

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019056.D
 Acq On : 23 Oct 2020 03:12
 Operator : JC/SP
 Sample : L4417-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Oct 23 08:40:13 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	300103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	520103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	536303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	294993	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	177493	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
35) Dibromofluoromethane	5.47	113	161295	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
50) Toluene-d8	8.70	98	656037	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.12	95	264263	59.12	ug/l	0.00
Spiked Amount			Recovery	=	118.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	263	Below Cal	#	75
6) Chloroethane	1.54	64	55810	20.839	ug/l #	52
10) Methyl Iodide	2.50	142	67	4.785	ug/l #	42
11) Tert butyl alcohol	3.01	59	1836767	2522.845	ug/l	100
13) Acrolein	2.25	56	229336	803.447	ug/l #	1
14) Allyl chloride	2.79	41	489663	129.583	ug/l #	19
15) Acrylonitrile	3.15	53	21060	14.959	ug/l #	35
16) Acetone	2.42	43	59045	48.223	ug/l	99
17) Carbon Disulfide	2.55	76	2112	0.251	ug/l	98
18) Methyl Acetate	2.75	43	27764	9.138	ug/l #	45
19) Methyl tert-butyl Ether	3.17	73	1045309	112.974	ug/l #	53
20) Methylene Chloride	2.77	84	26033	7.637	ug/l #	14
23) Vinyl Acetate	3.79	43	30115	4.256	ug/l #	70
24) 1,1-Dichloroethane	3.65	63	2570	0.474	ug/l #	80
25) 2-Butanone	4.64	43	25798	13.335	ug/l	98
26) 2,2-Dichloropropane	4.50	77	1554	0.310	ug/l #	52
29) Tetrahydrofuran	5.17	42	601	0.520	ug/l #	22
30) Chloroform	5.25	83	84487	14.341	ug/l #	22
31) Cyclohexane	5.55	56	568013	134.932	ug/l	95
36) 1,1-Dichloropropene	5.63	75	21488	4.604	ug/l #	48
37) Ethyl Acetate	4.87	43	1145	0.287	ug/l #	1
38) Carbon Tetrachloride	5.63	117	29149	5.951	ug/l #	16
39) Methylcyclohexane	7.44	83	306764	58.671	ug/l	96
40) Benzene	6.12	78	10855296	789.793	ug/l	98
41) Methacrylonitrile	4.98	41	2794	1.306	ug/l #	12
42) 1,2-Dichloroethane	6.12	62	89083	18.992	ug/l #	72
43) Isopropyl Acetate	6.43	43	14786	2.192	ug/l #	55
45) 1,2-Dichloropropane	7.45	63	3916	1.188	ug/l #	1
47) Bromodichloromethane	7.82	83	6315	1.283	ug/l #	61
48) Methyl methacrylate	7.71	41	21397	6.437	ug/l #	12
49) 1,4-Dioxane	7.67	88	18	0.240	ug/l #	1
51) 4-Methyl-2-Pentanone	8.63	43	19761	4.971	ug/l	96
53) t-1,3-Dichloropropene	8.79	75	597190	107.411	ug/l #	1
55) 1,1,2-Trichloroethane	9.15	97	25248	6.822	ug/l #	19

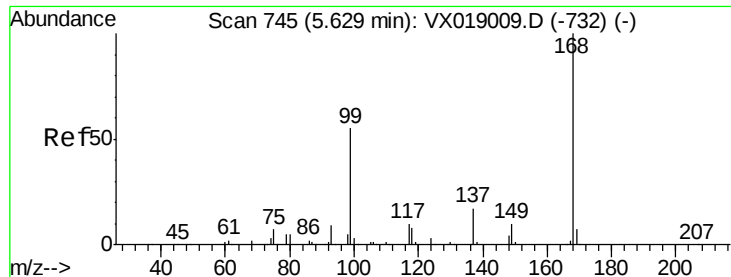
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019056.D
 Acq On : 23 Oct 2020 03:12
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Quant Time: Oct 23 08:40:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	9.15	69	4517	0.848	ug/l #	17
58) 2-Chloroethyl Vinyl ether	8.24	63	1210	0.433	ug/l #	42
59) 2-Hexanone	9.60	43	61764	20.850	ug/l	59
67) Ethyl Benzene	10.24	91	19466170	1003.871	ug/l #	36
68) m/p-Xylenes	10.35	106	15596849	2099.723	ug/l #	52
69) o-Xylene	10.69	106	6221542	875.144	ug/l	83
70) Styrene	10.69	104	330204	27.358	ug/l #	1
73) Isopropylbenzene	11.01	105	6686494	315.087	ug/l	94
74) N-amyl acetate	10.89	43	5700	0.838	ug/l #	1
76) 1,2,3-Trichloropropane	11.35	75	51458	8.728	ug/l #	1
78) n-propylbenzene	11.35	91	8383206	348.628	ug/l	93
79) 2-Chlorotoluene	11.42	91	1152421	82.150	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	4914566	280.445	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.01	75	73151	31.610	ug/l #	59
82) 4-Chlorotoluene	11.49	91	525807	31.501	ug/l #	44
83) tert-Butylbenzene	11.80	119	2203003	127.613	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.79	105	12920529	736.310	ug/l	77
85) sec-Butylbenzene	11.79	105	12920529	618.497	ug/l #	56
86) p-Isopropyltoluene	12.01	119	108691	5.694	ug/l #	75
89) n-Butylbenzene	12.37	91	412047	23.583	ug/l #	30
90) Hexachloroethane	12.65	117	189093	64.710	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6719	4.616	ug/l #	1
95) Naphthalene	13.82	128	8318366	394.232	ug/l	97

(#) = 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: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

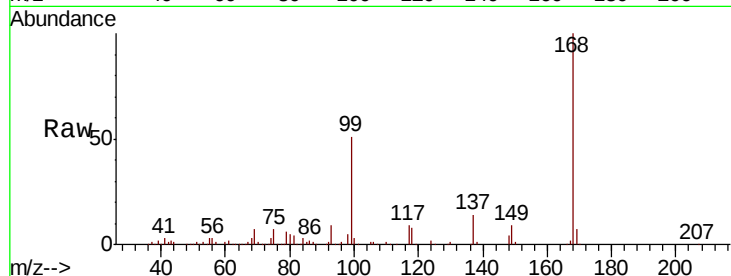
MW-1

Tot Ion:168 Resp: 300103

Ion Ratio Lower Upper

168 100

99 50.9 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

120000

100000

80000

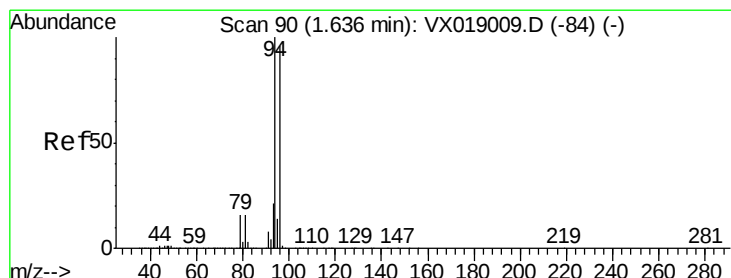
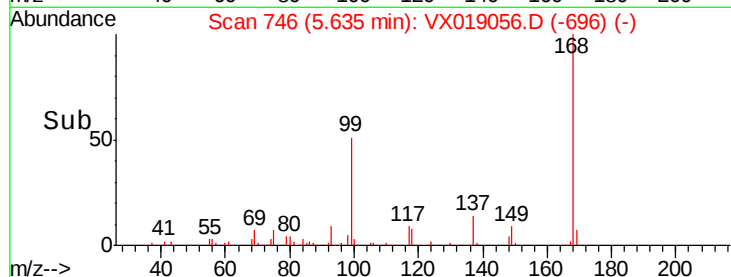
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX019056.D

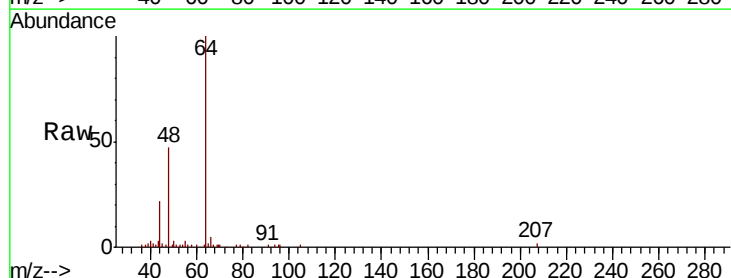
Acq: 23 Oct 2020 03:12

Tgt Ion: 94 Resp: 263

Ion Ratio Lower Upper

94 100

96 72.3 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

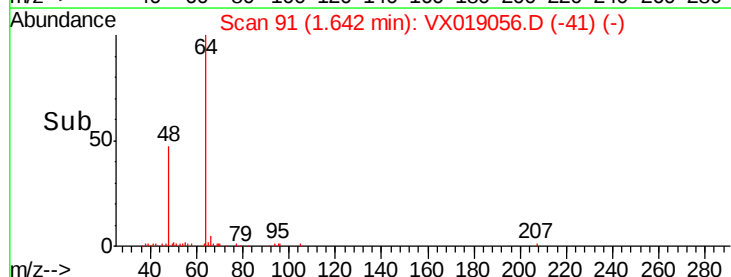
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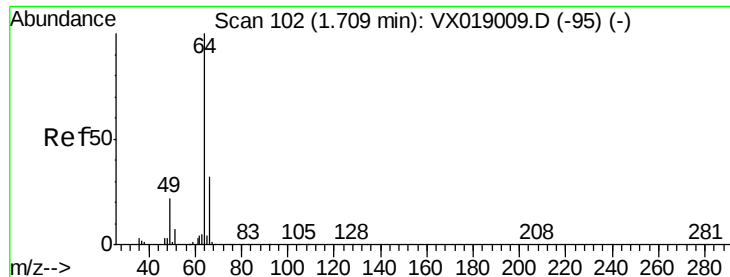
100

50

0

Time-->





#6

Chloroethane

Concen: 20.839 ug/l

RT: 1.54 min Scan# 74

Delta R.T. -0.17 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

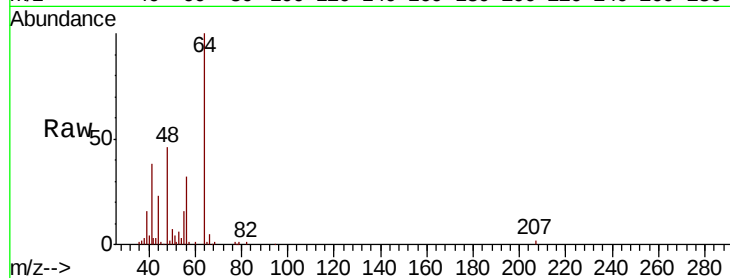
MW-1

Tot Ion: 64 Resp: 55810

Ion Ratio Lower Upper

64 100

66 5.4 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

15000

10000

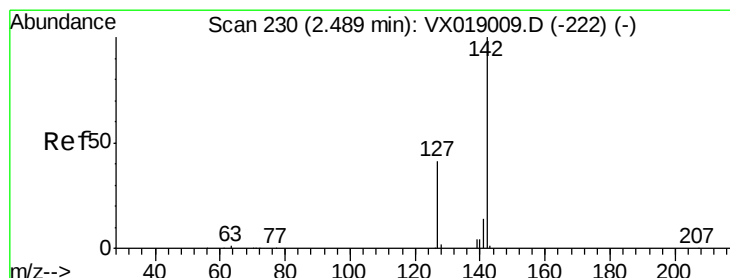
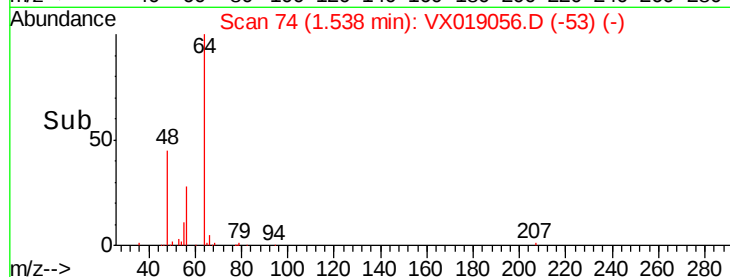
5000

0

Time-->

1.40 1.45 1.50 1.55

1.54



#10

Methyl Iodide

Concen: 4.785 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

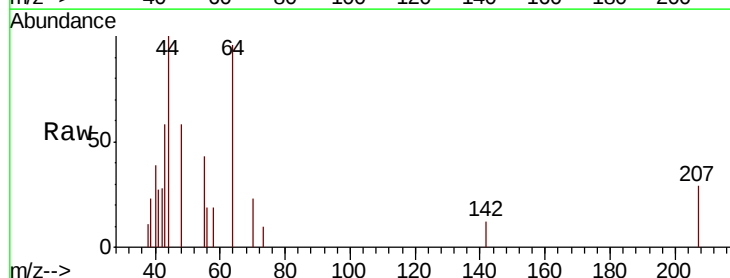
Tgt Ion: 142 Resp: 67

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

80

60

40

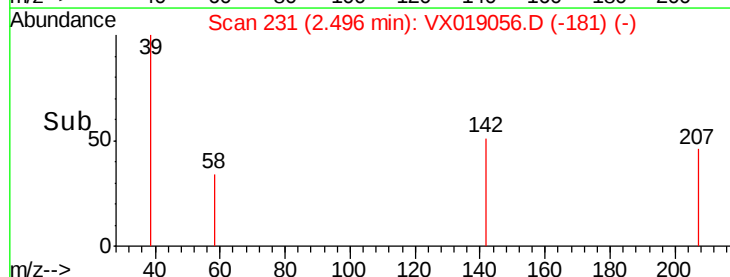
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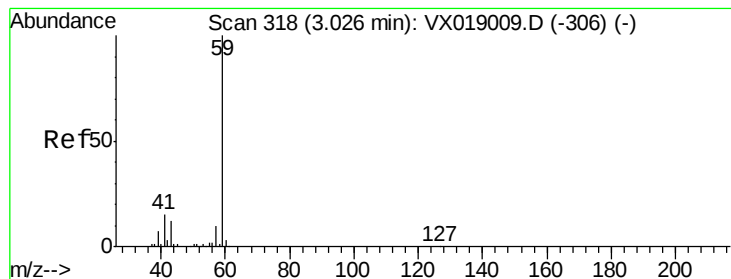
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Time-->

2.48 2.50 2.52

2.50





#11

Tert butyl alcohol
Concen: 2522.845 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.02 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

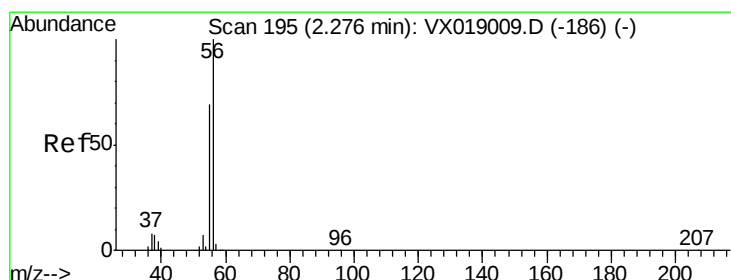
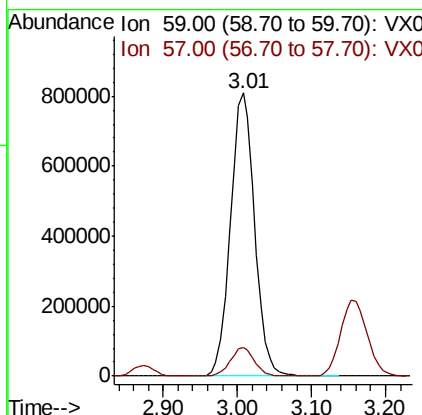
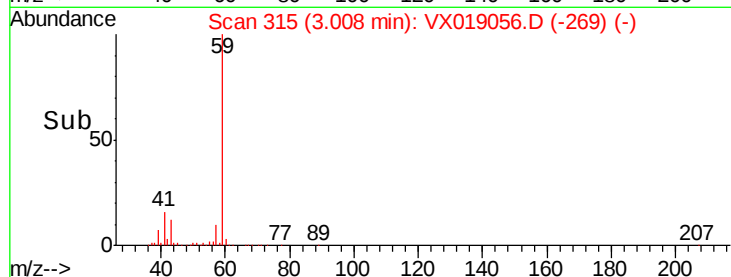
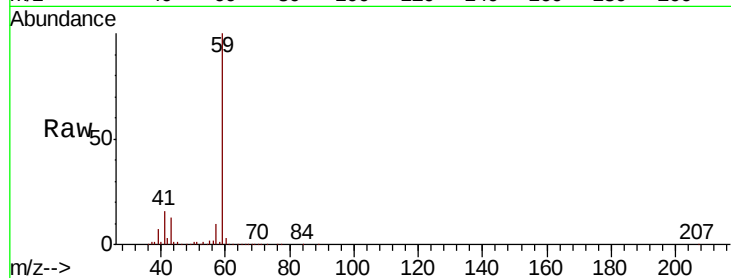
Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion: 59 Resp: 1836767

Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.2



#13

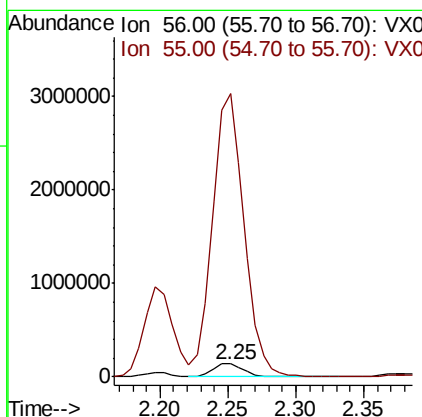
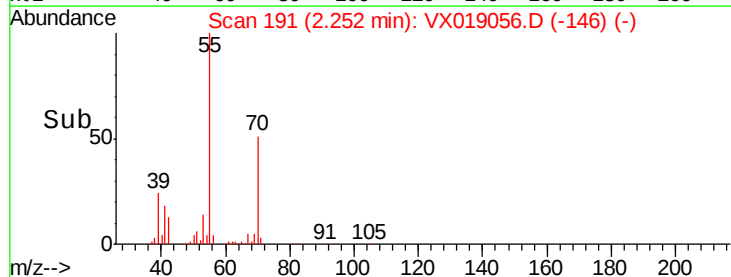
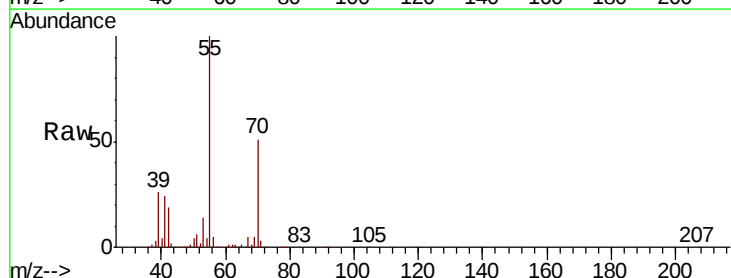
Acrolein
Concen: 803.447 ug/l
RT: 2.25 min Scan# 191
Delta R.T. -0.02 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

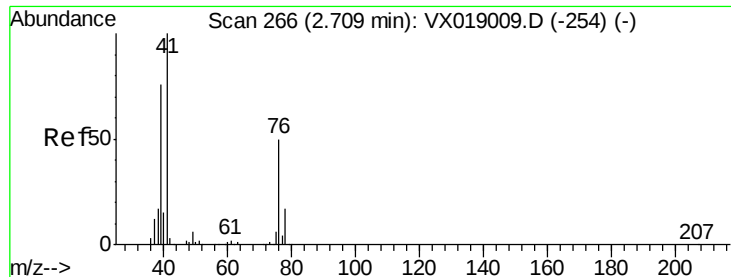
Tgt Ion: 56 Resp: 229336

Ion Ratio Lower Upper

56 100

55 2121.0 54.2 81.4#





#14

Allvl chloride

Concen: 129.583 ug/l

RT: 2.79 min Scan# 280

Delta R.T. 0.09 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

MW-1

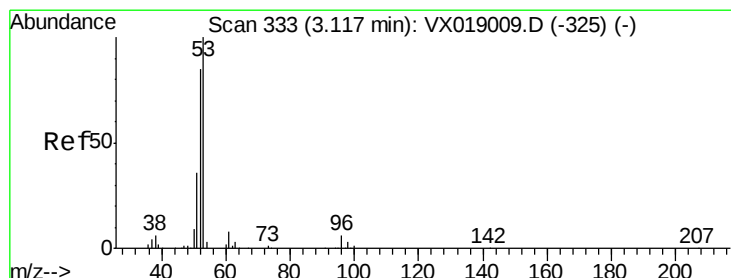
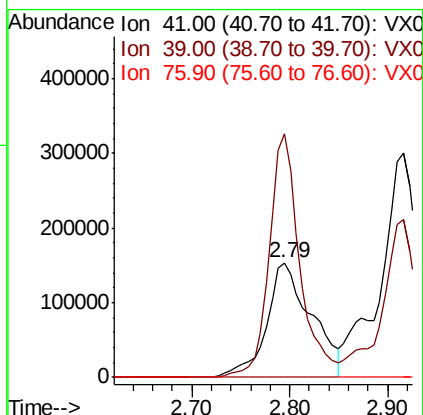
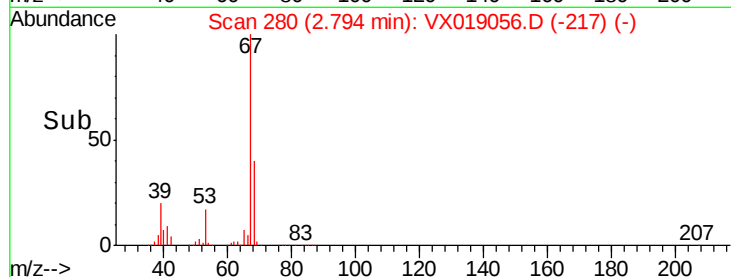
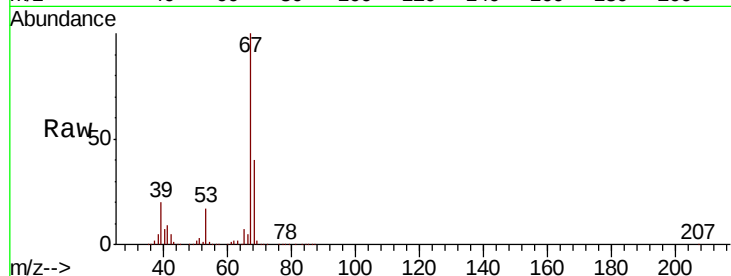
Tot Ion: 41 Resp: 489663

Ion Ratio Lower Upper

41 100

39 145.1 57.4 86.0#

76 0.0 37.7 56.5#



#15

Acrylonitrile

Concen: 14.959 ug/l

RT: 3.15 min Scan# 339

Delta R.T. 0.04 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

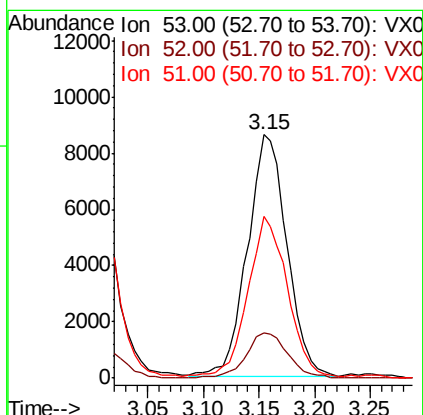
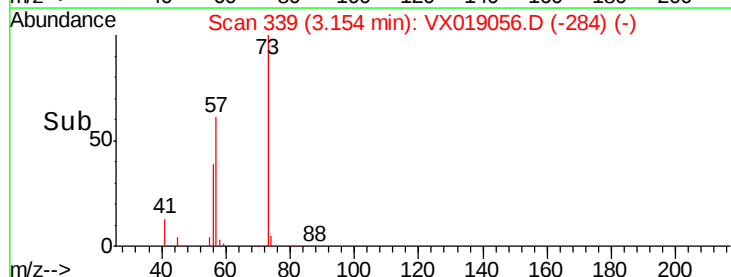
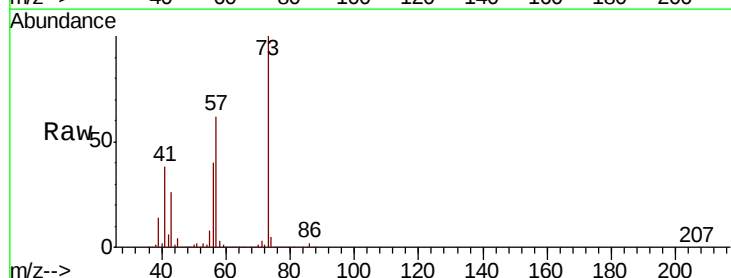
Tgt Ion: 53 Resp: 21060

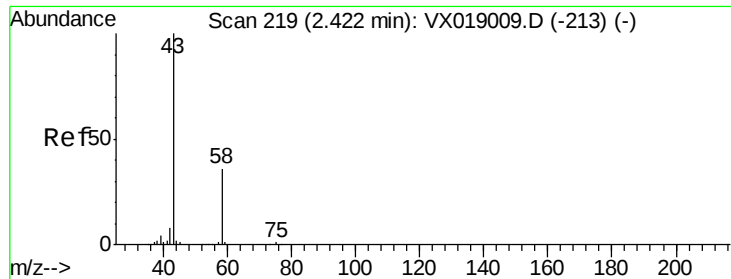
Ion Ratio Lower Upper

53 100

52 20.0 65.9 98.9#

51 66.3 28.3 42.5#





#16

Acetone

Concen: 48.223 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampled :

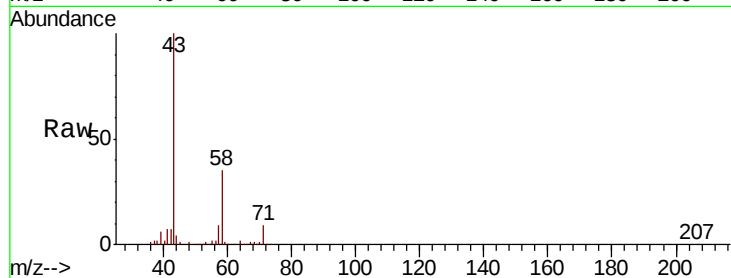
MW-1

Tot Ion: 43 Resp: 59045

Ion Ratio Lower Upper

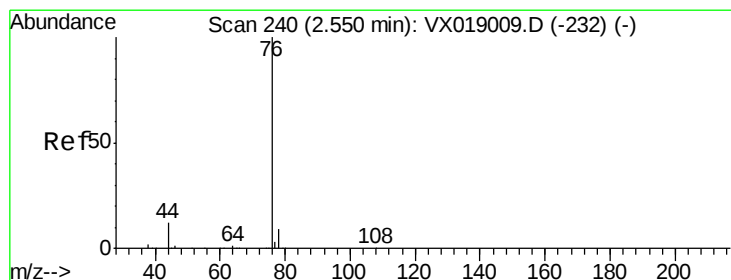
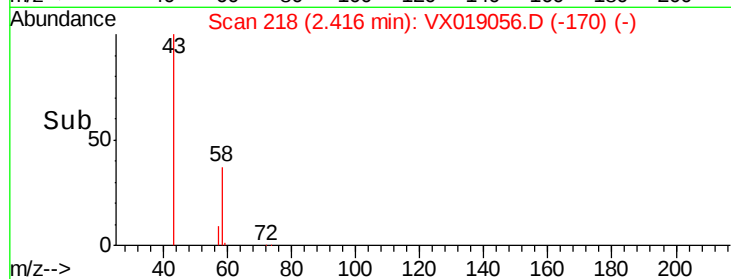
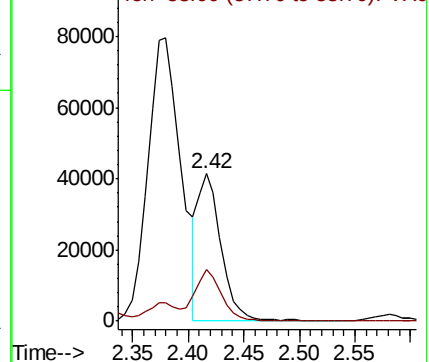
43 100

58 35.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.251 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019056.D

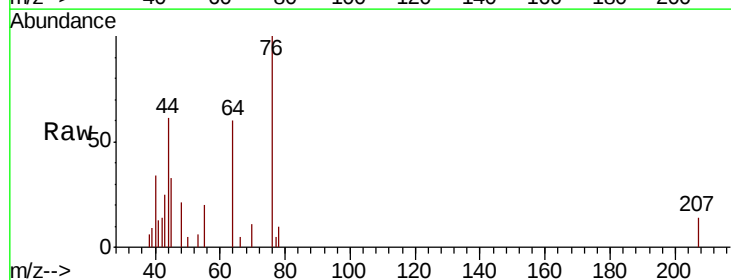
Acq: 23 Oct 2020 03:12

Tgt Ion: 76 Resp: 2112

Ion Ratio Lower Upper

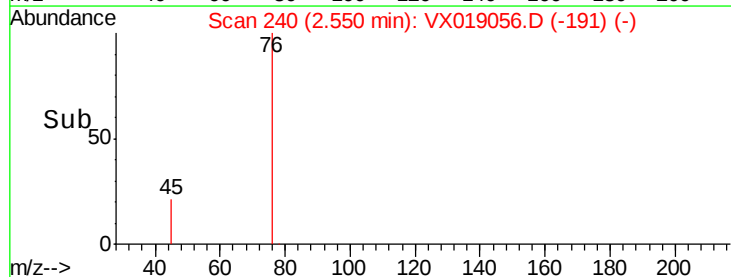
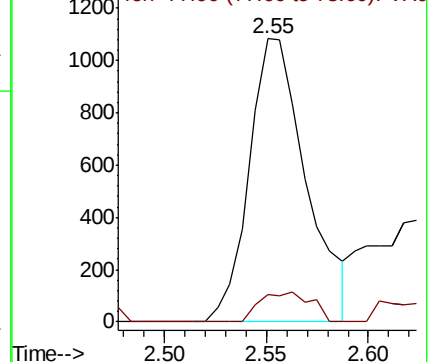
76 100

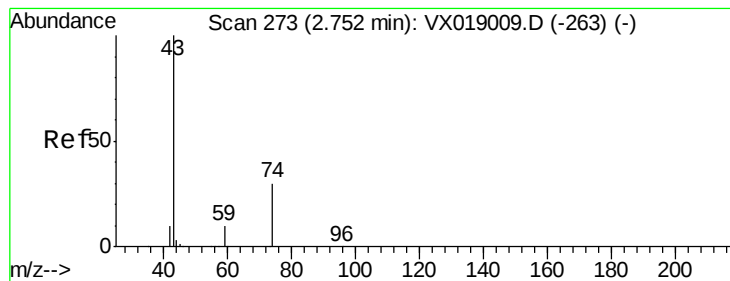
78 9.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#18

Methyl Acetate

Concen: 9.138 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

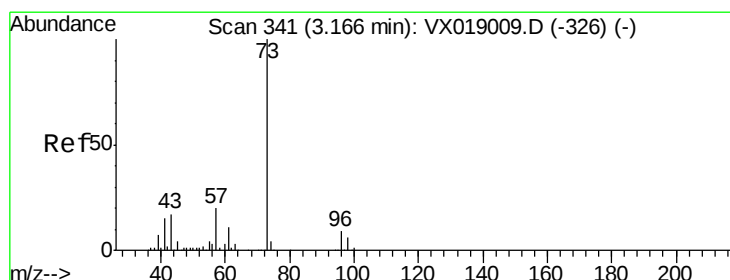
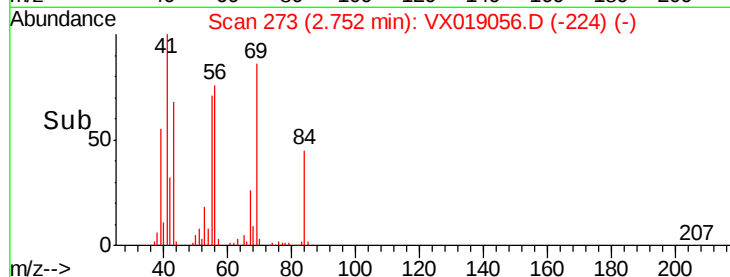
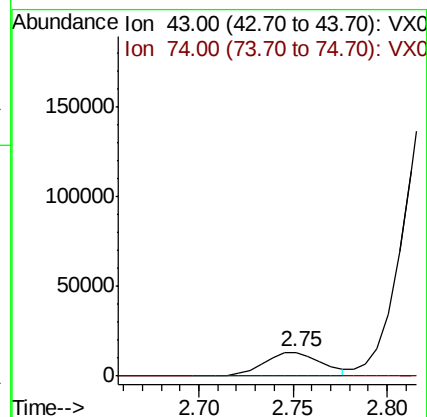
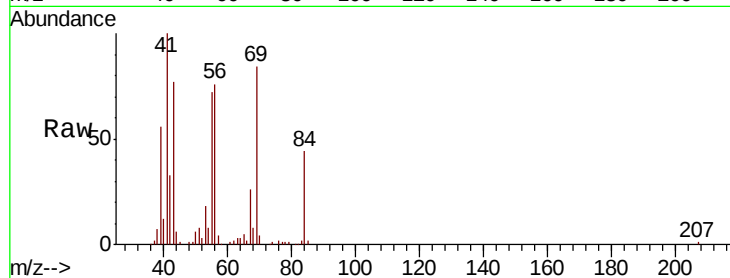
MW-1

Tot Ion: 43 Resp: 27764

Ion Ratio Lower Upper

43 100

74 1.0 24.9 37.3#



#19

Methyl tert-butyl Ether

Concen: 112.974 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX019056.D

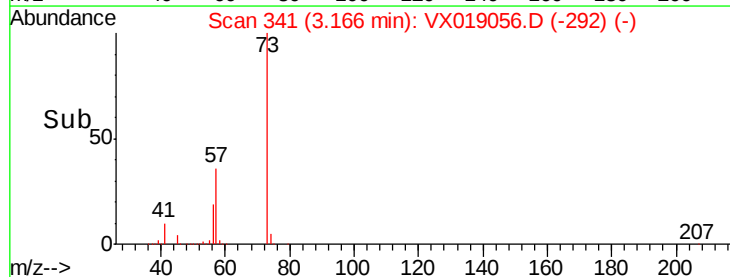
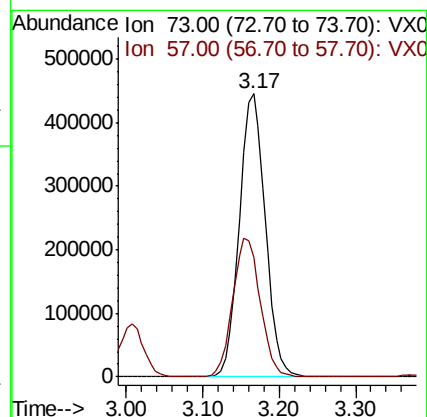
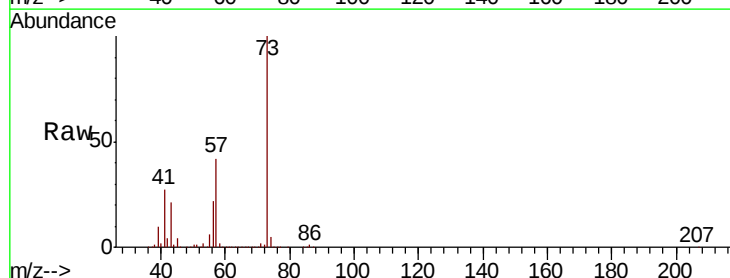
Acq: 23 Oct 2020 03:12

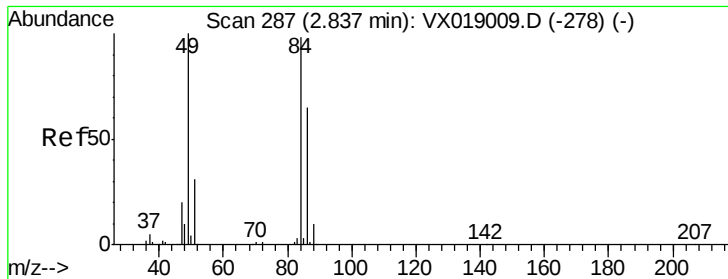
Tgt Ion: 73 Resp: 1045309

Ion Ratio Lower Upper

73 100

57 42.1 16.2 24.2#

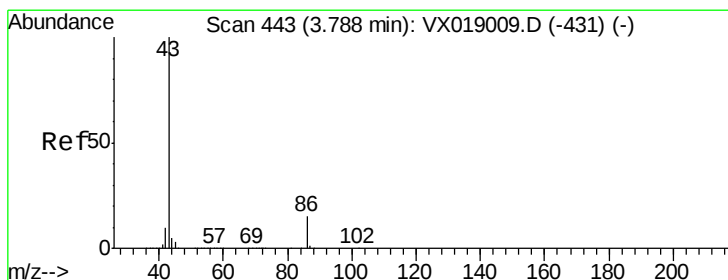
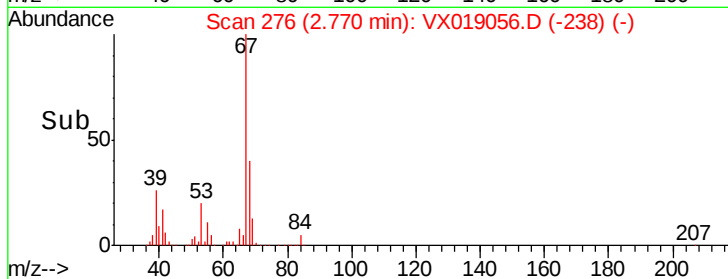
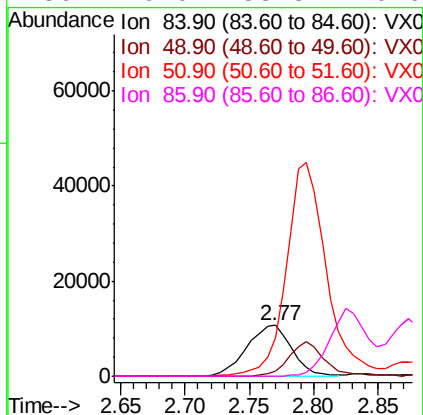
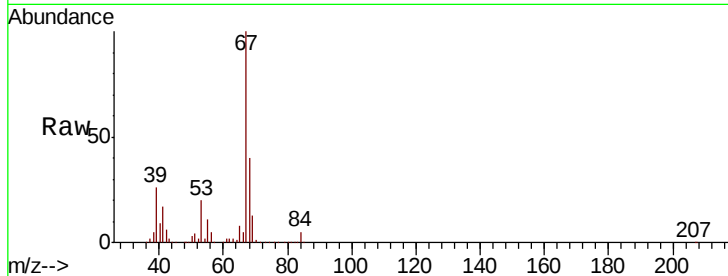




#20
Methvlene Chloride
Concen: 7.637 ug/l
RT: 2.77 min Scan# 276
Delta R.T. -0.07 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

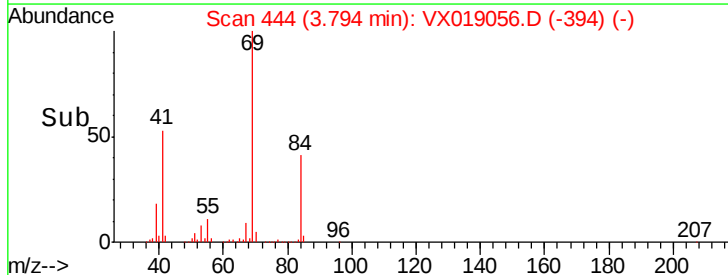
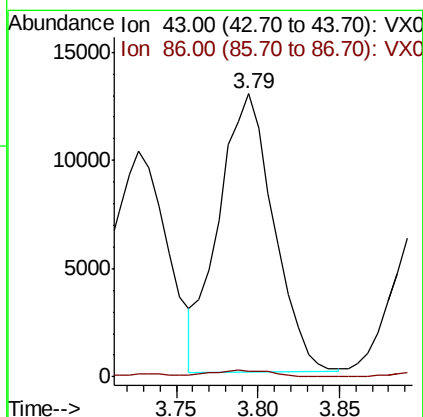
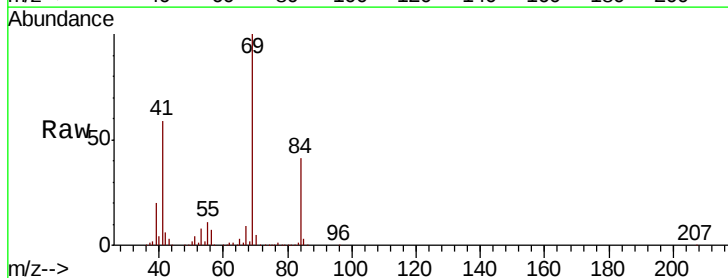
Instrument :
MSVOA_X
ClientSampleId :
MW-1

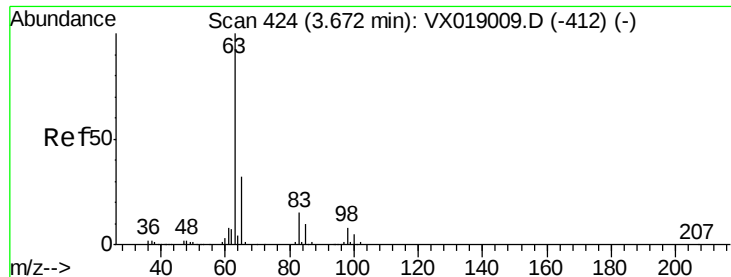
Tot Ion: 84 Resp: 26033
Ion Ratio Lower Upper
84 100
49 9.5 81.6 122.4#
51 74.9 25.6 38.4#
86 0.0 53.3 79.9#



#23
Vinyl Acetate
Concen: 4.256 ug/l
RT: 3.79 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

Tgt Ion: 43 Resp: 30115
Ion Ratio Lower Upper
43 100
86 2.1 11.7 17.5#





#24

1,1-Dichloroethane

Concen: 0.474 ug/l

RT: 3.65 min Scan# 420

Delta R.T. -0.02 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

MW-1

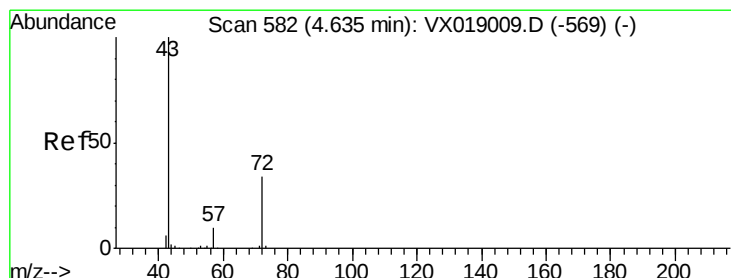
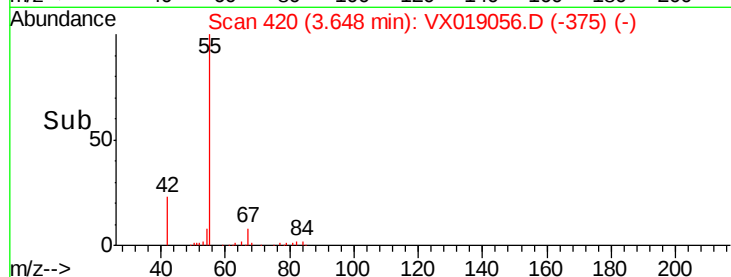
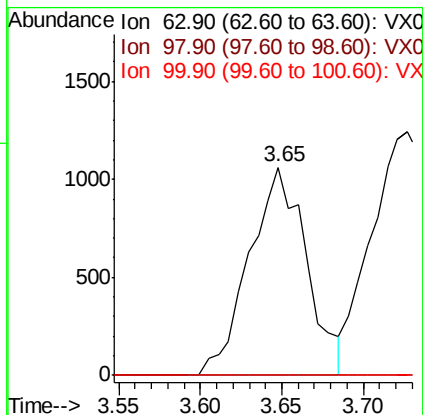
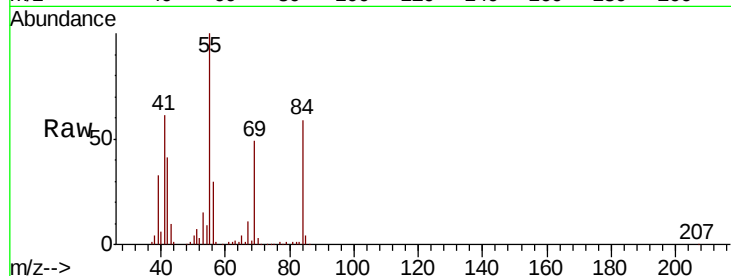
Tot Ion: 63 Resp: 2570

Ion Ratio Lower Upper

63 100

98 0.0 4.0 12.0#

100 0.0 2.5 7.4#



#25

2-Butanone

Concen: 13.335 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019056.D

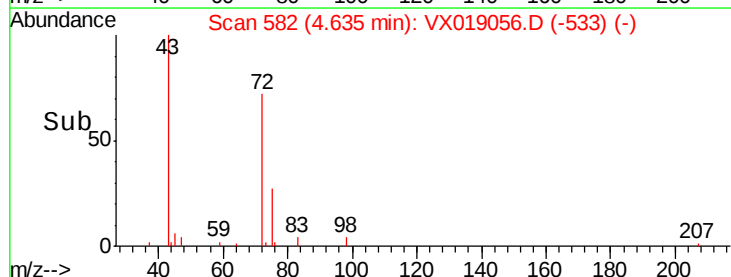
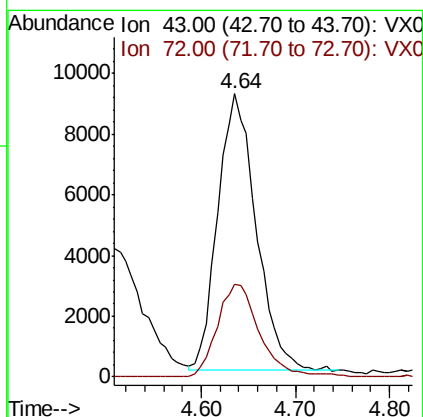
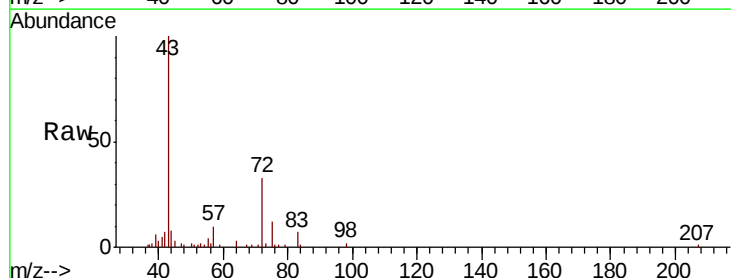
Acq: 23 Oct 2020 03:12

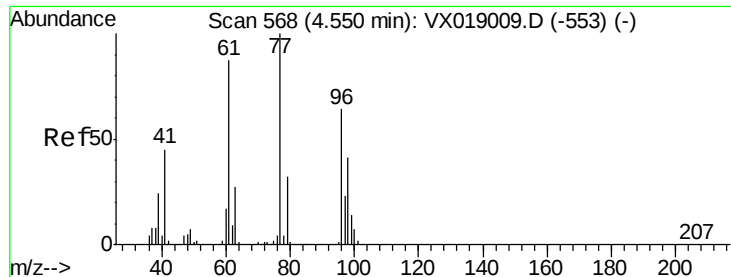
Tgt Ion: 43 Resp: 25798

Ion Ratio Lower Upper

43 100

72 33.5 27.8 41.6





#26

2,2-Dichloropropane

Concen: 0.310 ug/l

RT: 4.50 min Scan# 559

Delta R.T. -0.05 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampled :

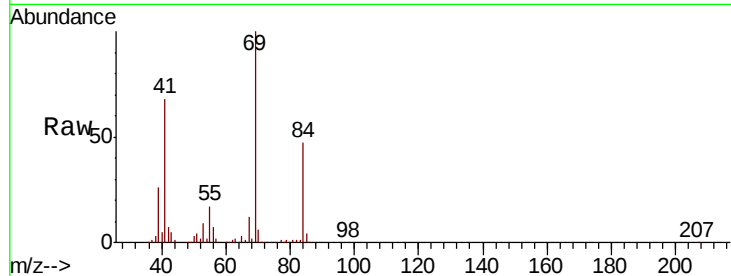
MW-1

Tot Ion: 77 Resp: 1554

Ion Ratio Lower Upper

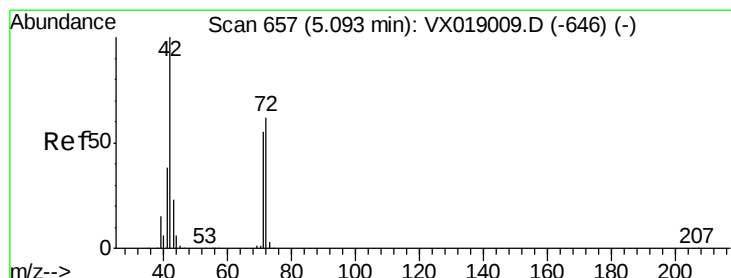
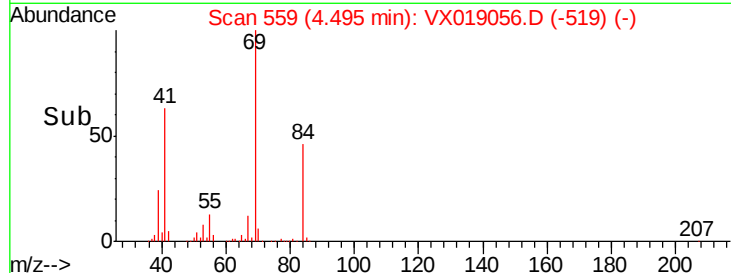
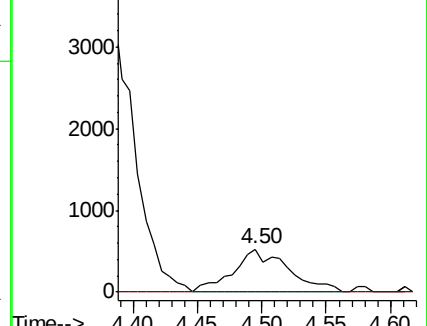
77 100

97 0.0 11.9 35.7#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#29

Tetrahydrofuran

Concen: 0.520 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.08 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

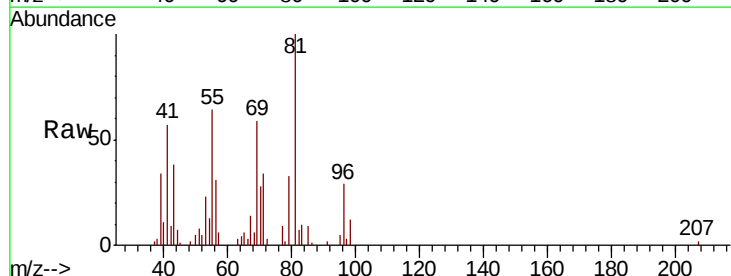
Tgt Ion: 42 Resp: 601

Ion Ratio Lower Upper

42 100

72 0.0 49.1 73.7#

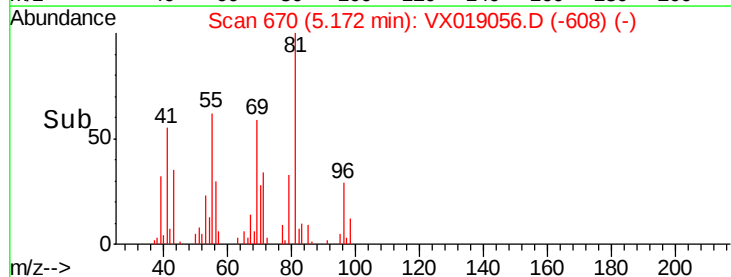
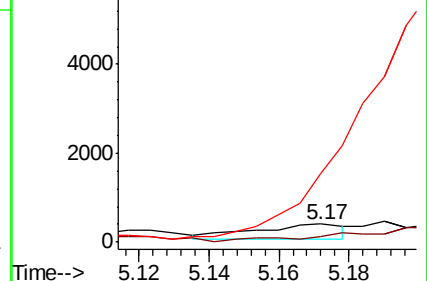
71 0.0 44.2 66.4#

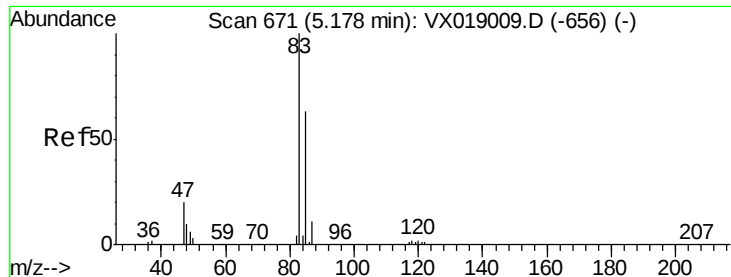


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

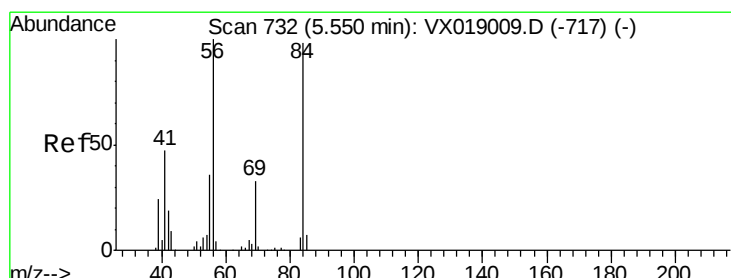
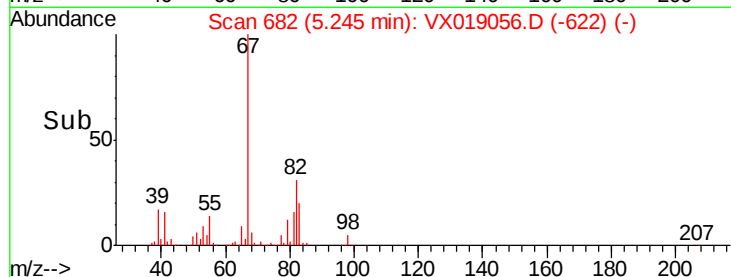
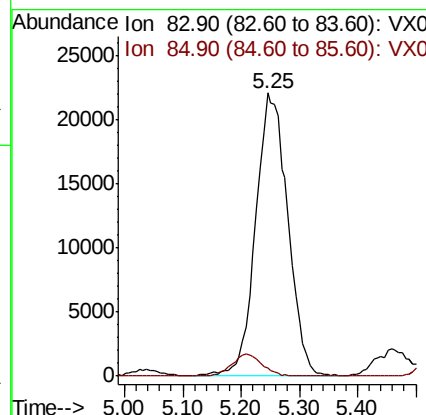
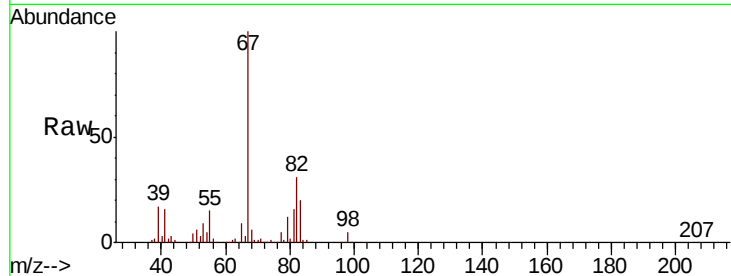




#30
Chloroform
Concen: 14.341 ug/l
RT: 5.25 min Scan# 682
Delta R.T. 0.07 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

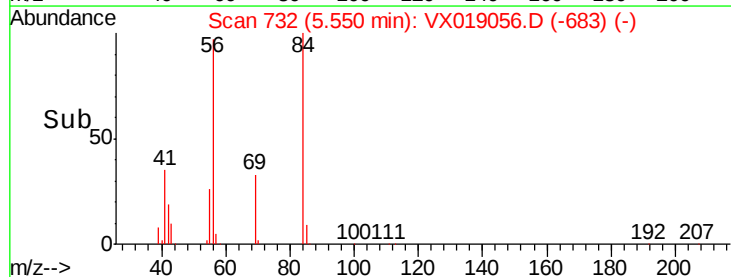
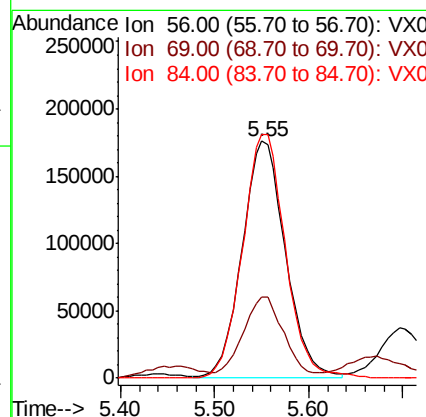
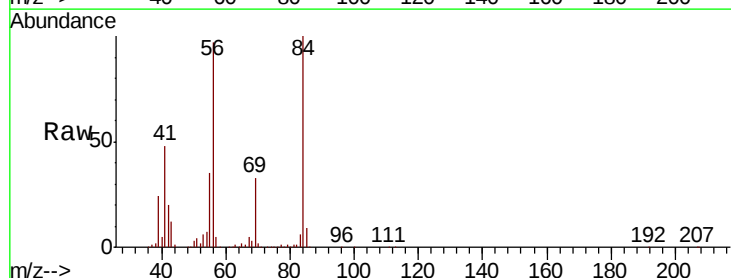
Instrument :
MSVOA_X
ClientSampleId :
MW-1

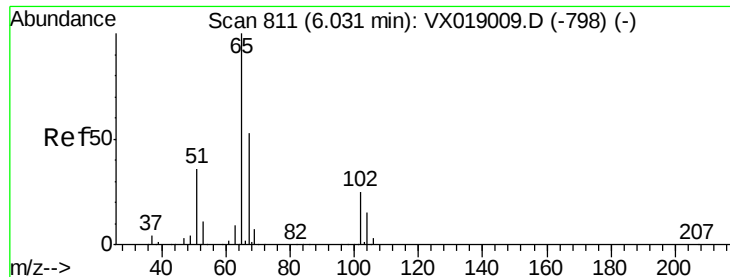
Tot Ion: 83 Resp: 84487
Ion Ratio Lower Upper
83 100
85 2.7 50.5 75.7#



#31
Cyclohexane
Concen: 134.932 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

Tgt Ion: 56 Resp: 568013
Ion Ratio Lower Upper
56 100
69 30.4 26.2 39.2
84 103.5 78.3 117.5

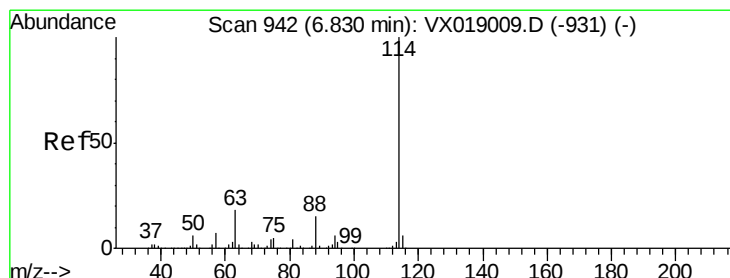
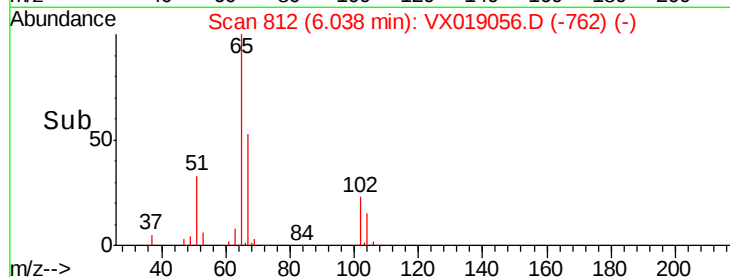
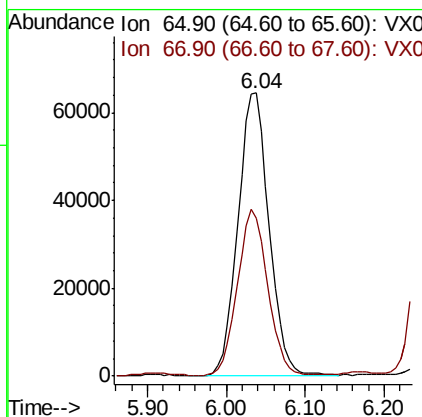
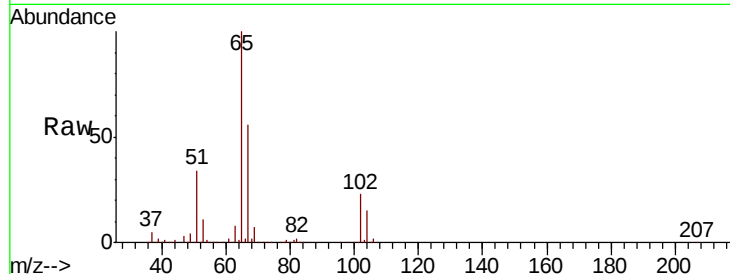




#33
 1,2-Dichloroethane-d4
 Concen: 49.376 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

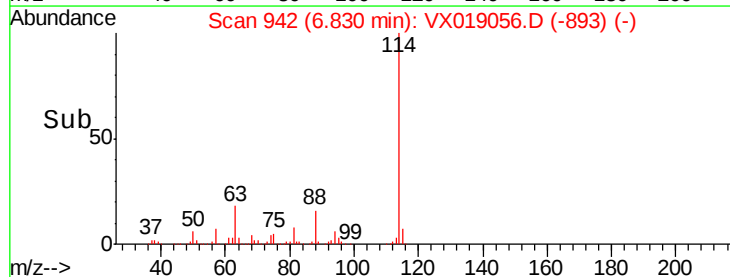
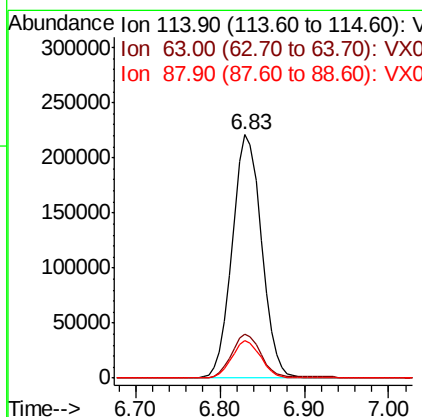
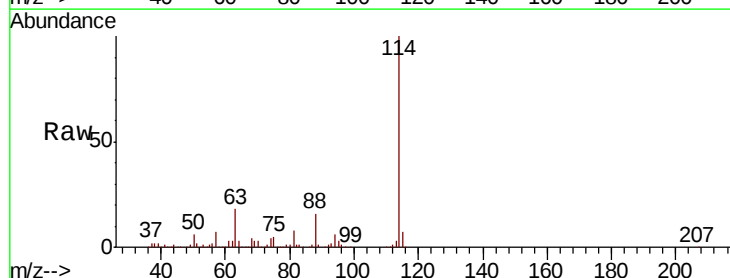
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

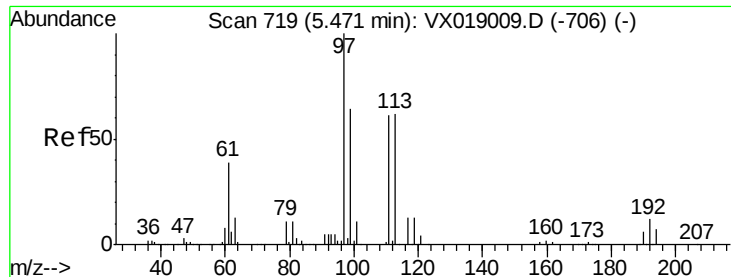
Tot Ion: 65 Resp: 177493
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

Tgt Ion: 114 Resp: 520103
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 15.6 0.0 30.2

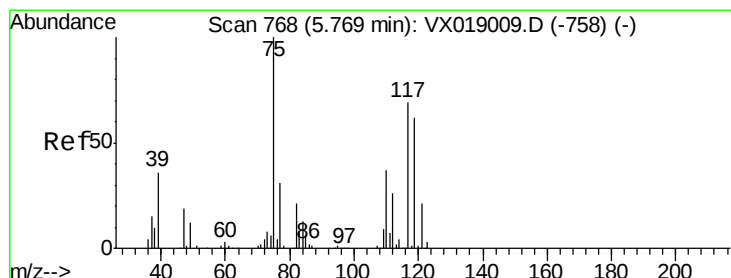
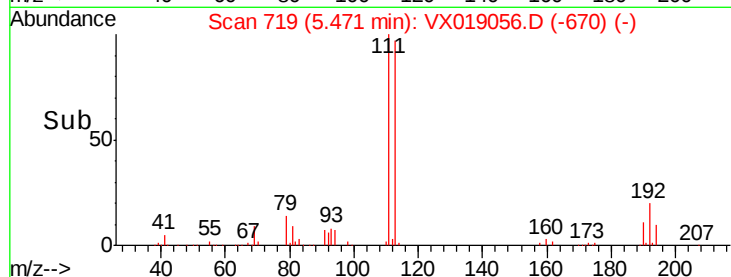
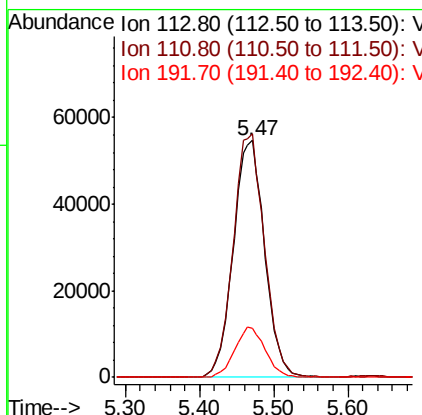
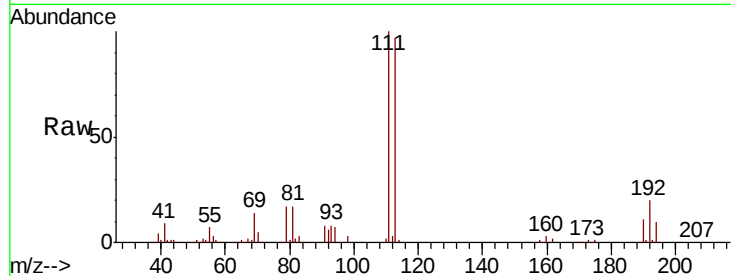




#35
 Dibromofluoromethane
 Concen: 48.982 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

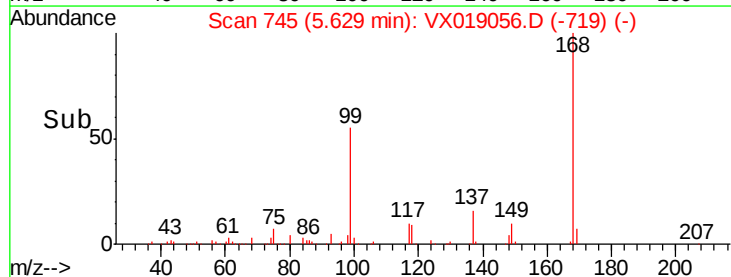
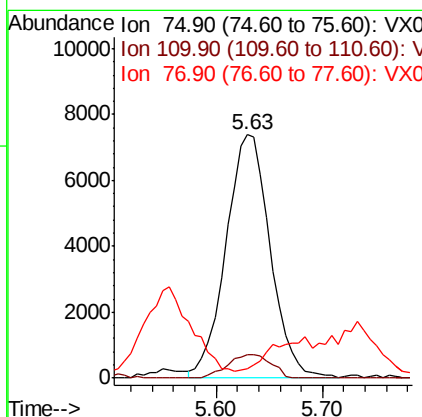
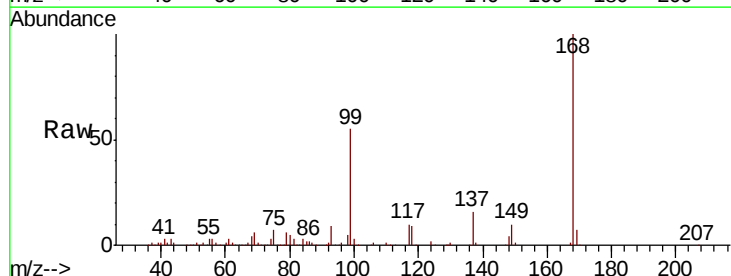
Instrument :
 MSVOA_X
 ClientSampled :
 MW-1

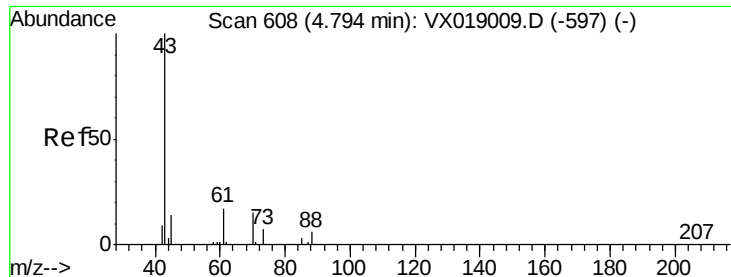
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	20.5	16.3	24.5



#36
 1,1-Dichloropropene
 Concen: 4.604 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.4	58.2#
77	0.0	25.2	37.8#

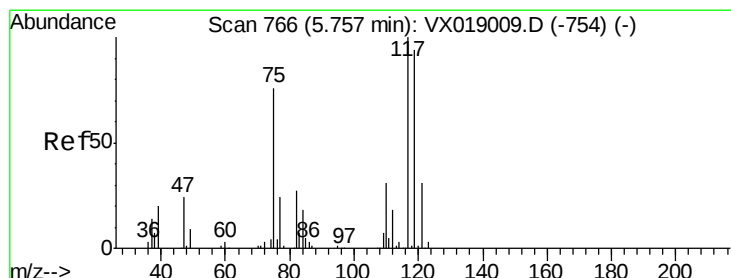
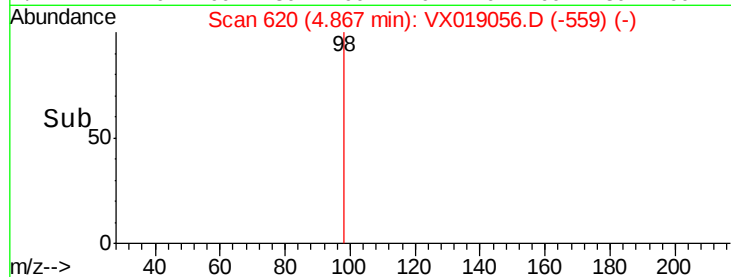
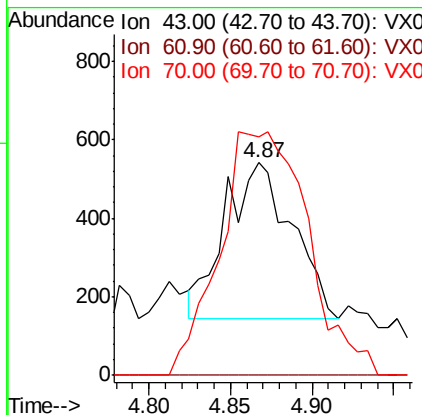
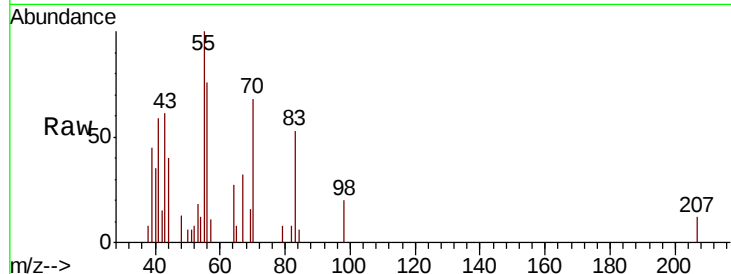




#37
Ethyl Acetate
Concen: 0.287 ug/l
RT: 4.87 min Scan# 620
Delta R.T. 0.07 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

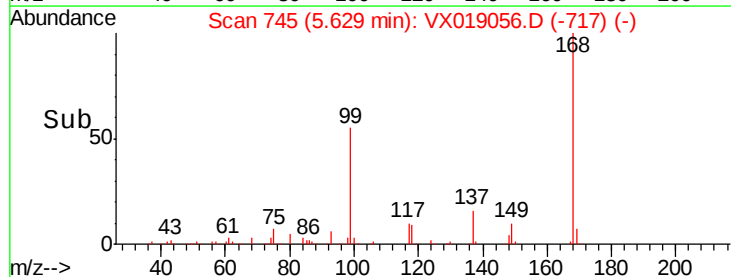
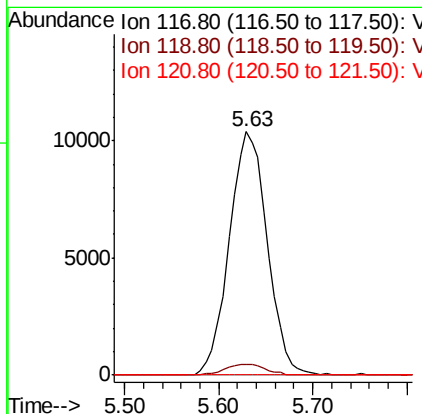
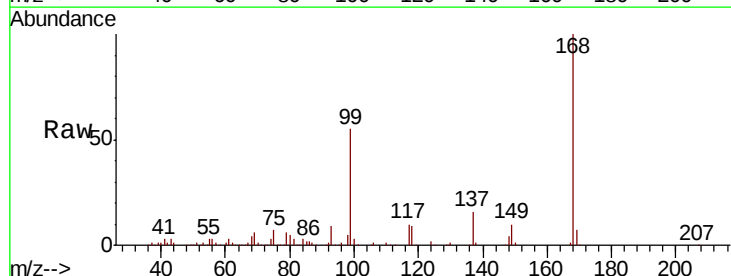
Instrument :
MSVOA_X
ClientSampleId :
MW-1

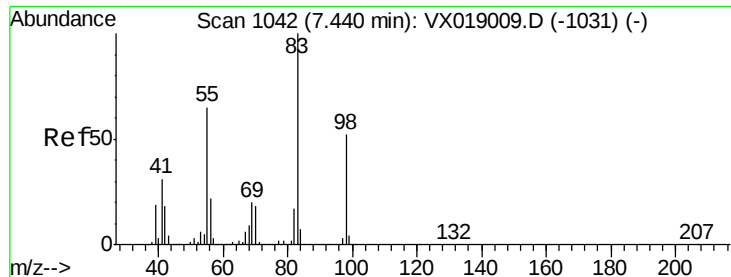
Tot Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
61 0.0 13.8 20.8#
70 203.6 11.4 17.2#



#38
Carbon Tetrachloride
Concen: 5.951 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

Tgt Ion: 117 Resp: 29149
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.0#
121 0.0 25.0 37.6#

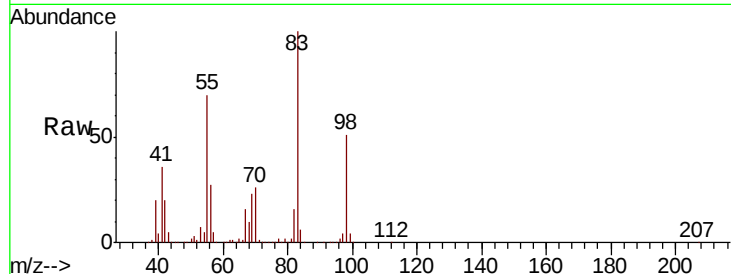




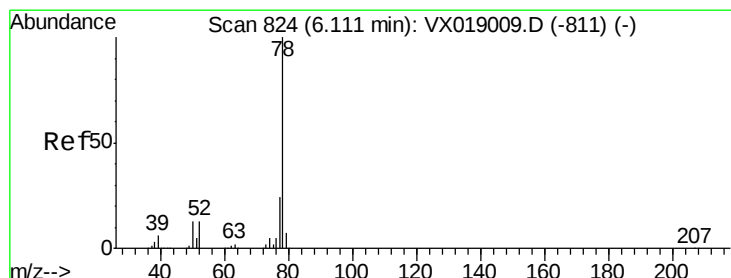
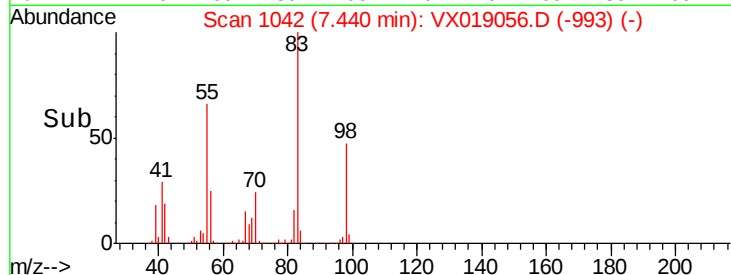
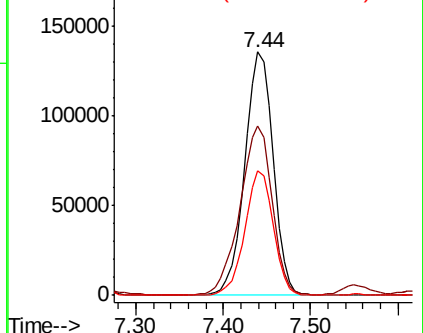
#39
Methvlcvclohexane
Concen: 58.671 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion: 83 Resp: 306764
Ion Ratio Lower Upper
83 100
55 69.4 51.8 77.6
98 51.1 41.4 62.2

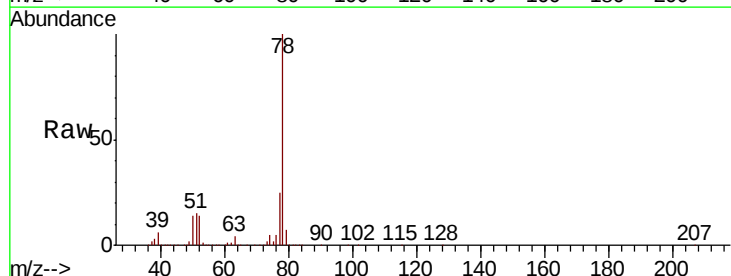


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

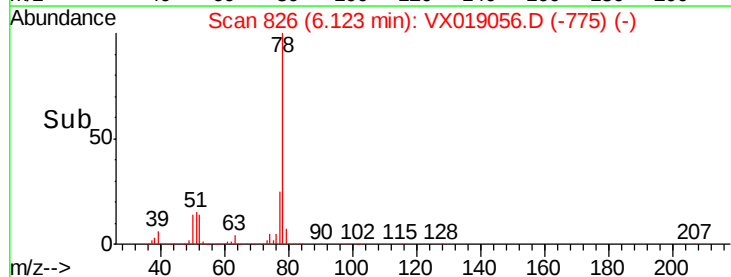
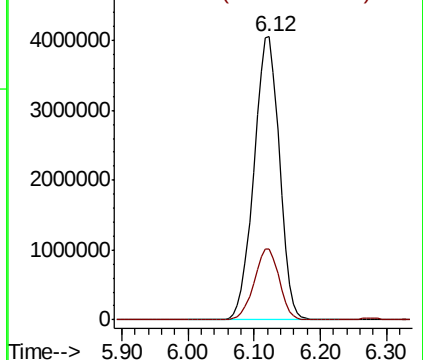


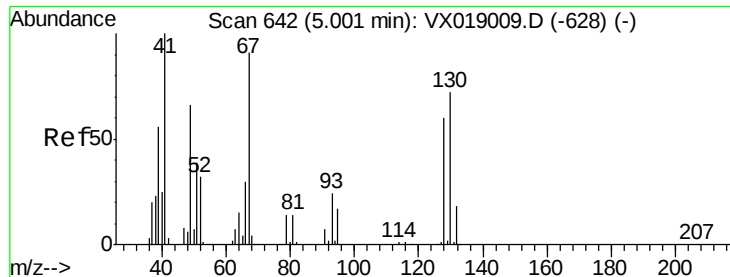
#40
Benzene
Concen: 789.793 ug/l
RT: 6.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

Tgt Ion: 78 Resp:10855296
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

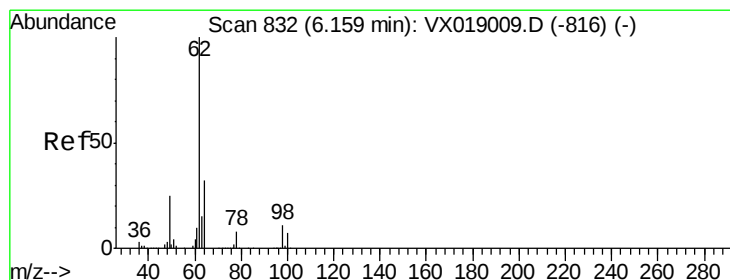
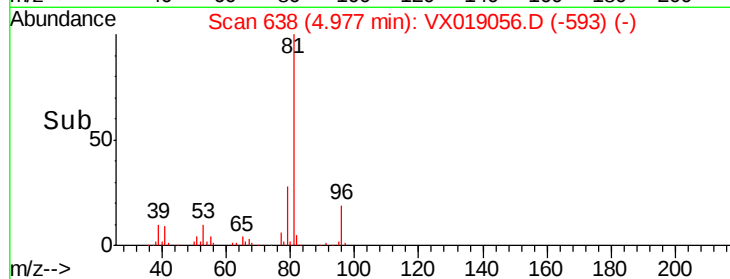
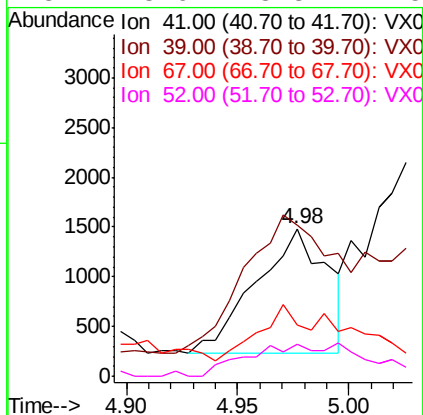
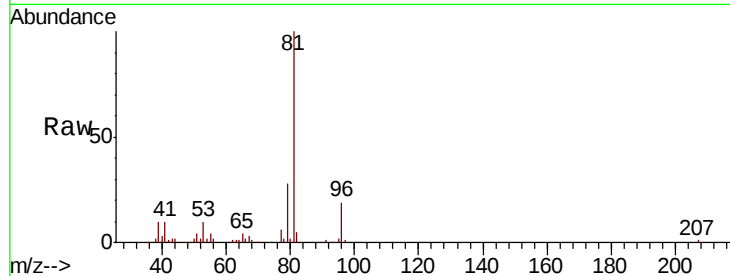




#41
Methacrylonitrile
Concen: 1.306 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.02 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

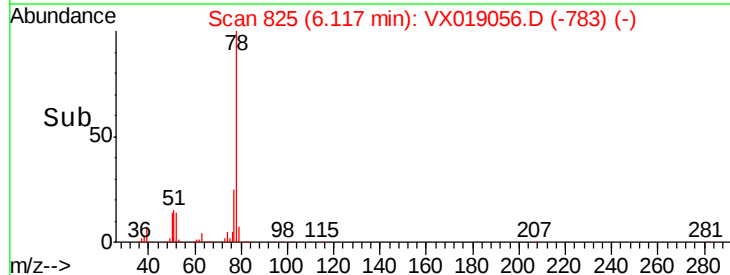
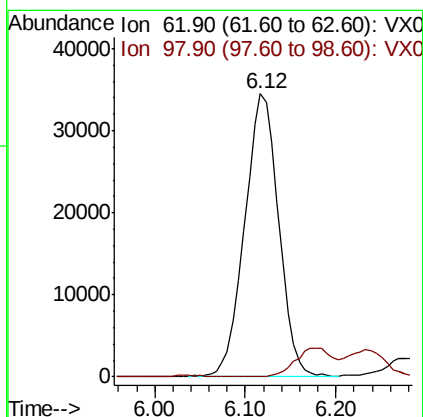
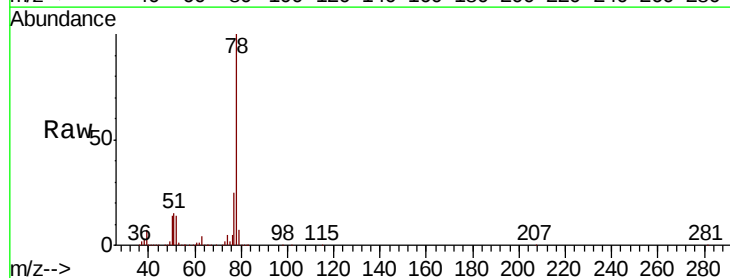
Instrument :
MSVOA_X
ClientSampled :
MW-1

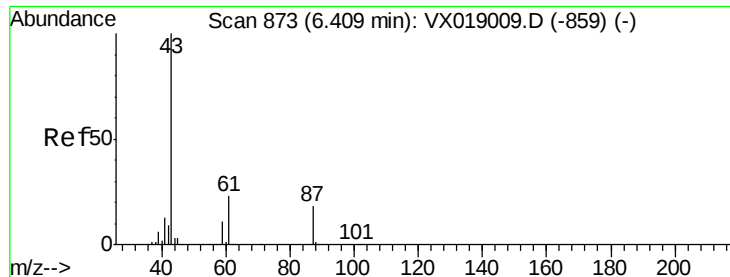
Tot Ion	Ratio	Lower	Upper
41	100		
39	139.4	44.6	67.0#
67	0.0	76.1	114.1#
52	23.6	28.3	42.5#



#42
1,2-Dichloroethane
Concen: 18.992 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.04 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.8





#43

Isopropyl Acetate

Concen: 2.192 ug/l

RT: 6.43 min Scan# 877

Delta R.T. 0.02 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampled :

MW-1

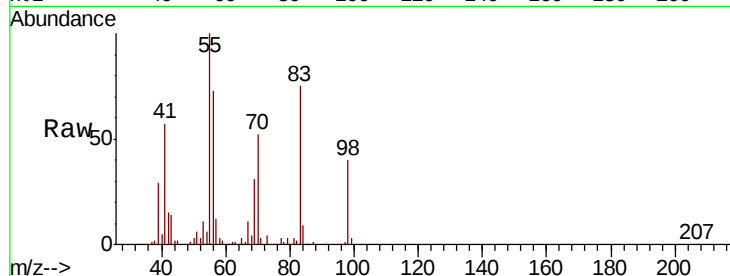
Tot Ion: 43 Resp: 14786

Ion Ratio Lower Upper

43 100

61 0.0 18.7 28.1#

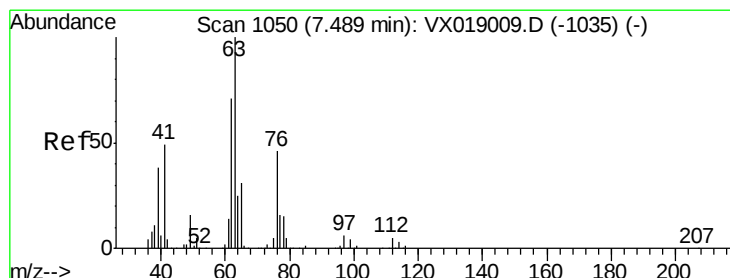
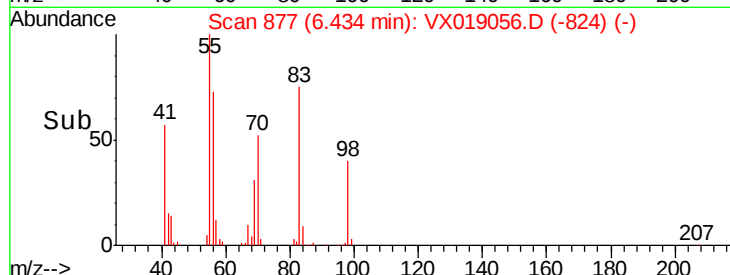
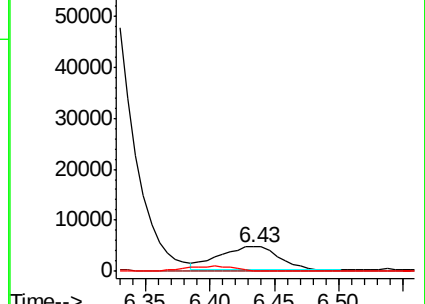
87 0.0 14.2 21.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 1.188 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. -0.04 min

Lab File: VX019056.D

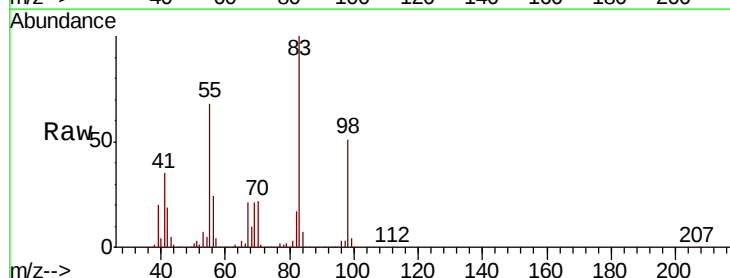
Acq: 23 Oct 2020 03:12

Tgt Ion: 63 Resp: 3916

Ion Ratio Lower Upper

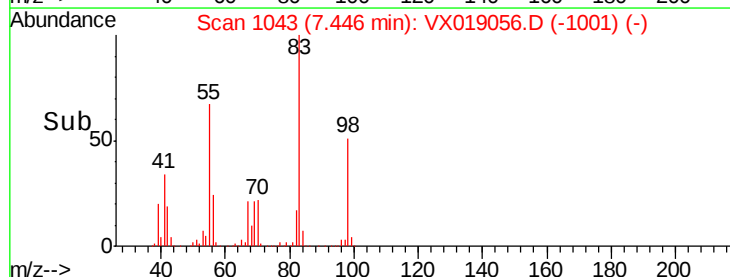
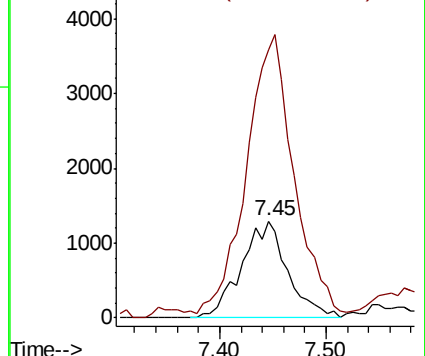
63 100

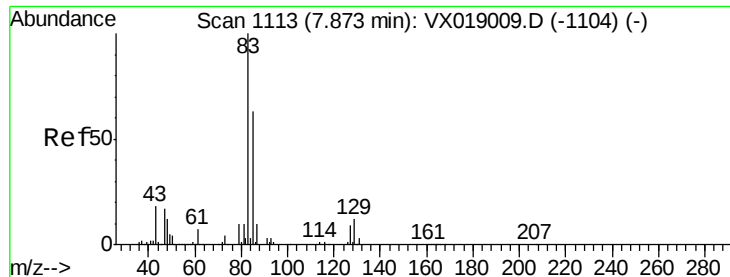
65 270.0 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 1.283 ug/l

RT: 7.82 min Scan# 1105

Delta R.T. -0.05 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

MW-1

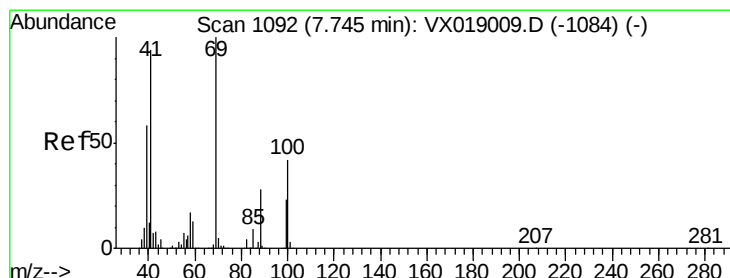
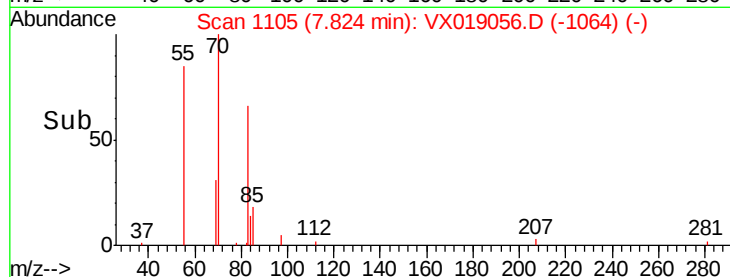
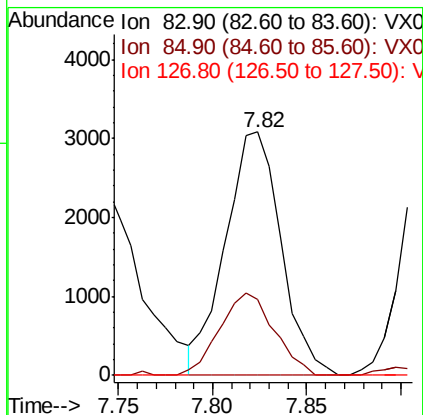
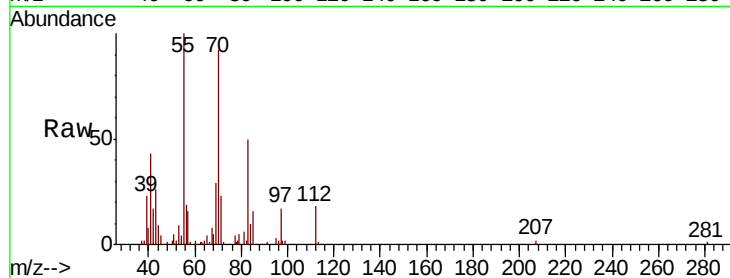
Tot Ion: 83 Resp: 6315

Ion Ratio Lower Upper

83 100

85 31.1 50.7 76.1#

127 0.0 6.8 10.2#



#48

Methyl methacrylate

Concen: 6.437 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.03 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

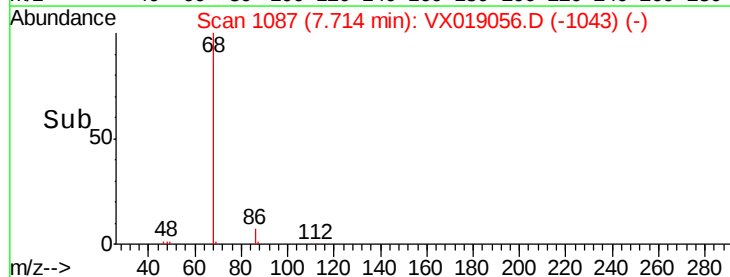
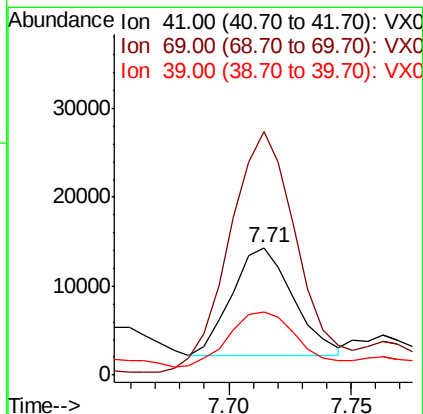
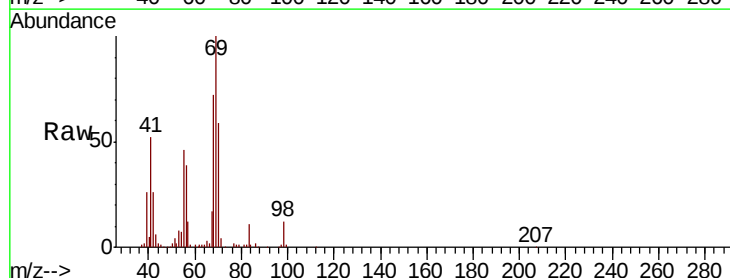
Tgt Ion: 41 Resp: 21397

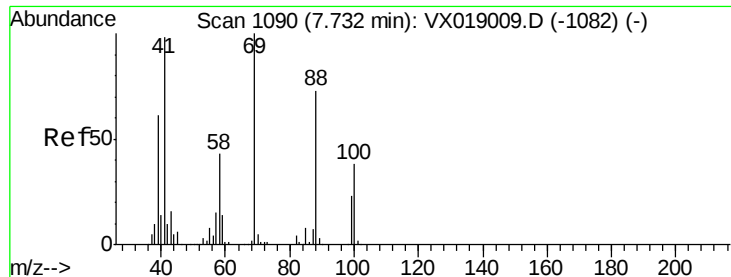
Ion Ratio Lower Upper

41 100

69 246.0 85.5 128.3#

39 55.9 49.3 73.9

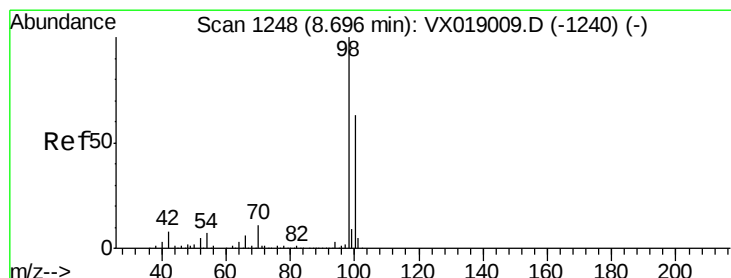
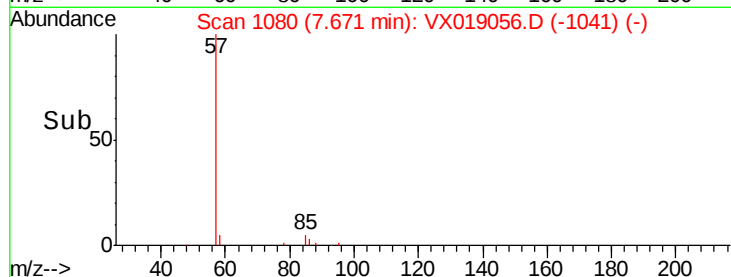
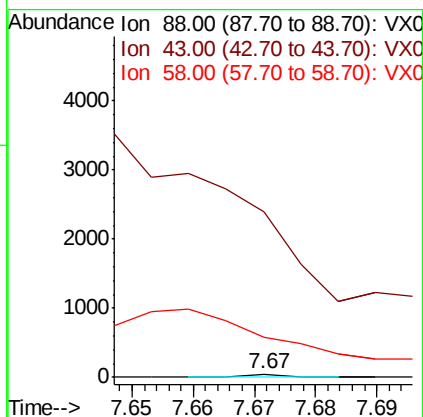
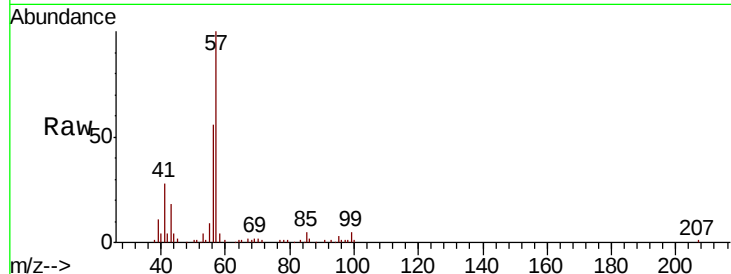




#49
 1,4-Dioxane
 Concen: 0.240 ug/l
 RT: 7.67 min Scan# 1080
 Delta R.T. -0.06 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

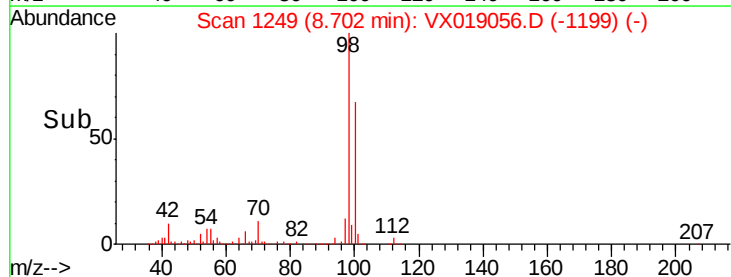
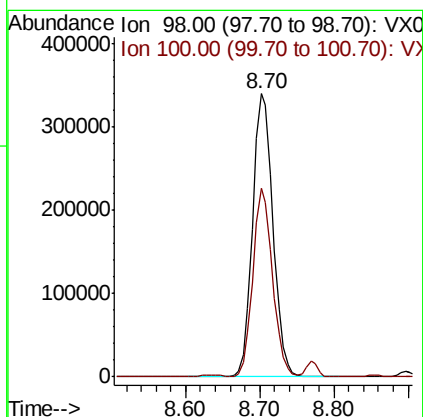
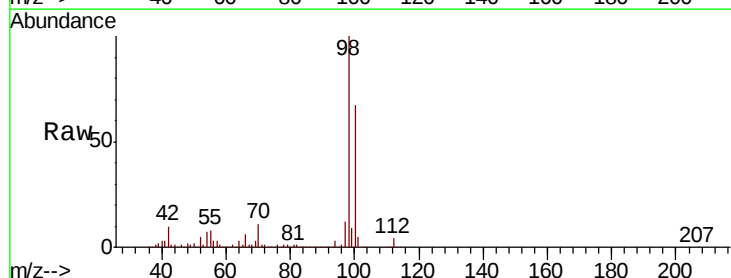
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

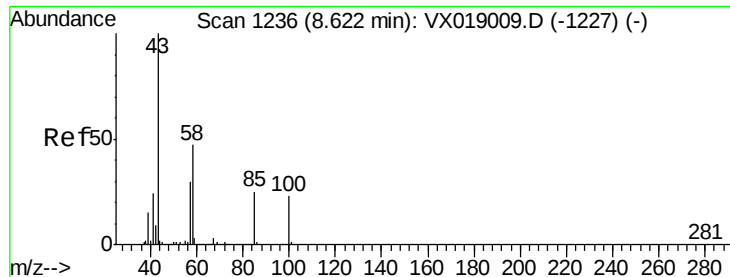
Tot Ion: 88 Resp: 18
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.3 30.5#
 58 9816.7 48.4 72.6#



#50
 Toluene-d8
 Concen: 52.208 ug/l
 RT: 8.70 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

Tgt Ion: 98 Resp: 656037
 Ion Ratio Lower Upper
 98 100
 100 63.7 52.1 78.1

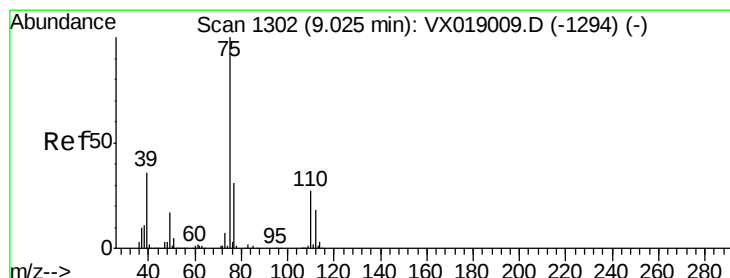
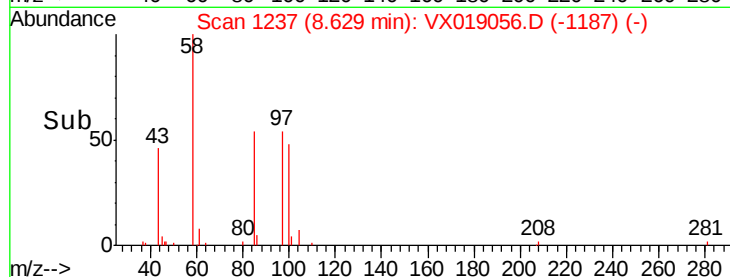
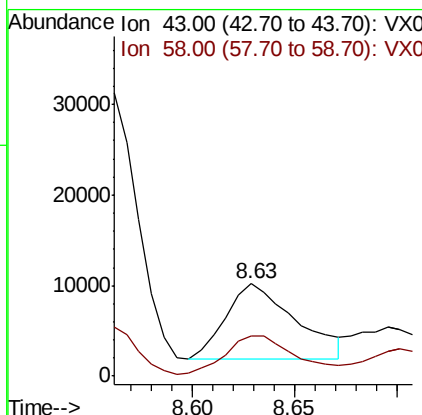
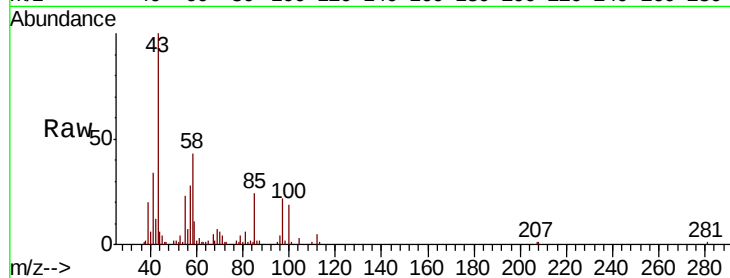




#51
 4-Methyl-2-Pentanone
 Concen: 4.971 ug/l
 RT: 8.63 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

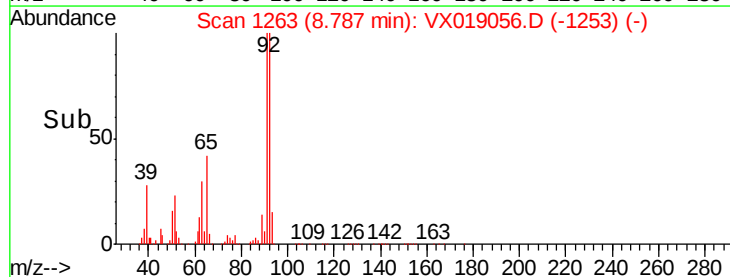
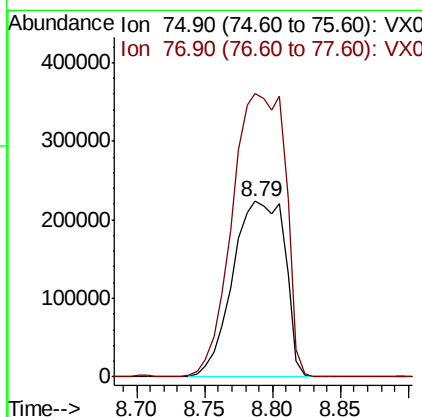
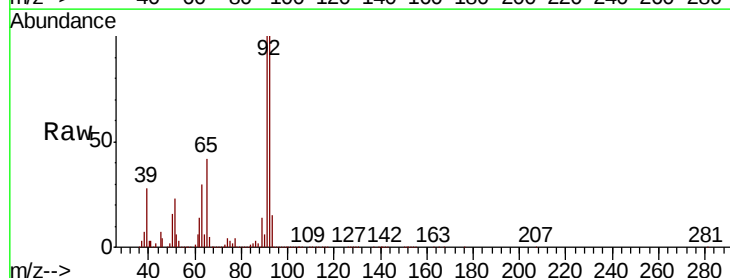
Instrument :
 MSVOA_X
 ClientSampleID :
 MW-1

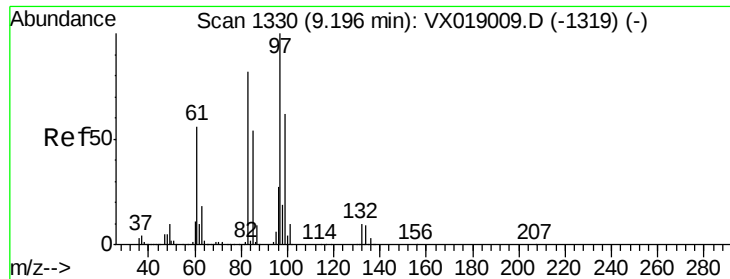
Tot Ion: 43 Resp: 19761
 Ion Ratio Lower Upper
 43 100
 58 49.4 37.4 56.0



#53
 t-1,3-Dichloropropene
 Concen: 107.411 ug/l
 RT: 8.79 min Scan# 1263
 Delta R.T. -0.24 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

Tgt Ion: 75 Resp: 597190
 Ion Ratio Lower Upper
 75 100
 77 161.4 25.1 37.7#

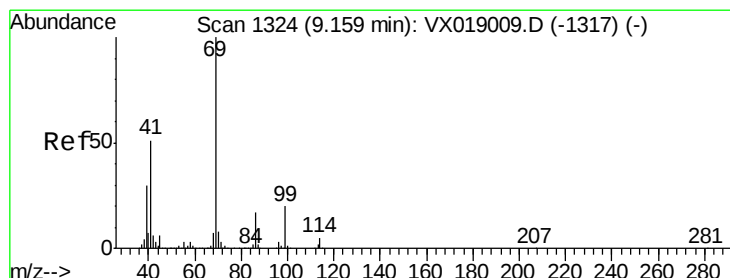
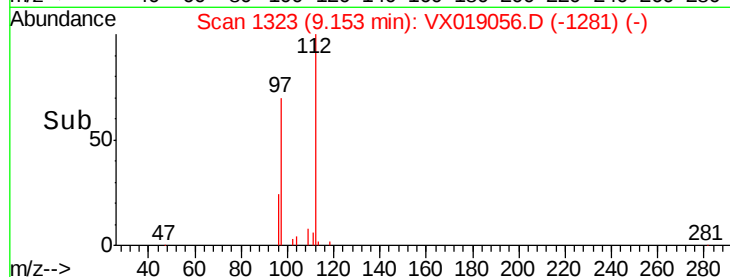
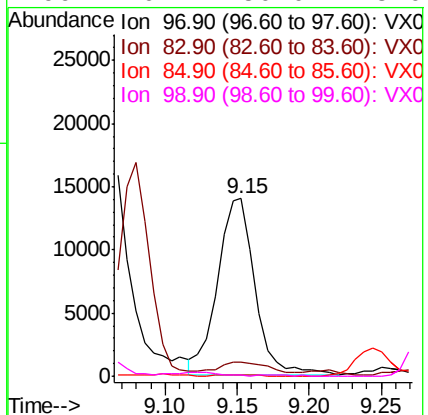
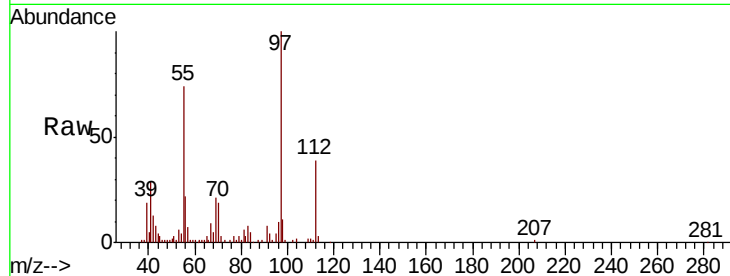




#55
 1,1,2-Trichloroethane
 Concen: 6.822 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. -0.04 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

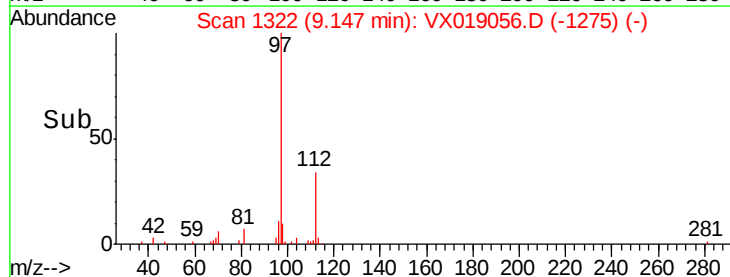
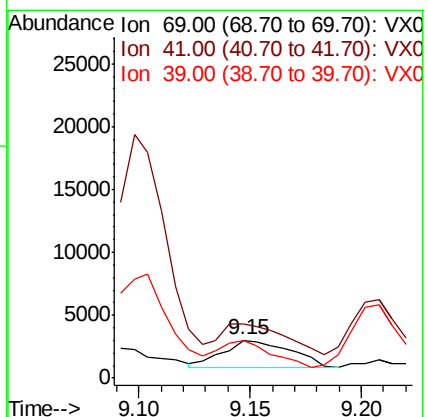
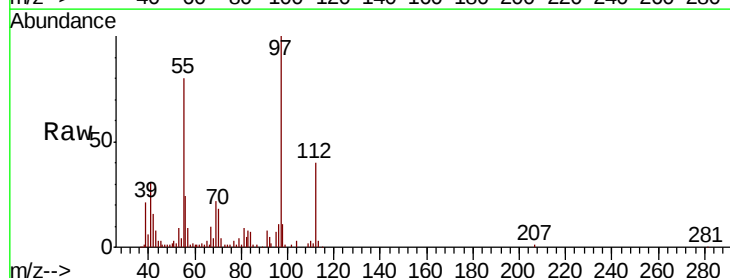
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

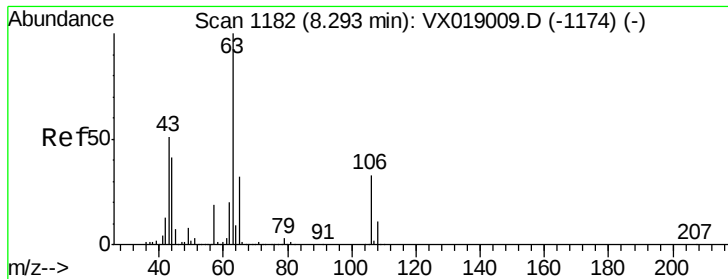
Tot Ion: 97 Resp: 25248
 Ion Ratio Lower Upper
 97 100
 83 6.2 65.4 98.2#
 85 0.0 43.3 64.9#
 99 0.7 50.0 75.0#



#56
 Ethyl methacrylate
 Concen: 0.848 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

Tgt Ion: 69 Resp: 4517
 Ion Ratio Lower Upper
 69 100
 41 107.7 41.1 61.7#
 39 78.2 24.6 37.0#

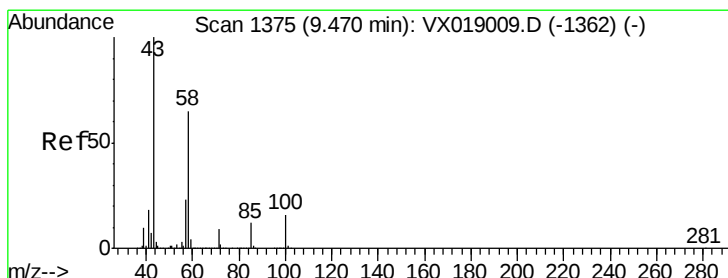
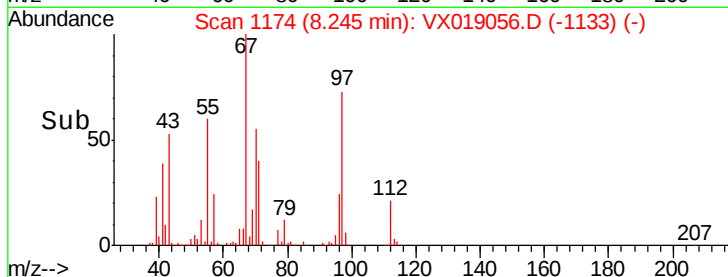
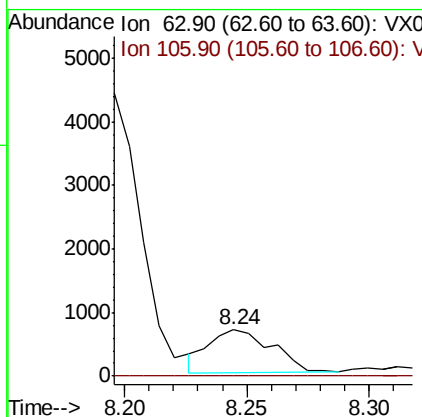
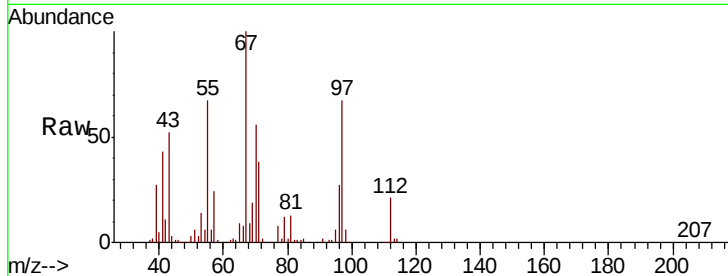




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.433 ug/l
 RT: 8.24 min Scan# 1174
 Delta R.T. -0.05 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

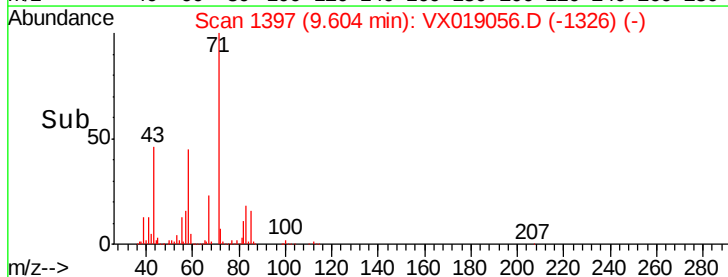
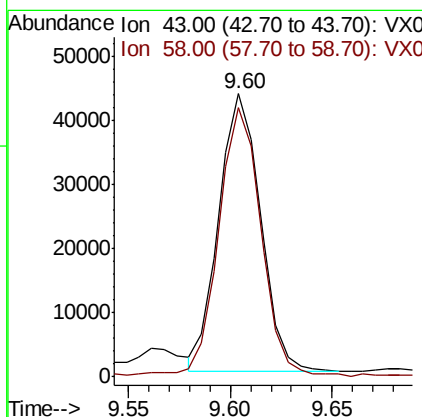
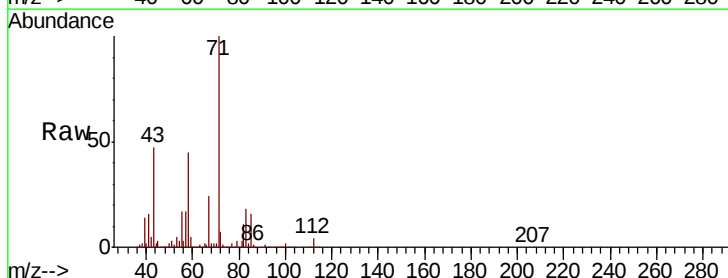
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

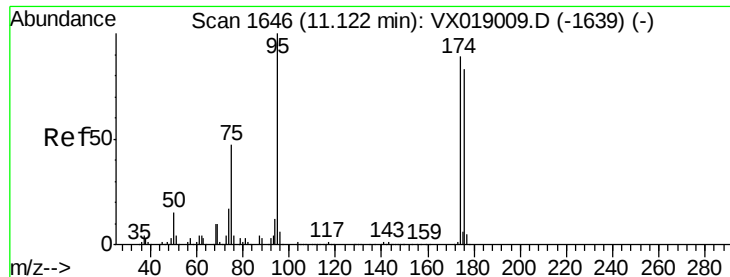
Tot Ion: 63 Resp: 1210
 Ion Ratio Lower Upper
 63 100
 106 0.0 26.0 39.0#



#59
 2-Hexanone
 Concen: 20.850 ug/l
 RT: 9.60 min Scan# 1397
 Delta R.T. 0.13 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

Tgt Ion: 43 Resp: 61764
 Ion Ratio Lower Upper
 43 100
 58 98.0 32.8 98.4





#62

4-Bromofluorobenzene

Concen: 59.122 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampled :

MW-1

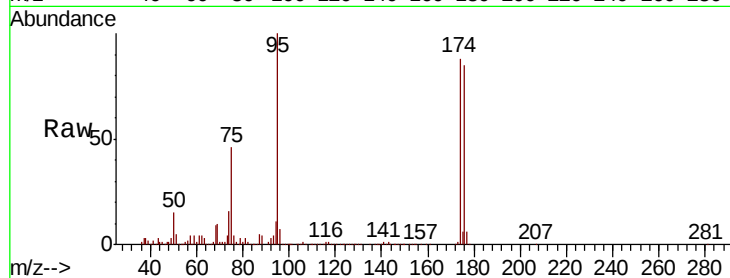
Tot Ion: 95 Resp: 264263

Ion Ratio Lower Upper

95 100

174 85.7 0.0 167.6

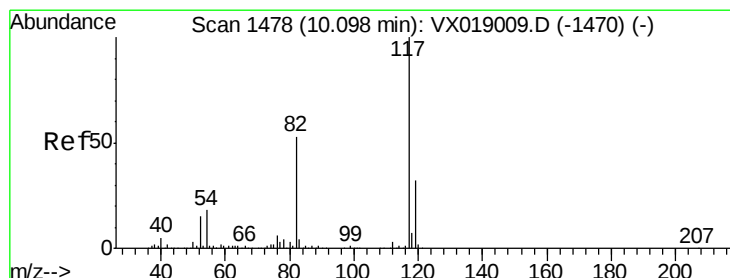
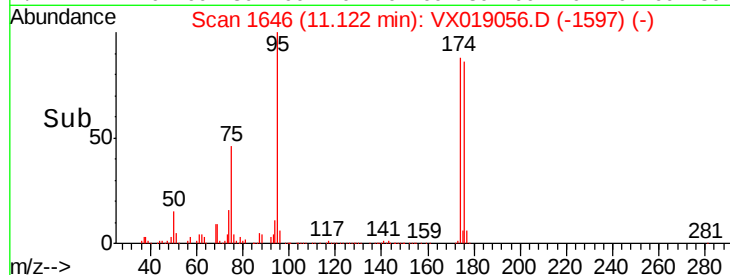
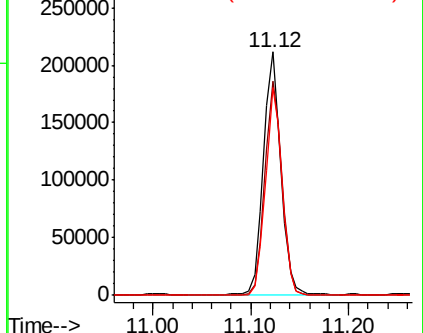
176 80.9 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX019009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019009.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

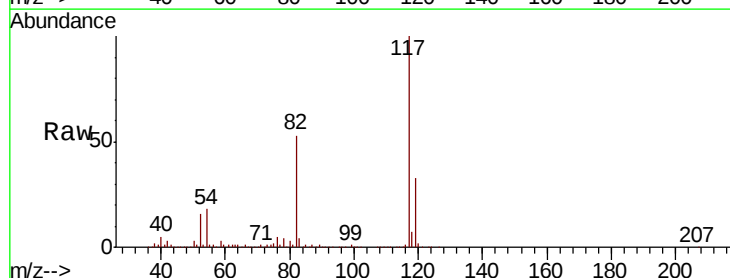
Tgt Ion: 117 Resp: 536303

Ion Ratio Lower Upper

117 100

82 52.7 42.4 63.6

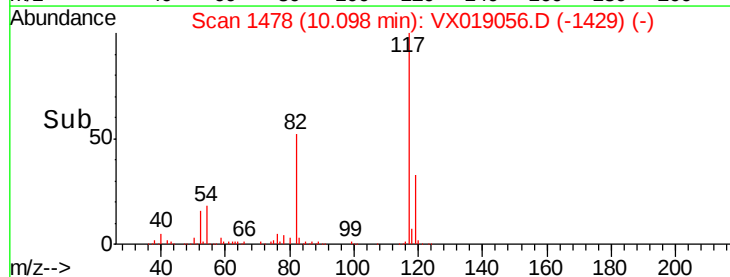
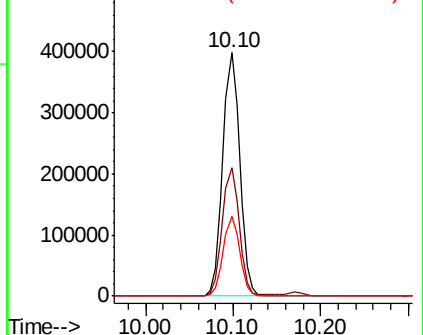
119 33.0 25.6 38.4

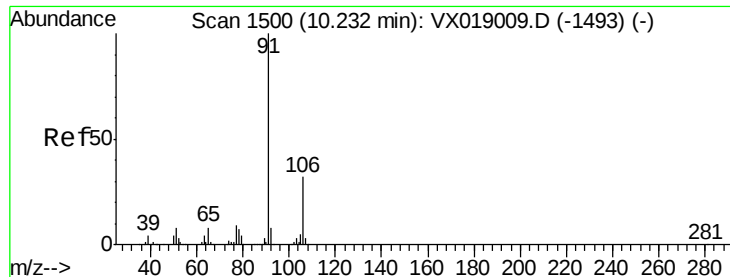


Abundance Ion 116.90 (116.60 to 117.60): VX019009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019009.D (-1470) (-)





#67

Ethyl Benzene

Concen: 1003.871 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

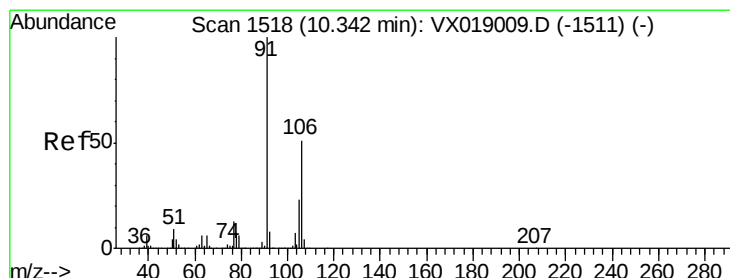
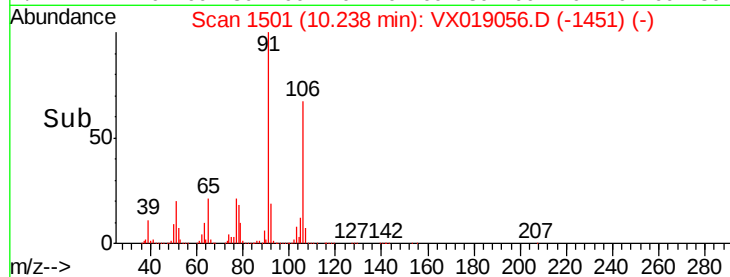
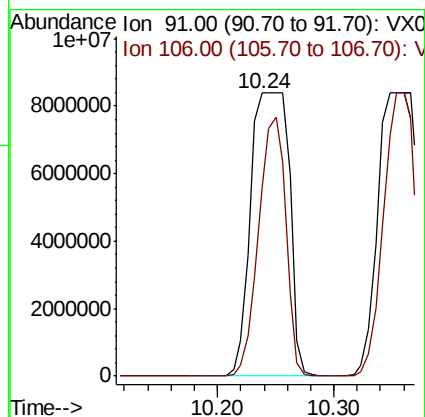
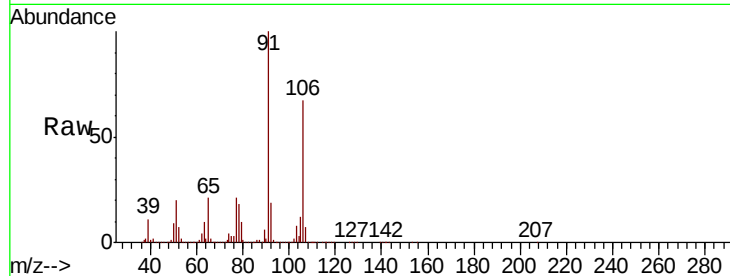
MW-1

Tot Ion: 91 Resp:19466170

Ion Ratio Lower Upper

91 100

106 66.8 25.3 37.9#



#68

m/p-Xylenes

Concen: 2099.723 ug/l

RT: 10.35 min Scan# 1520

Delta R.T. 0.01 min

Lab File: VX019056.D

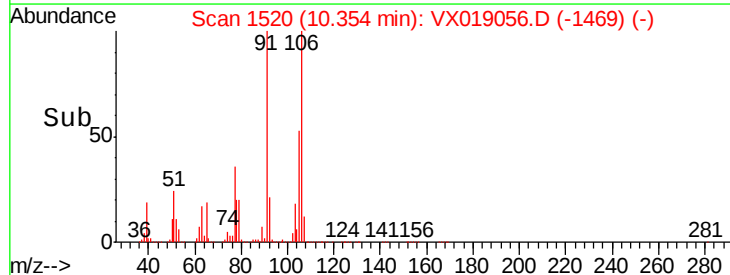
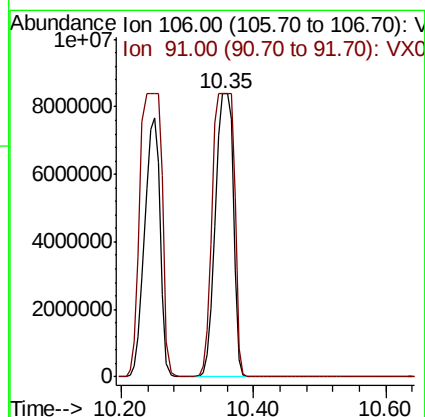
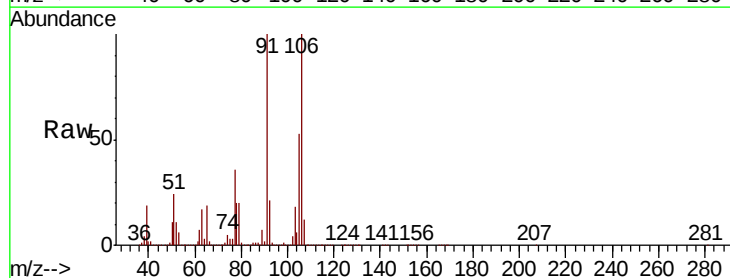
Acq: 23 Oct 2020 03:12

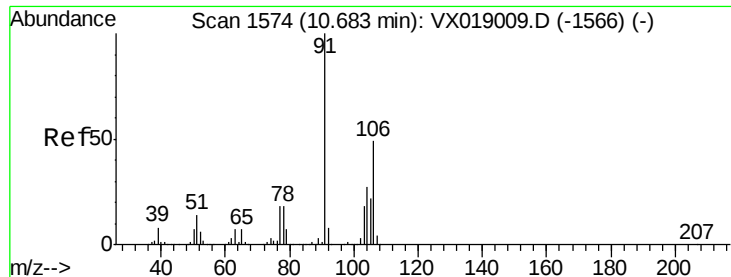
Tgt Ion:106 Resp:15596849

Ion Ratio Lower Upper

106 100

91 124.5 156.9 235.3#

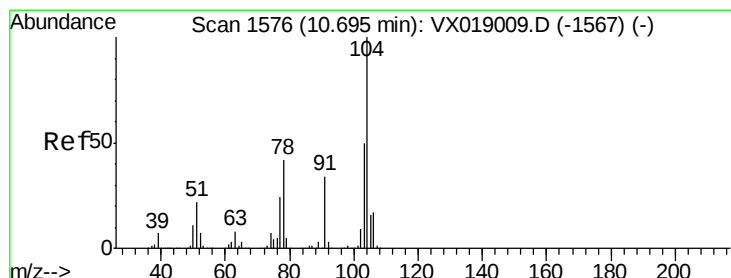
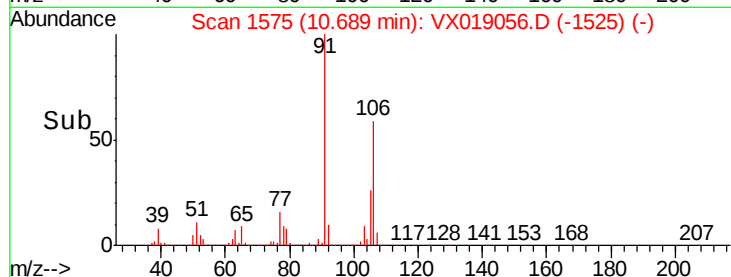
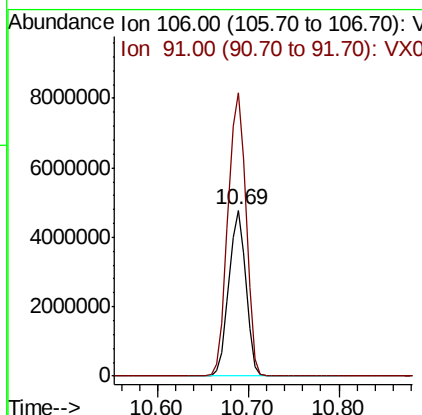
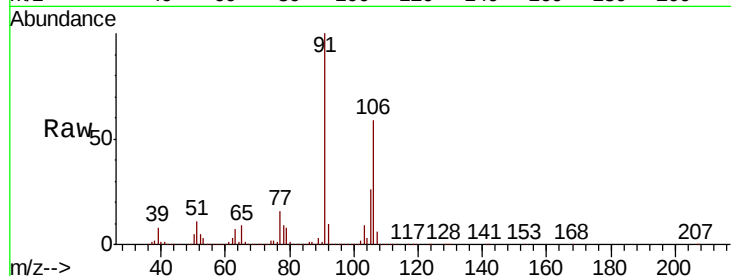




#69
o-Xylene
Concen: 875.144 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

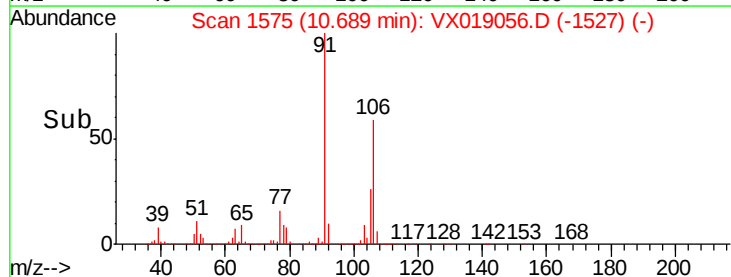
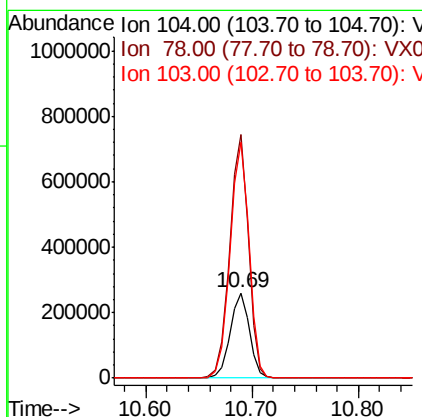
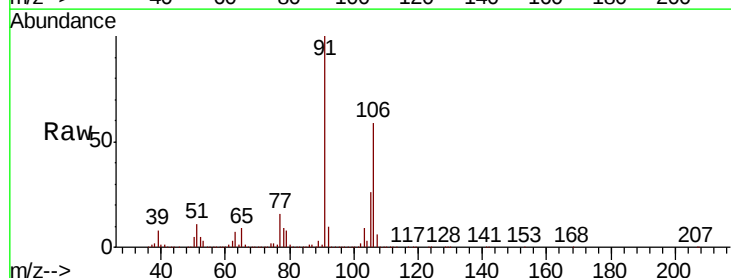
Instrument :
MSVOA_X
ClientSampled :
MW-1

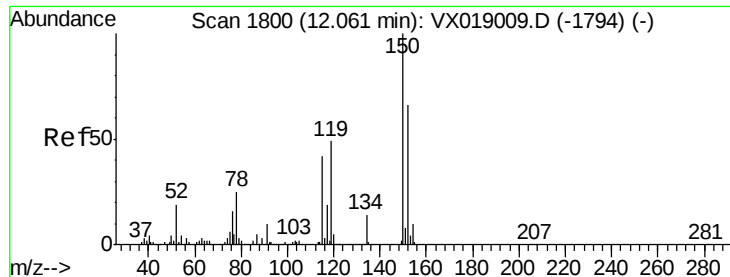
Tot Ion:106 Resp: 6221542
Ion Ratio Lower Upper
106 100
91 182.0 104.0 312.0



#70
Styrene
Concen: 27.358 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

Tgt Ion:104 Resp: 330204
Ion Ratio Lower Upper
104 100
78 278.4 37.7 56.5#
103 274.0 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: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

MW-1

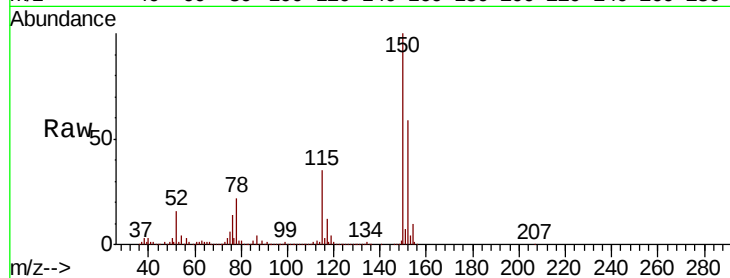
Tot Ion:152 Resp: 294993

Ion Ratio Lower Upper

152 100

115 57.1 40.8 122.5

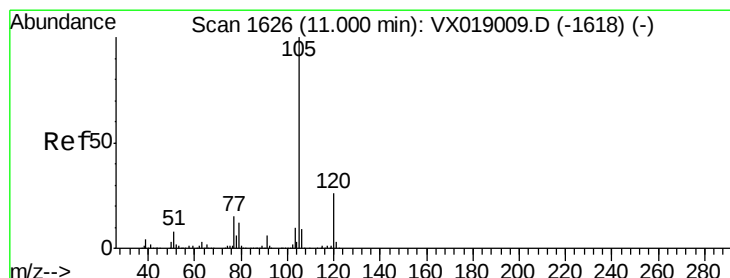
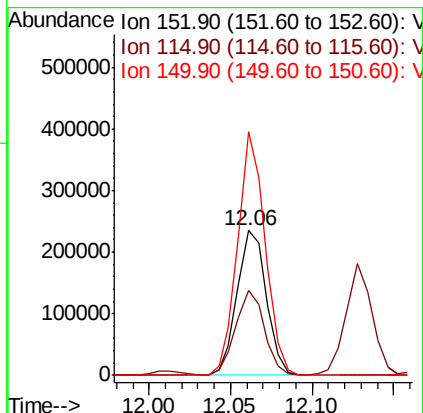
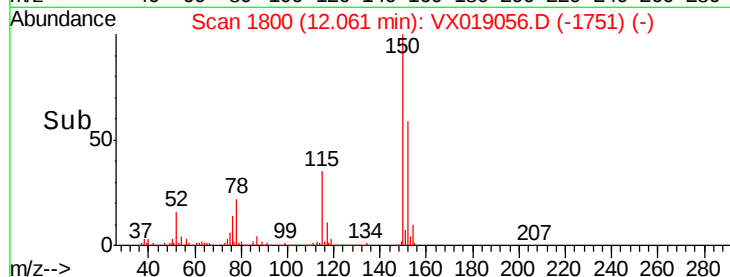
150 157.6 0.0 345.6



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: 315.087 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX019056.D

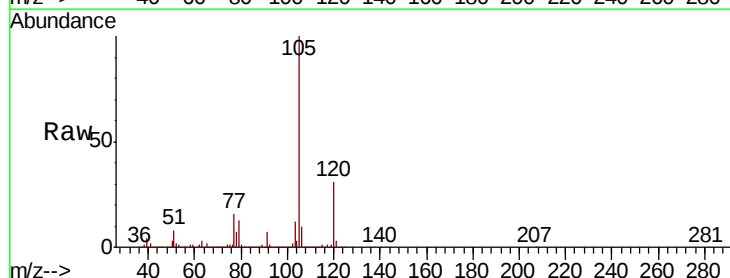
Acq: 23 Oct 2020 03:12

Tgt Ion:105 Resp: 6686494

Ion Ratio Lower Upper

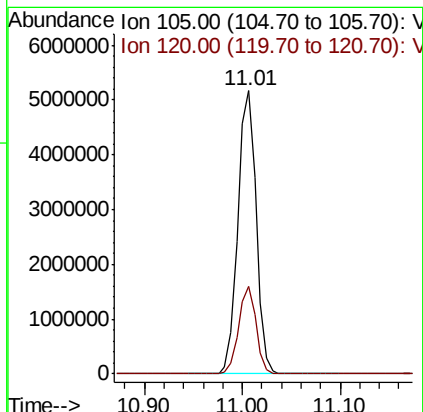
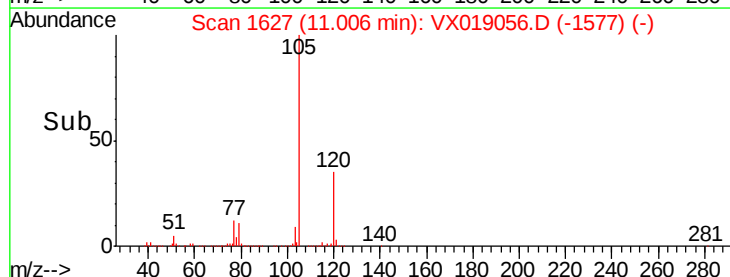
105 100

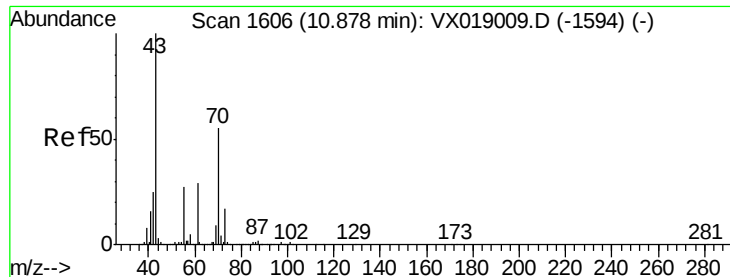
120 29.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.838 ug/l

RT: 10.89 min Scan# 1608

Delta R.T. 0.01 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

MW-1

Tot Ion: 43 Resp: 5700

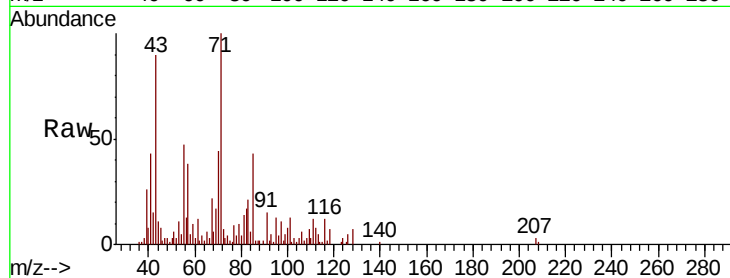
Ion Ratio Lower Upper

43 100

70 168.7 44.5 66.7#

55 101.1 21.9 32.9#

61 0.0 23.9 35.9#

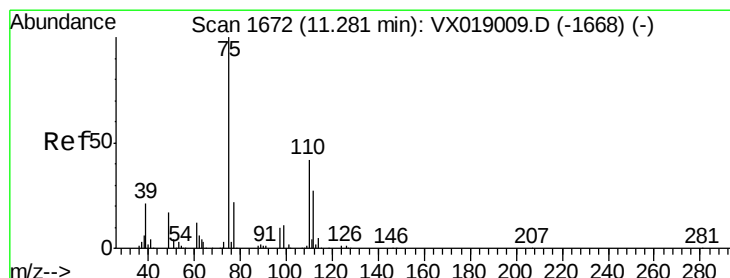
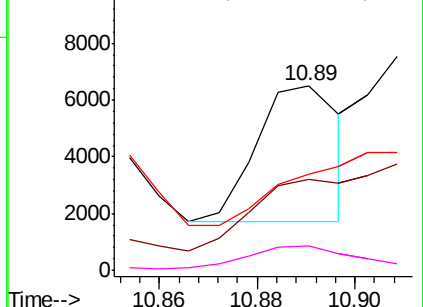
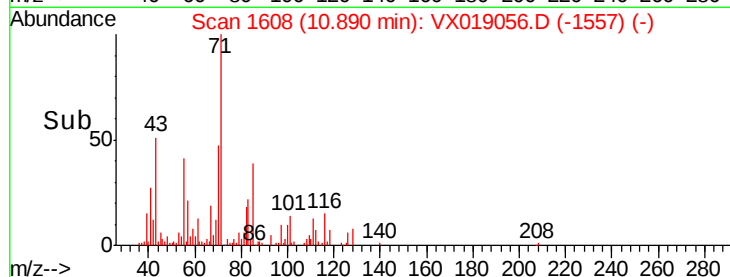


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 8.728 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.07 min

Lab File: VX019056.D

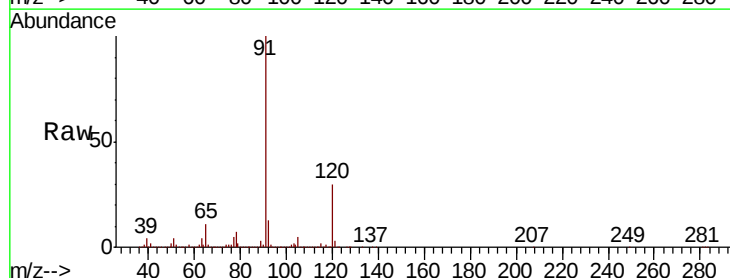
Acq: 23 Oct 2020 03:12

Tgt Ion: 75 Resp: 51458

Ion Ratio Lower Upper

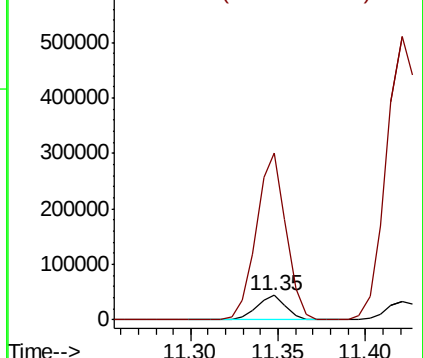
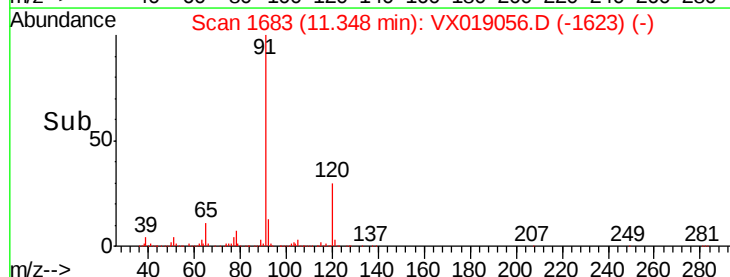
75 100

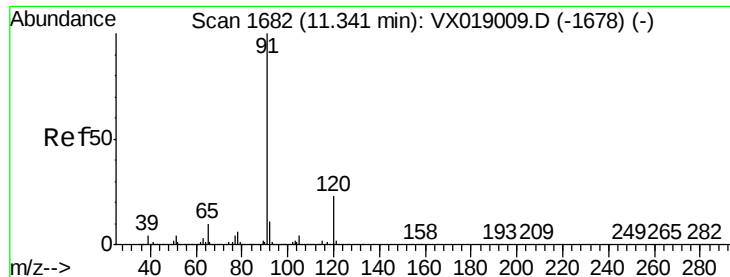
77 685.5 20.7 62.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 348.628 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

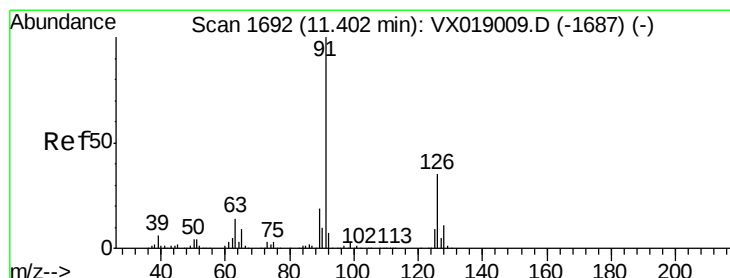
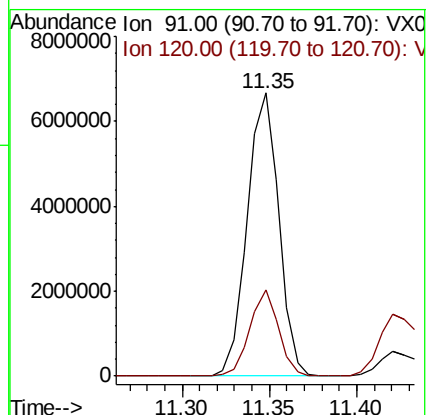
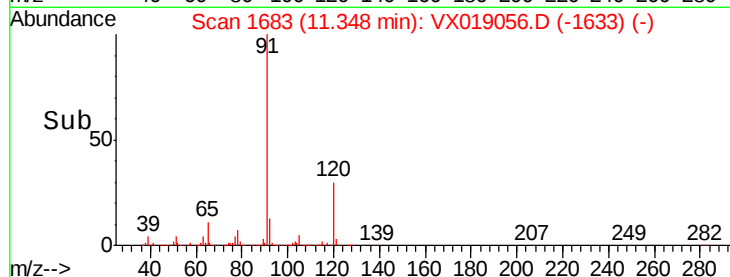
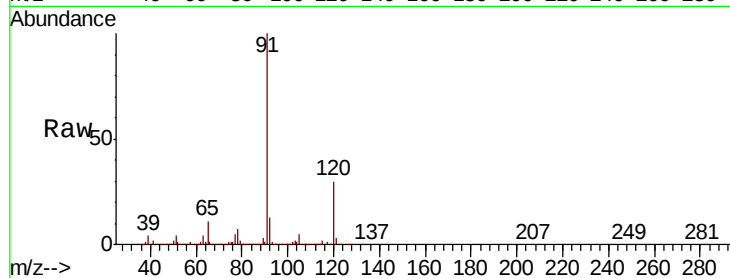
MW-1

Tot Ion: 91 Resp: 8383206

Ion Ratio Lower Upper

91 100

120 27.6 12.1 36.3



#79

2-Chlorotoluene

Concen: 82.150 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX019056.D

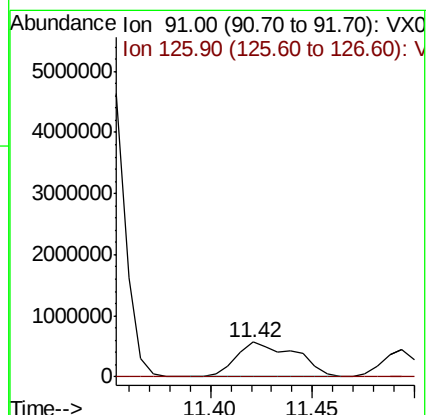
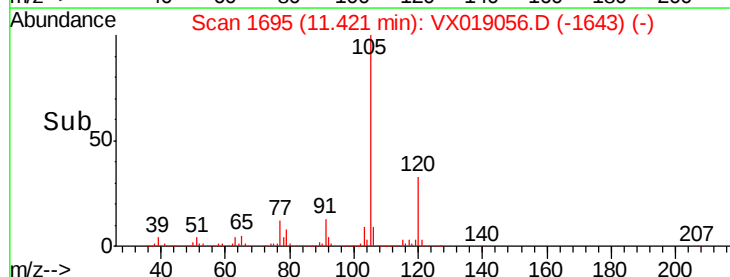
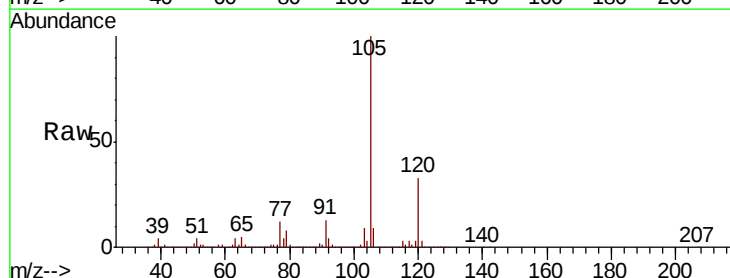
Acq: 23 Oct 2020 03:12

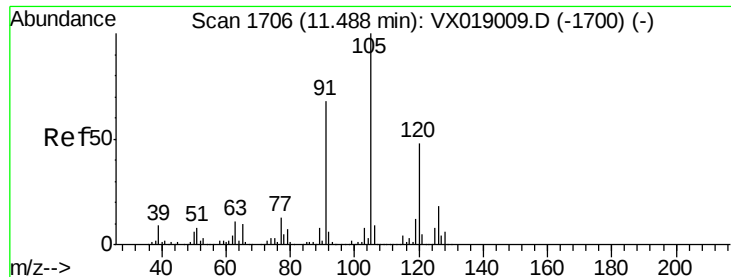
Tgt Ion: 91 Resp: 1152421

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#

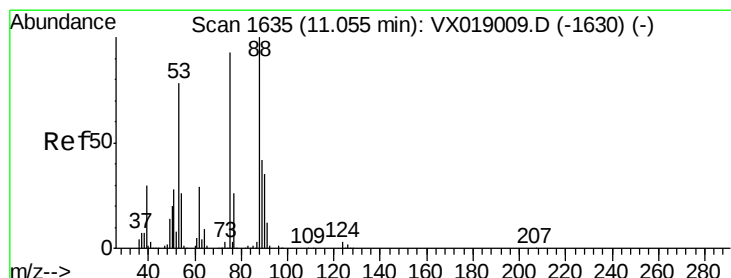
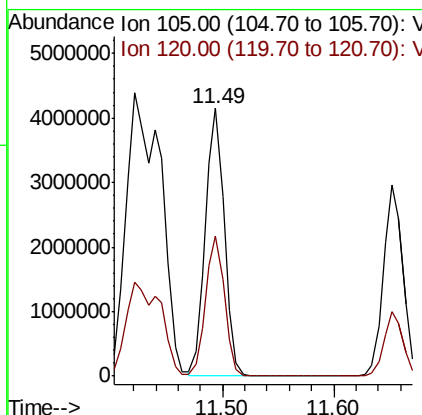
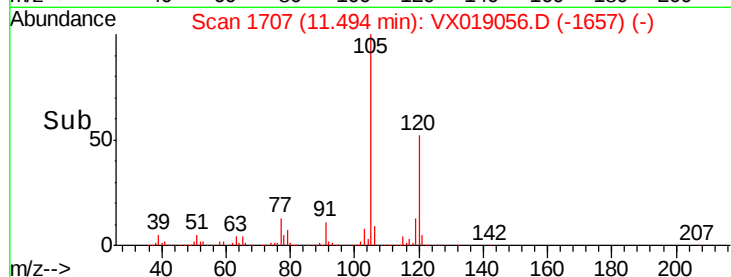
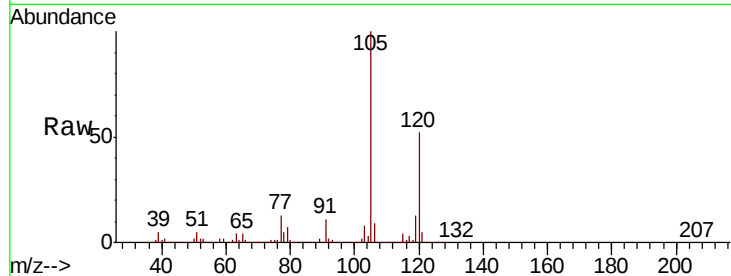




#80
 1,3,5-Trimethylbenzene
 Concen: 280.445 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

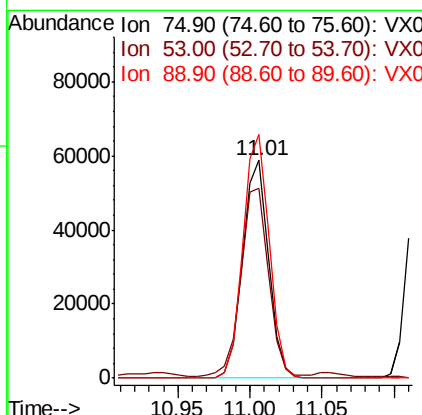
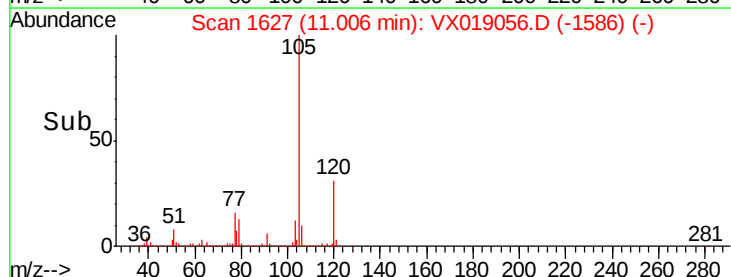
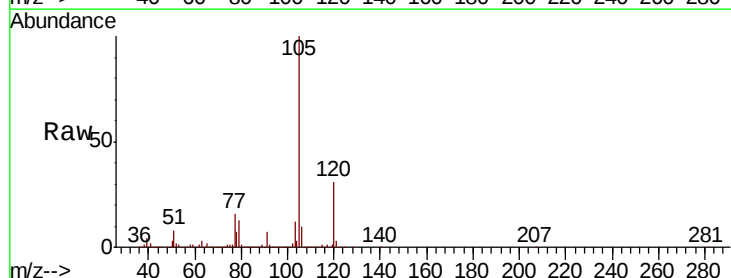
Instrument :
 MSVOA_X
 ClientSampled :
 MW-1

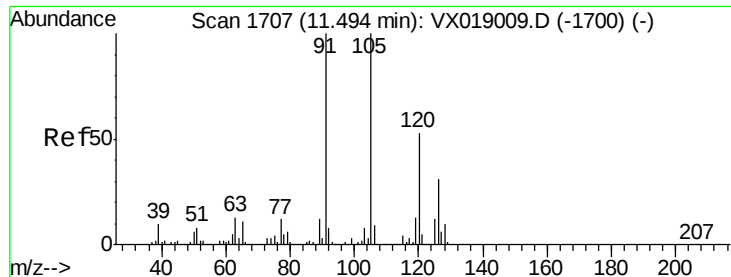
Tot Ion:105 Resp: 4914566
 Ion Ratio Lower Upper
 105 100
 120 52.3 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 31.610 ug/l
 RT: 11.01 min Scan# 1627
 Delta R.T. -0.05 min
 Lab File: VX019056.D
 Acq: 23 Oct 2020 03:12

Tgt Ion: 75 Resp: 73151
 Ion Ratio Lower Upper
 75 100
 53 91.9 67.4 101.2
 89 113.1 37.2 55.8#

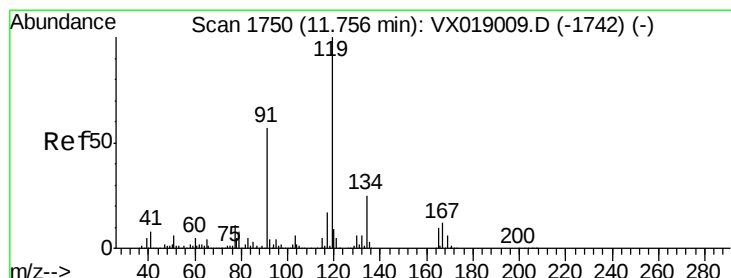
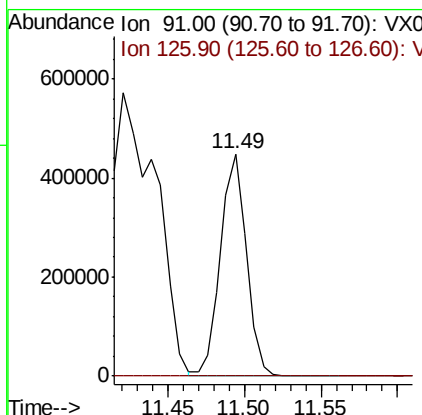
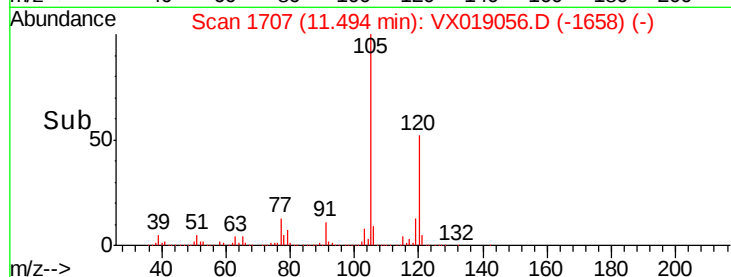
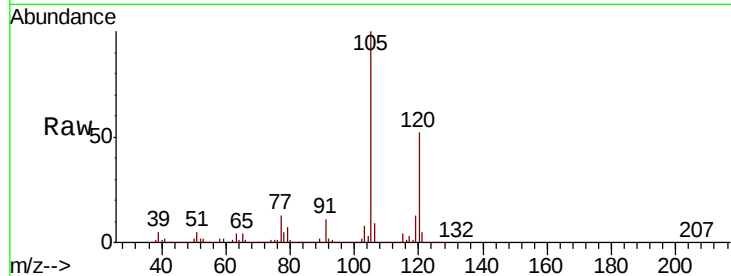




#82
4-Chlorotoluene
Concen: 31.501 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

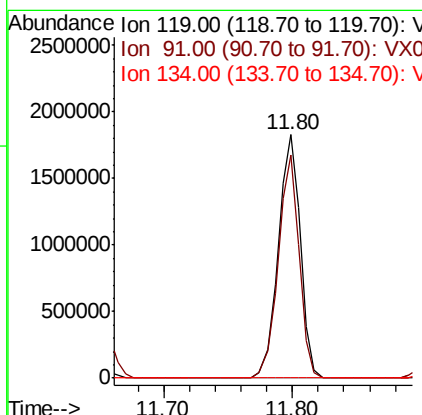
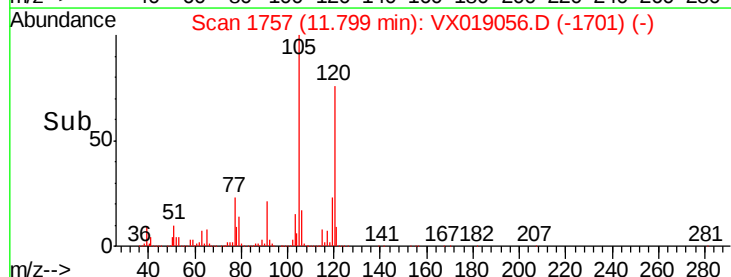
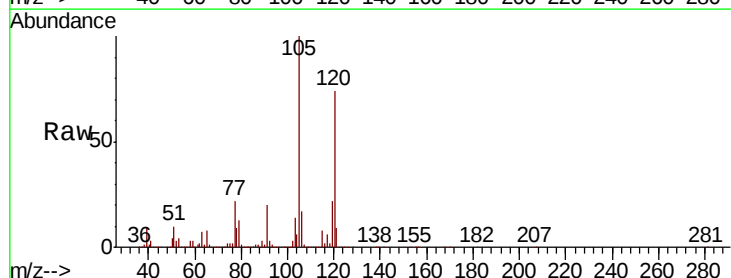
Instrument :
MSVOA_X
ClientSampleId :
MW-1

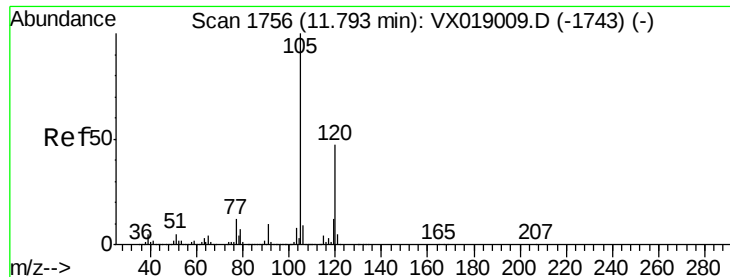
Tot Ion: 91 Resp: 525807
Ion Ratio Lower Upper
91 100
126 0.1 15.6 46.7#



#83
tert-Butylbenzene
Concen: 127.613 ug/l
RT: 11.80 min Scan# 1757
Delta R.T. 0.04 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

Tgt Ion: 119 Resp: 2203003
Ion Ratio Lower Upper
119 100
91 87.2 28.1 84.4#
134 0.0 11.8 35.3#





#84

1,2,4-Trimethylbenzene

Concen: 736.310 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

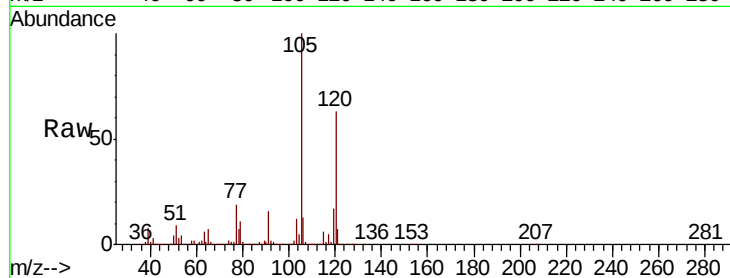
MW-1

Tot Ion:105 Resp:12920529

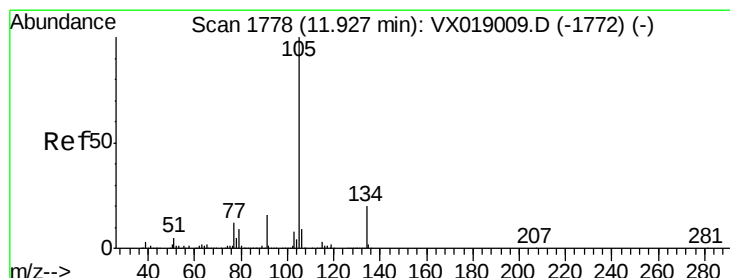
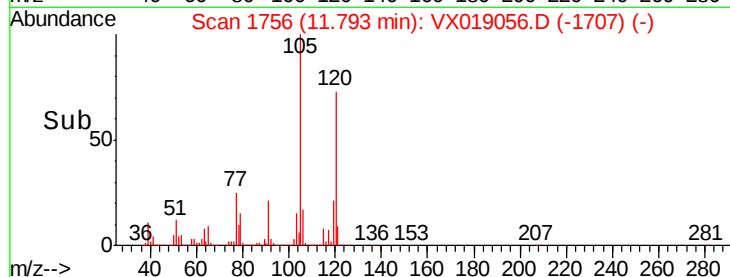
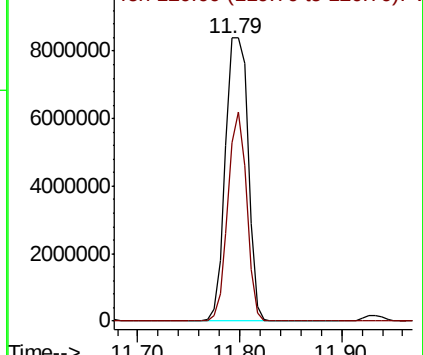
Ion Ratio Lower Upper

105 100

120 60.8 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: 618.497 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.13 min

Lab File: VX019056.D

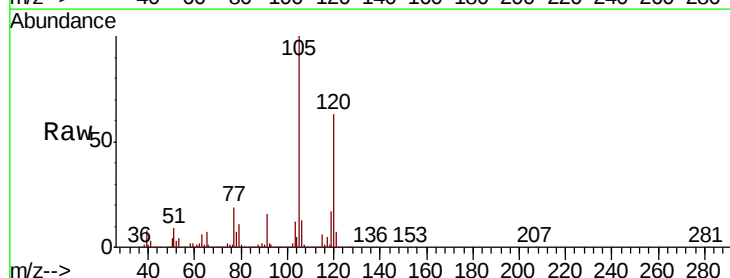
Acq: 23 Oct 2020 03:12

Tgt Ion:105 Resp:12920529

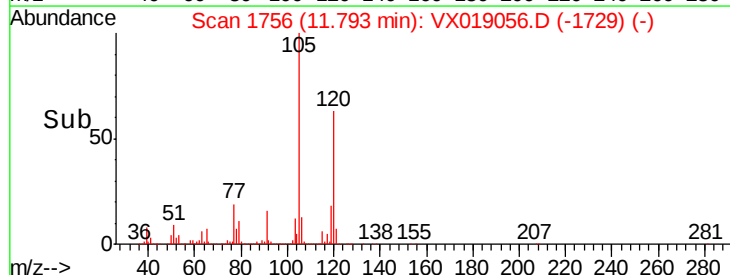
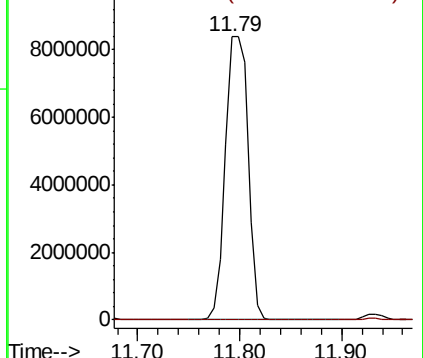
Ion Ratio Lower Upper

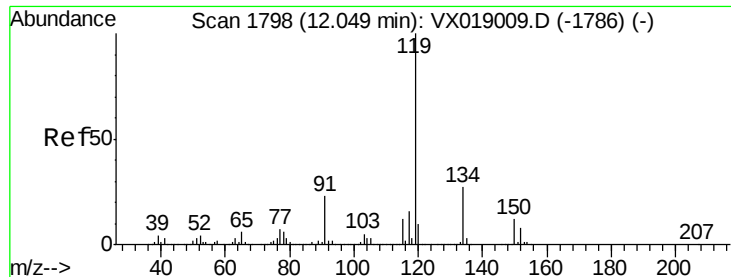
105 100

134 0.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

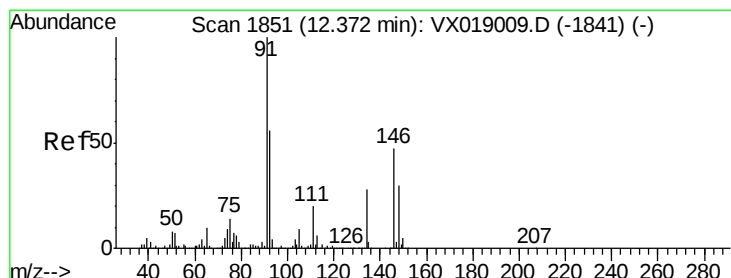
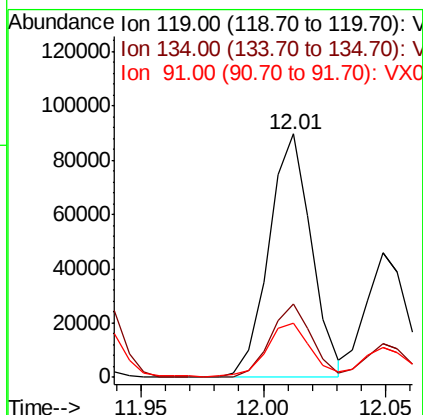
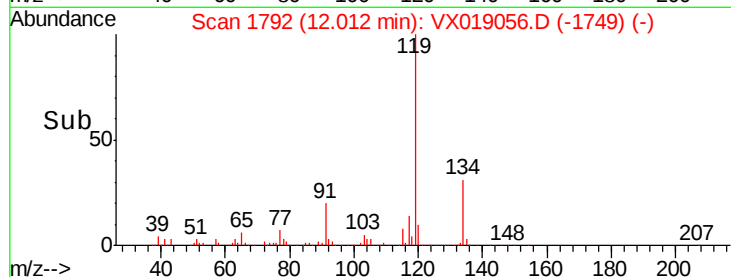
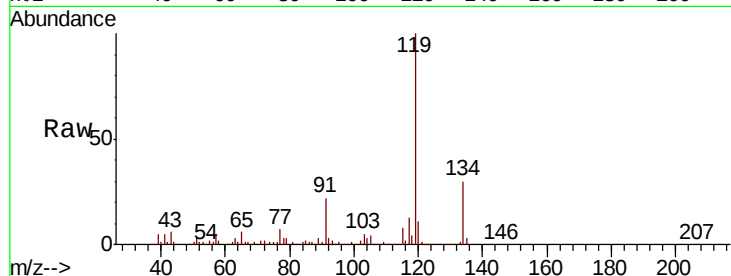




#86
p-Isopropyltoluene
Concen: 5.694 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.04 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

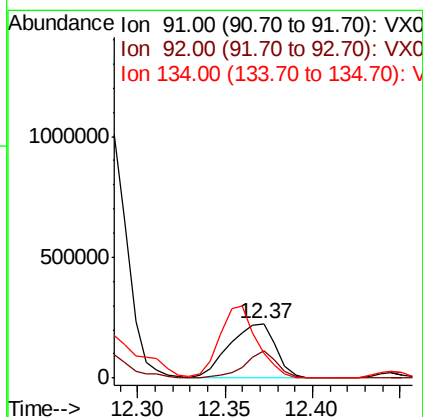
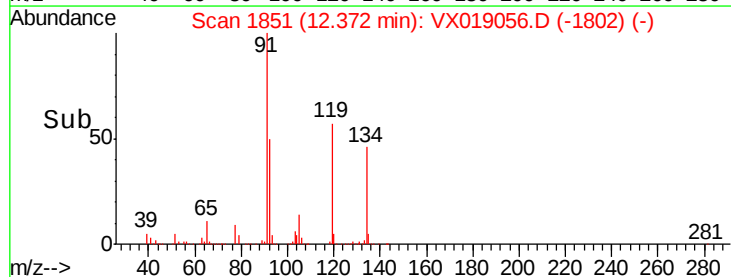
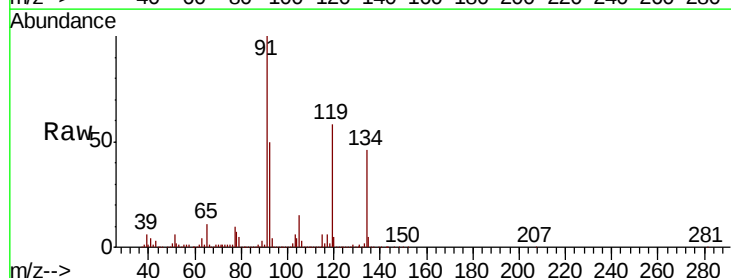
Instrument :
MSVOA_X
ClientSampled :
MW-1

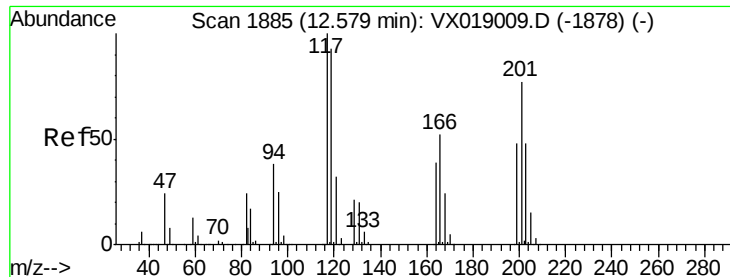
Tot Ion:119 Resp: 108691
Ion Ratio Lower Upper
119 100
134 29.2 13.3 39.8
91 0.0 11.4 34.2#



#89
n-Butylbenzene
Concen: 23.583 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

Tgt Ion: 91 Resp: 412047
Ion Ratio Lower Upper
91 100
92 34.7 27.3 81.9
134 108.2 13.6 40.7#





#90

Hexachloroethane

Concen: 64.710 ug/l

RT: 12.65 min Scan# 1897

Delta R.T. 0.07 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

Instrument :

MSVOA_X

ClientSampled :

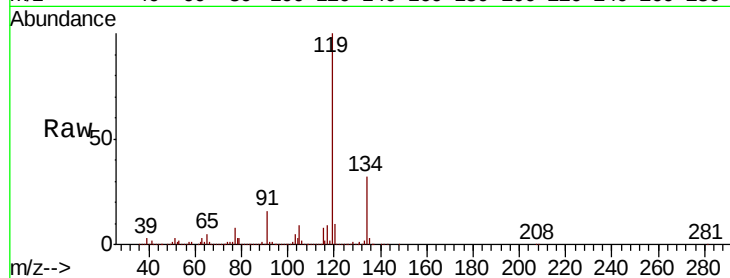
MW-1

Tot Ion:117 Resp: 189093

Ion Ratio Lower Upper

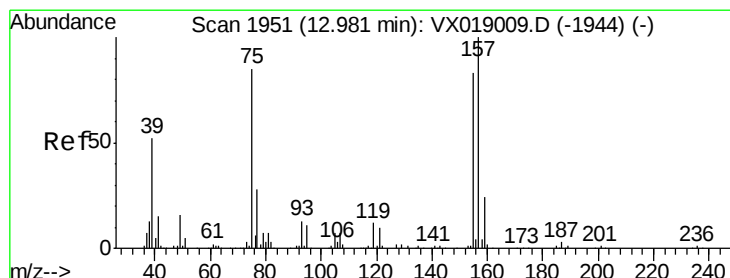
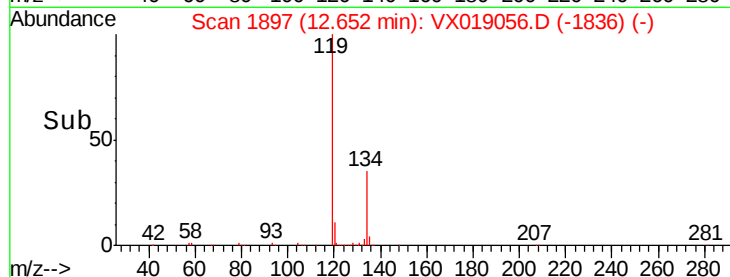
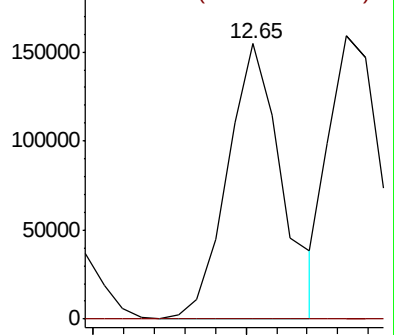
117 100

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: 4.616 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX019056.D

Acq: 23 Oct 2020 03:12

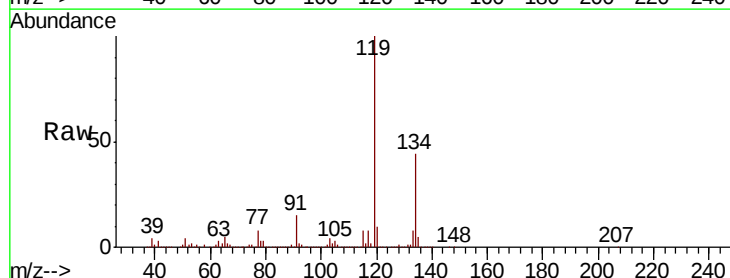
Tgt Ion: 75 Resp: 6719

Ion Ratio Lower Upper

75 100

155 0.0 47.3 142.0#

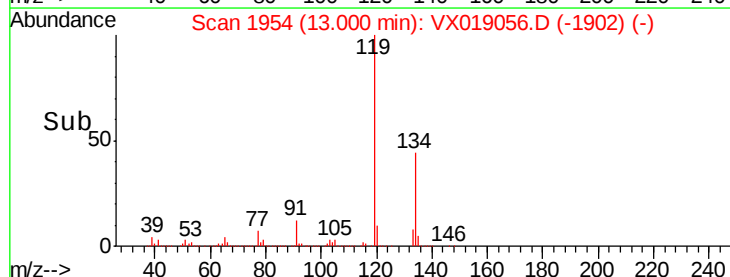
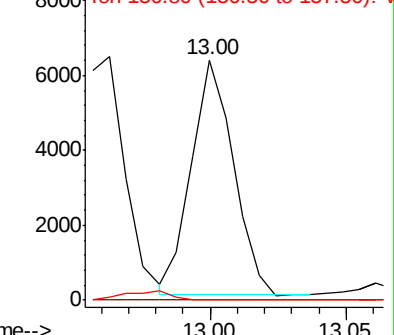
157 4.2 59.7 179.0#

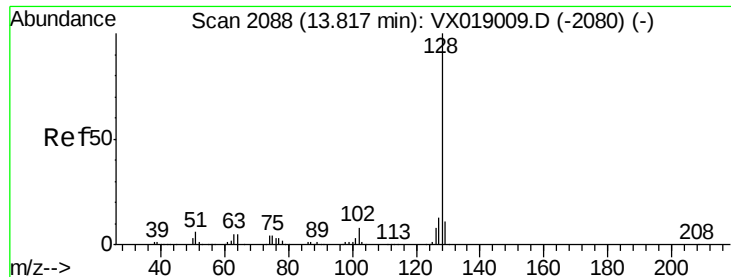


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

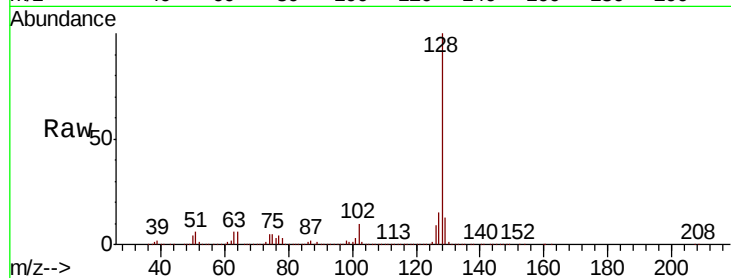




#95
Naphthalene
Concen: 394.232 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019056.D
Acq: 23 Oct 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion:128 Resp: 8318366
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 12.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

