

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015911.D
 Acq On : 23 Apr 2020 23:49
 Operator : JC/SP
 Sample : L2362-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31040

Quant Time: Apr 24 03:41:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	820350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1278234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1236449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	699174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	471260	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	5.47	113	373828	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.70	98	1541178	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.12	95	657014	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	3078	0.428	ug/l #	42
5) Bromomethane	1.65	94	1153	0.413	ug/l #	2
8) Diethyl Ether	2.17	74	3432	0.819	ug/l	62
11) Tert butyl alcohol	3.00	59	3821	2.004	ug/l #	80
13) Acrolein	2.23	56	305	0.270	ug/l #	1
14) Allyl chloride	2.70	41	3425	0.224	ug/l #	53
16) Acetone	2.42	43	75404	18.560	ug/l	96
17) Carbon Disulfide	2.56	76	17674	0.677	ug/l	98
18) Methyl Acetate	2.75	43	9493	0.708	ug/l #	73
20) Methylene Chloride	2.84	84	36726	4.453	ug/l	95
25) 2-Butanone	4.65	43	36557	5.693	ug/l #	86
29) Tetrahydrofuran	5.09	42	1934	0.455	ug/l #	35
31) Cyclohexane	5.63	56	14826	1.088	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	55073	4.860	ug/l #	54
38) Carbon Tetrachloride	5.63	117	75497	6.764	ug/l #	15
41) Methacrylonitrile	5.00	41	2034	0.271	ug/l #	66
43) Isopropyl Acetate	6.42	43	243254	10.693	ug/l	98
48) Methyl methacrylate	7.65	41	15519	1.387	ug/l #	20
49) 1,4-Dioxane	7.74	88	1494	7.064	ug/l #	12
51) 4-Methyl-2-Pentanone	8.59	43	235865	17.962	ug/l #	37
54) cis-1,3-Dichloropropene	8.59	75	89498	5.876	ug/l #	55
58) 2-Chloroethyl Vinyl ether	8.29	63	1527	0.211	ug/l #	28
59) 2-Hexanone	9.53	43	194180	19.412	ug/l #	51
67) Ethyl Benzene	10.23	91	25209	0.581	ug/l	98
68) m/p-Xylenes	10.34	106	31025	1.904	ug/l	93
69) o-Xylene	10.68	106	14865	0.927	ug/l	89
74) N-amyl acetate	10.81	43	13297	0.580	ug/l #	54
76) 1,2,3-Trichloropropane	11.12	75	328431	24.703	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	328431	59.423	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.79	105	9241	0.235	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	12.98	75	653	0.234	ug/l #	44
93) 1,2,4-Trichlorobenzene	13.63	180	4094	0.246	ug/l #	83
94) Hexachlorobutadiene	13.77	225	1789	0.240	ug/l	81
95) Naphthalene	13.82	128	13614	0.284	ug/l #	88

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

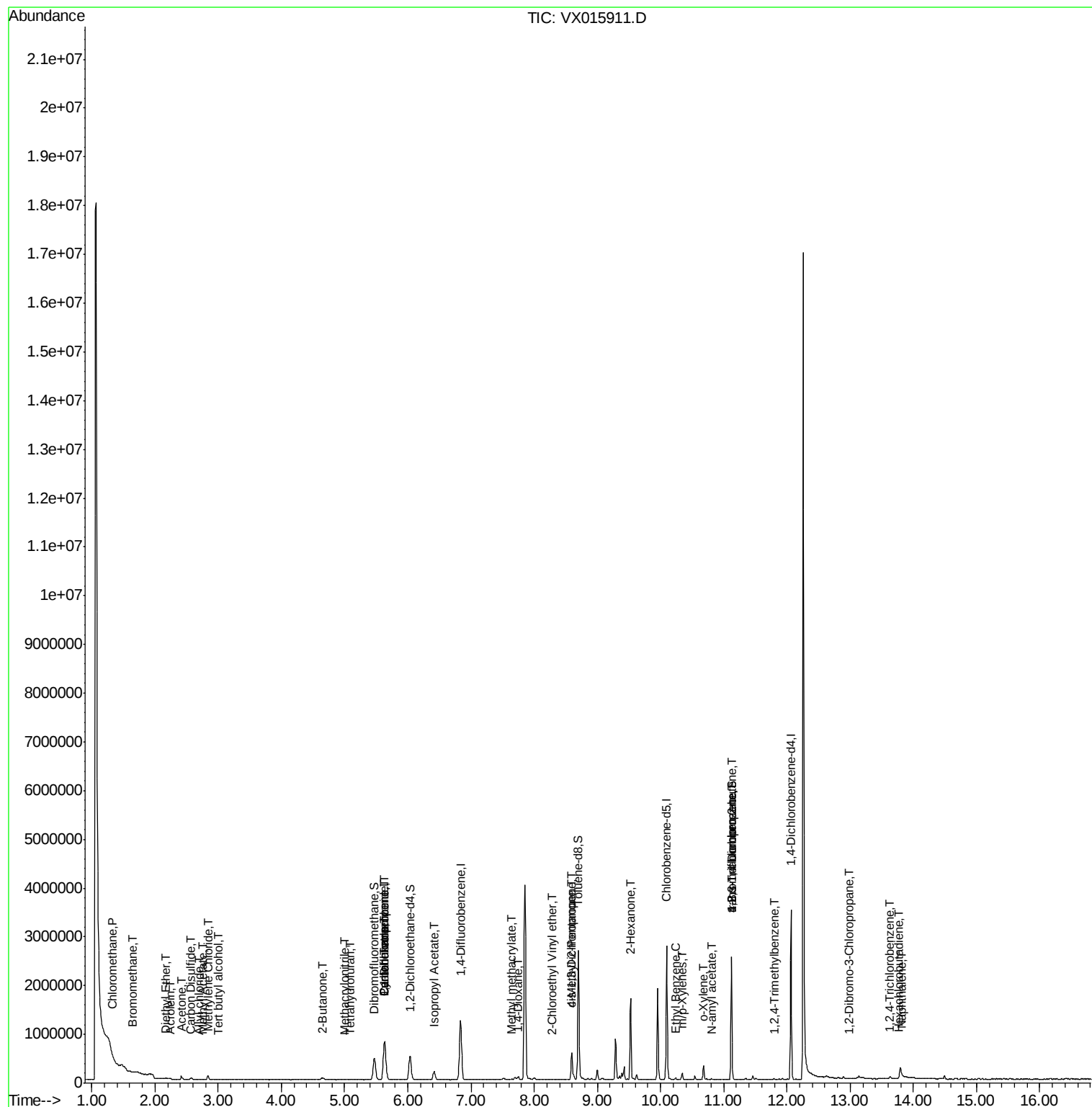
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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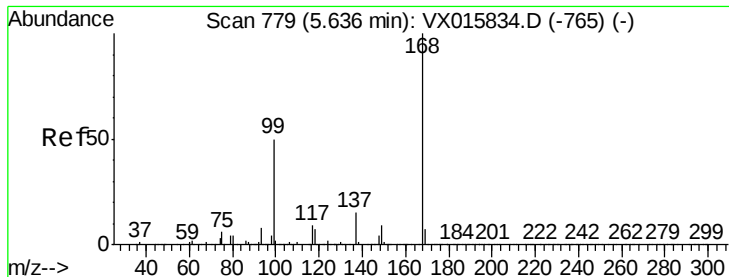
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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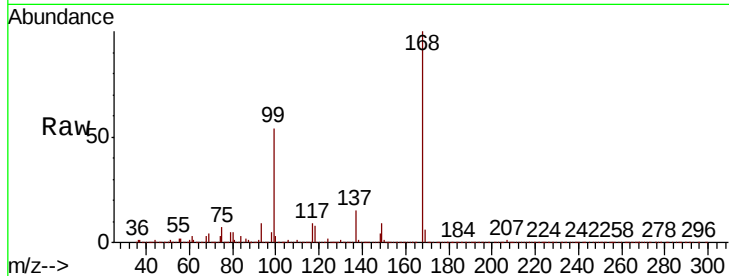


#1

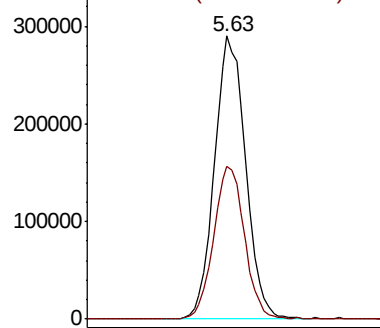
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: VX015911.D
 Acq: 23 Apr 2020 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 31040

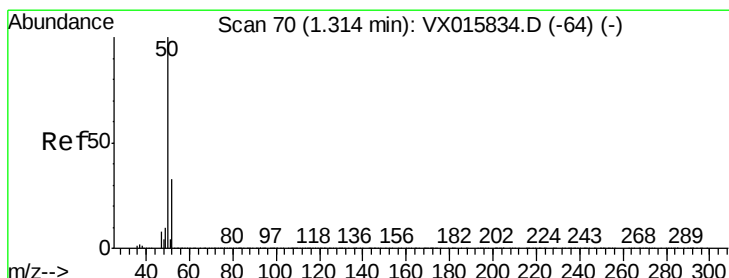
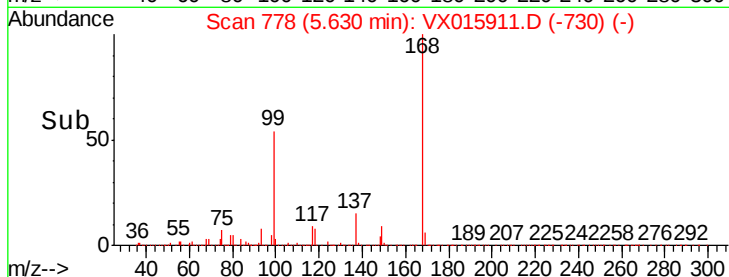
Tot Ion:168 Resp: 820350
 Ion Ratio Lower Upper
 168 100
 99 53.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



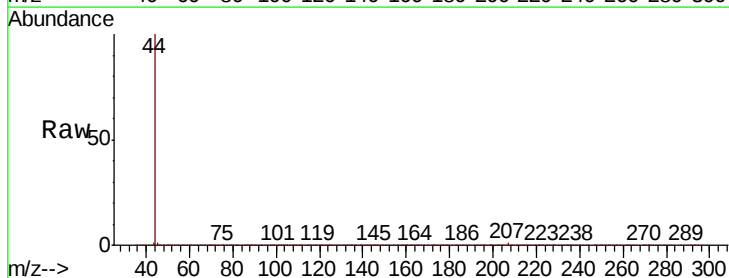
Time-->



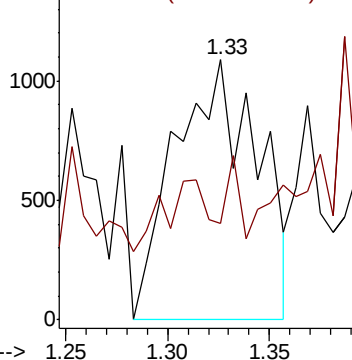
#3

Chloromethane
 Concen: 0.428 ug/l
 RT: 1.33 min Scan# 72
 Delta R.T. 0.01 min
 Lab File: VX015911.D
 Acq: 23 Apr 2020 23:49

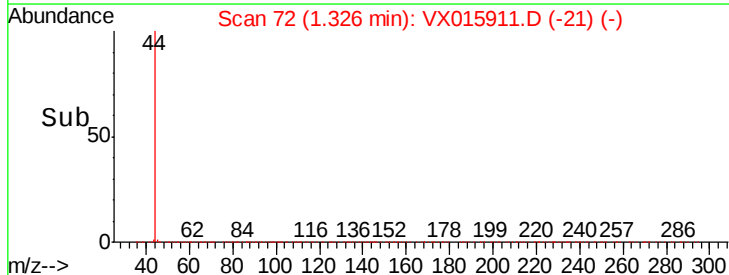
Tgt Ion: 50 Resp: 3078
 Ion Ratio Lower Upper
 50 100
 52 0.0 26.2 39.4#

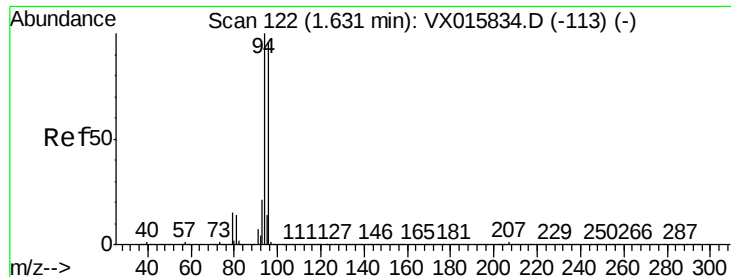


Abundance Ion 49.90 (49.60 to 50.60): VX0
 Ion 51.90 (51.60 to 52.60): VX0



Time-->





#5

Bromomethane

Concen: 0.413 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

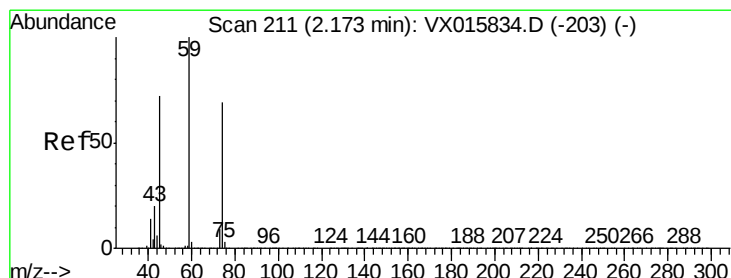
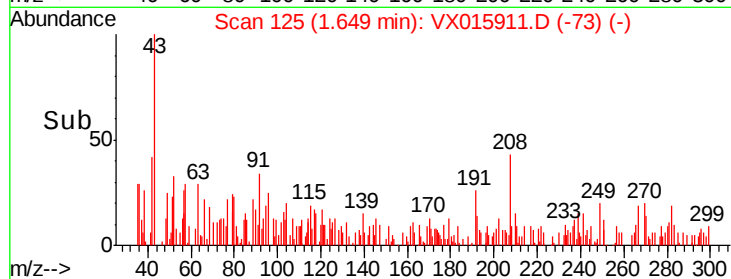
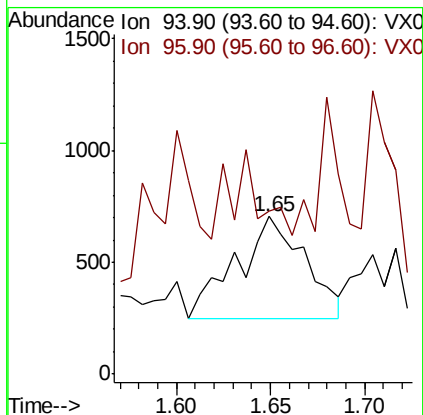
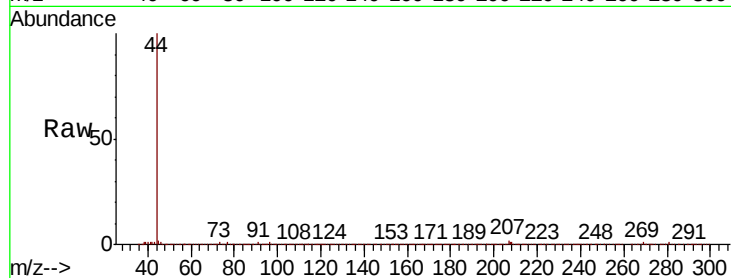
31040

Tot Ion: 94 Resp: 1153

Ion Ratio Lower Upper

94 100

96 0.0 76.7 115.1#



#8

Diethyl Ether

Concen: 0.819 ug/l

RT: 2.17 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX015911.D

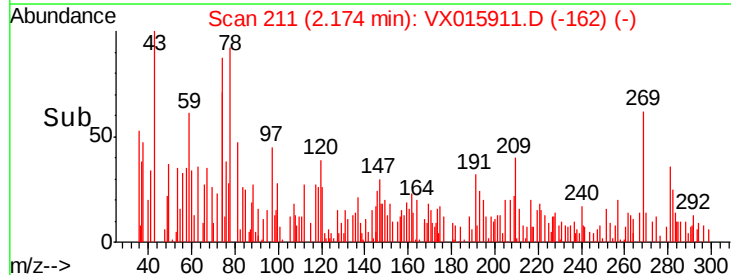
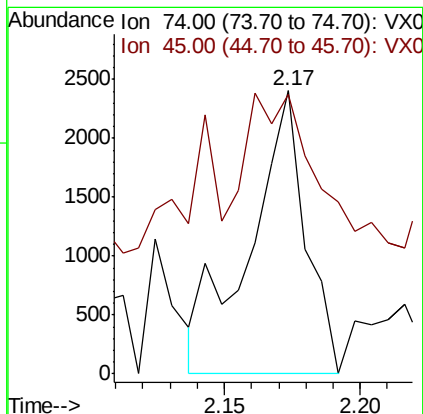
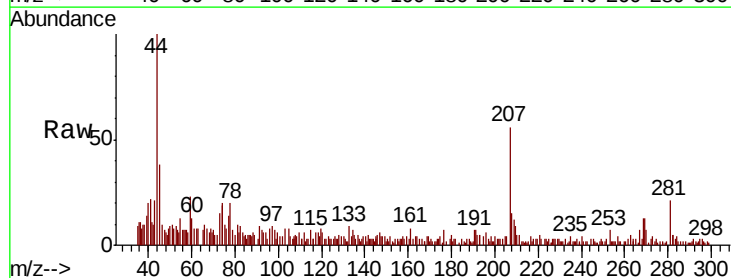
Acq: 23 Apr 2020 23:49

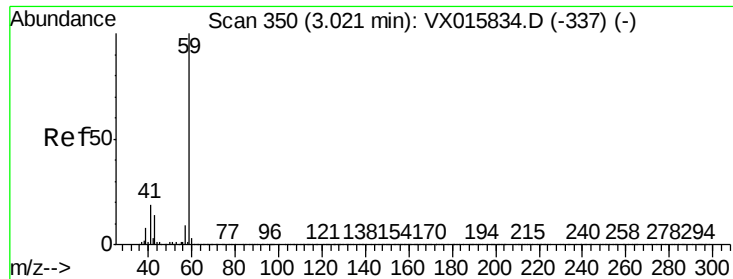
Tgt Ion: 74 Resp: 3432

Ion Ratio Lower Upper

74 100

45 68.4 53.8 161.4



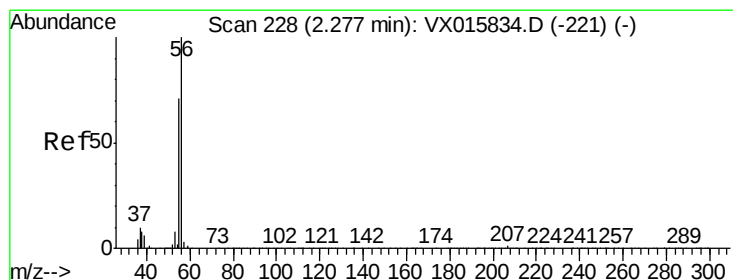
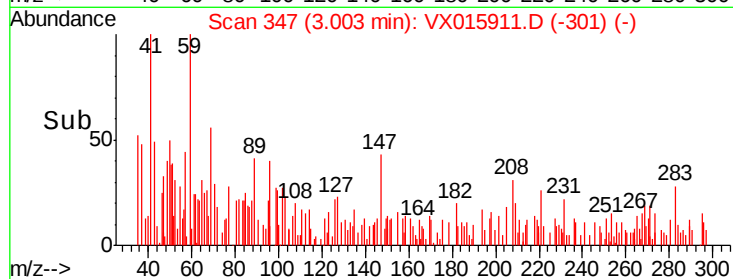
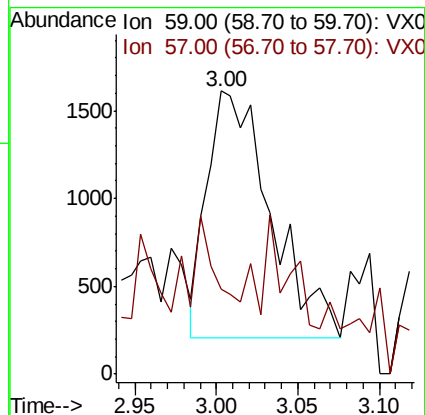
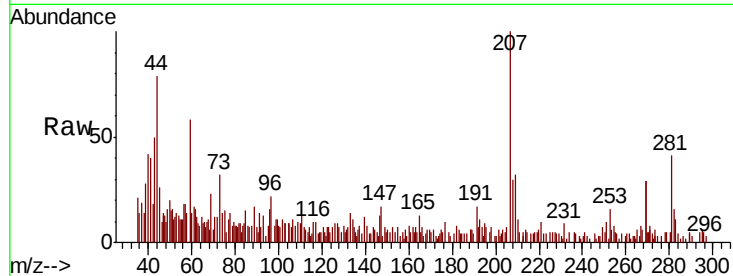


#11

Tert butvl alcohol
Concen: 2.004 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.02 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
31040

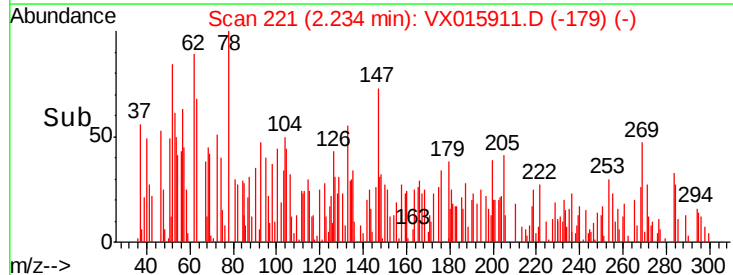
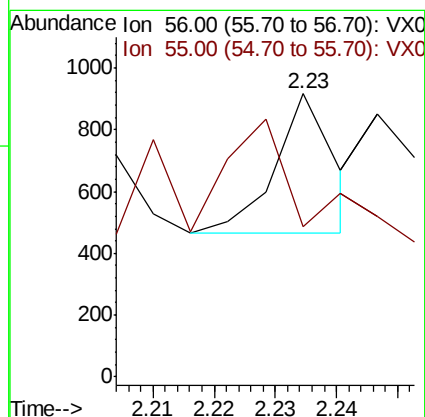
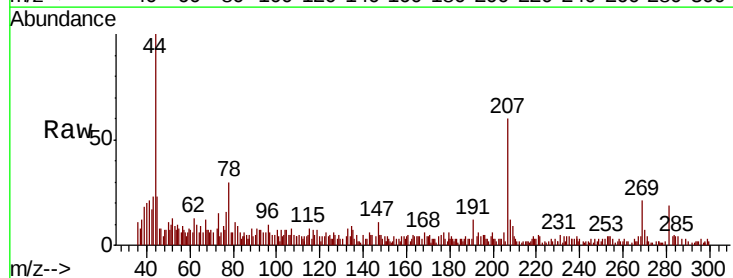
Tot Ion: 59 Resp: 3821
Ion Ratio Lower Upper
59 100
57 17.6 8.2 12.2#

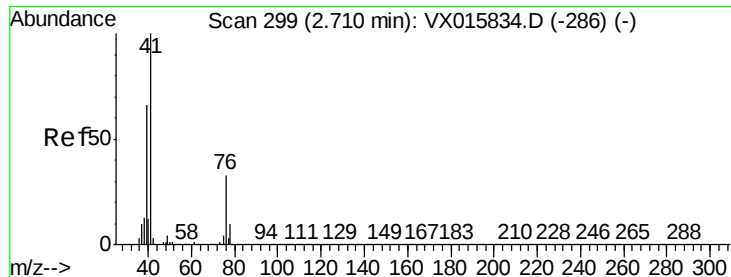


#13

Acrolein
Concen: 0.270 ug/l
RT: 2.23 min Scan# 221
Delta R.T. -0.04 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

Tgt Ion: 56 Resp: 305
Ion Ratio Lower Upper
56 100
55 176.7 56.1 84.1#





#14

Allvl chloride

Concen: 0.224 ug/l

RT: 2.70 min Scan# 297

Delta R.T. -0.01 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampled :

31040

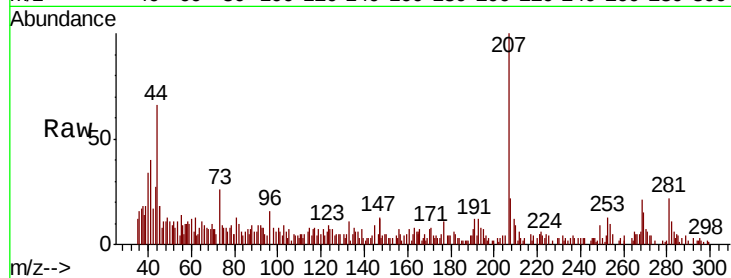
Tot Ion: 41 Resp: 3425

Ion Ratio Lower Upper

41 100

39 9.6 48.4 72.6#

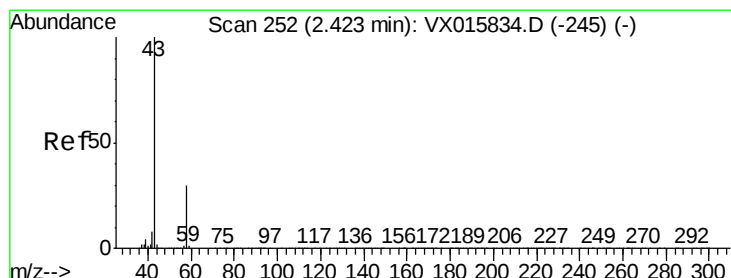
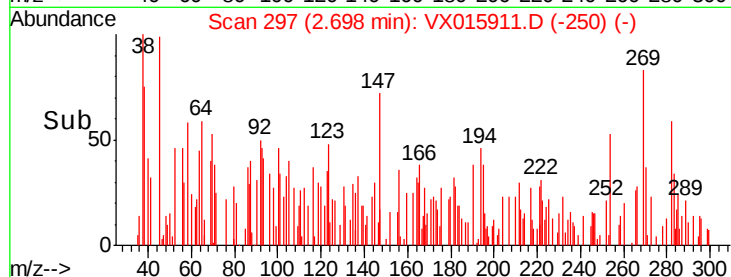
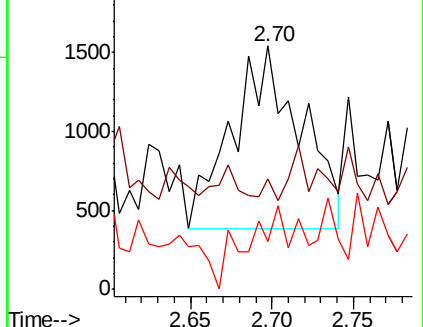
76 33.2 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 18.560 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015911.D

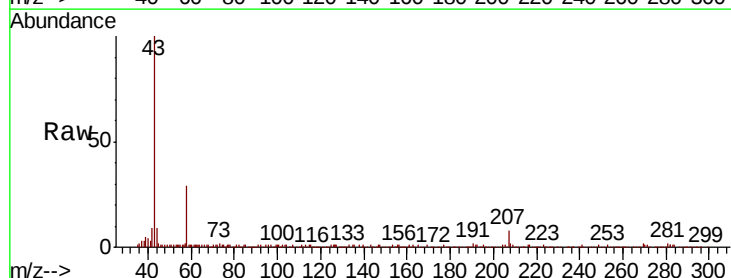
Acq: 23 Apr 2020 23:49

Tgt Ion: 43 Resp: 75404

Ion Ratio Lower Upper

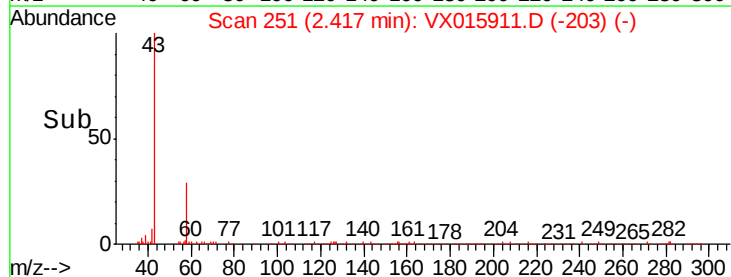
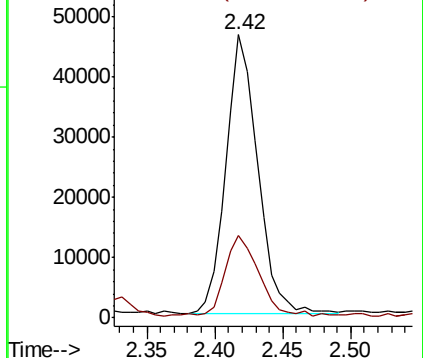
43 100

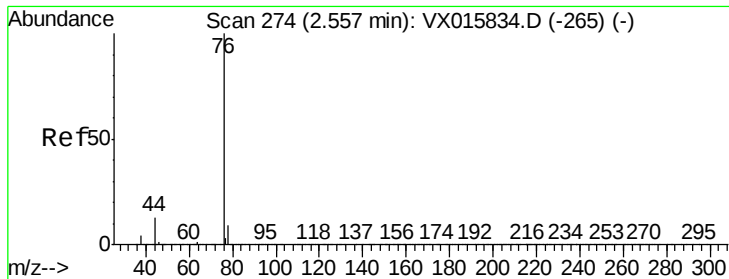
58 28.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

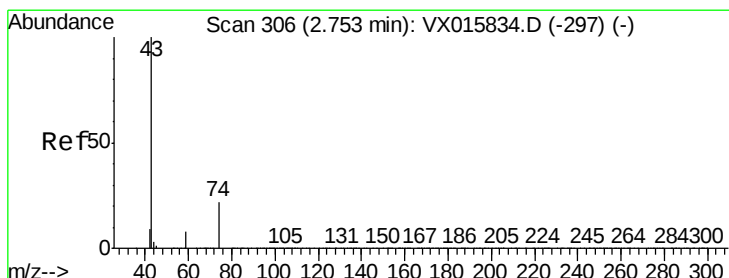
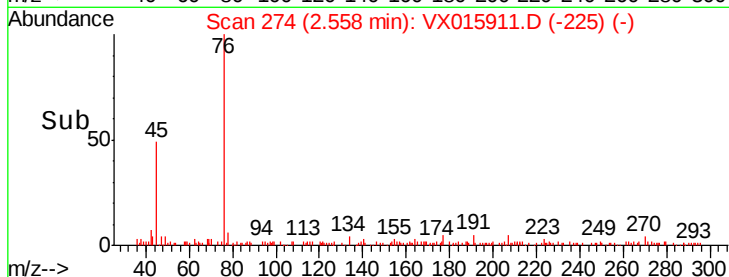
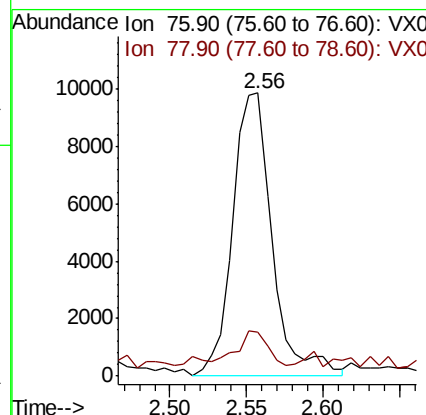
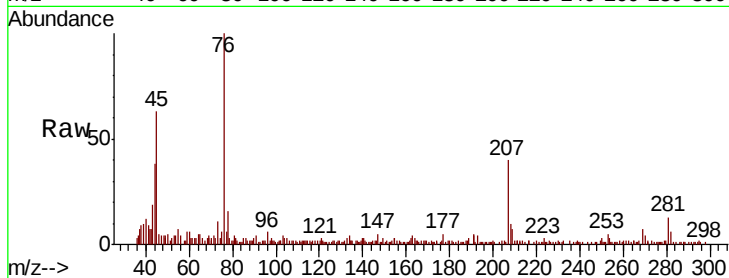




#17
Carbon Disulfide
Concen: 0.677 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

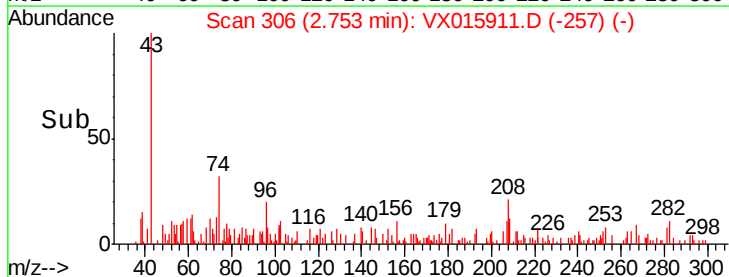
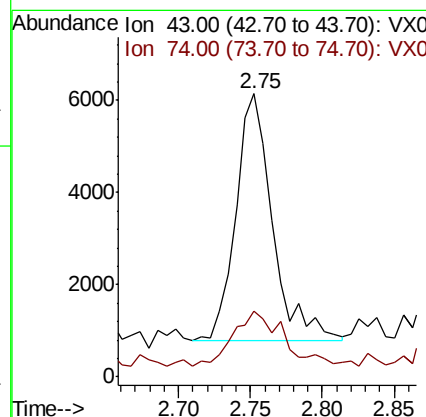
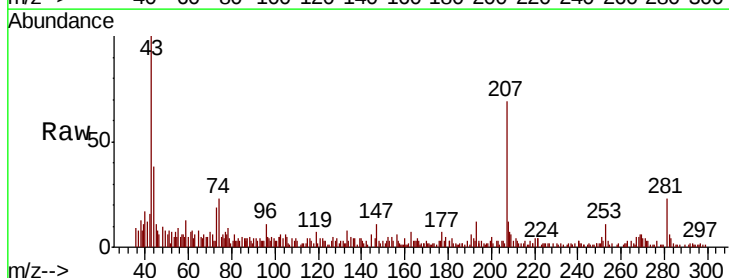
Instrument :
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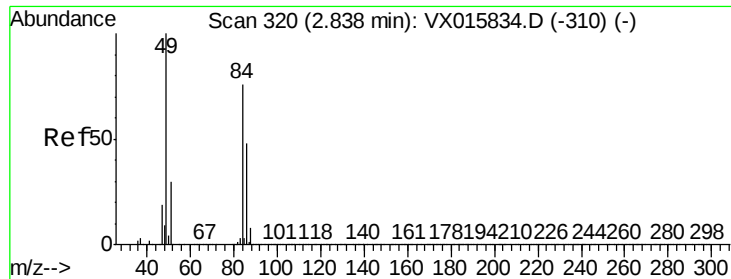
Tot Ion: 76 Resp: 17674
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.2



#18
Methyl Acetate
Concen: 0.708 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

Tgt Ion: 43 Resp: 9493
Ion Ratio Lower Upper
43 100
74 35.4 17.9 26.9#

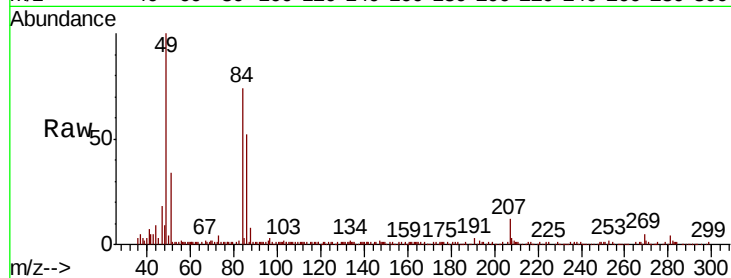




#20
Methvlene Chloride
Concen: 4.453 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
31040

Tot Ion:	84	Resp:	36726
Ion	Ratio	Lower	Upper
84	100		
49	134.2	104.9	157.3
51	43.0	32.0	48.0
86	70.3	50.4	75.6



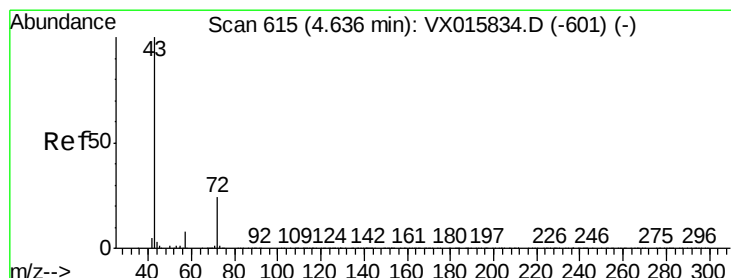
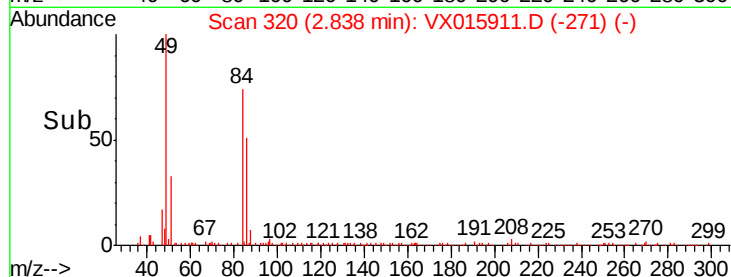
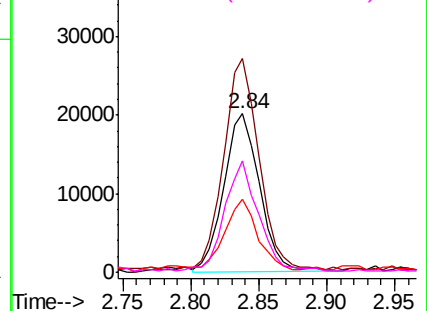
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

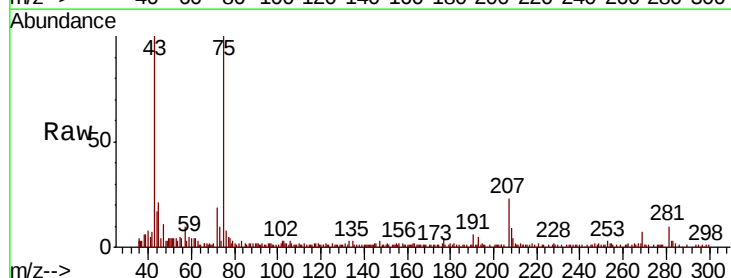
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25
2-Butanone
Concen: 5.693 ug/l
RT: 4.65 min Scan# 617
Delta R.T. 0.01 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

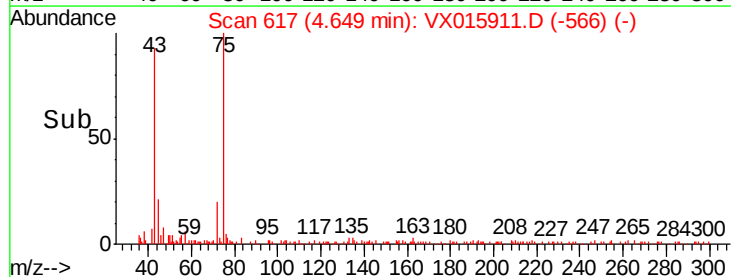
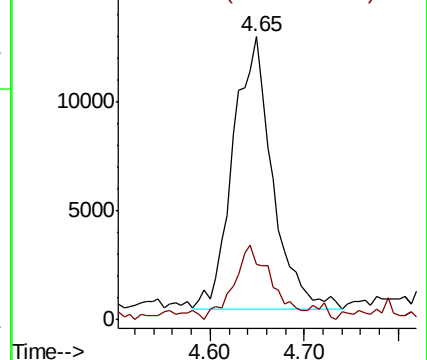
Tgt Ion:	43	Resp:	36557
Ion	Ratio	Lower	Upper
43	100		
72	17.2	19.4	29.2#

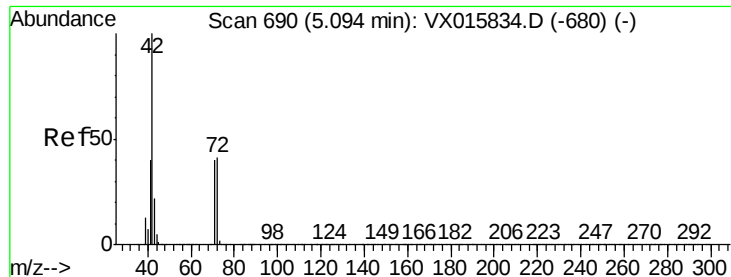


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.455 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

31040

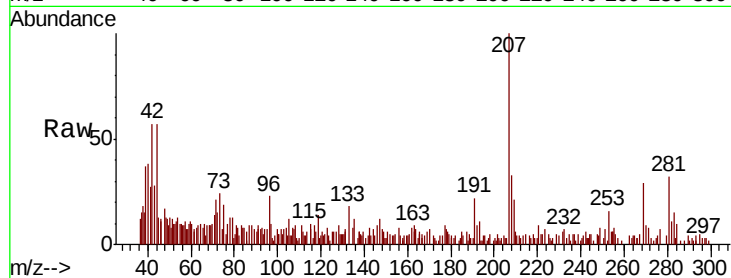
Tot Ion: 42 Resp: 1934

Ion Ratio Lower Upper

42 100

72 0.0 33.0 49.6#

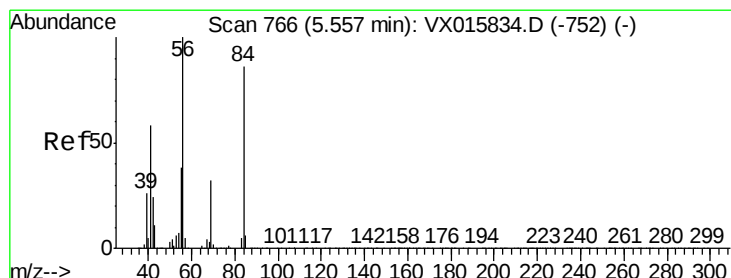
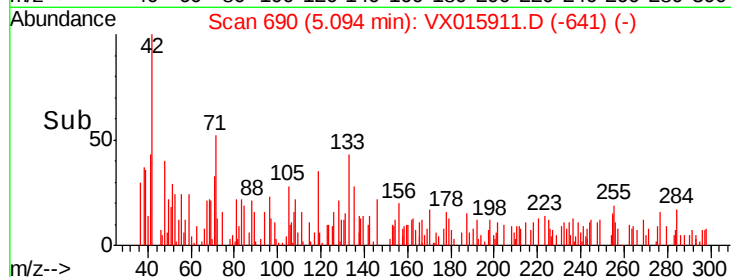
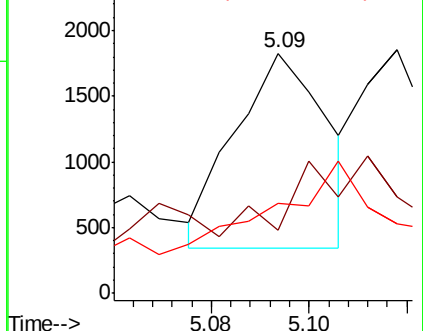
71 0.0 30.6 45.8#



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



#31

Cyclohexane

Concen: 1.088 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.07 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

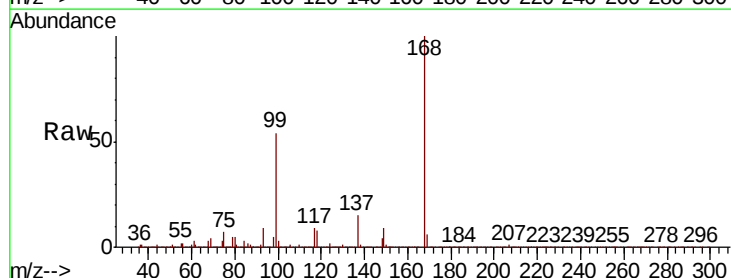
Tgt Ion: 56 Resp: 14826

Ion Ratio Lower Upper

56 100

69 171.1 25.3 37.9#

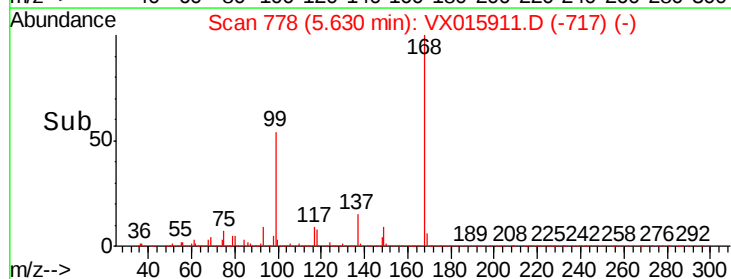
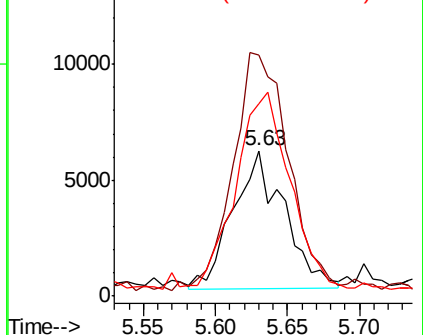
84 135.1 69.1 103.7#

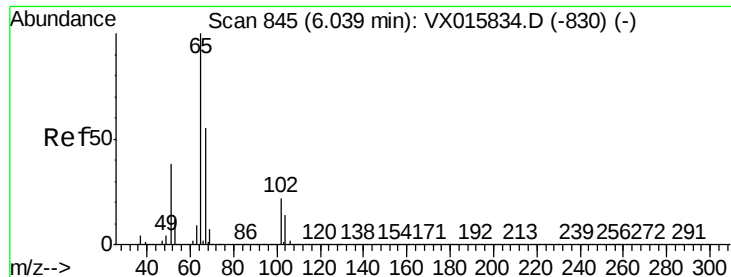


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.509 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

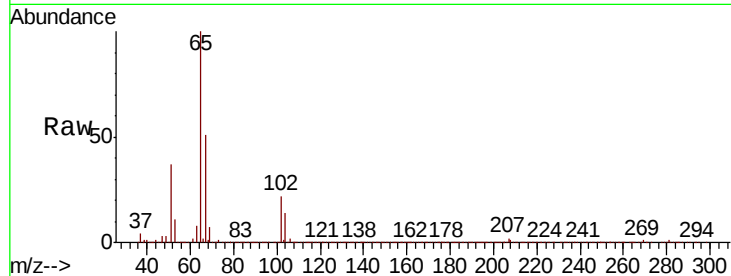
31040

Tot Ion: 65 Resp: 471260

Ion Ratio Lower Upper

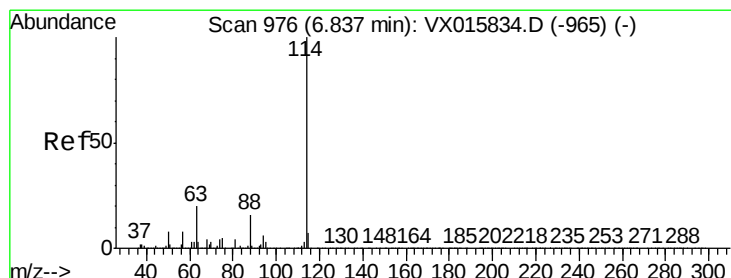
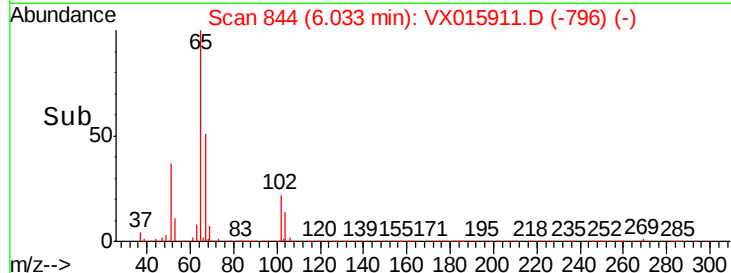
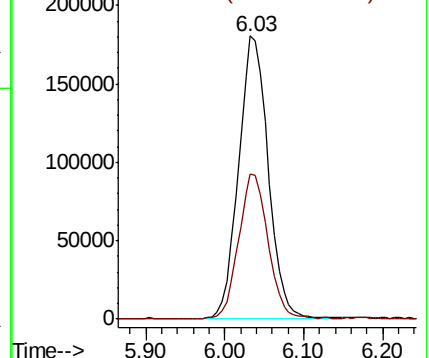
65 100

67 50.7 0.0 104.2



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: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

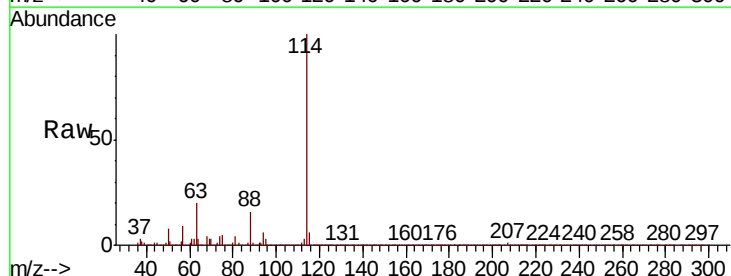
Tgt Ion: 114 Resp: 1278234

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

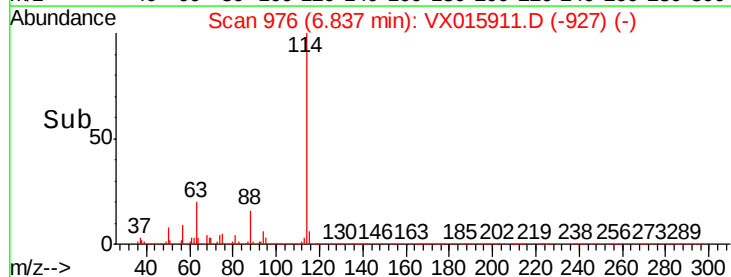
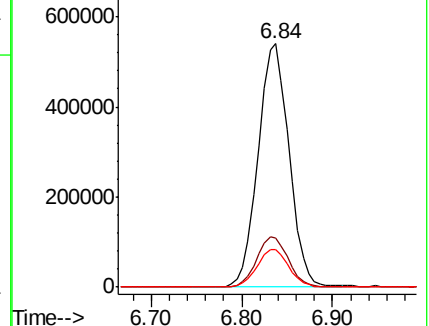
88 15.4 0.0 32.8

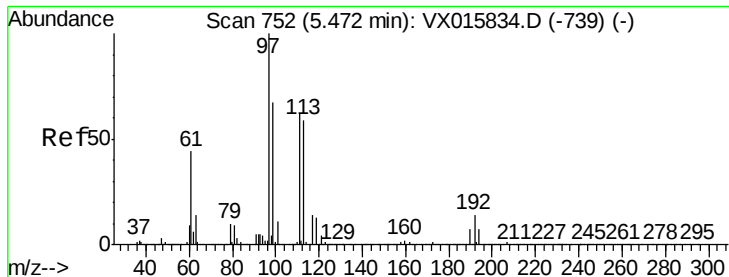


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.666 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

31040

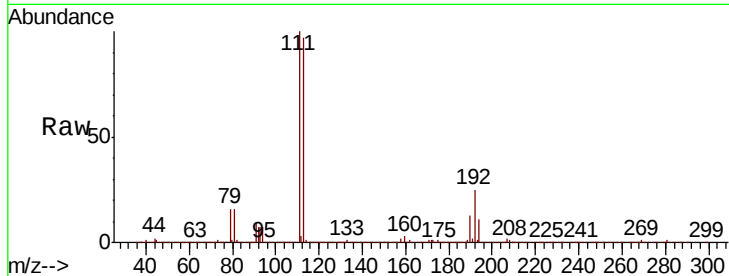
Tot Ion:113 Resp: 373828

Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

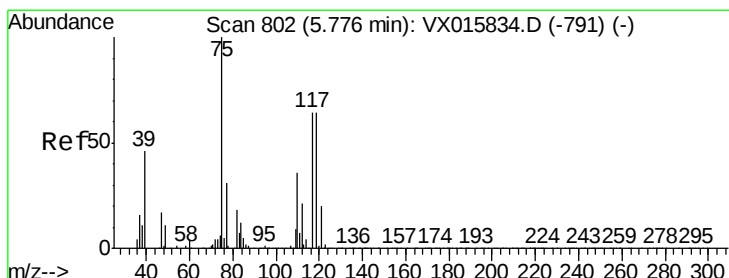
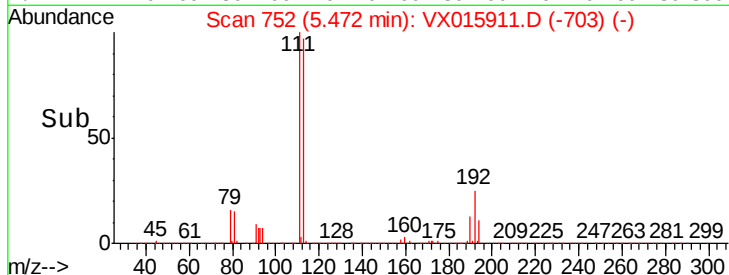
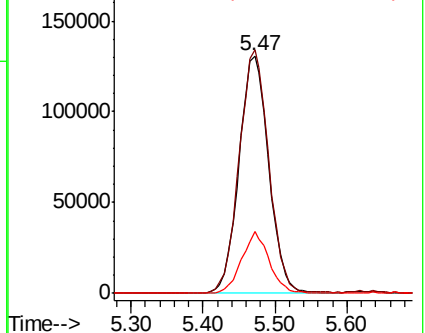
192 23.7 19.3 28.9



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: 4.860 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.15 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

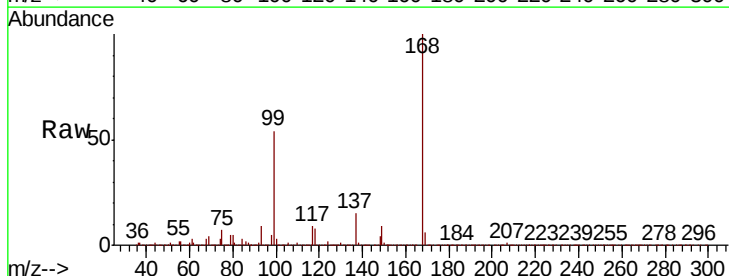
Tgt Ion: 75 Resp: 55073

Ion Ratio Lower Upper

75 100

110 13.3 17.9 53.8#

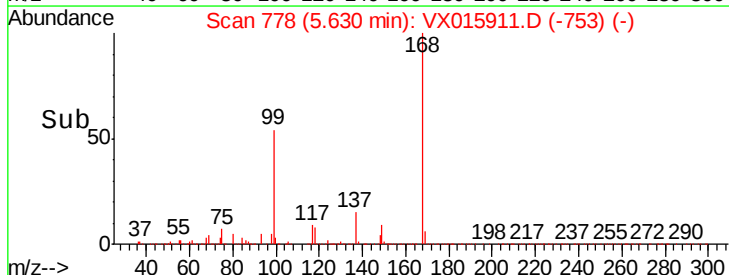
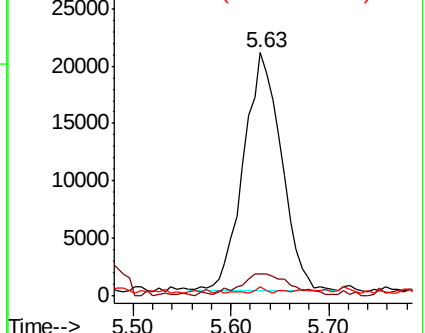
77 0.6 24.5 36.7#

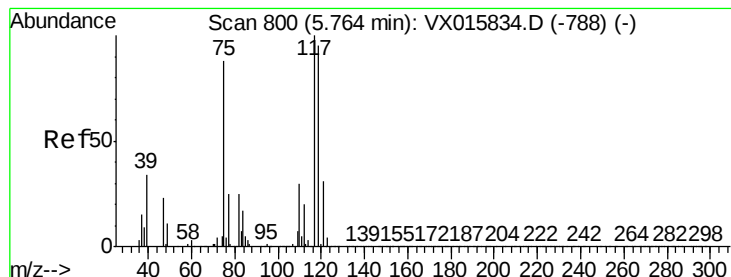


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.764 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

31040

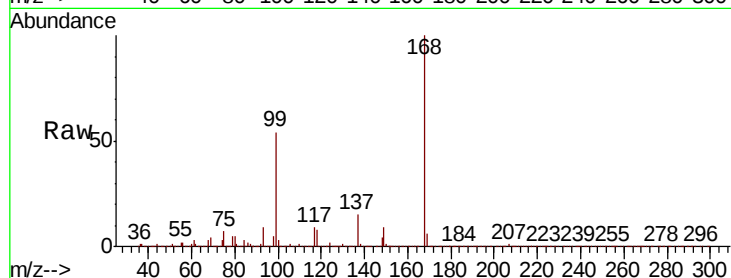
Tot Ion:117 Resp: 75497

Ion Ratio Lower Upper

117 100

119 3.7 75.7 113.5#

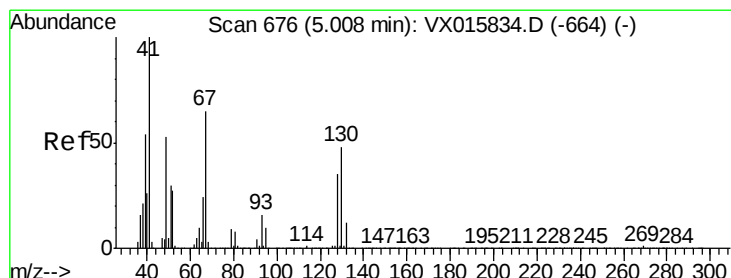
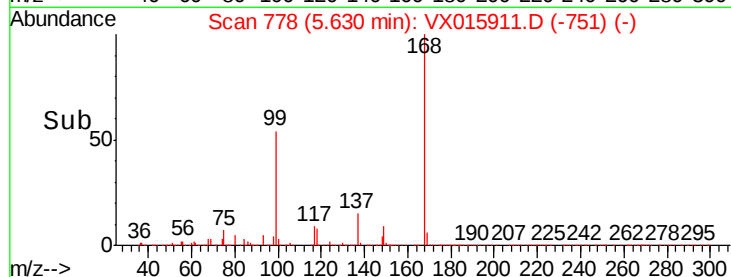
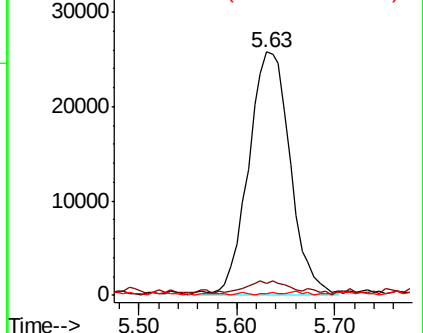
121 0.1 25.0 37.6#



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



#41

Methacrylonitrile

Concen: 0.271 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

Tgt Ion: 41 Resp: 2034

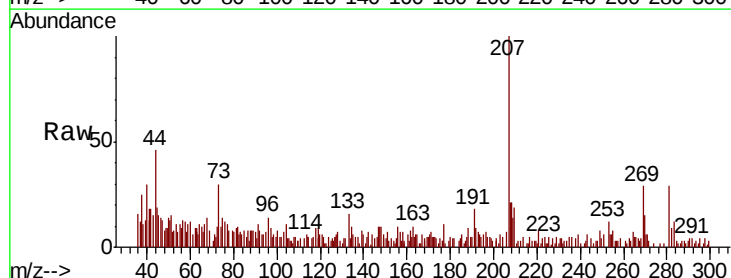
Ion Ratio Lower Upper

41 100

39 80.8 42.4 63.6#

67 34.5 51.9 77.9#

52 31.5 21.0 31.4#

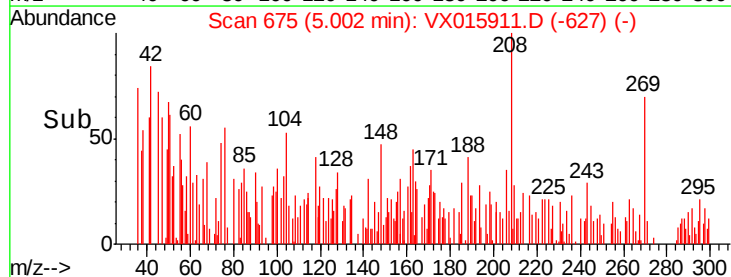
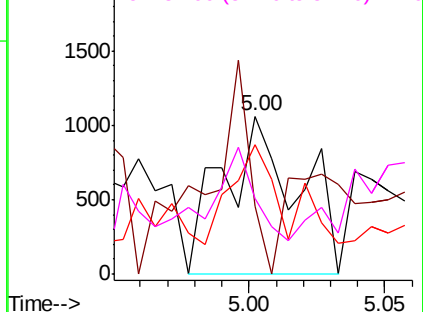


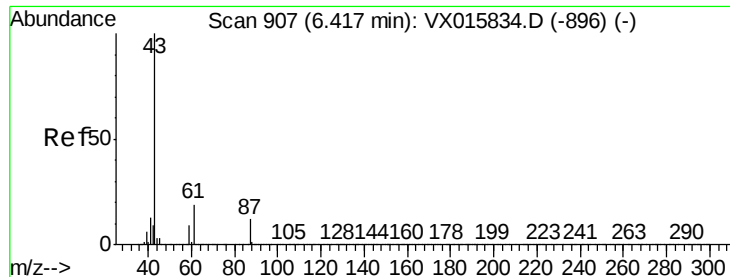
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



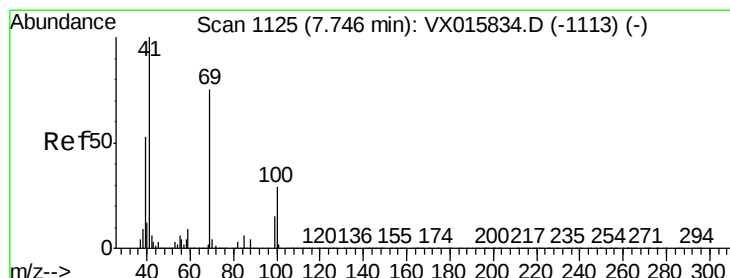
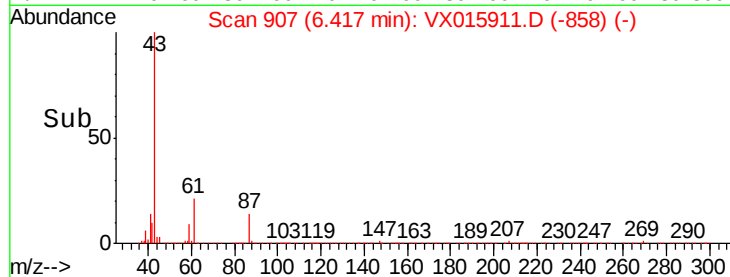
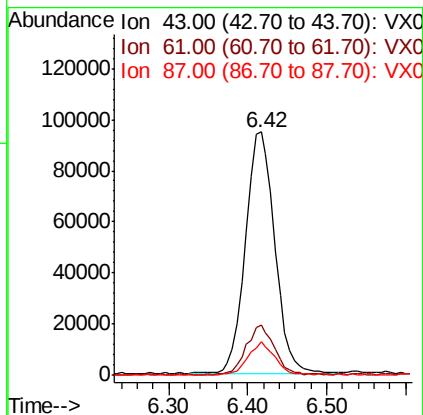
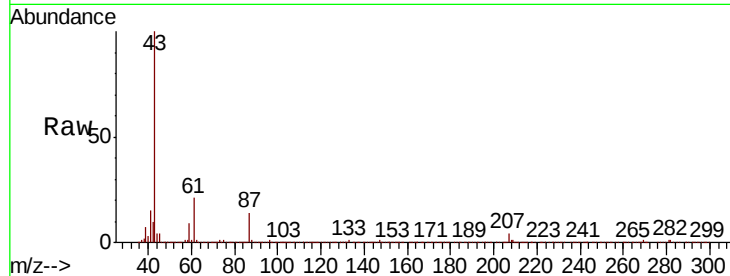


#43

Isopropyl Acetate
 Concen: 10.693 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015911.D
 Acq: 23 Apr 2020 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 31040

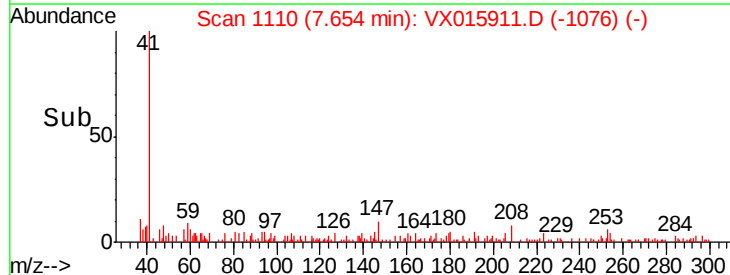
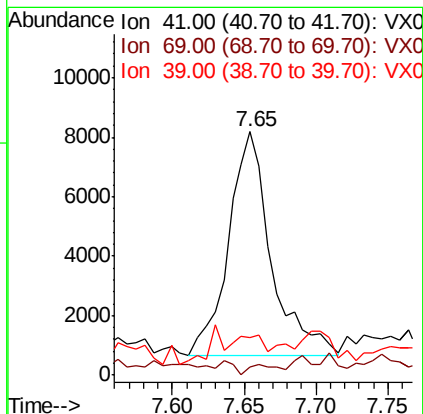
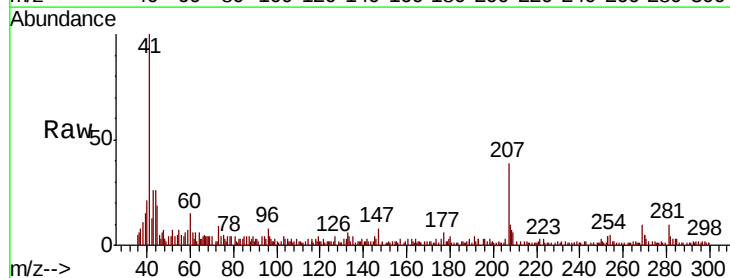
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.4	23.2
87	12.2	9.8	14.6

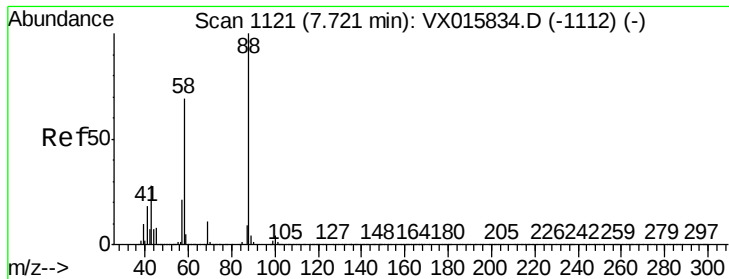


#48

Methyl methacrylate
 Concen: 1.387 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.09 min
 Lab File: VX015911.D
 Acq: 23 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
41	100		
69	3.2	60.5	90.7#
39	0.0	42.1	63.1#

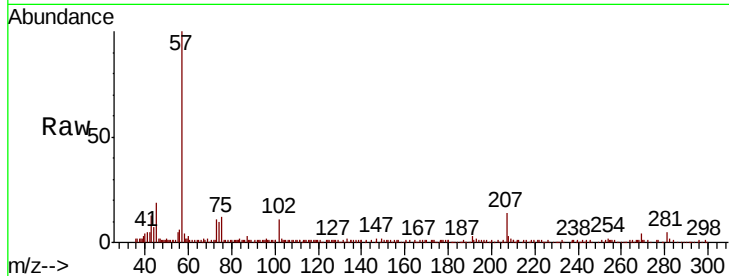




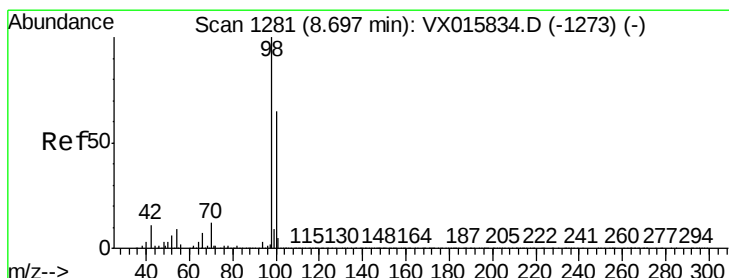
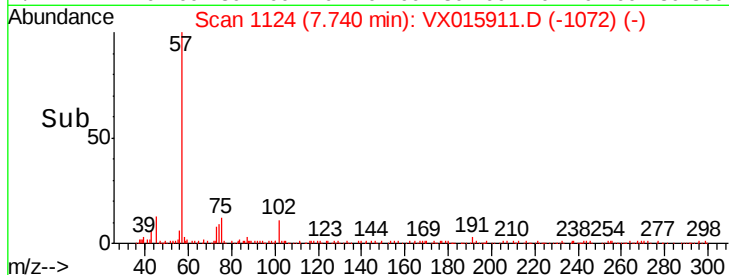
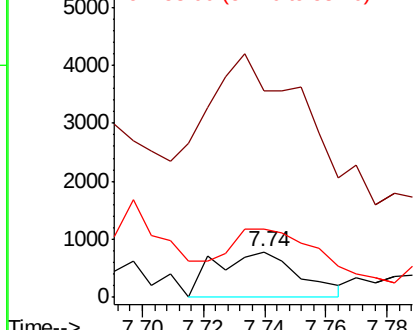
#49
1,4-Dioxane
Concen: 7.064 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.02 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
31040

Tot Ion: 88 Resp: 1494
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 158.8 58.9 88.3#

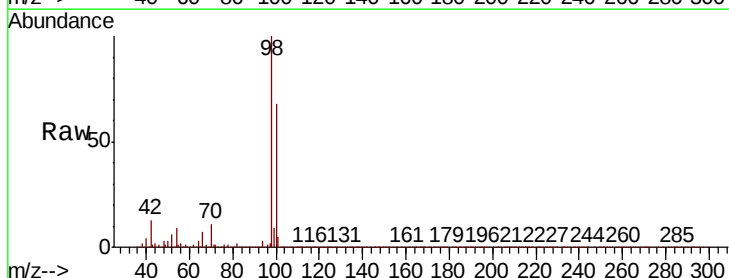


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

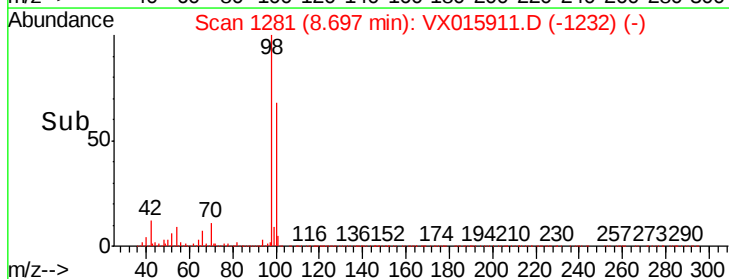
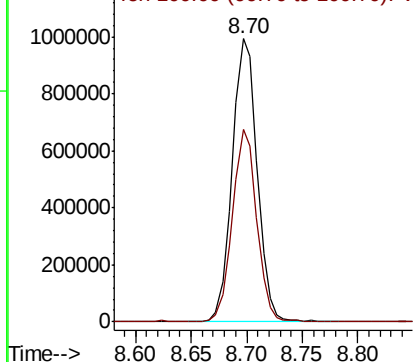


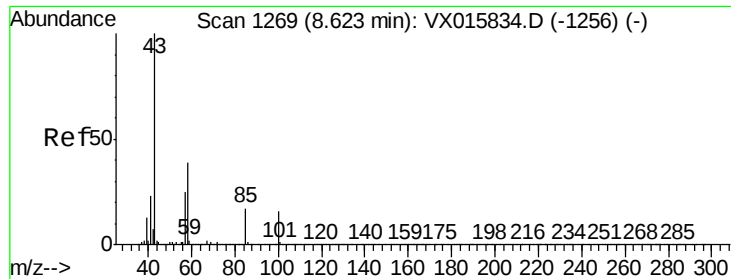
#50
Toluene-d8
Concen: 51.888 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

Tgt Ion: 98 Resp: 1541178
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 17.962 ug/l

RT: 8.59 min Scan# 1264

Delta R.T. -0.03 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

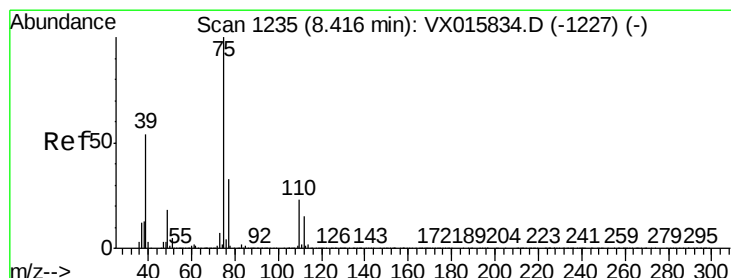
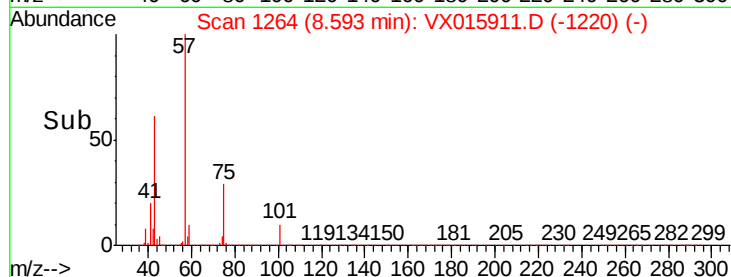
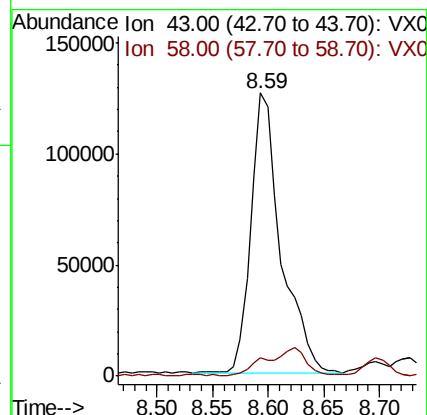
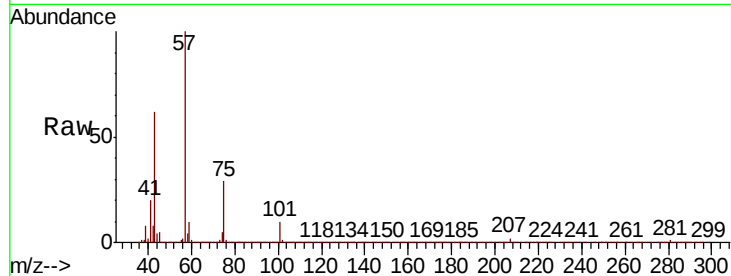
31040

Tot Ion: 43 Resp: 235865

Ion Ratio Lower Upper

43 100

58 0.0 30.6 45.8#



#54

cis-1,3-Dichloropropene

Concen: 5.876 ug/l

RT: 8.59 min Scan# 1264

Delta R.T. 0.18 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

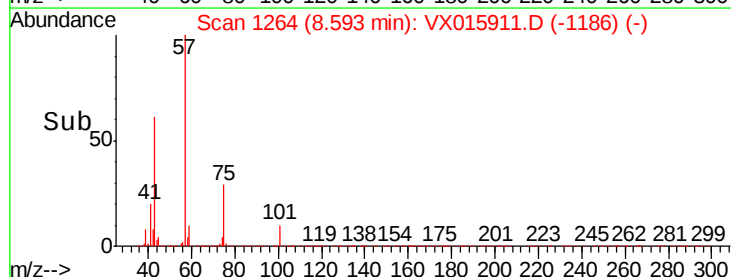
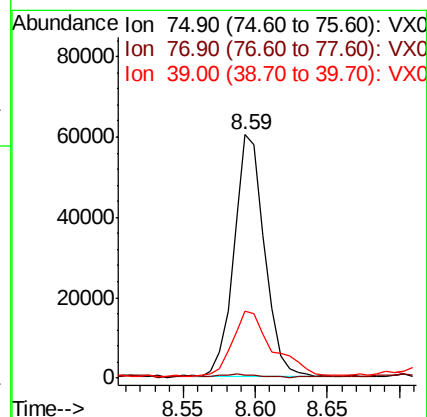
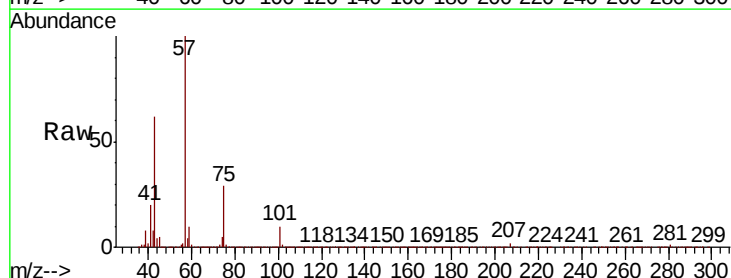
Tgt Ion: 75 Resp: 89498

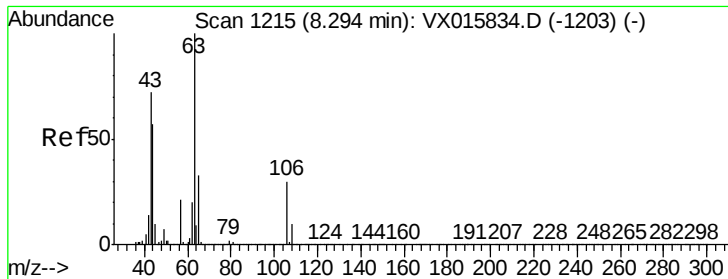
Ion Ratio Lower Upper

75 100

77 1.0 26.0 39.0#

39 26.6 42.8 64.2#

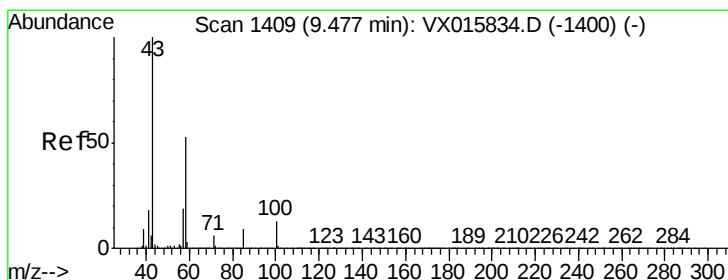
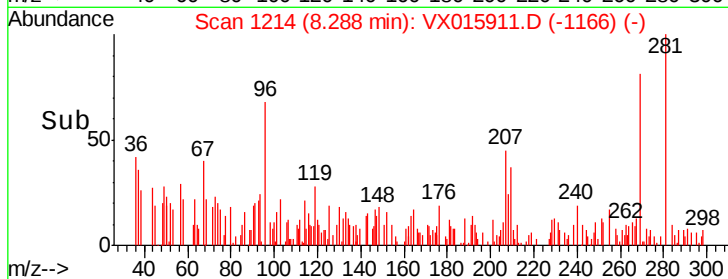
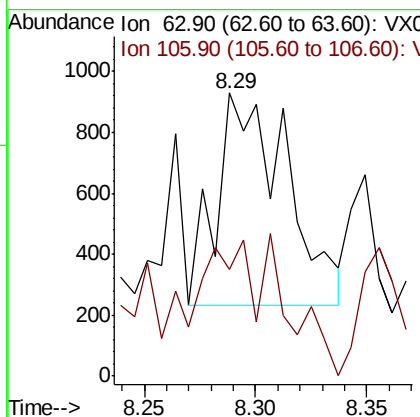
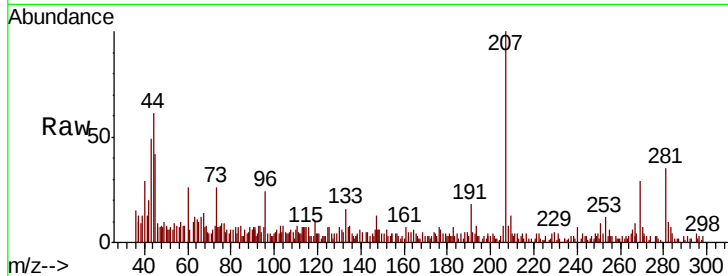




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.211 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015911.D
 Acq: 23 Apr 2020 23:49

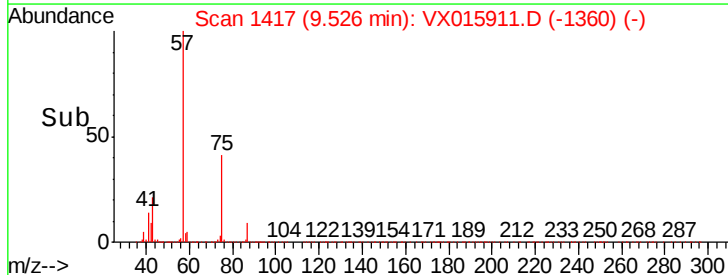
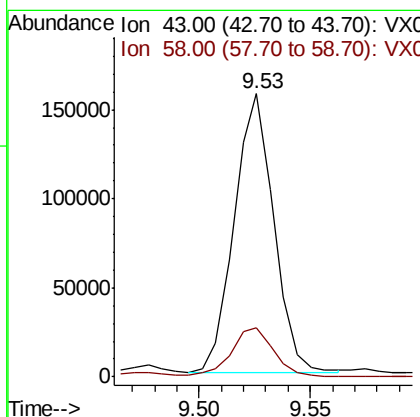
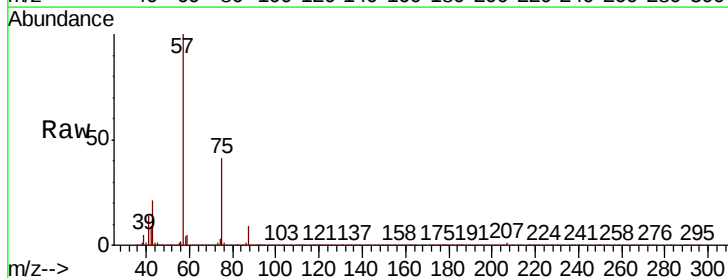
Instrument :
 MSVOA_X
 ClientSampleId :
 31040

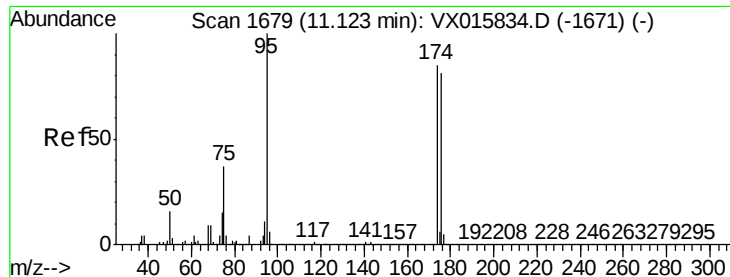
Tot Ion: 63 Resp: 1527
 Ion Ratio Lower Upper
 63 100
 106 68.8 23.8 35.8#



#59
 2-Hexanone
 Concen: 19.412 ug/l
 RT: 9.53 min Scan# 1417
 Delta R.T. 0.05 min
 Lab File: VX015911.D
 Acq: 23 Apr 2020 23:49

Tgt Ion: 43 Resp: 194180
 Ion Ratio Lower Upper
 43 100
 58 18.4 26.5 79.4#

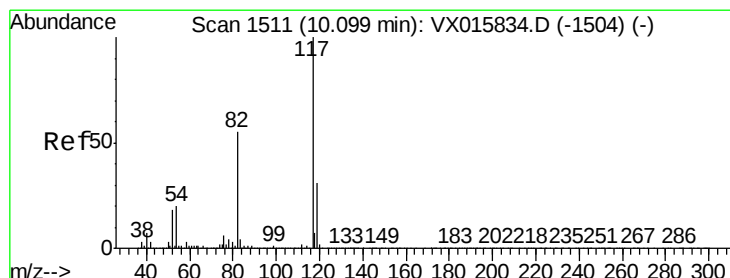
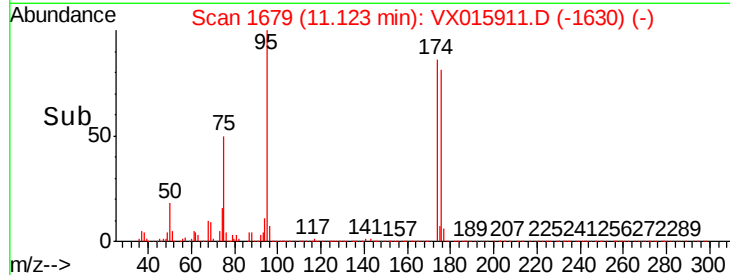
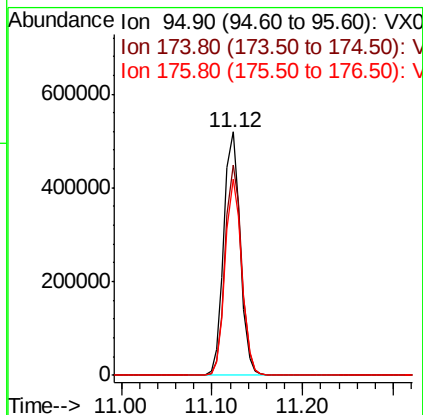
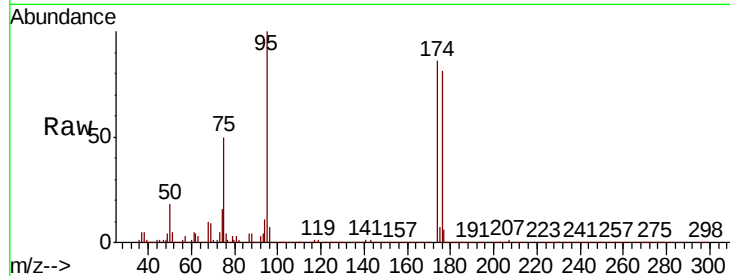




#62
4-Bromofluorobenzene
Concen: 53.921 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

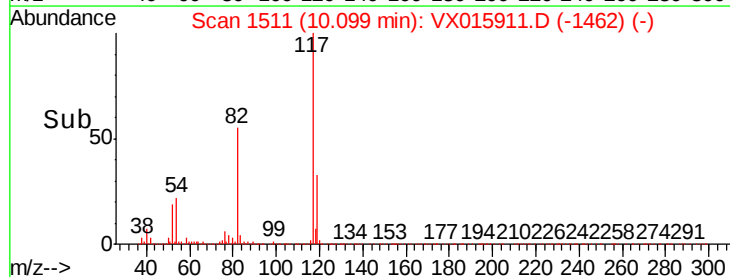
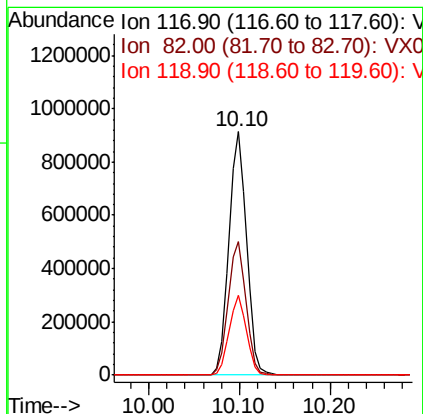
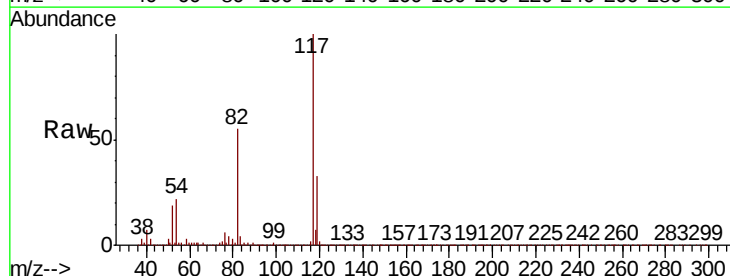
Instrument :
MSVOA_X
ClientSampleId :
31040

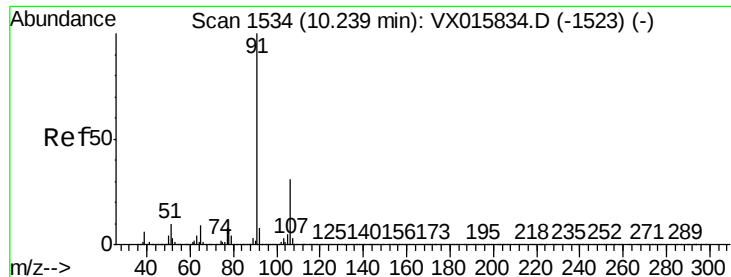
Tot Ion: 95 Resp: 657014
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.4
176 81.6 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

Tgt Ion: 117 Resp: 1236449
Ion Ratio Lower Upper
117 100
82 55.0 43.9 65.9
119 32.5 25.1 37.7

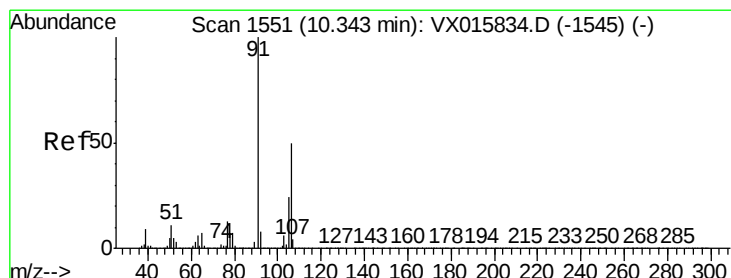
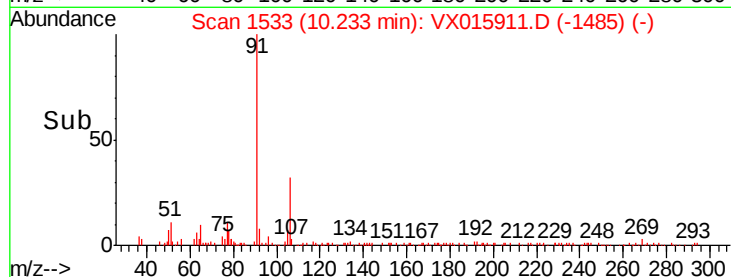
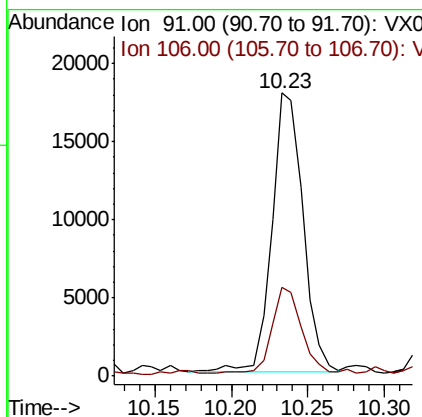
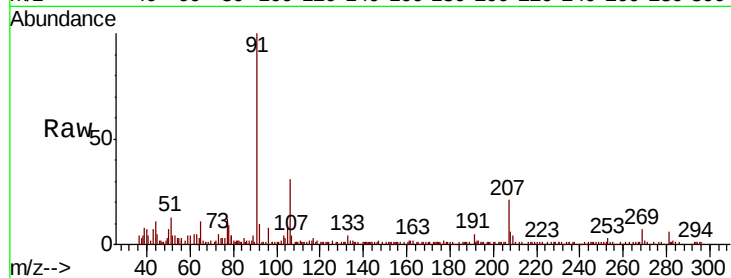




#67
Ethyl Benzene
Concen: 0.581 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

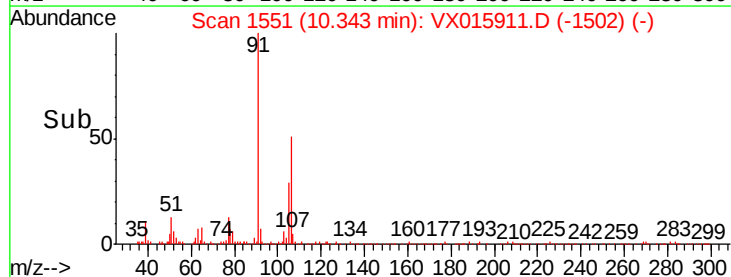
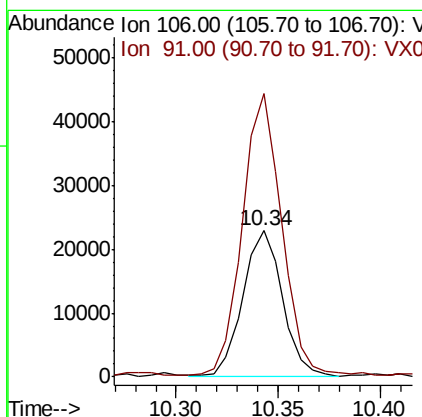
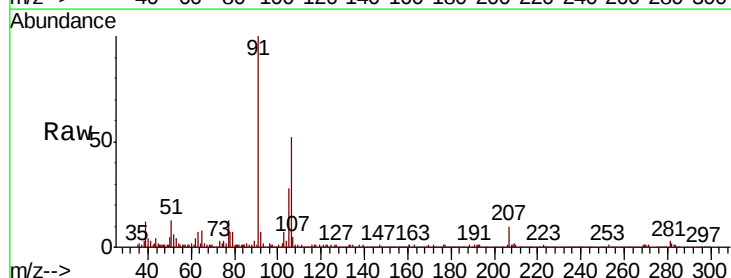
Instrument :
MSVOA_X
ClientSampleId :
31040

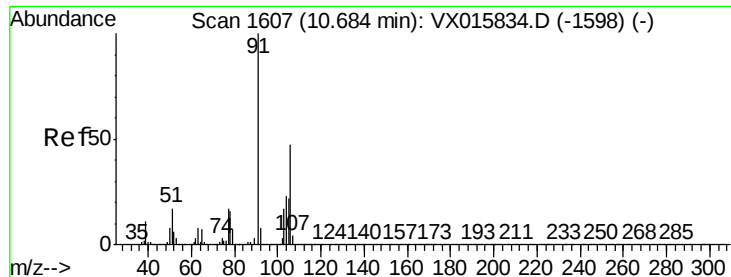
Tot Ion: 91 Resp: 25209
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4



#68
m/p-Xylenes
Concen: 1.904 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

Tgt Ion: 106 Resp: 31025
Ion Ratio Lower Upper
106 100
91 190.8 161.1 241.7

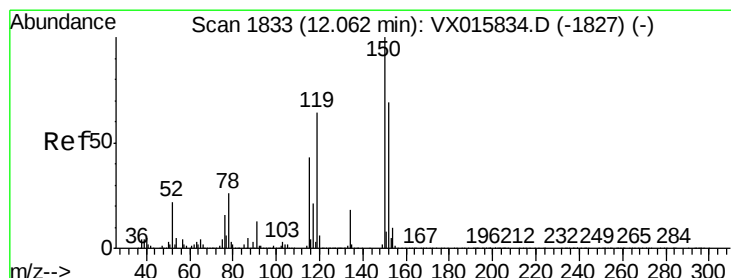
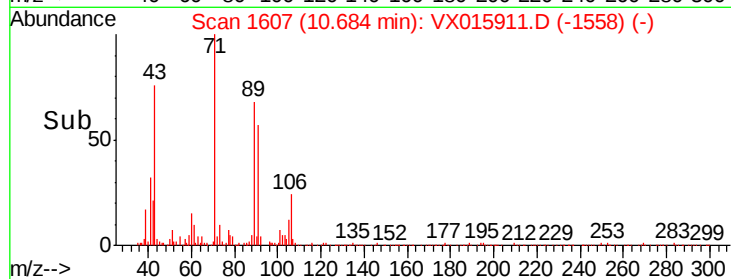
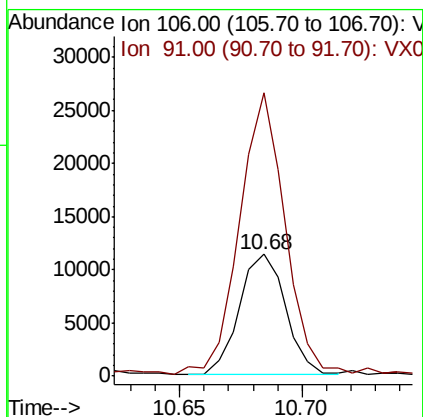
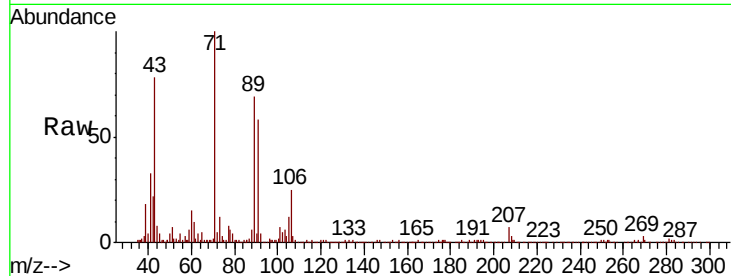




#69
o-Xylene
Concen: 0.927 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

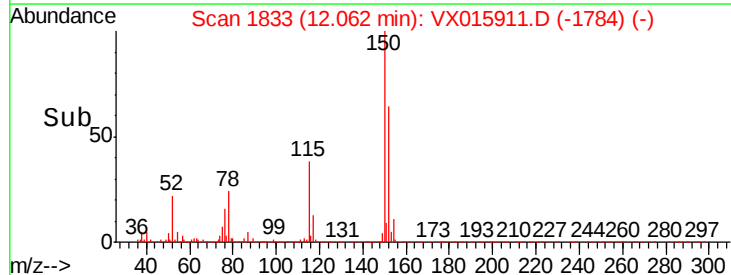
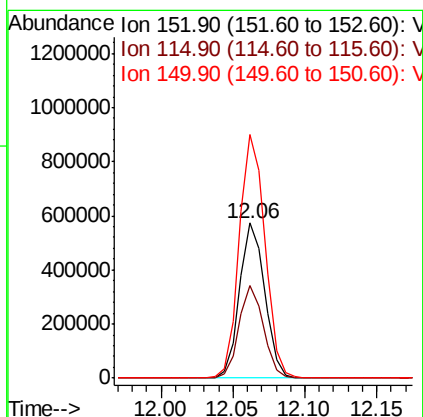
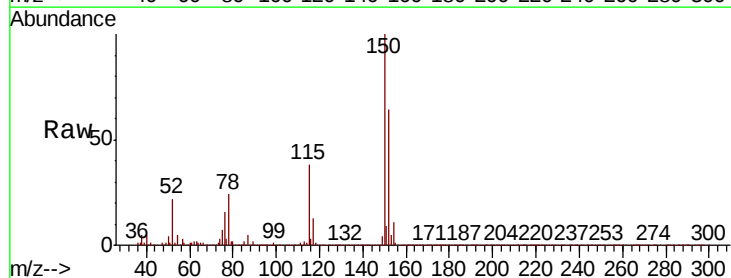
Instrument :
MSVOA_X
ClientSampled :
31040

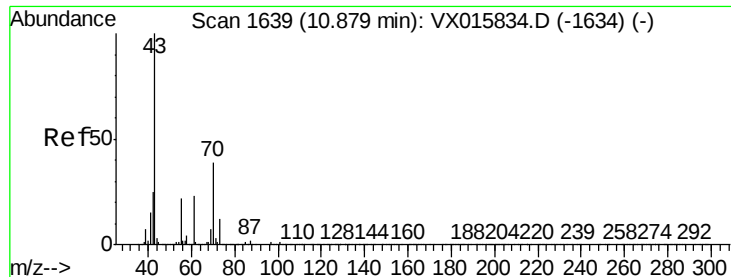
Tot Ion:106 Resp: 14865
Ion Ratio Lower Upper
106 100
91 232.4 107.1 321.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

Tgt Ion:152 Resp: 699174
Ion Ratio Lower Upper
152 100
115 57.9 39.0 116.9
150 159.0 0.0 336.8





#74

N-amvl acetate

Concen: 0.580 ug/l

RT: 10.81 min Scan# 1627

Delta R.T. -0.07 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

31040

Tot Ion: 43 Resp: 13297

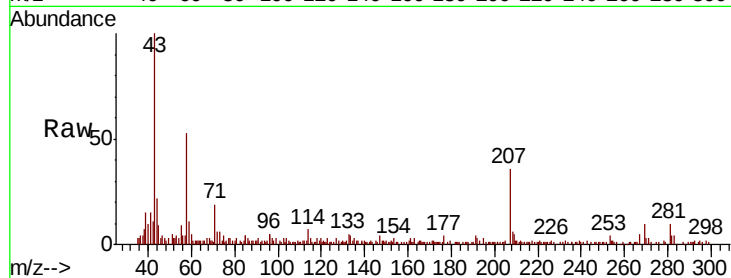
Ion Ratio Lower Upper

43 100

70 0.0 32.6 49.0#

55 8.9 18.3 27.5#

61 8.5 18.7 28.1#

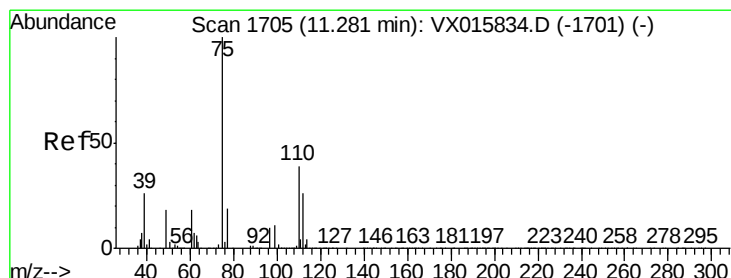
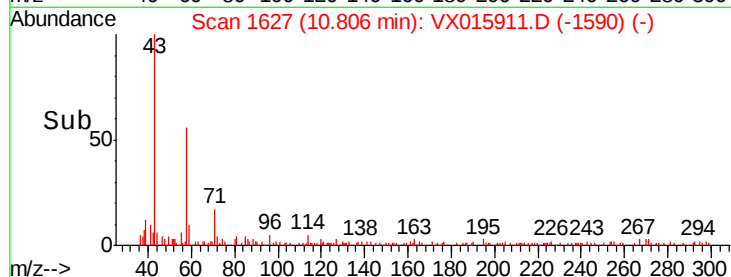
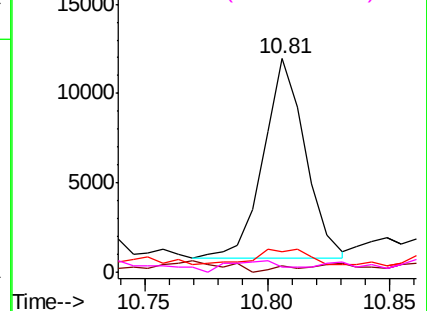


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.703 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015911.D

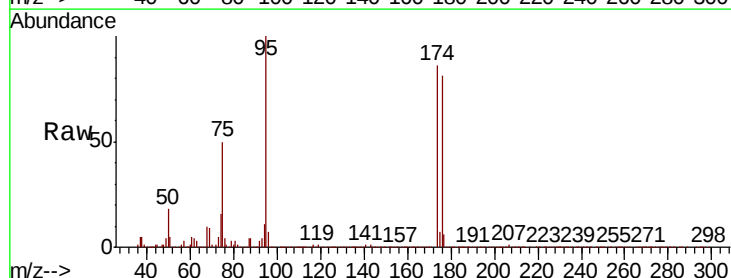
Acq: 23 Apr 2020 23:49

Tgt Ion: 75 Resp: 328431

Ion Ratio Lower Upper

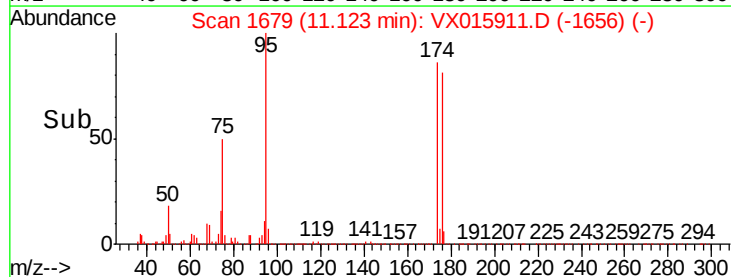
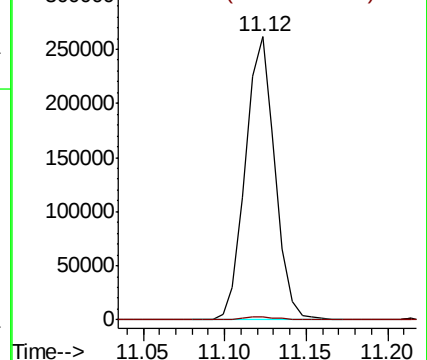
75 100

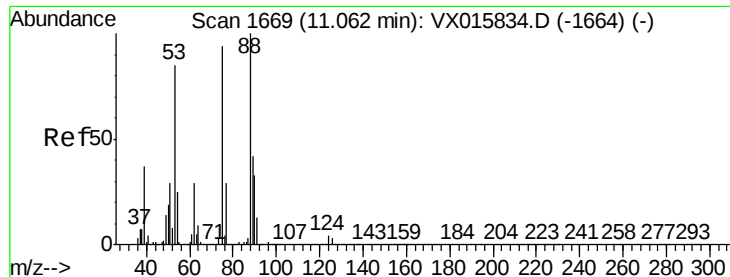
77 1.4 21.3 63.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 59.423 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

31040

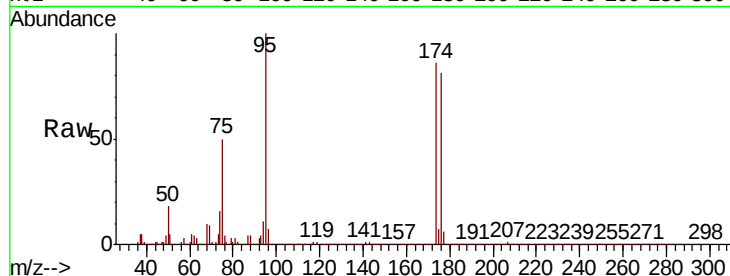
Tot Ion: 75 Resp: 328431

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.2#

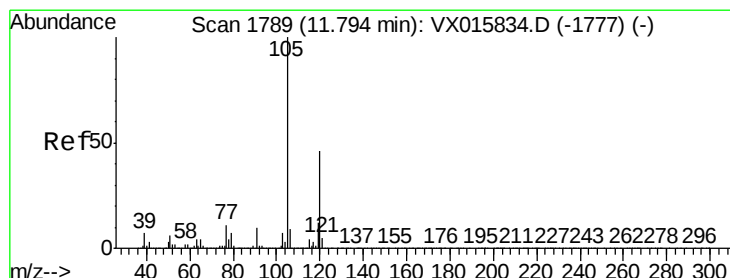
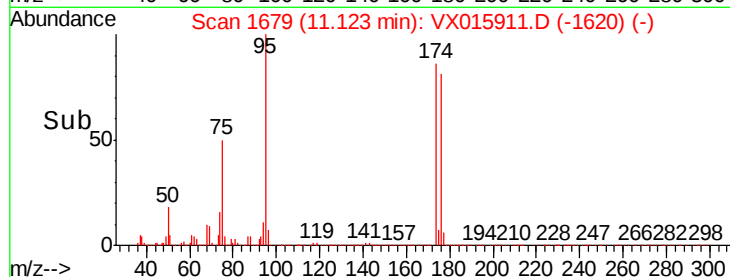
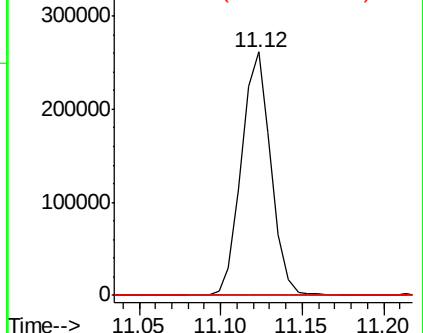
89 0.1 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.235 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015911.D

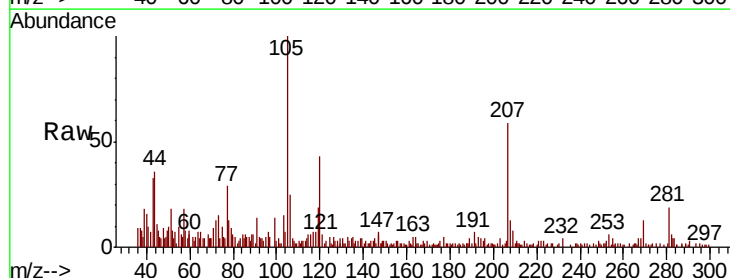
Acq: 23 Apr 2020 23:49

Tgt Ion: 105 Resp: 9241

Ion Ratio Lower Upper

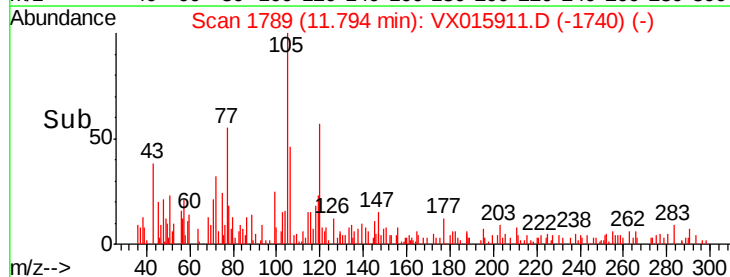
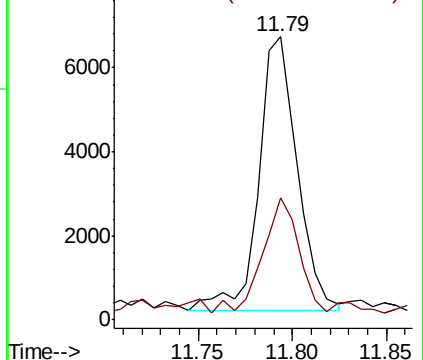
105 100

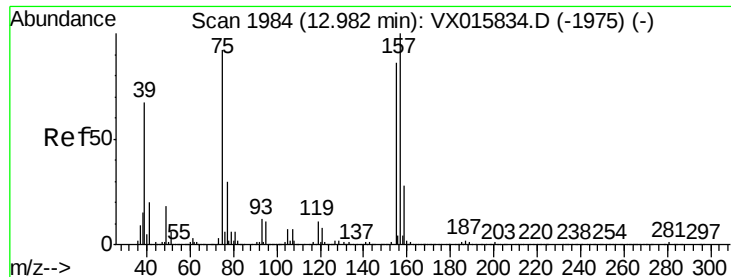
120 40.0 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.234 ug/l

RT: 12.98 min Scan# 1983

Delta R.T. -0.01 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

31040

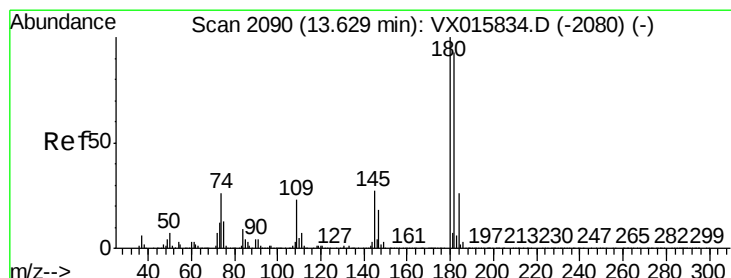
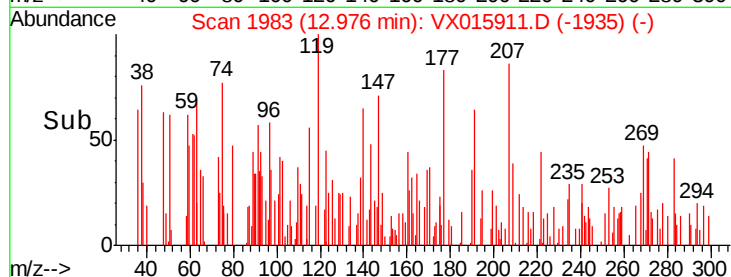
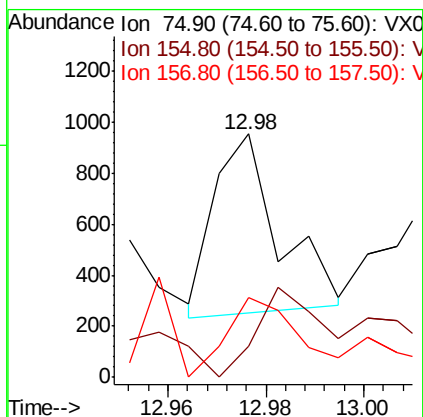
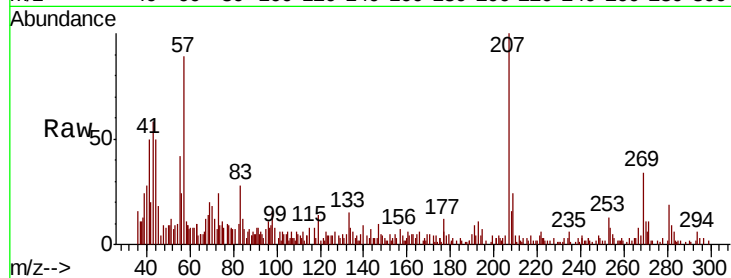
Tot Ion: 75 Resp: 653

Ion Ratio Lower Upper

75 100

155 49.5 48.1 144.4

157 49.6 58.9 176.7#



#93

1,2,4-Trichlorobenzene

Concen: 0.246 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. 0.00 min

Lab File: VX015911.D

Acq: 23 Apr 2020 23:49

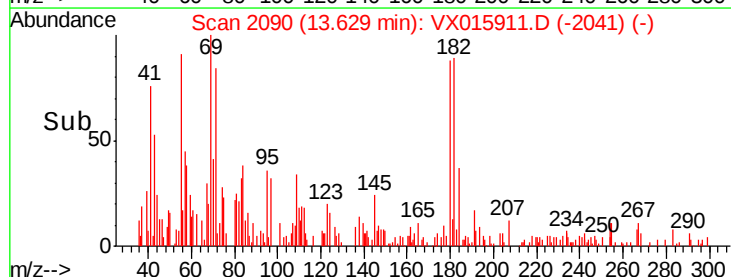
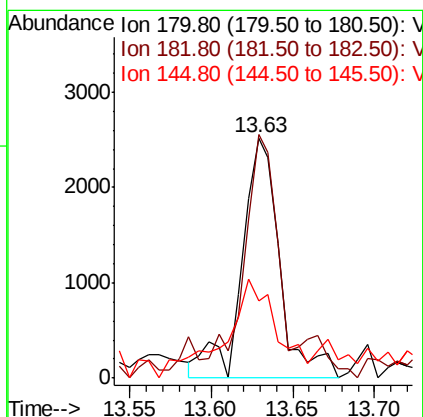
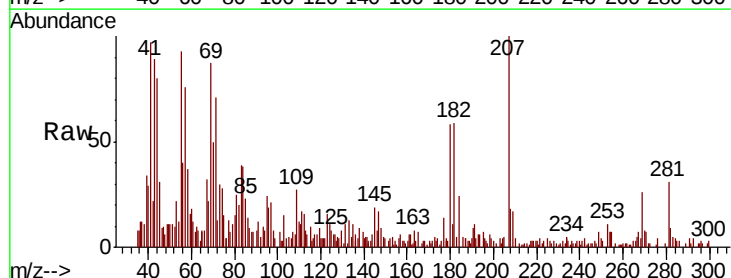
Tgt Ion:180 Resp: 4094

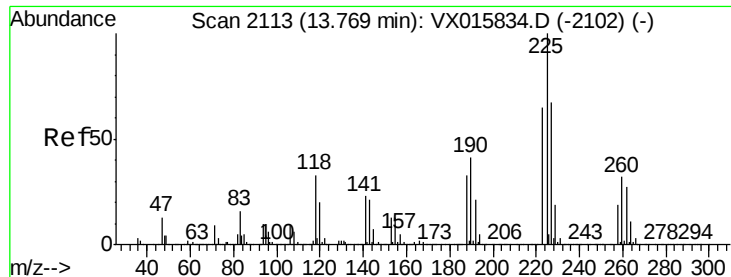
Ion Ratio Lower Upper

180 100

182 89.6 47.7 143.1

145 57.3 14.5 43.5#

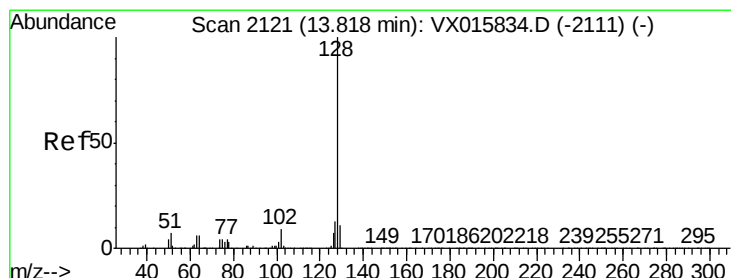
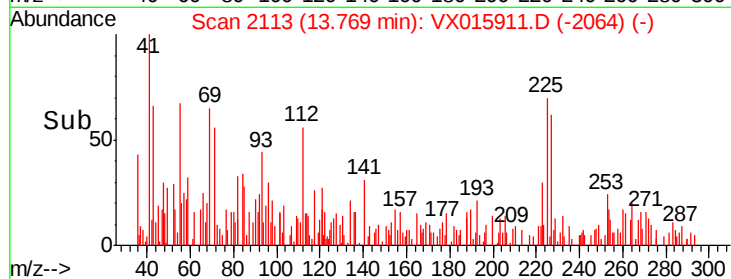
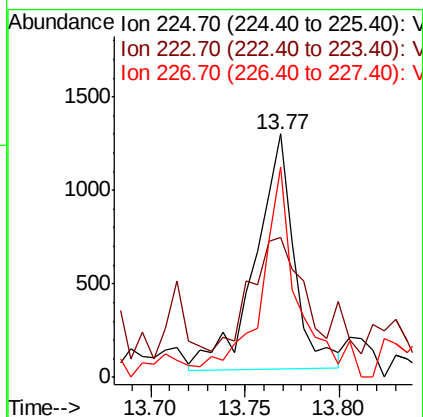
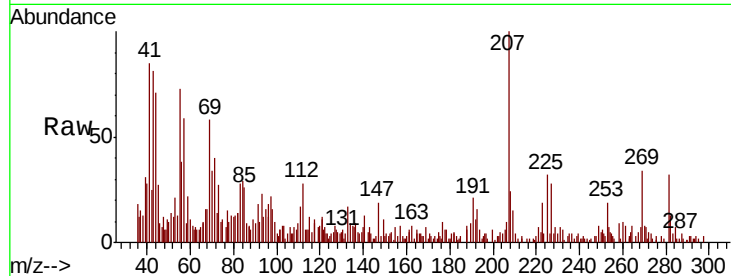




#94
Hexachlorobutadiene
Concen: 0.240 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
31040

Tot Ion:225 Resp: 1789
Ion Ratio Lower Upper
225 100
223 70.6 31.3 93.8
227 85.9 32.6 97.8



#95
Naphthalene
Concen: 0.284 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015911.D
Acq: 23 Apr 2020 23:49

Tgt Ion:128 Resp: 13614
Ion Ratio Lower Upper
128 100
127 19.4 10.5 15.7#
129 13.0 8.5 12.7#

