

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009403.D
 Acq On : 08 May 2019 17:07
 Operator : JC/SP
 Sample : K2641-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-050719-D

Quant Time: May 09 06:31:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114408	50.00	ug/l	0.00

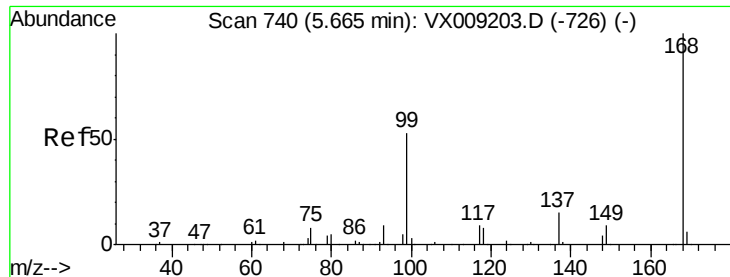
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	120138	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	5.50	113	90288	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	372493	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.13	95	125341	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	

Target Compounds

						Qvalue
5) Bromomethane	1.63	94	301	0.223	ug/l #	4
6) Chloroethane	1.76	64	478	0.331	ug/l #	52
10) Methyl Iodide	2.52	142	46	4.615	ug/l #	42
11) Tert butyl alcohol	3.05	59	603	1.040	ug/l #	93
13) Acrolein	2.29	56	194	0.369	ug/l #	1
14) Allyl chloride	2.85	41	19791	4.716	ug/l #	31
16) Acetone	2.45	43	15698	11.669	ug/l	99
18) Methyl Acetate	2.78	43	5596	1.749	ug/l #	90
20) Methylene Chloride	2.85	84	380488	174.677	ug/l	97
25) 2-Butanone	4.70	43	1770	0.847	ug/l #	77
28) Bromochloromethane	5.04	49	121	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	2247	1.670	ug/l	95
30) Chloroform	5.21	83	814	0.226	ug/l #	74
31) Cyclohexane	5.66	56	4051	1.094	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14119	5.139	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16797	6.730	ug/l #	15
43) Isopropyl Acetate	6.45	43	11872	1.939	ug/l	98
48) Methyl methacrylate	7.68	41	7539	2.482	ug/l #	18
49) 1,4-Dioxane	7.87	88	142	2.305	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	82894	20.714	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	36028	10.338	ug/l #	59
57) 1,3-Dichloropropane	9.54	76	8184	2.206	ug/l #	43
59) 2-Hexanone	9.44	43	11860	3.774	ug/l #	26
74) N-amyl acetate	10.69	43	12634	2.605	ug/l #	58
76) 1,2,3-Trichloropropane	11.13	75	62829	23.675	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	2564	0.366	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	62829	60.575	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	2386	0.339	ug/l	98
95) Naphthalene	13.83	128	23737	2.846	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

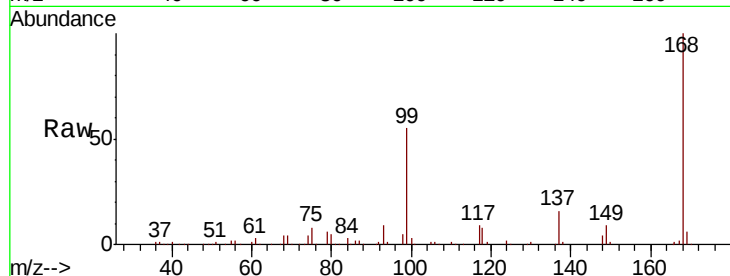
CL-02-050719-D

Tot Ion:168 Resp: 183530

Ion Ratio Lower Upper

168 100

99 55.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

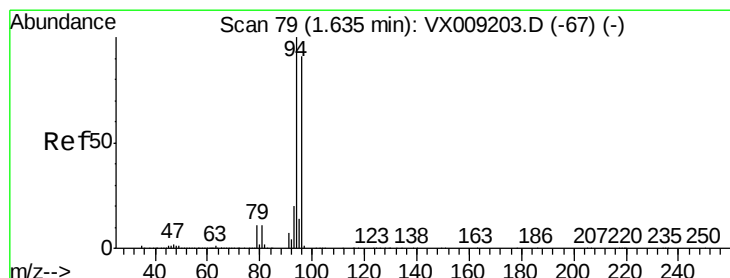
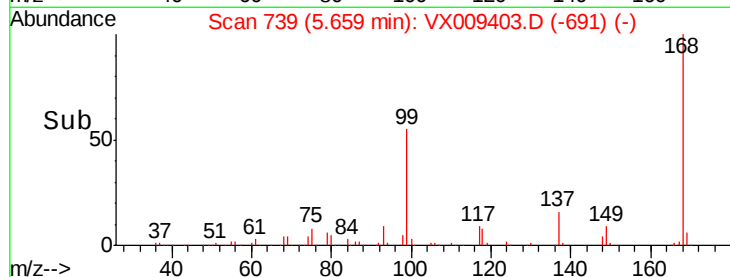
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.223 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX009403.D

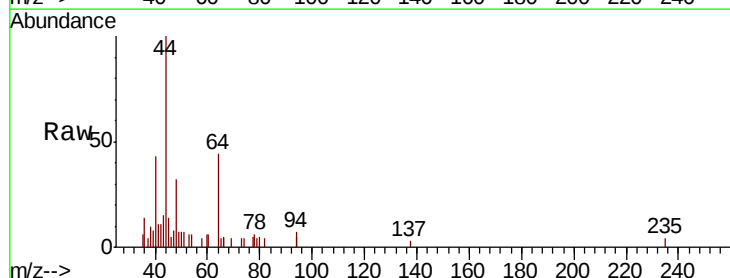
Acq: 08 May 2019 17:07

Tgt Ion: 94 Resp: 301

Ion Ratio Lower Upper

94 100

96 0.0 73.0 109.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

200

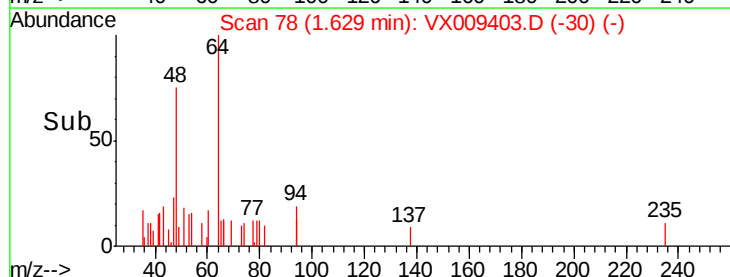
150

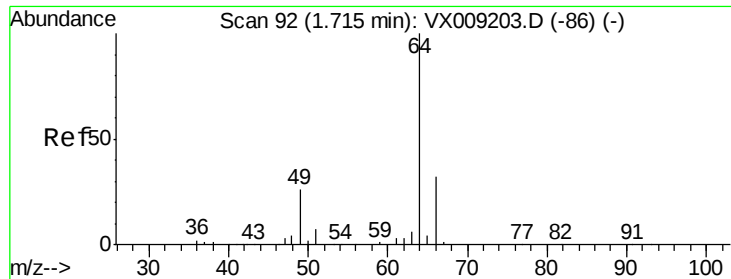
100

50

0

Time--> 1.60 1.62 1.64 1.66





#6

Chloroethane

Concen: 0.331 ug/l

RT: 1.76 min Scan# 100

Delta R.T. 0.05 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

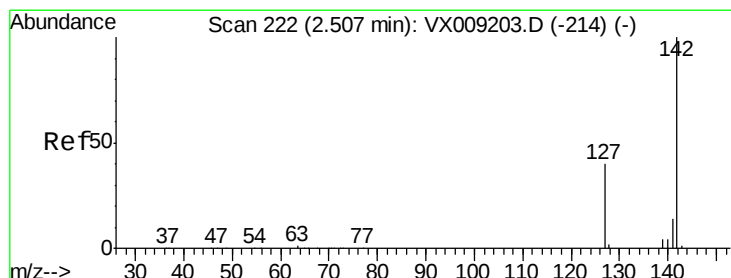
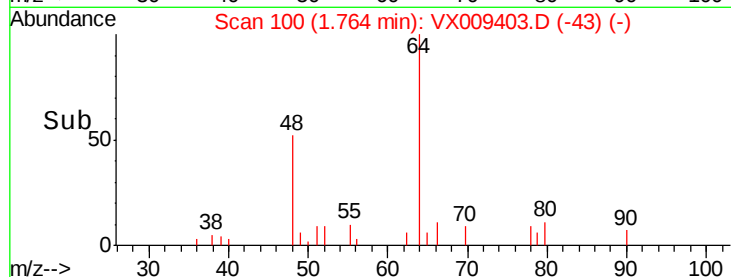
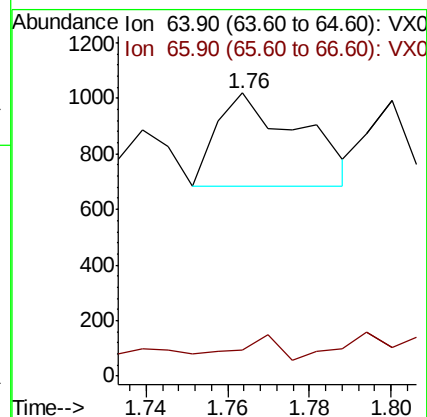
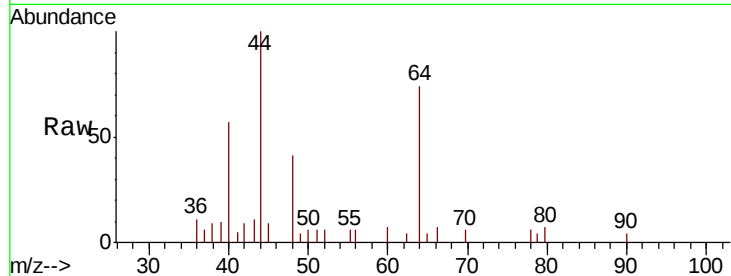
CL-02-050719-D

Tot Ion: 64 Resp: 478

Ion Ratio Lower Upper

64 100

66 4.8 25.3 37.9#



#10

Methyl Iodide

Concen: 4.615 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

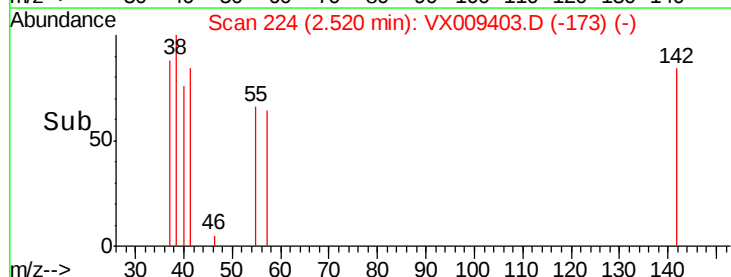
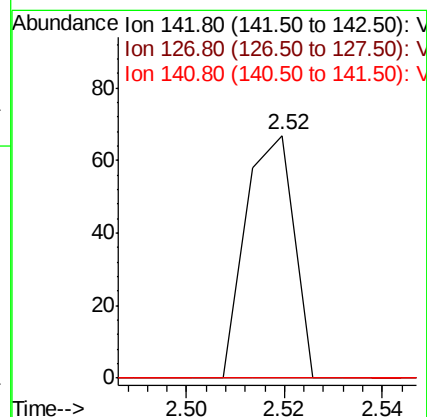
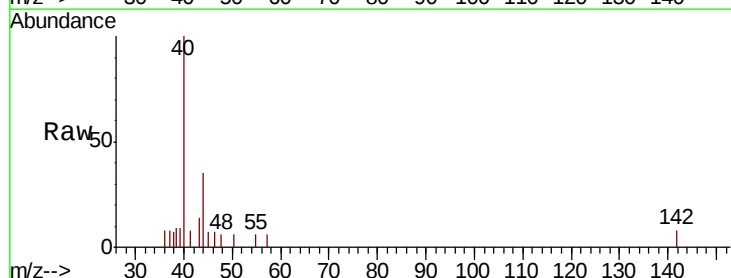
Tgt Ion: 142 Resp: 46

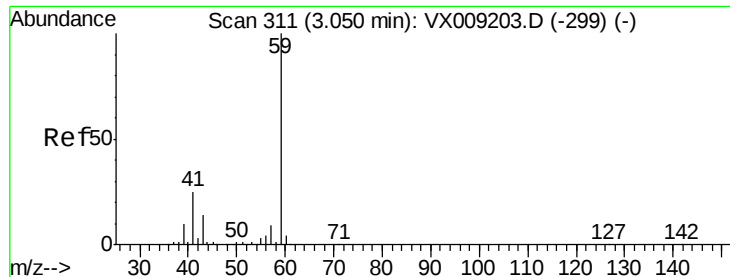
Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

141 0.0 11.5 17.3#

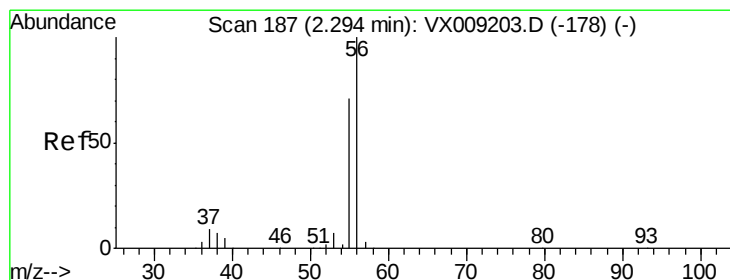
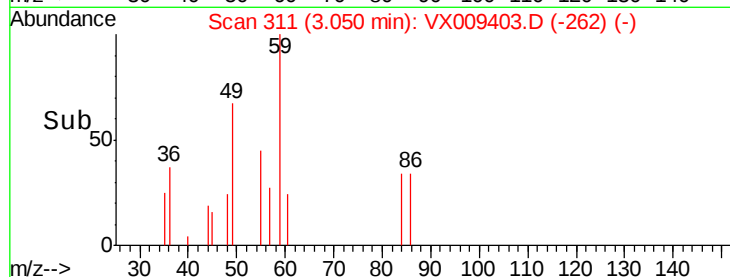
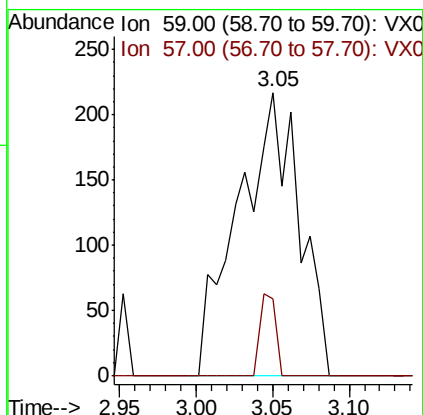
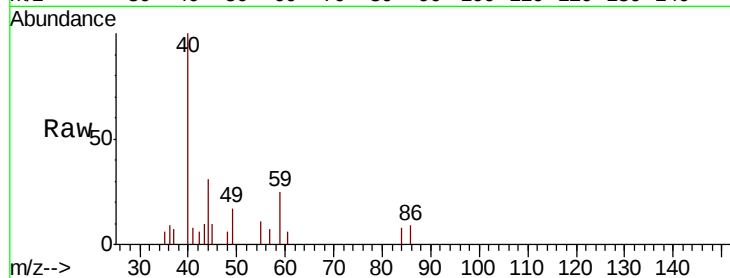




#11
Tert butyl alcohol
Concen: 1.040 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

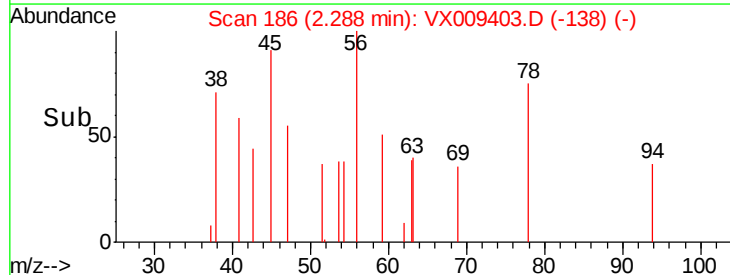
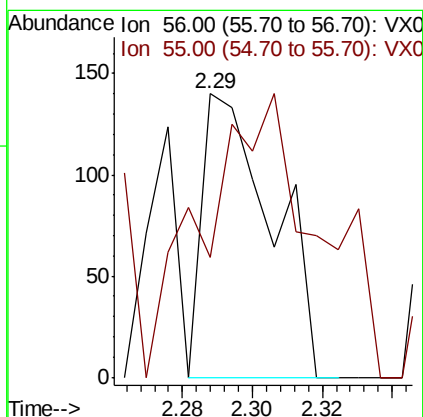
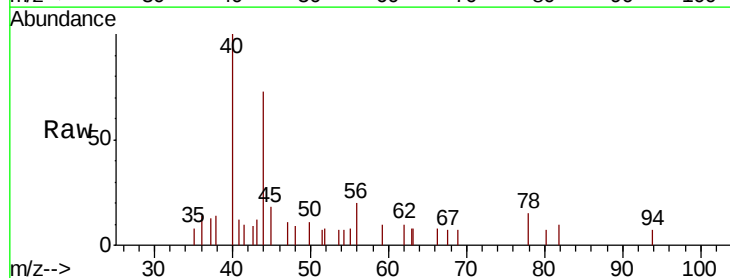
Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-D

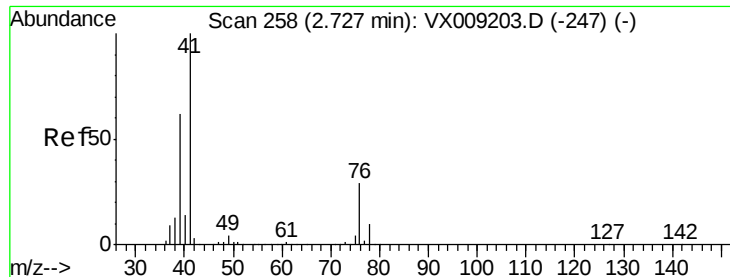
Tot Ion: 59 Resp: 603
Ion Ratio Lower Upper
59 100
57 7.5 8.2 12.2#



#13
Acrolein
Concen: 0.369 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

Tgt Ion: 56 Resp: 194
Ion Ratio Lower Upper
56 100
55 163.9 56.6 85.0#

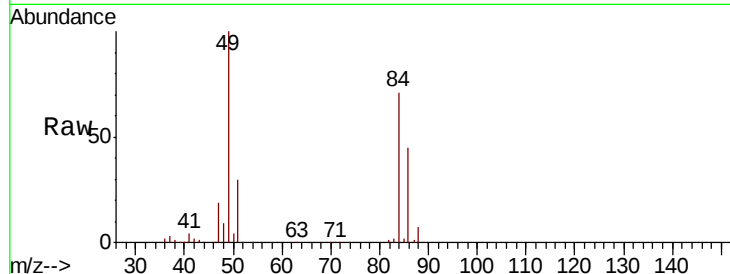




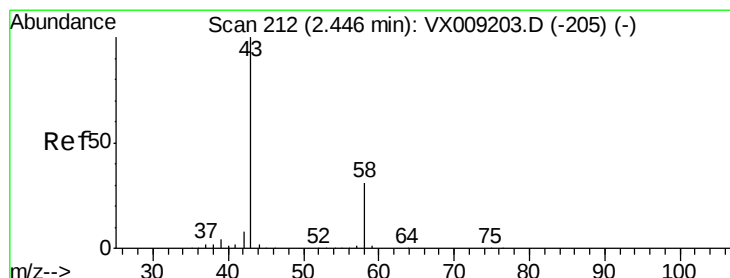
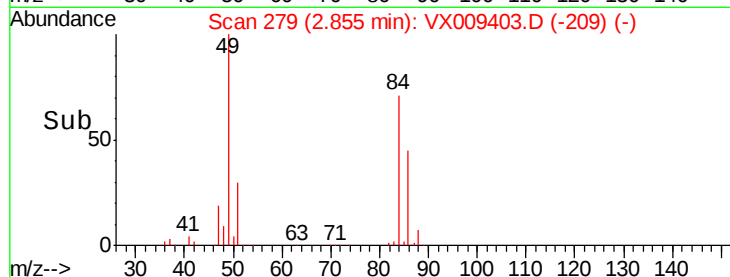
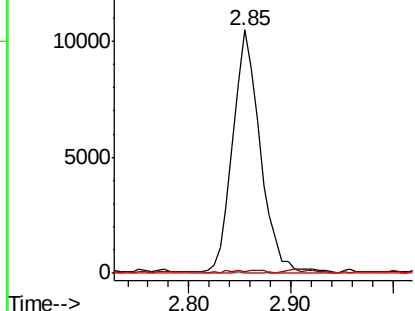
#14
Allvl chloride
Concen: 4.716 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-D

Tot Ion: 41 Resp: 19791
Ion Ratio Lower Upper
41 100
39 0.9 46.7 70.1#
76 0.1 21.8 32.8#

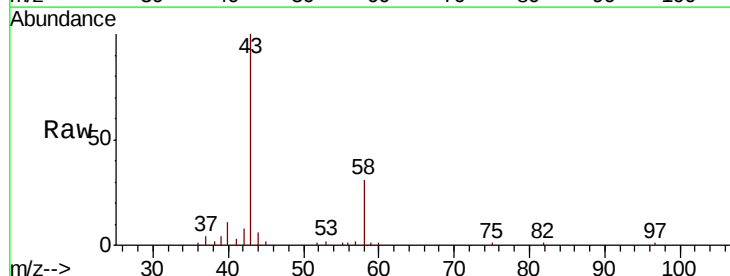


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0

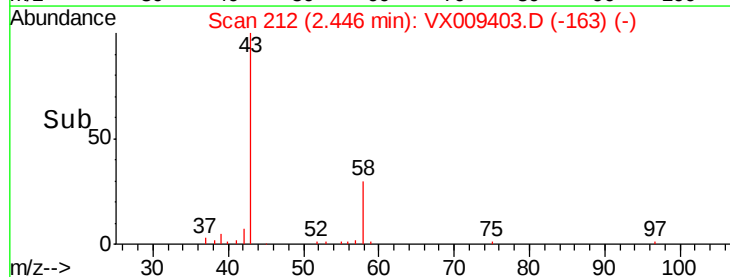
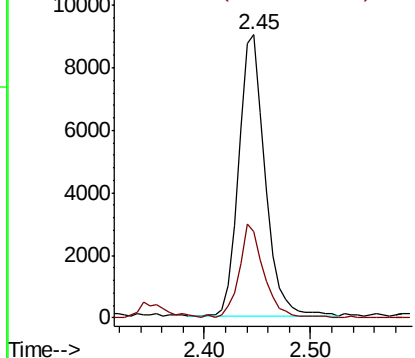


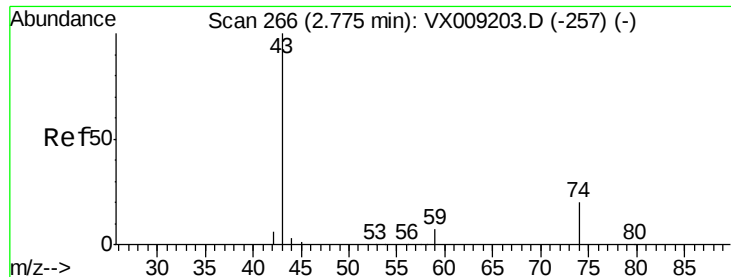
#16
Acetone
Concen: 11.669 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

Tgt Ion: 43 Resp: 15698
Ion Ratio Lower Upper
43 100
58 30.8 24.9 37.3



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





#18

Methyl Acetate

Concen: 1.749 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

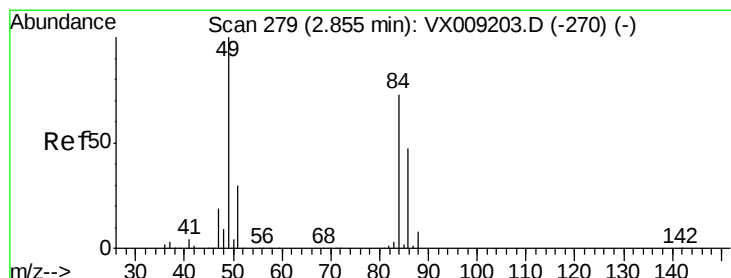
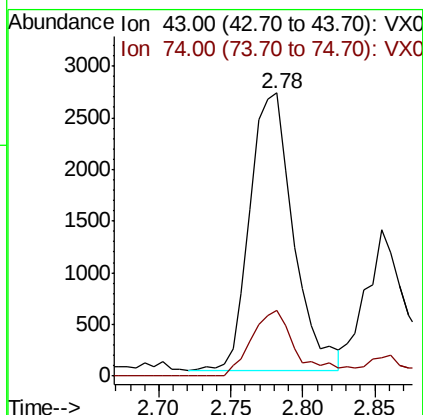
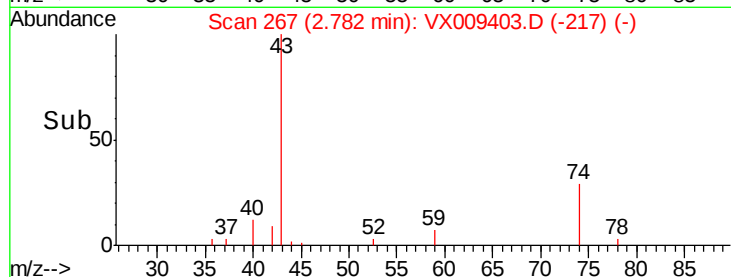
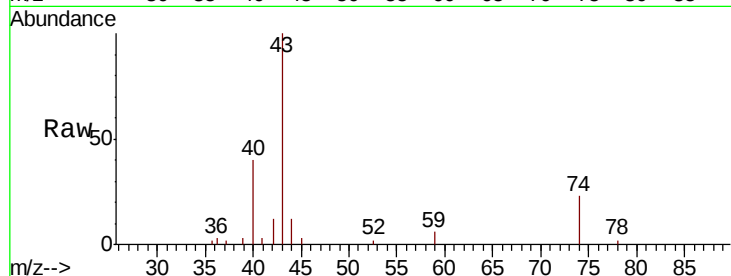
CL-02-050719-D

Tot Ion: 43 Resp: 5596

Ion Ratio Lower Upper

43 100

74 25.1 16.2 24.4#



#20

Methylene Chloride

Concen: 174.677 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Tgt Ion: 84 Resp: 380488

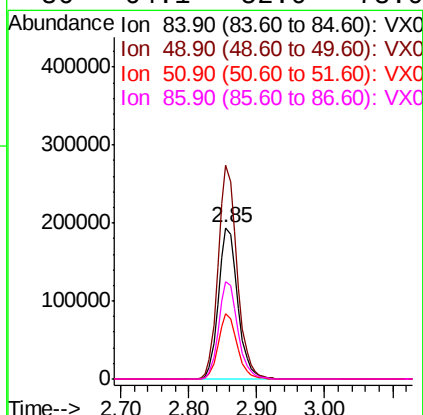
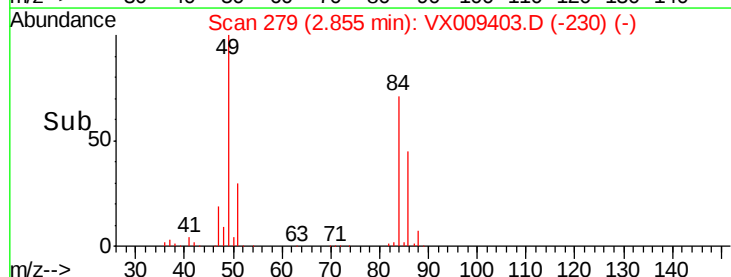
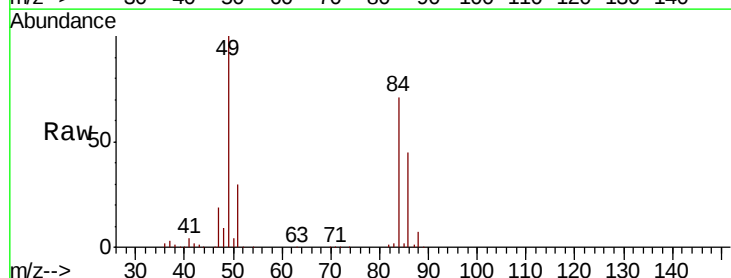
Ion Ratio Lower Upper

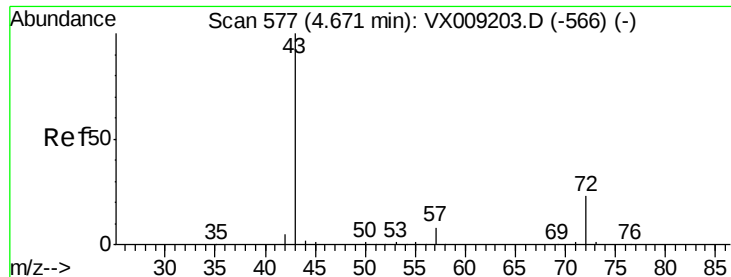
84 100

49 141.1 109.9 164.9

51 42.9 32.7 49.1

86 64.1 52.0 78.0





#25

2-Butanone

Concen: 0.847 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

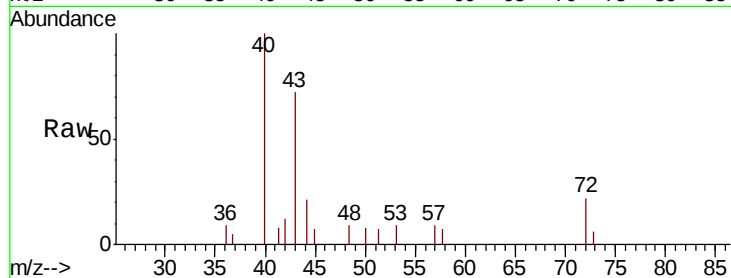
CL-02-050719-D

Tot Ion: 43 Resp: 1770

Ion Ratio Lower Upper

43 100

72 33.9 18.2 27.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

800

600

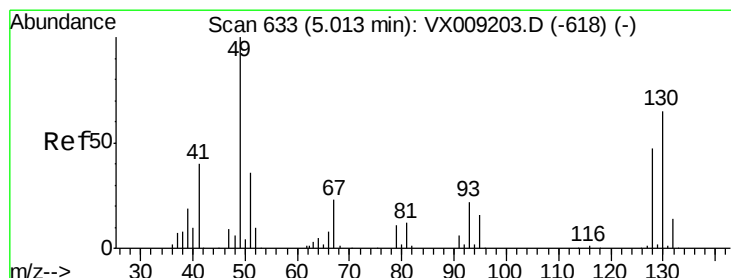
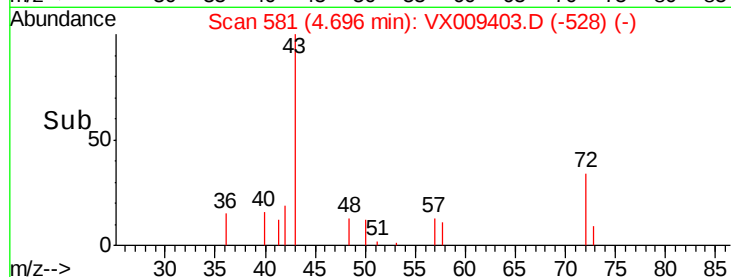
400

200

0

4.60 4.65 4.70 4.75

Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 638

Delta R.T. 0.03 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

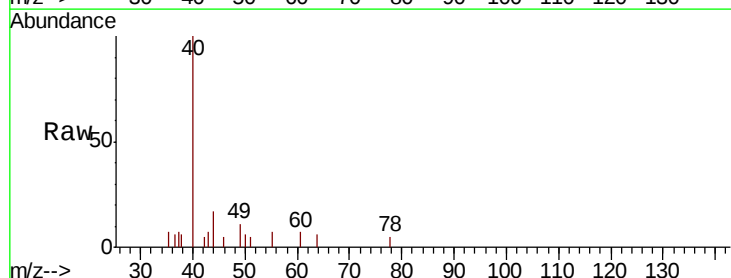
Tgt Ion: 49 Resp: 121

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

150

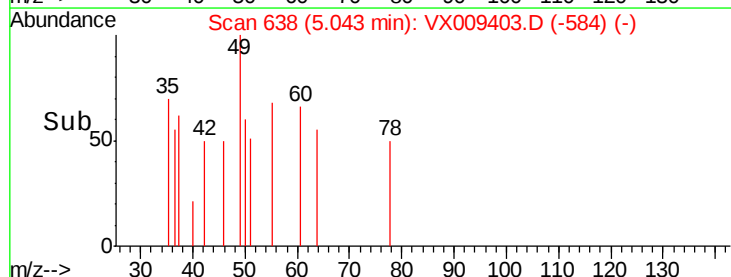
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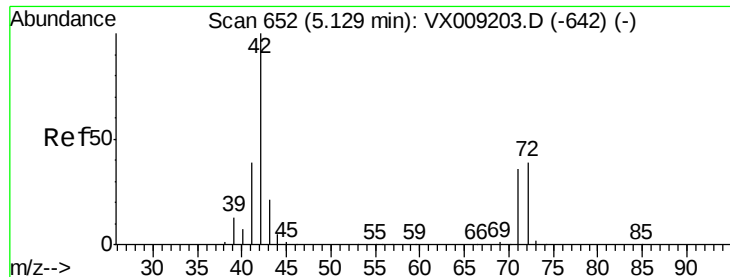
50

0

5.00 5.05

Time-->

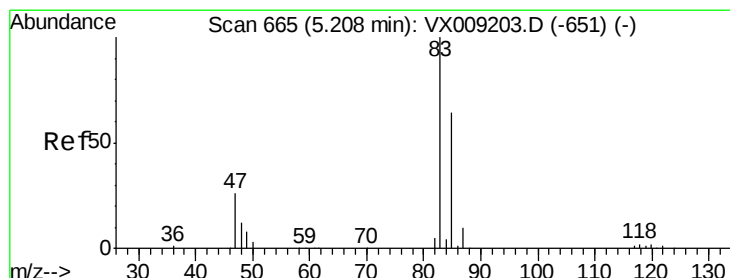
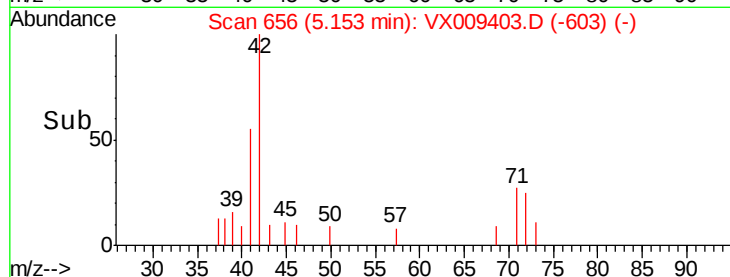
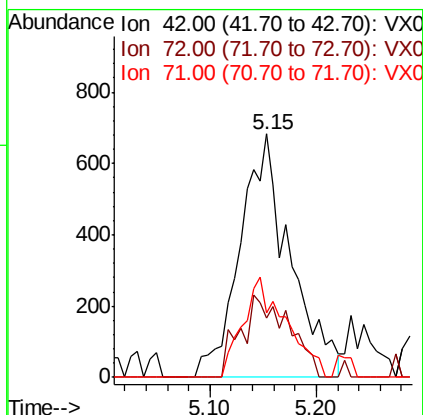
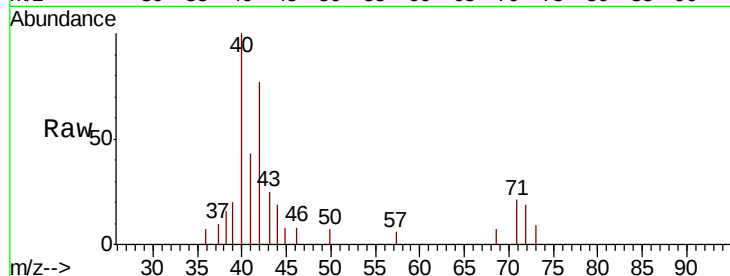




#29
Tetrahydrofuran
Concen: 1.670 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

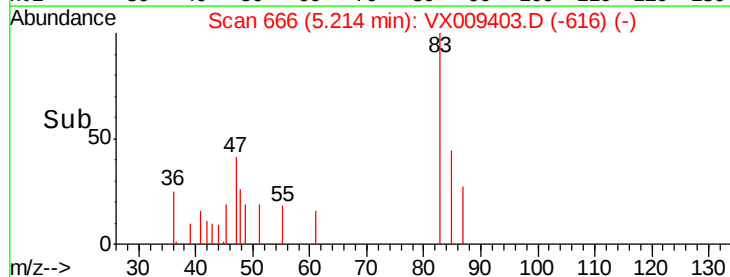
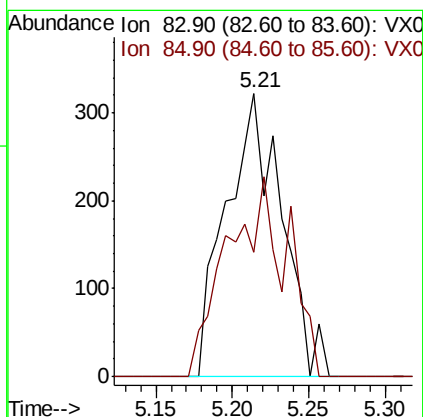
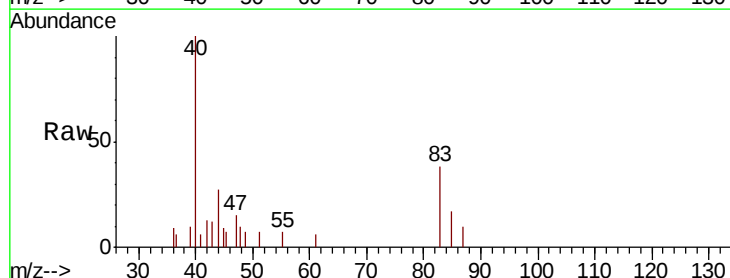
Instrument :
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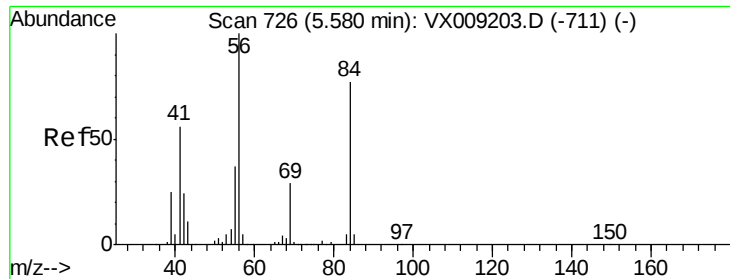
Tot Ion: 42 Resp: 2247
Ion Ratio Lower Upper
42 100
72 32.5 30.4 45.6
71 35.7 28.6 43.0



#30
Chloroform
Concen: 0.226 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

Tgt Ion: 83 Resp: 814
Ion Ratio Lower Upper
83 100
85 44.1 51.5 77.3#

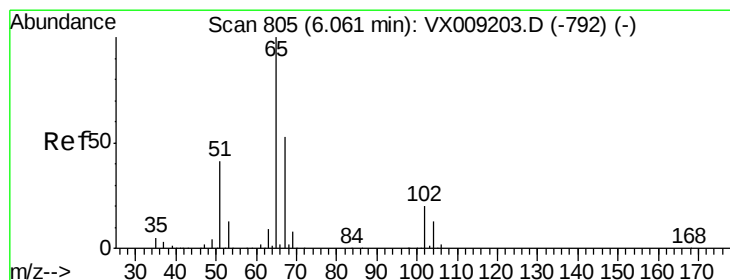
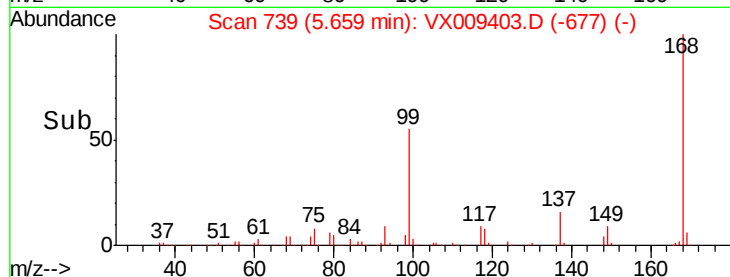
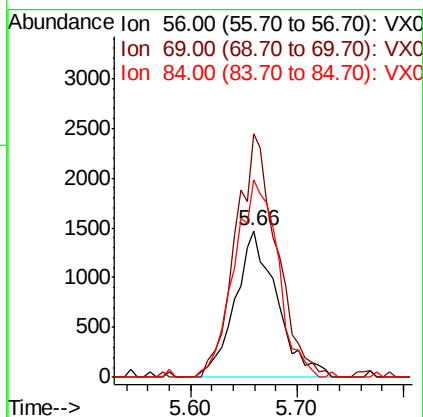
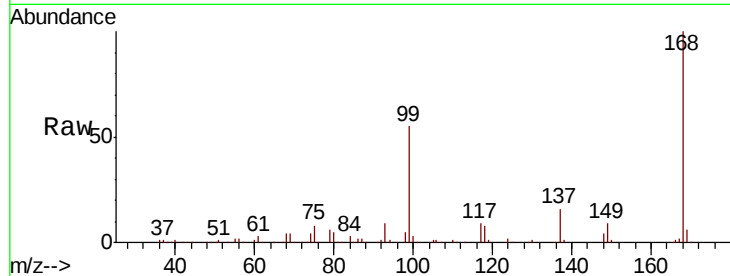




#31
Cyclohexane
Concen: 1.094 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

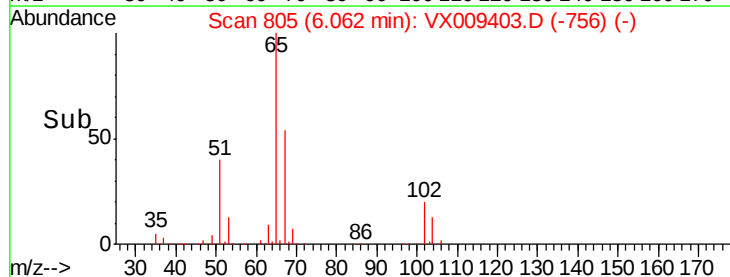
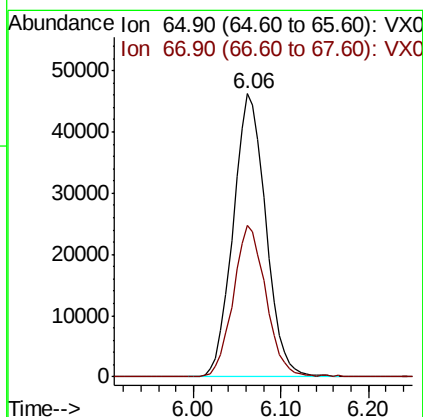
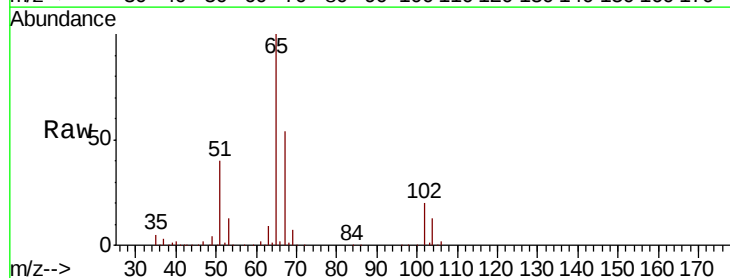
Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-D

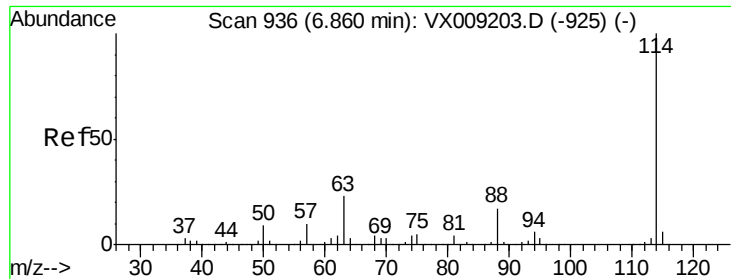
Tot Ion: 56 Resp: 4051
Ion Ratio Lower Upper
56 100
69 166.1 23.4 35.0#
84 135.1 61.9 92.9#



#33
1,2-Dichloroethane-d4
Concen: 47.952 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

Tgt Ion: 65 Resp: 120138
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6

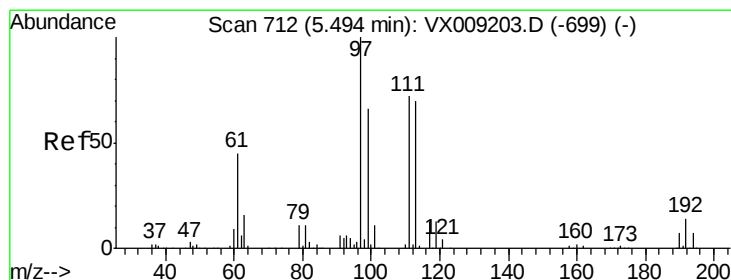
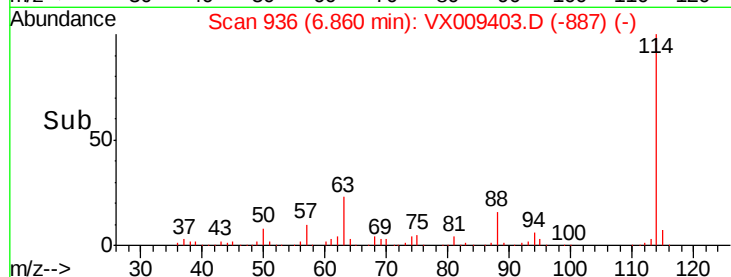
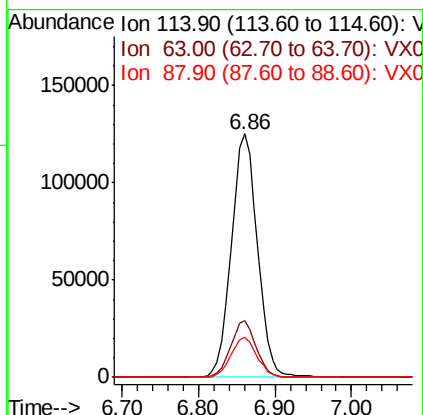
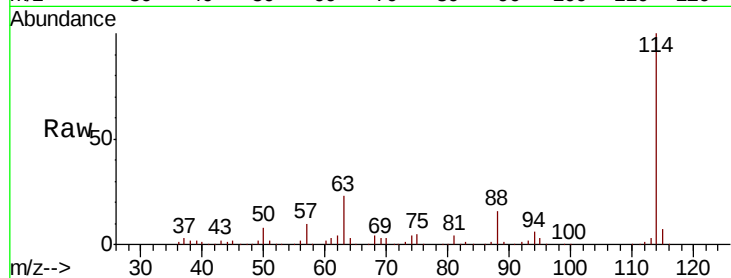




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009403.D
 Acq: 08 May 2019 17:07

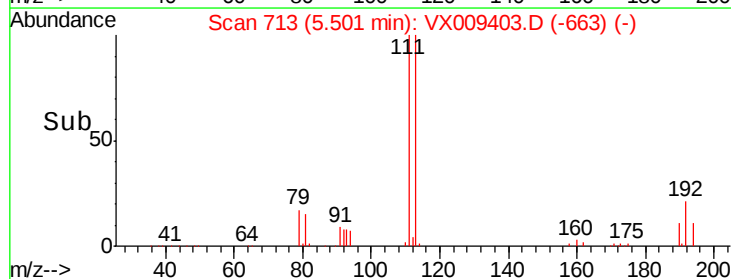
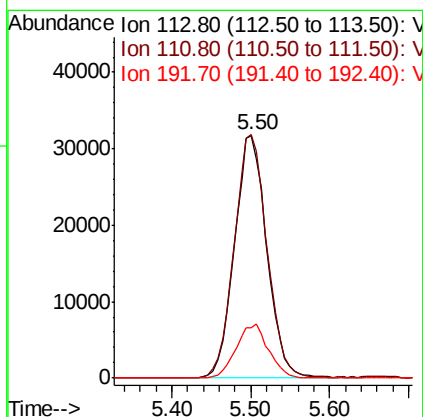
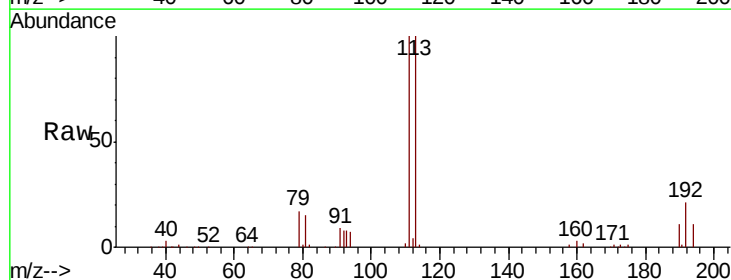
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-050719-D

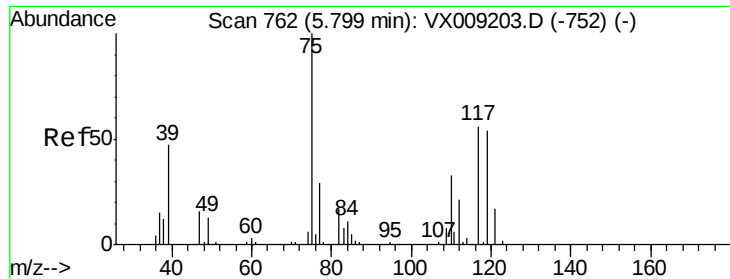
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.6
88	16.4	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 48.585 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009403.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	22.3	17.0	25.6





#36

1,1-Dichloropropene

Concen: 5.139 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

CL-02-050719-D

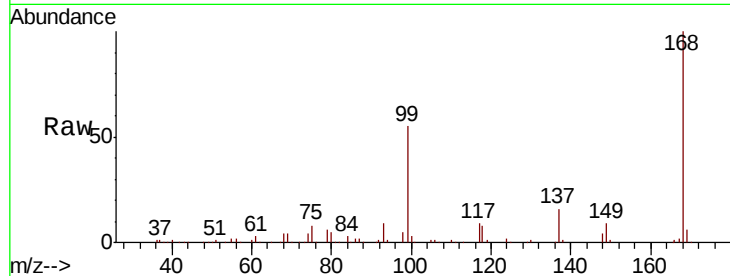
Tot Ion: 75 Resp: 14119

Ion Ratio Lower Upper

75 100

110 9.1 16.9 50.6#

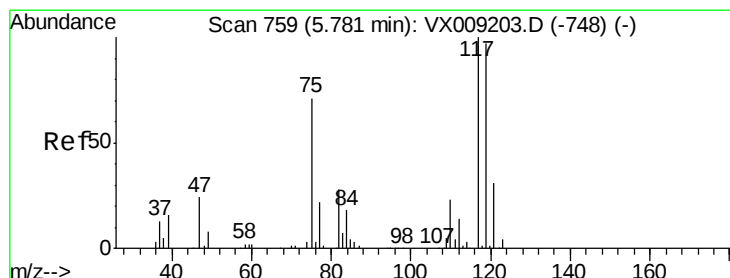
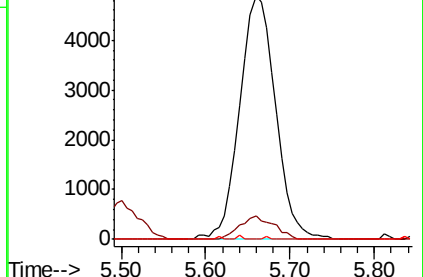
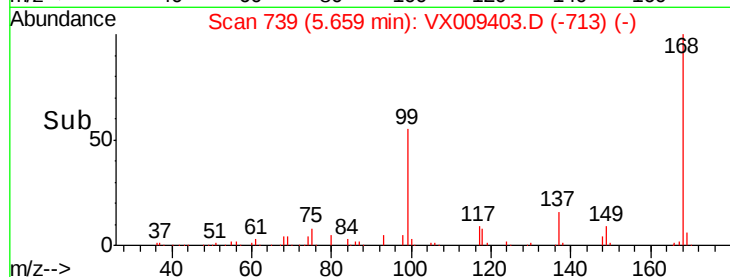
77 0.1 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX009403.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX009403.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX009403.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.730 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

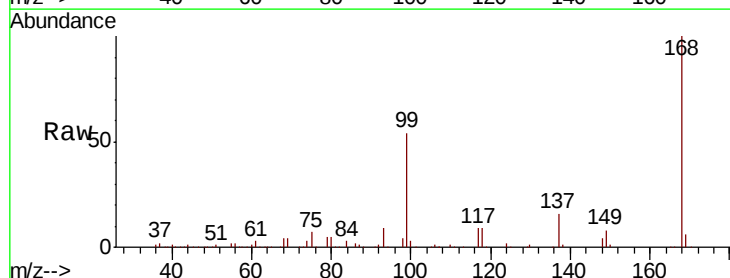
Tgt Ion: 117 Resp: 16797

Ion Ratio Lower Upper

117 100

119 4.1 77.5 116.3#

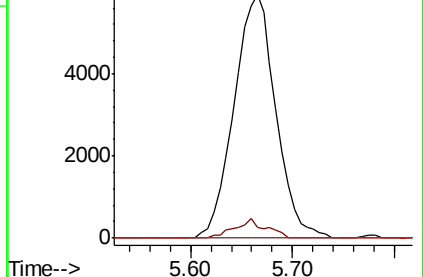
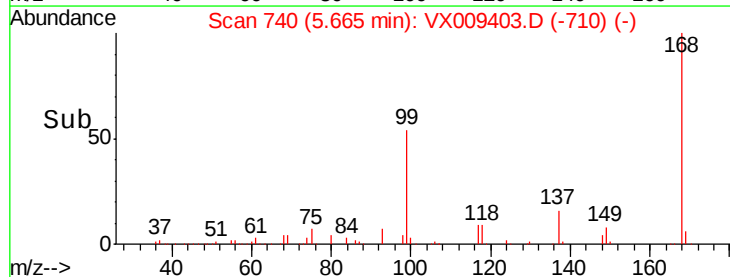
121 0.0 24.7 37.1#

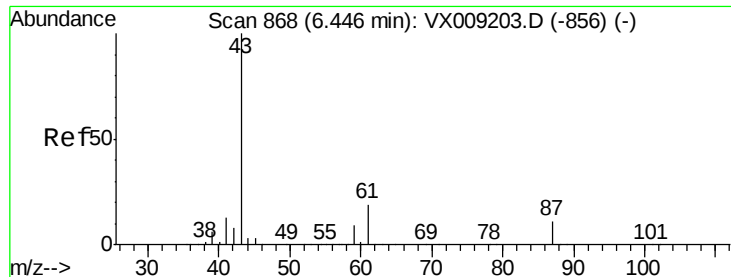


Abundance Ion 116.80 (116.50 to 117.50): VX009403.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX009403.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX009403.D (-710) (-)





#43

Isopropyl Acetate

Concen: 1.939 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

CL-02-050719-D

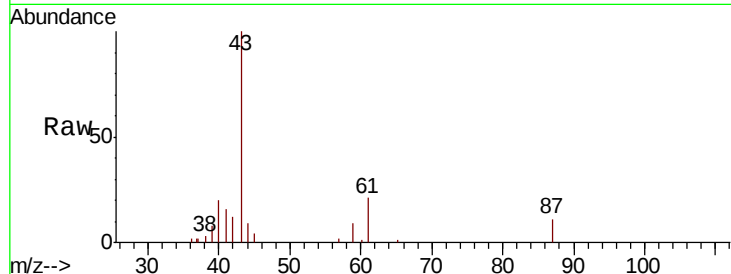
Tot Ion: 43 Resp: 11872

Ion Ratio Lower Upper

43 100

61 19.7 15.1 22.7

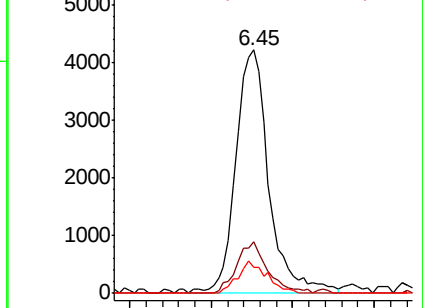
87 11.6 9.0 13.6



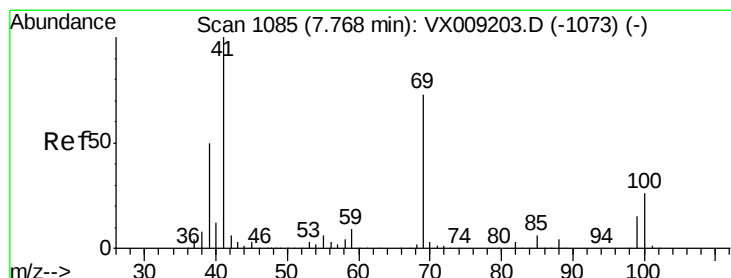
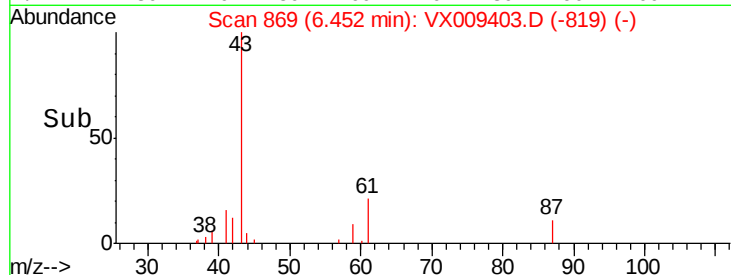
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#48

Methyl methacrylate

Concen: 2.482 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

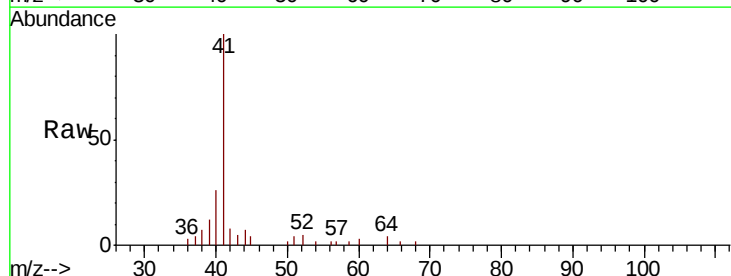
Tgt Ion: 41 Resp: 7539

Ion Ratio Lower Upper

41 100

69 0.0 59.1 88.7#

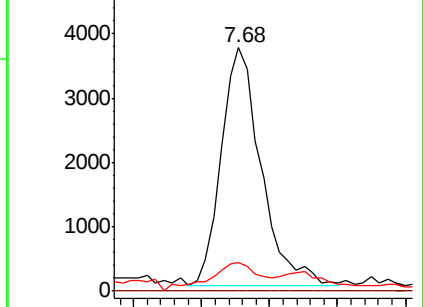
39 0.0 40.4 60.6#



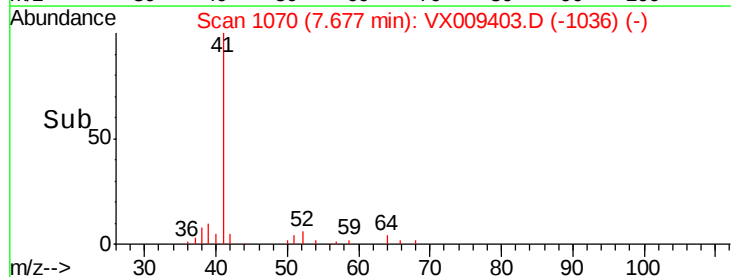
Abundance Ion 41.00 (40.70 to 41.70): VX0

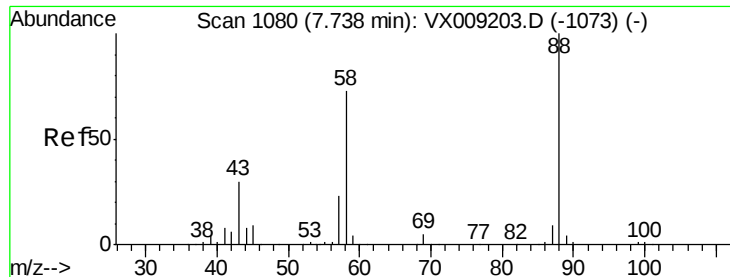
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->





#49

1,4-Dioxane

Concen: 2.305 ug/l

RT: 7.87 min Scan# 1102

Delta R.T. 0.13 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

CL-02-050719-D

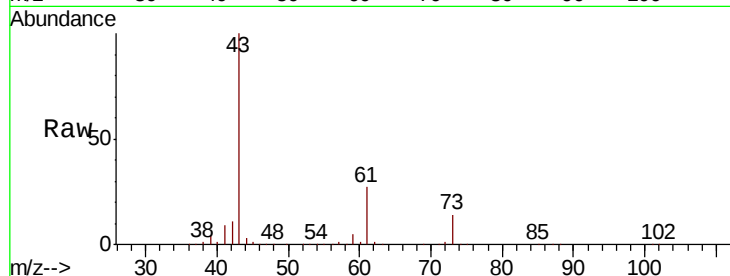
Tot Ion: 88 Resp: 142

Ion Ratio Lower Upper

88 100

43 798273.2 28.6 42.8#

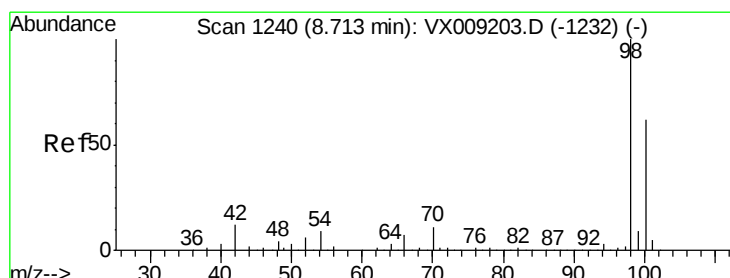
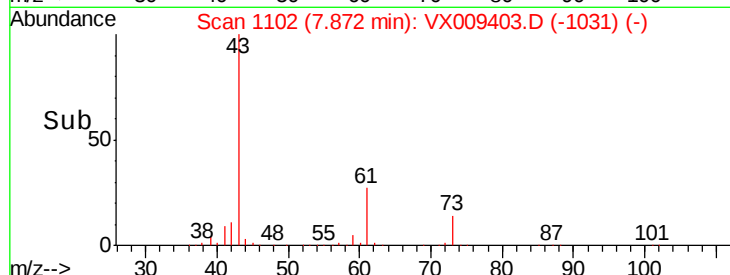
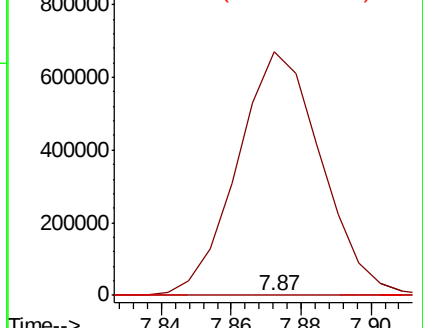
58 3161.3 61.7 92.5#



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: 49.649 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009403.D

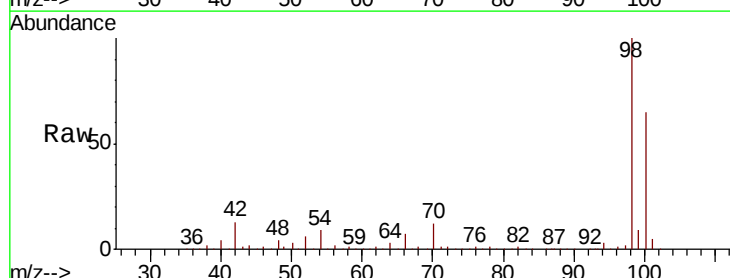
Acq: 08 May 2019 17:07

Tgt Ion: 98 Resp: 372493

Ion Ratio Lower Upper

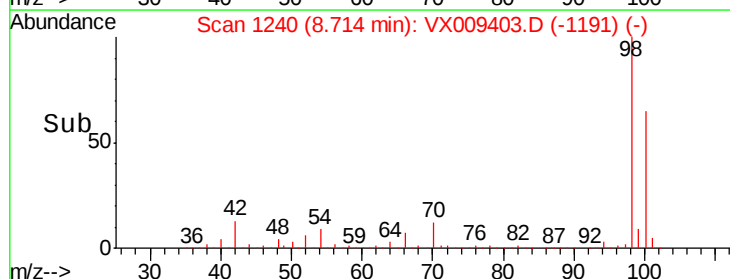
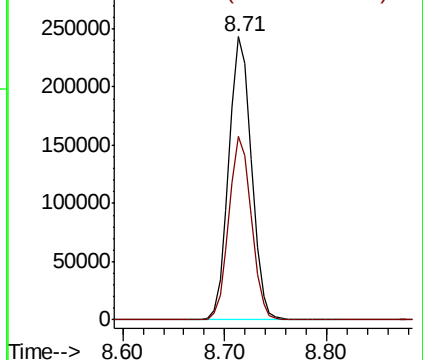
98 100

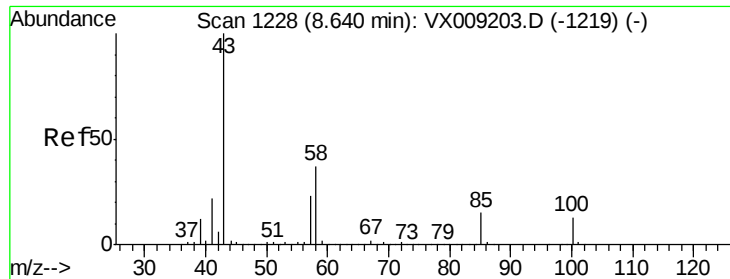
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

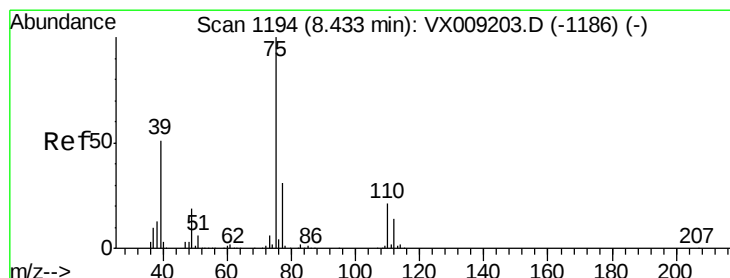
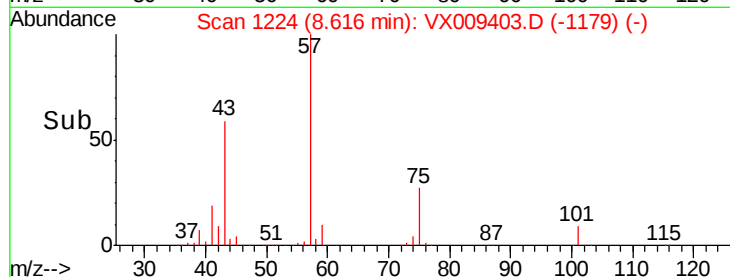
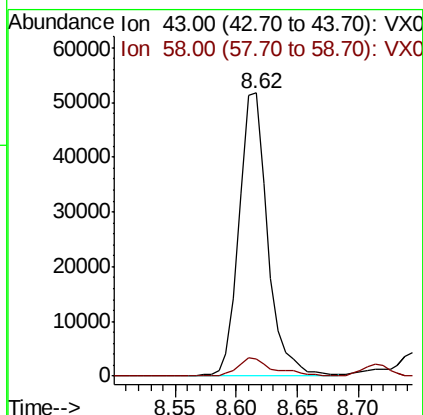
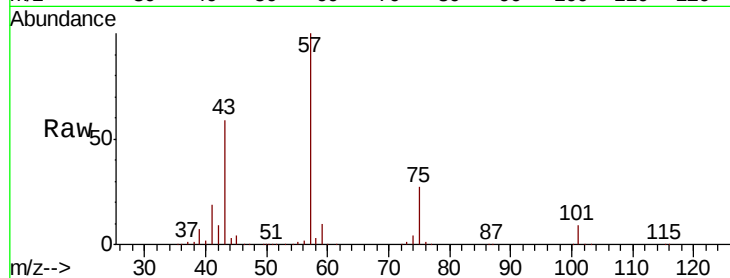




#51
 4-Methyl-2-Pentanone
 Concen: 20.714 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: VX009403.D
 Acq: 08 May 2019 17:07

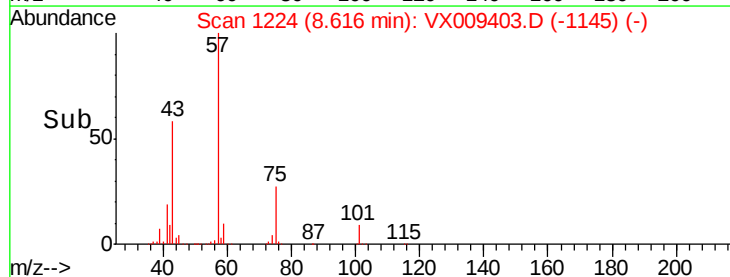
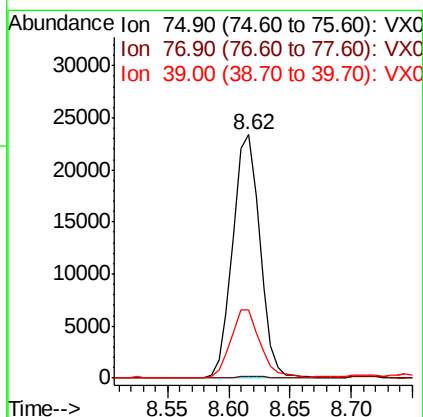
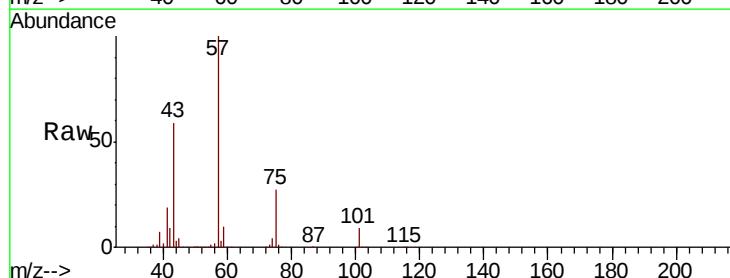
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-050719-D

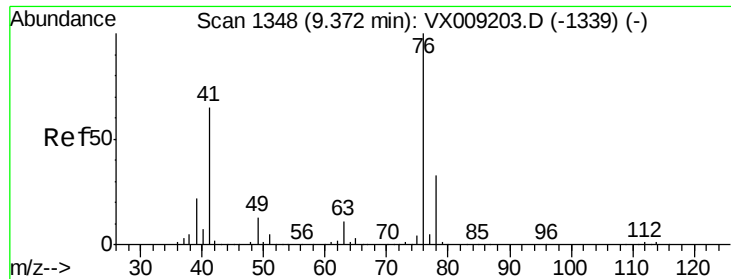
Tot Ion: 43 Resp: 82894
 Ion Ratio Lower Upper
 43 100
 58 7.9 29.5 44.3#



#54
 cis-1,3-Dichloropropene
 Concen: 10.338 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX009403.D
 Acq: 08 May 2019 17:07

Tgt Ion: 75 Resp: 36028
 Ion Ratio Lower Upper
 75 100
 77 0.5 24.6 36.8#
 39 27.7 40.6 60.8#

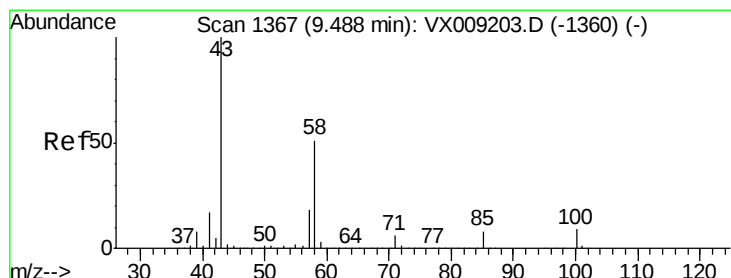
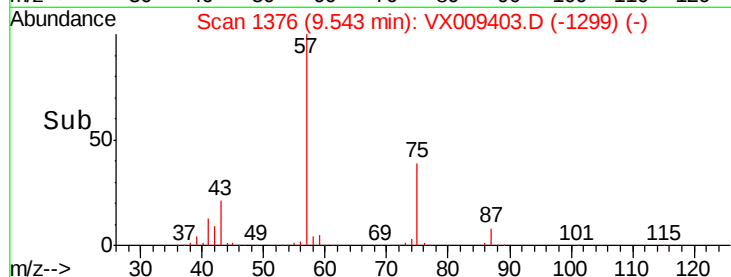
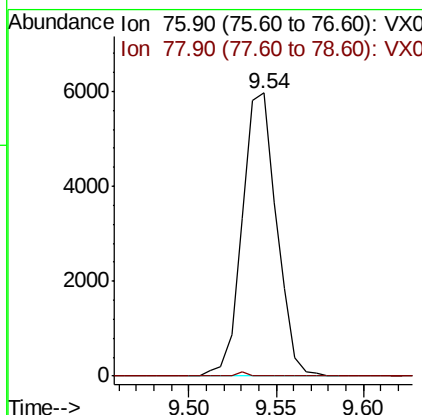
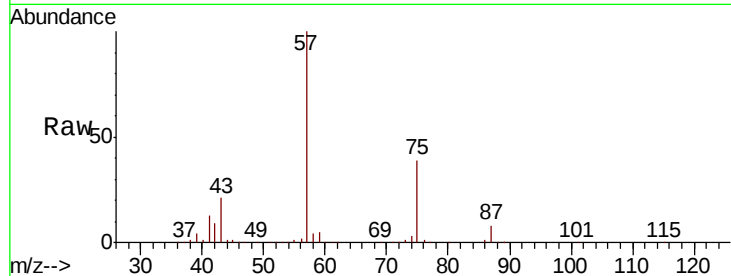




#57
 1,3-Dichloropropane
 Concen: 2.206 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX009403.D
 Acq: 08 May 2019 17:07

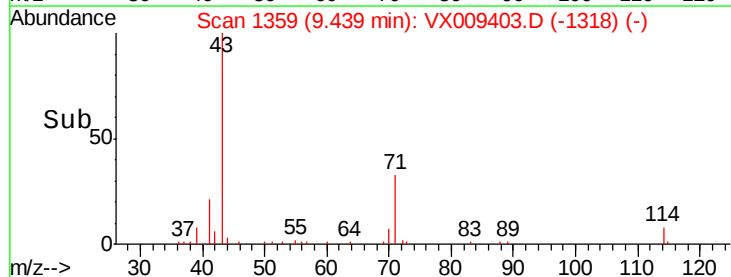
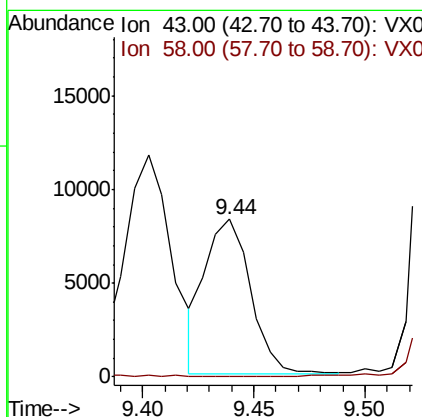
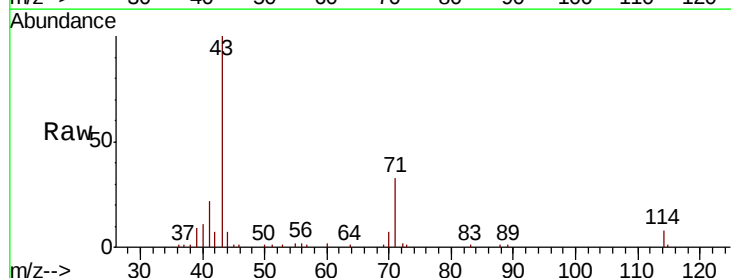
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-050719-D

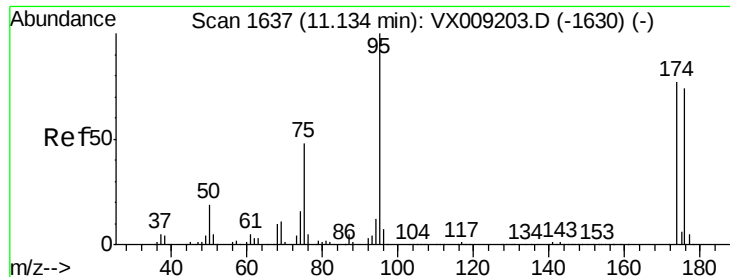
Tot Ion: 76 Resp: 8184
 Ion Ratio Lower Upper
 76 100
 78 0.4 25.5 38.3#



#59
 2-Hexanone
 Concen: 3.774 ug/l
 RT: 9.44 min Scan# 1359
 Delta R.T. -0.05 min
 Lab File: VX009403.D
 Acq: 08 May 2019 17:07

Tgt Ion: 43 Resp: 11860
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 45.977 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

CL-02-050719-D

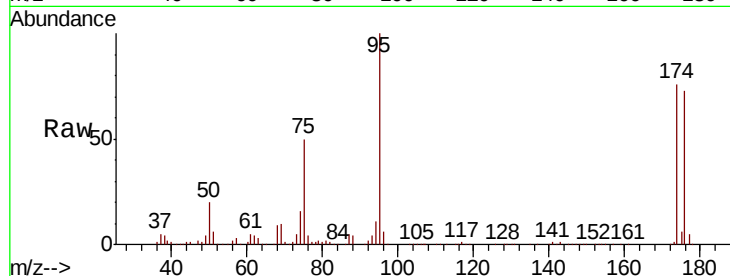
Tot Ion: 95 Resp: 125341

Ion Ratio Lower Upper

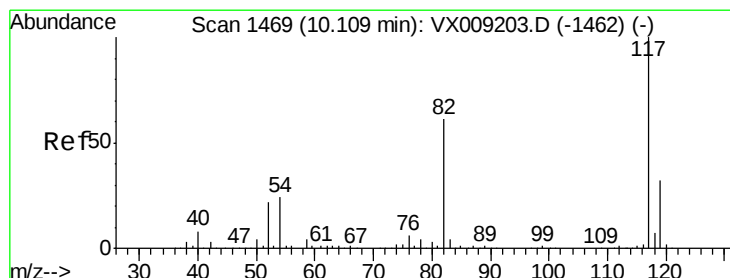
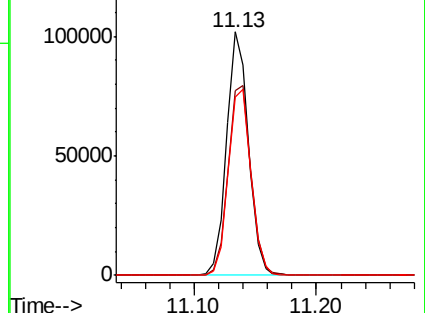
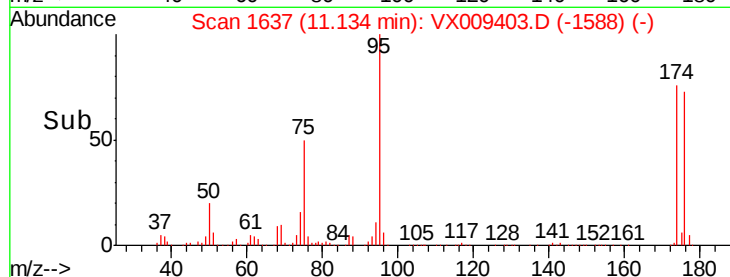
95 100

174 81.7 0.0 161.6

176 79.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009403.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

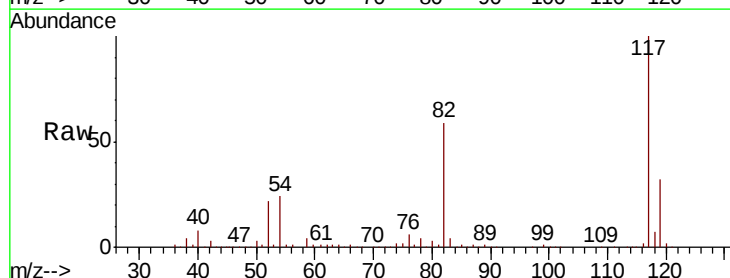
Tgt Ion: 117 Resp: 261344

Ion Ratio Lower Upper

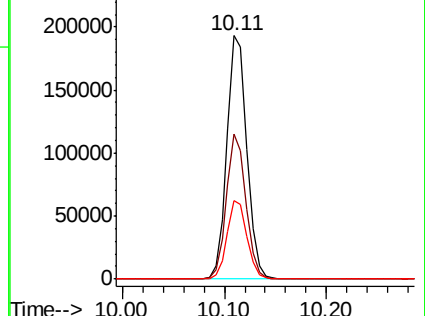
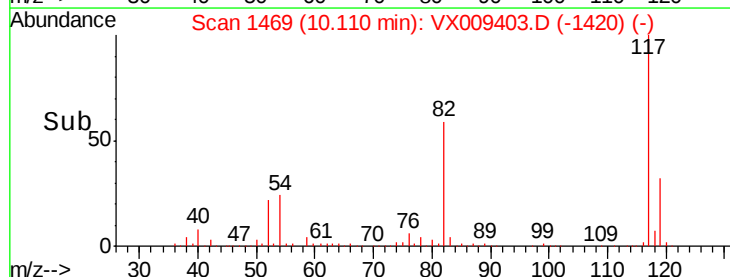
117 100

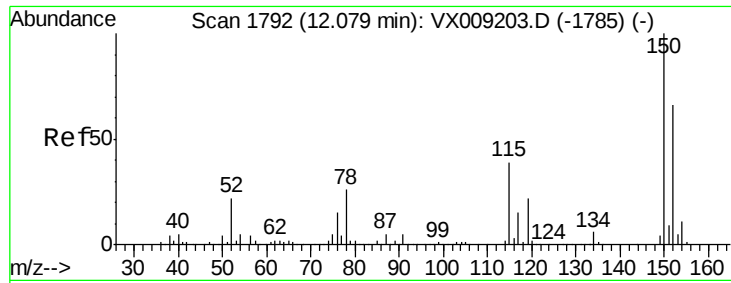
82 59.4 48.8 73.2

119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX009403.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

CL-02-050719-D

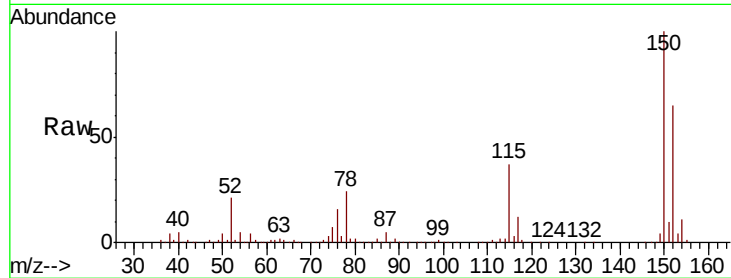
Tot Ion:152 Resp: 114408

Ion Ratio Lower Upper

152 100

115 58.3 41.2 123.6

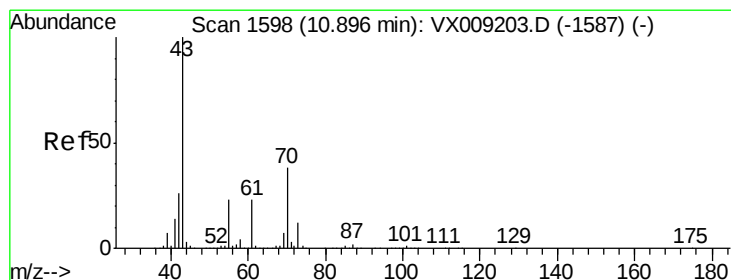
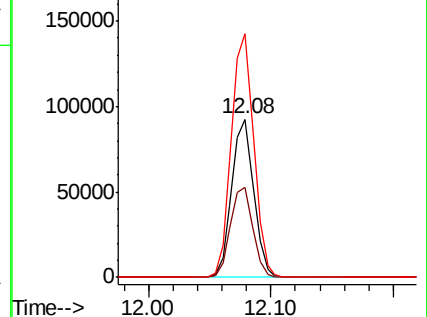
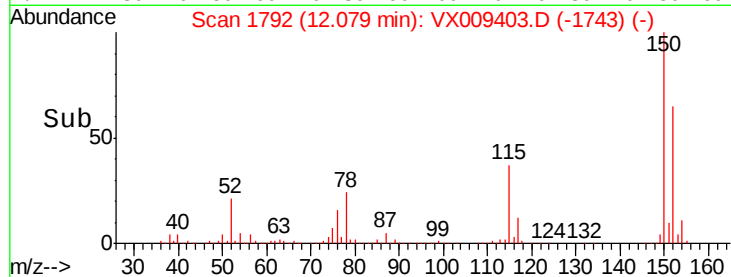
150 157.7 0.0 346.4



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



#74

N-ethyl acetate

Concen: 2.605 ug/l

RT: 10.69 min Scan# 1564

Delta R.T. -0.21 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Tgt Ion: 43 Resp: 12634

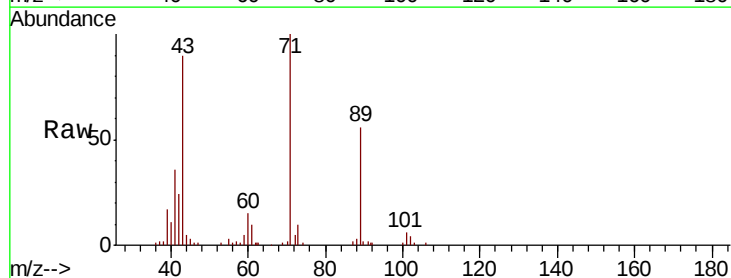
Ion Ratio Lower Upper

43 100

70 2.8 30.0 45.0#

55 4.8 17.9 26.9#

61 12.4 18.4 27.6#

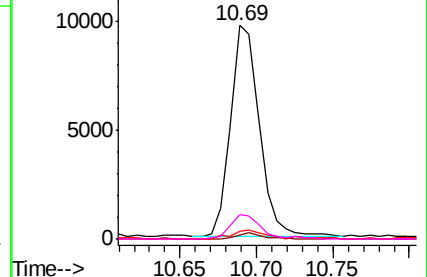
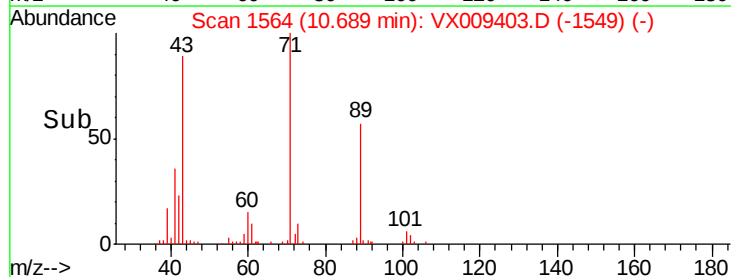


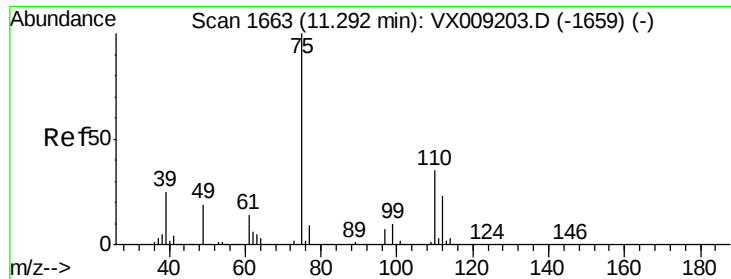
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 23.675 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

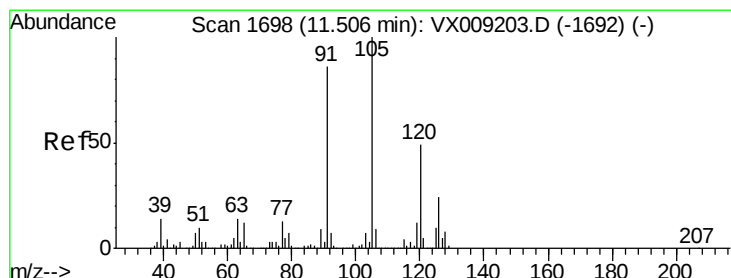
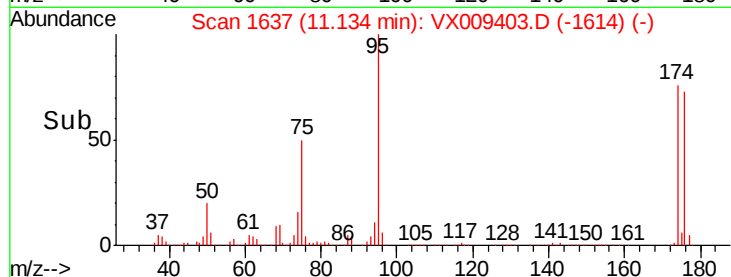
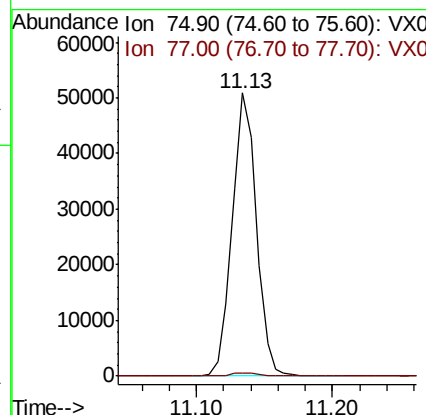
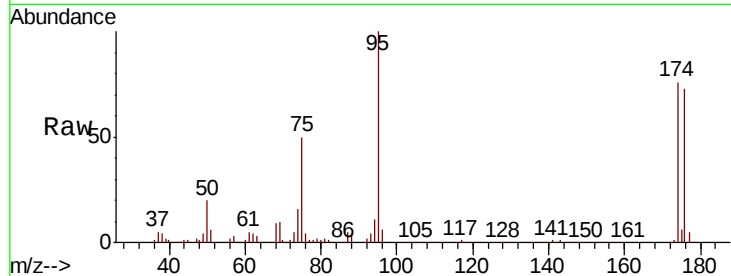
CL-02-050719-D

Tot Ion: 75 Resp: 62829

Ion Ratio Lower Upper

75 100

77 1.5 22.1 66.1#



#80

1,3,5-Trimethylbenzene

Concen: 0.366 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009403.D

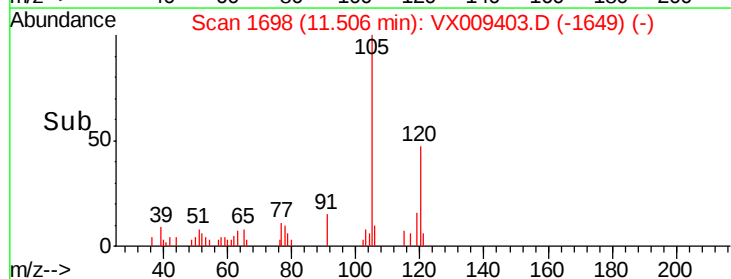
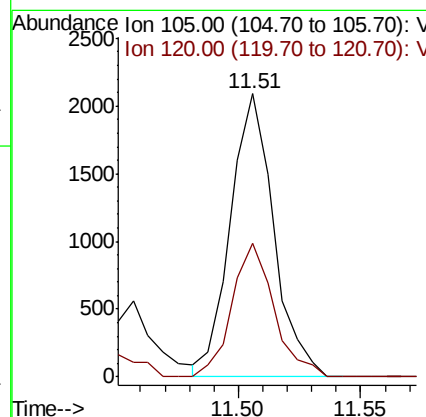
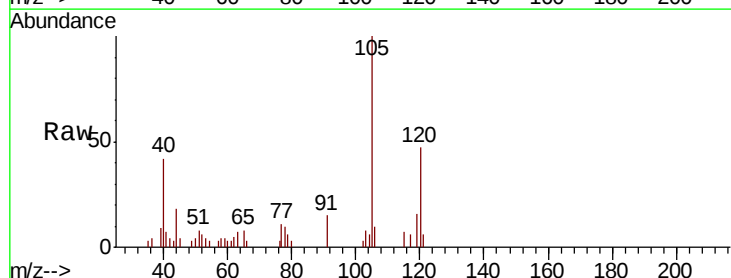
Acq: 08 May 2019 17:07

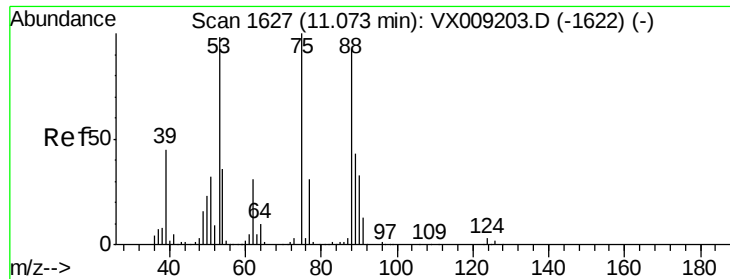
Tgt Ion: 105 Resp: 2564

Ion Ratio Lower Upper

105 100

120 45.8 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 60.575 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

CL-02-050719-D

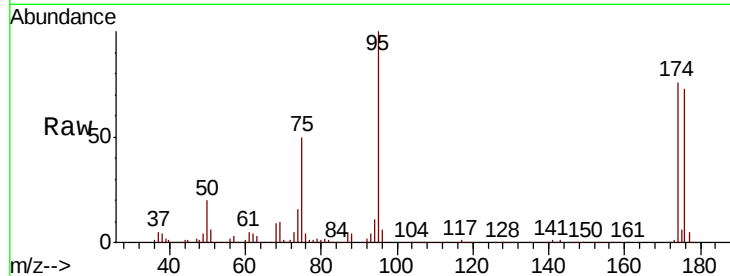
Tot Ion: 75 Resp: 62829

Ion Ratio Lower Upper

75 100

53 0.0 79.0 118.6#

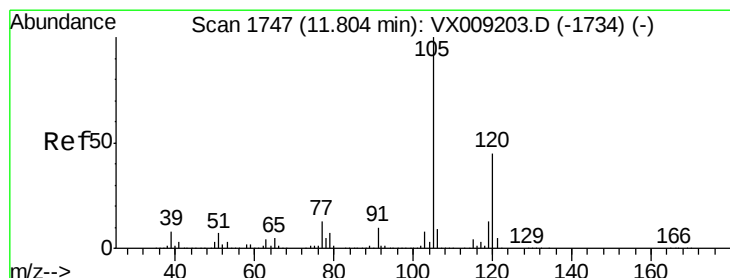
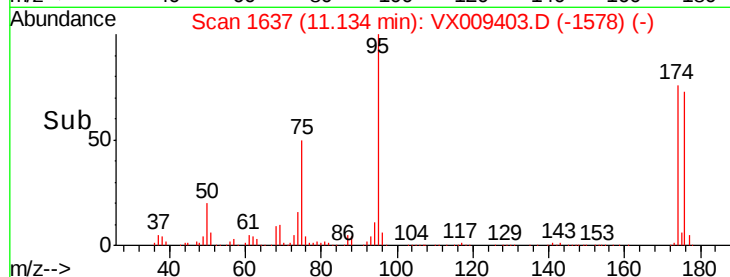
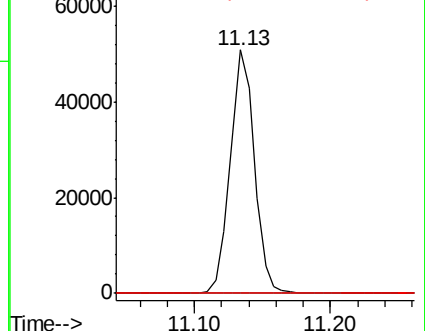
89 0.0 34.7 52.1#



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: 0.339 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009403.D

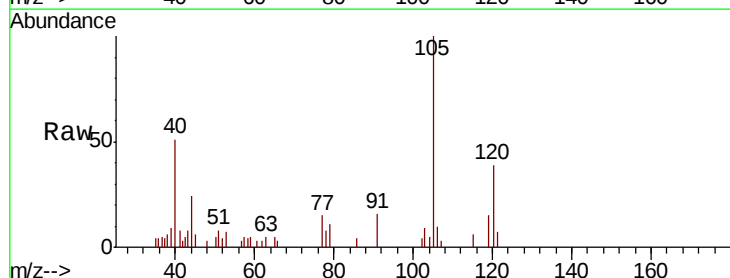
Acq: 08 May 2019 17:07

Tgt Ion: 105 Resp: 2386

Ion Ratio Lower Upper

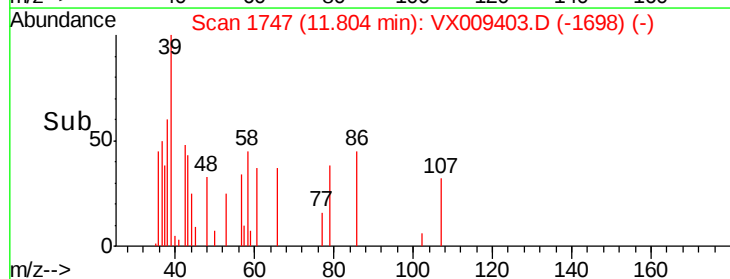
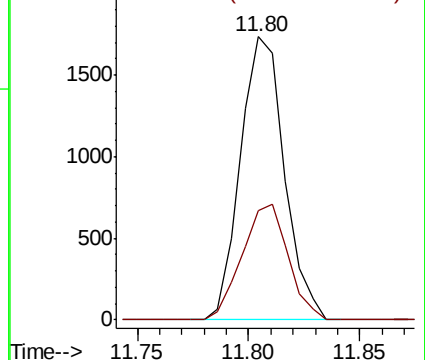
105 100

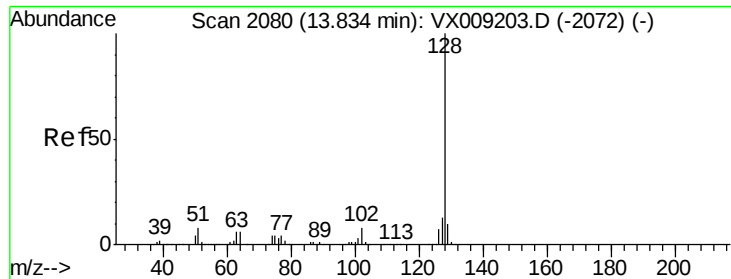
120 42.9 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

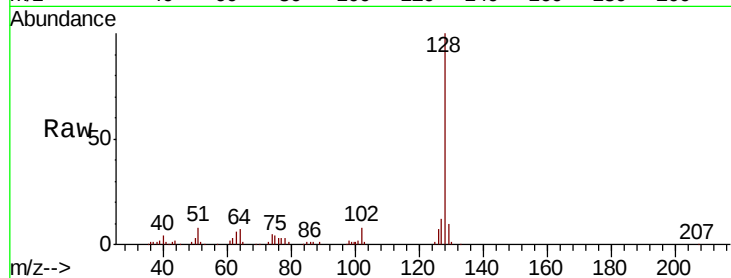




#95
Naphthalene
Concen: 2.846 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-D

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.4	15.6
129	10.9	8.6	13.0



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

