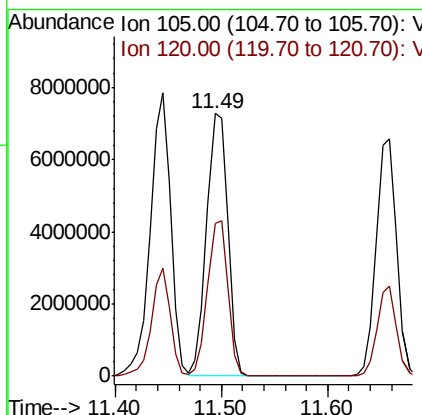
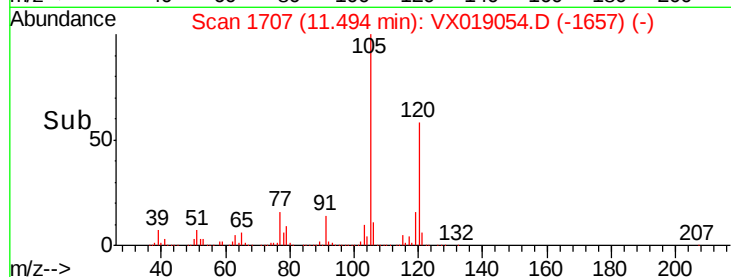
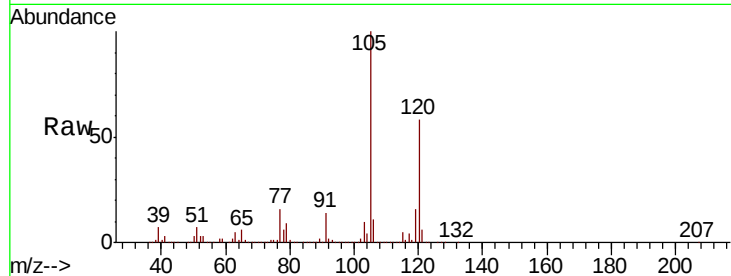




#80
 1,3,5-Trimethylbenzene
 Concen: 580.201 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

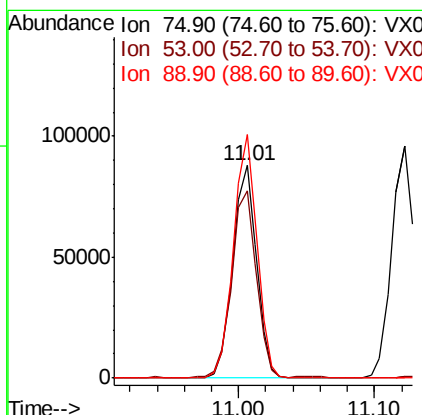
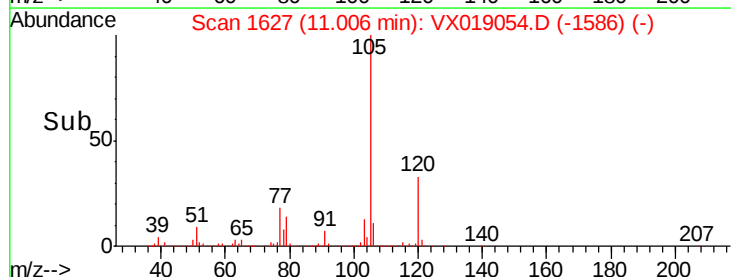
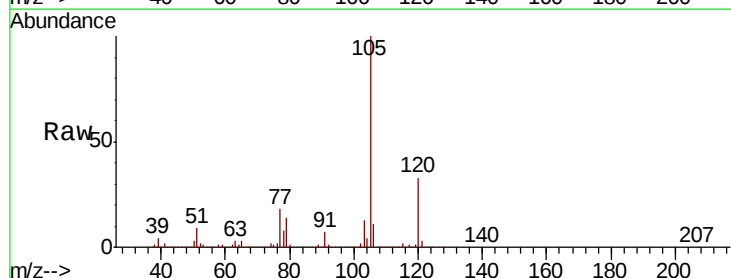
Instrument :
 MSVOA_X
 ClientSampled :
 MW-10

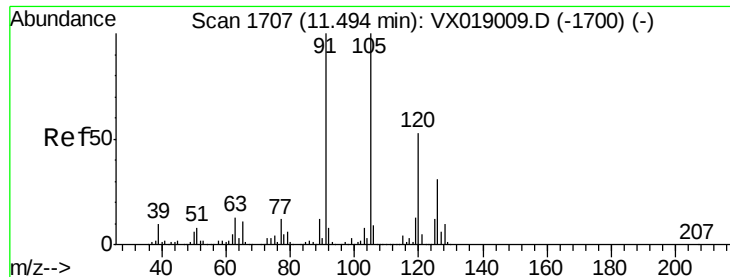
Tot Ion:105 Resp: 9830563
 Ion Ratio Lower Upper
 105 100
 120 56.8 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.804 ug/l
 RT: 11.01 min Scan# 1627
 Delta R.T. -0.05 min
 Lab File: VX019054.D
 Acq: 23 Oct 2020 02:27

Tgt Ion: 75 Resp: 106961
 Ion Ratio Lower Upper
 75 100
 53 90.6 67.4 101.2
 89 113.1 37.2 55.8#

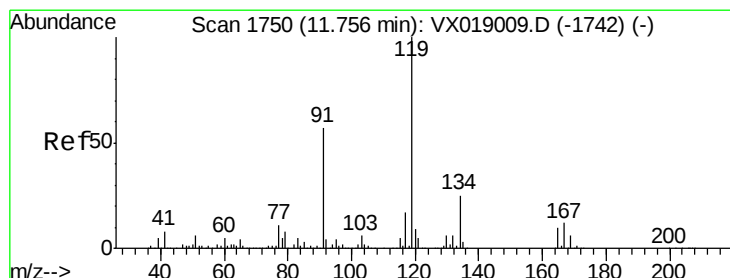
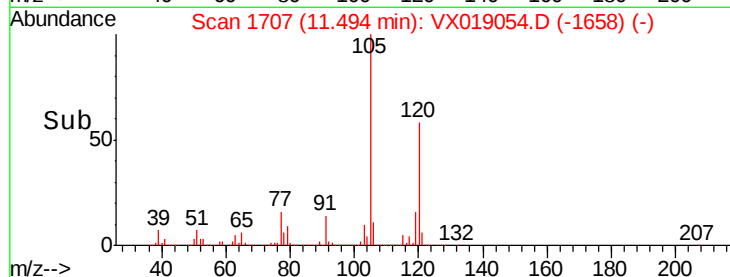
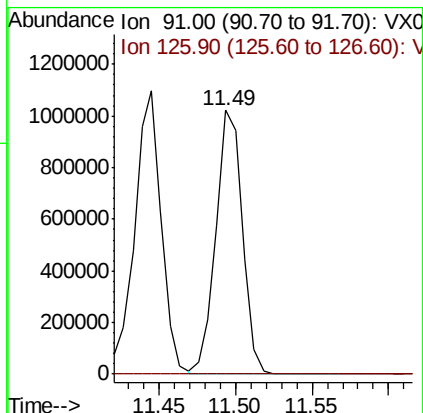
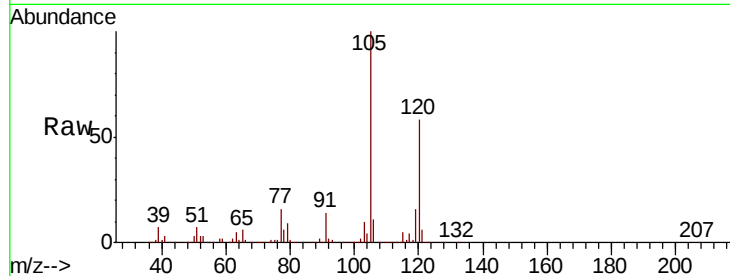




#82
4-Chlorotoluene
Concen: 75.898 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

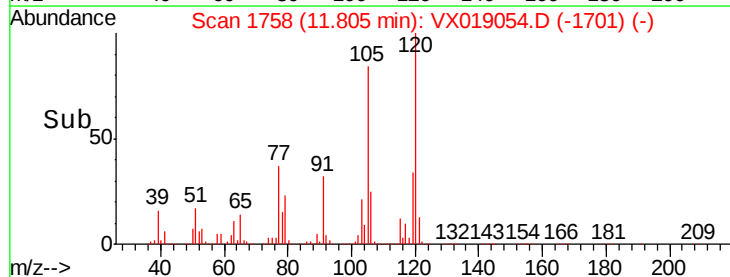
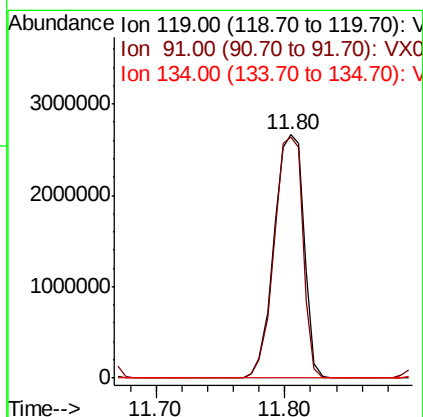
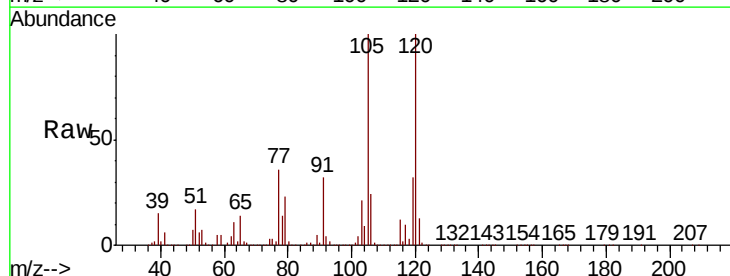
Instrument :
MSVOA_X
ClientSampleId :
MW-10

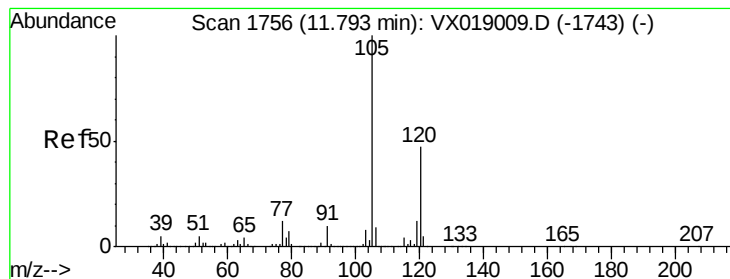
Tot Ion: 91 Resp: 1224890
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#



#83
tert-Butylbenzene
Concen: 259.848 ug/l
RT: 11.80 min Scan# 1758
Delta R.T. 0.05 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

Tgt Ion: 119 Resp: 4337120
Ion Ratio Lower Upper
119 100
91 95.1 28.1 84.4#
134 0.0 11.8 35.3#



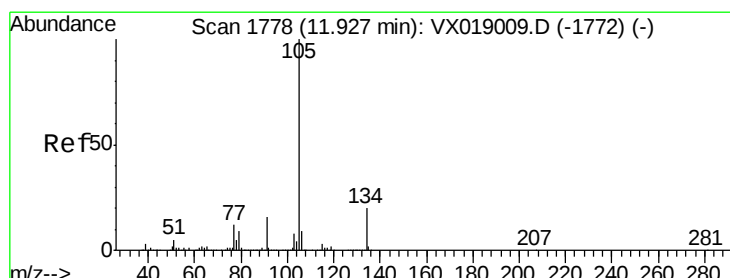
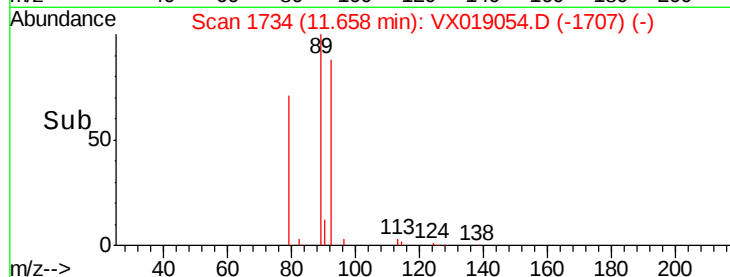
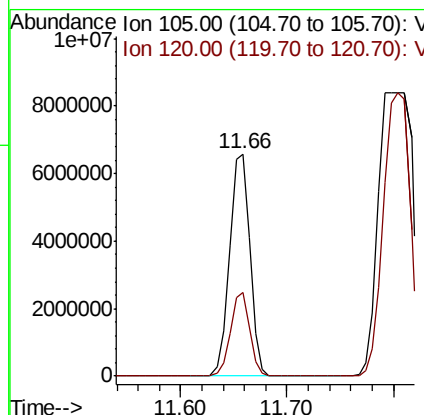
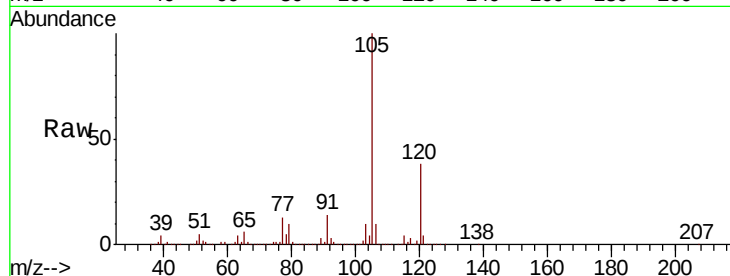


#84

1,2,4-Trimethylbenzene
Concen: 520.430 ug/l
RT: 11.66 min Scan# 1734
Delta R.T. -0.13 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

Instrument :
MSVOA_X
ClientSampleId :
MW-10

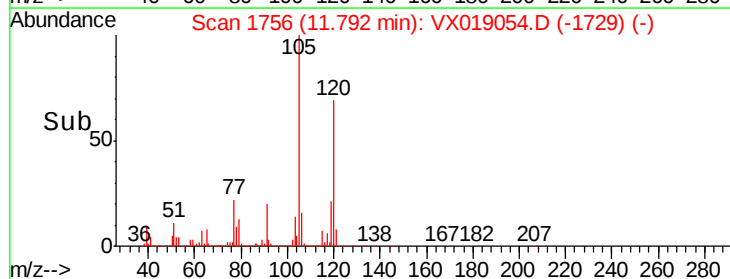
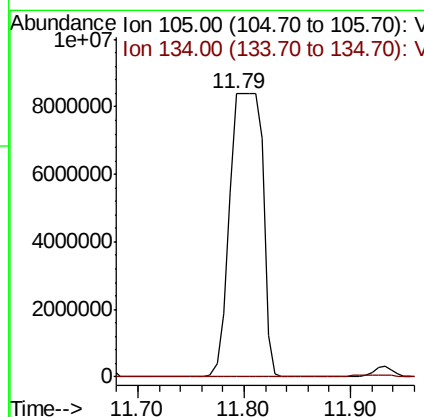
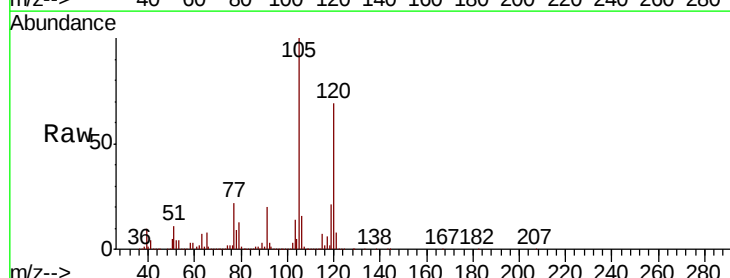
Tot Ion:105 Resp: 8829667
Ion Ratio Lower Upper
105 100
120 35.4 22.9 68.8

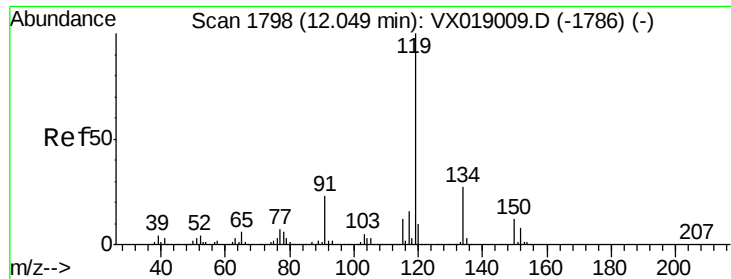


#85

sec-Butylbenzene
Concen: 901.787 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.13 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

Tgt Ion:105 Resp:18214137
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

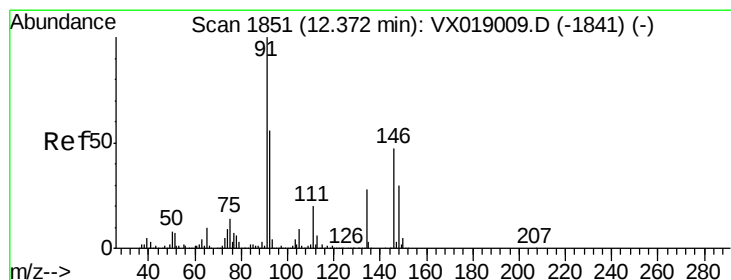
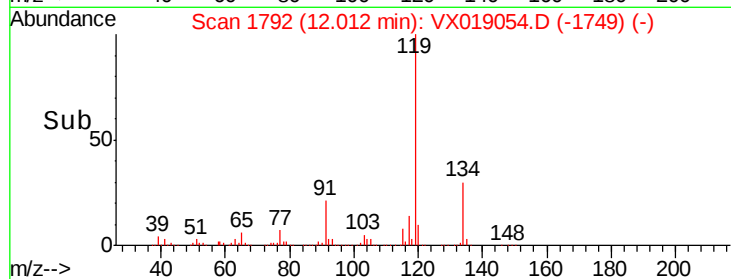
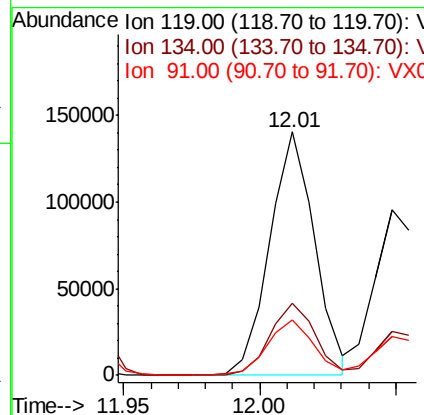
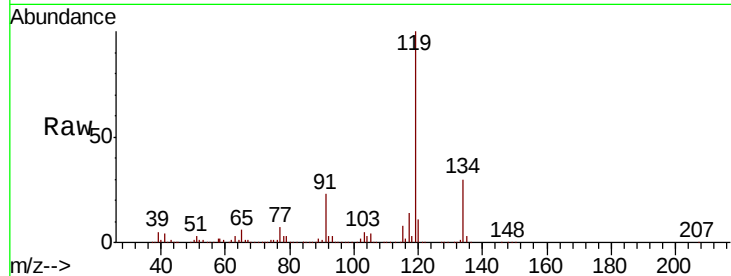




#86
p-Isopropyltoluene
Concen: 8.702 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.04 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

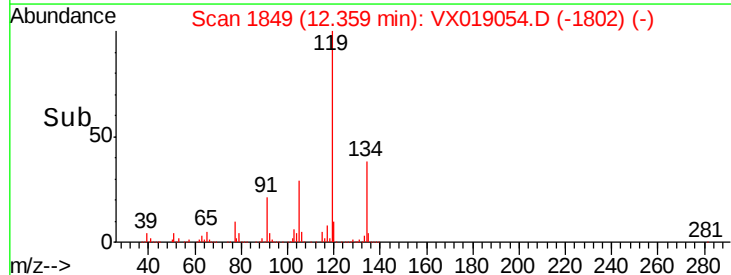
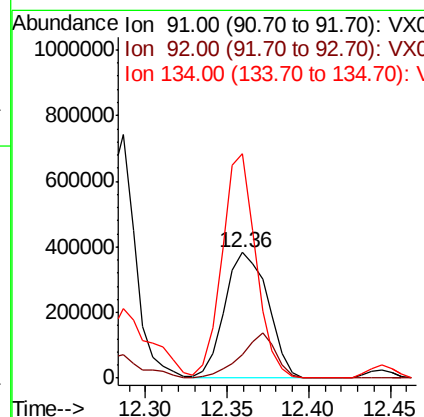
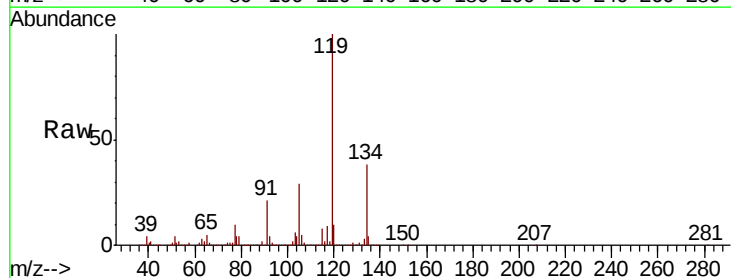
Instrument :
MSVOA_X
ClientSampleId :
MW-10

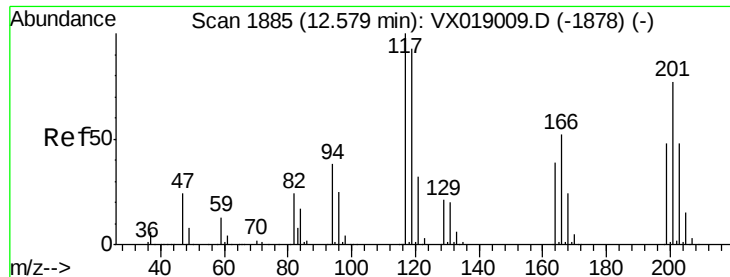
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.9	13.3	39.8
91	0.0	11.4	34.2#



#89
n-Butylbenzene
Concen: 41.839 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	29.1	27.3	81.9
134	139.6	13.6	40.7#

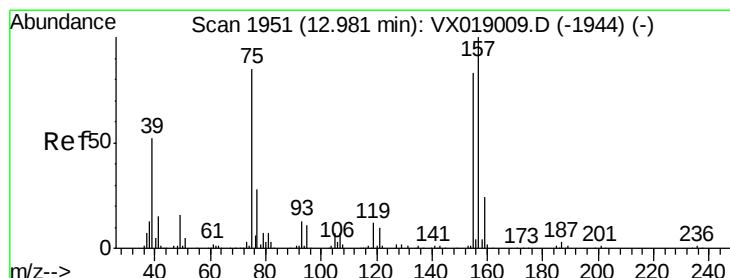
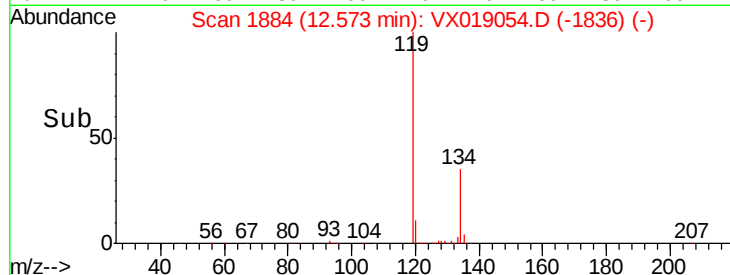
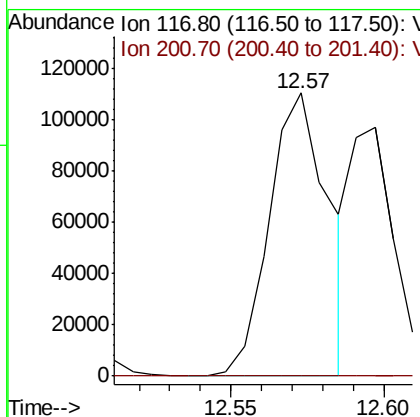
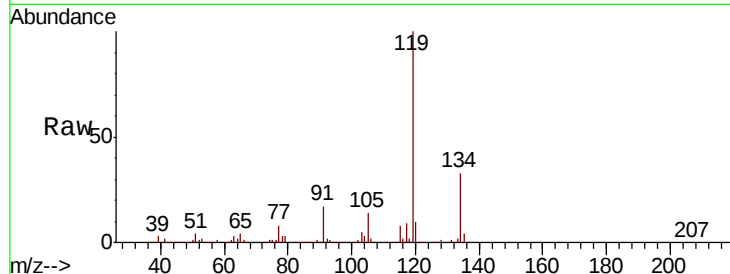




#90
Hexachloroethane
Concen: 52.219 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

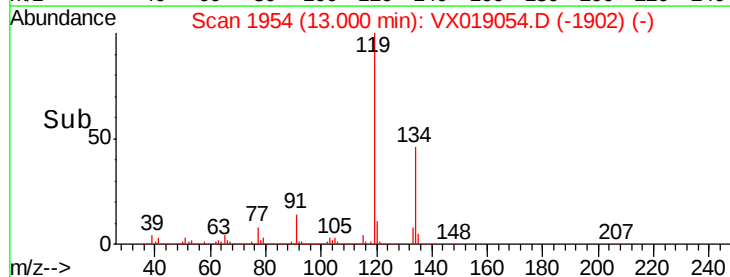
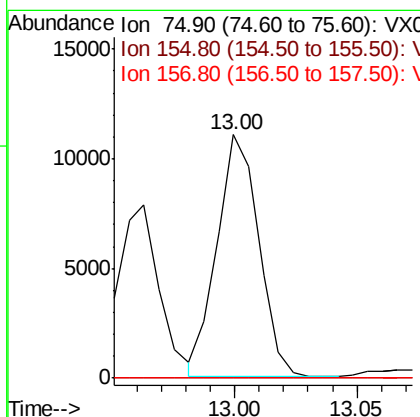
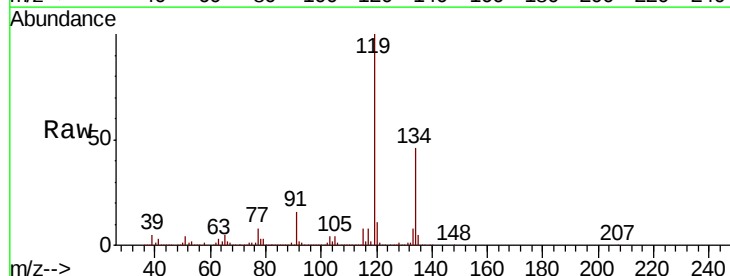
Instrument :
MSVOA_X
ClientSampleId :
MW-10

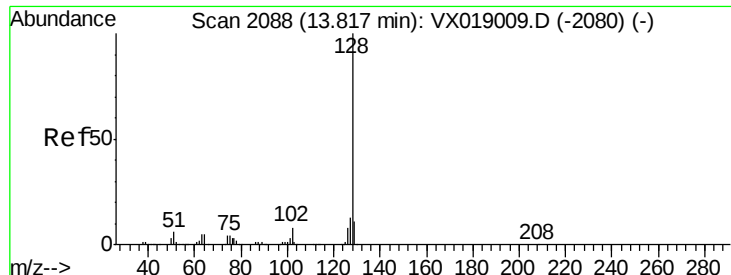
Tot Ion:117 Resp: 147535
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.289 ug/l
RT: 13.00 min Scan# 1954
Delta R.T. 0.02 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

Tgt Ion: 75 Resp: 13074
Ion Ratio Lower Upper
75 100
155 0.0 47.3 142.0#
157 0.0 59.7 179.0#





#95
Naphthalene
Concen: 268.179 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019054.D
Acq: 23 Oct 2020 02:27

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tot Ion:128 Resp: 5471082
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.7 8.7 13.1

