

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009410.D
 Acq On : 08 May 2019 19:52
 Operator : JC/SP
 Sample : K2645-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: May 09 06:33:41 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	5.67	168	182492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119667	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	5.49	113	89682	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	372549	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	125954	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	

Target Compounds

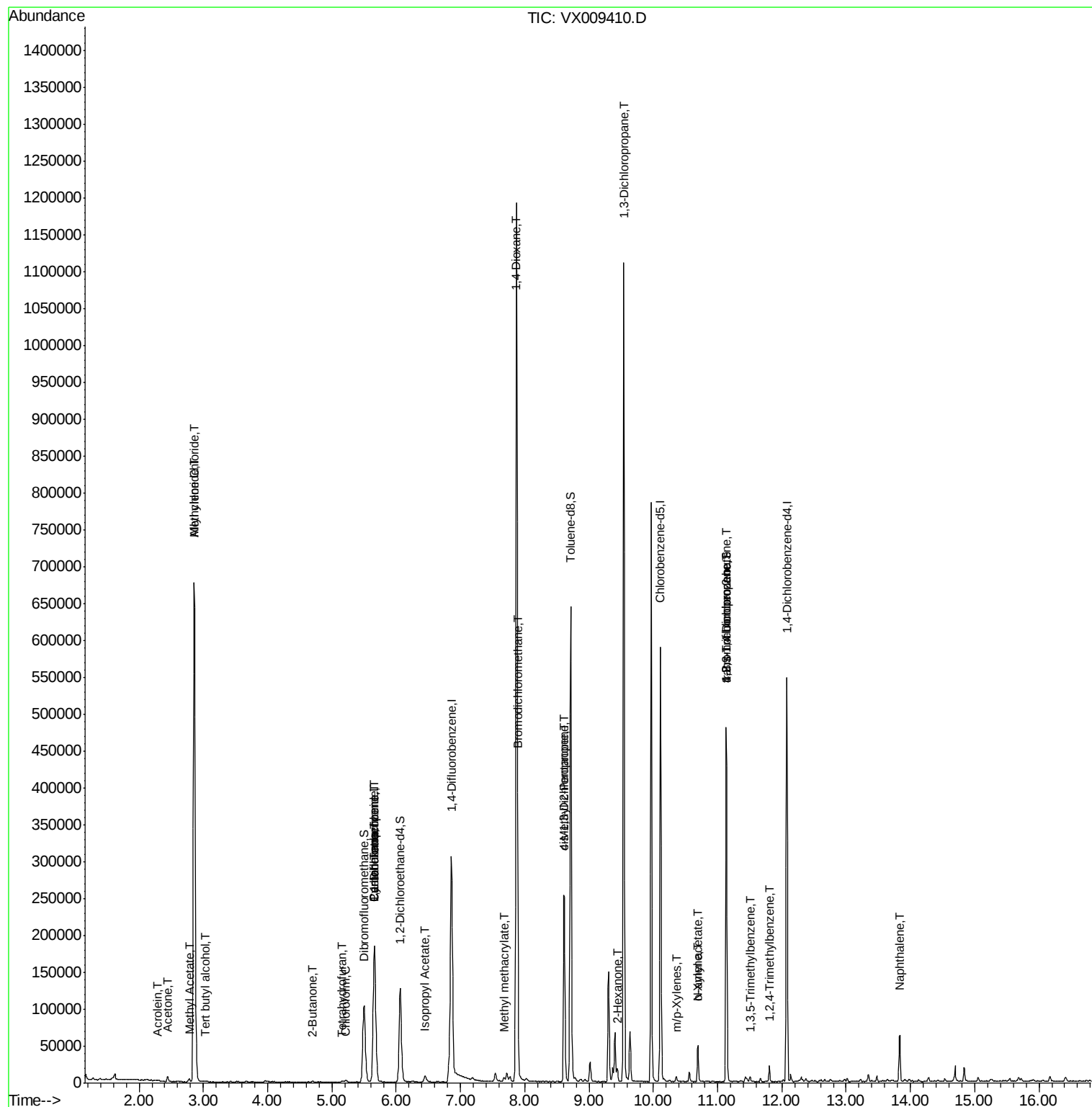
						Qvalue
11) Tert butyl alcohol	3.04	59	513	0.890	ug/l #	94
13) Acrolein	2.29	56	126	0.241	ug/l #	14
14) Allyl chloride	2.85	41	16265	3.898	ug/l #	31
16) Acetone	2.45	43	7565	5.655	ug/l	94
18) Methyl Acetate	2.78	43	5502	1.729	ug/l	93
20) Methylene Chloride	2.85	84	315259	145.555	ug/l	98
25) 2-Butanone	4.70	43	1253	0.603	ug/l #	72
28) Bromochloromethane	5.01	49	78	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	1130	0.845	ug/l #	60
30) Chloroform	5.22	83	2221	0.620	ug/l	86
31) Cyclohexane	5.67	56	3734	1.014	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14206	5.206	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16837	6.792	ug/l #	16
43) Isopropyl Acetate	6.45	43	11608	1.909	ug/l	96
47) Bromodichloromethane	7.90	83	634	0.229	ug/l #	83
48) Methyl methacrylate	7.68	41	7701	2.553	ug/l #	18
49) 1,4-Dioxane	7.87	88	187	3.056	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	88735	22.325	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	39623	11.448	ug/l #	57
57) 1,3-Dichloropropane	9.54	76	8977	2.436	ug/l #	43
59) 2-Hexanone	9.44	43	12264	3.929	ug/l #	26
68) m/p-Xylenes	10.35	106	1472	0.414	ug/l	98
69) o-Xylene	10.70	106	777	0.222	ug/l	95
74) N-amyl acetate	10.69	43	12089	2.480	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	63043	23.634	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	2929	0.416	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	63043	60.471	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	8756	1.239	ug/l	99
95) Naphthalene	13.83	128	39471	4.708	ug/l	98

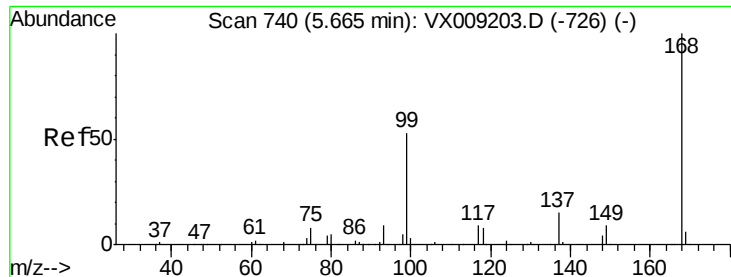
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050819\
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Quant Time: May 09 06:33:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

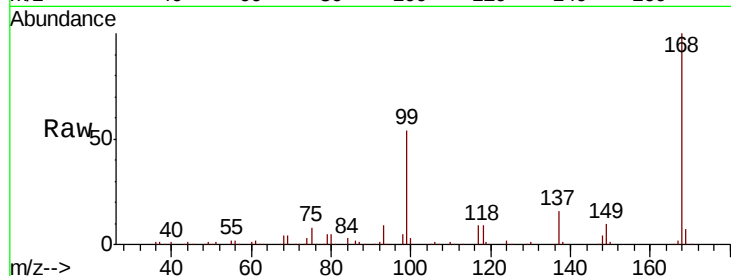
PL-02-050719-D

Tot Ion:168 Resp: 182492

Ion Ratio Lower Upper

168 100

99 53.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

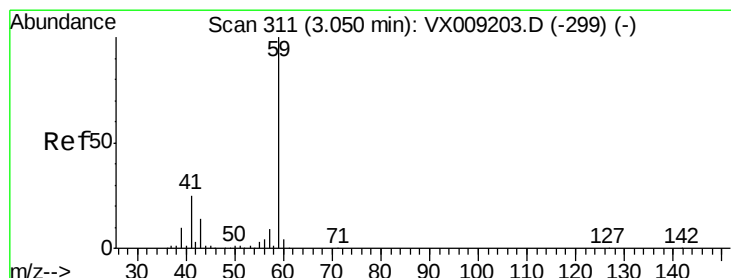
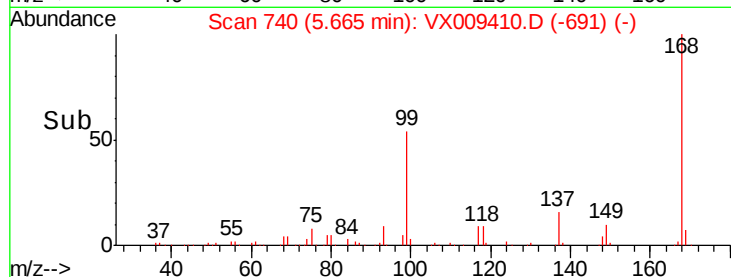
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 0.890 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX009410.D

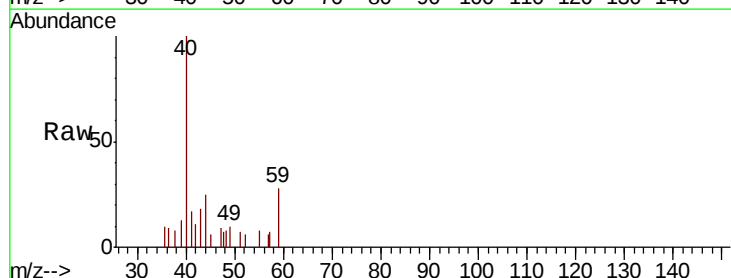
Acq: 08 May 2019 19:52

Tgt Ion: 59 Resp: 513

Ion Ratio Lower Upper

59 100

57 7.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

250

200

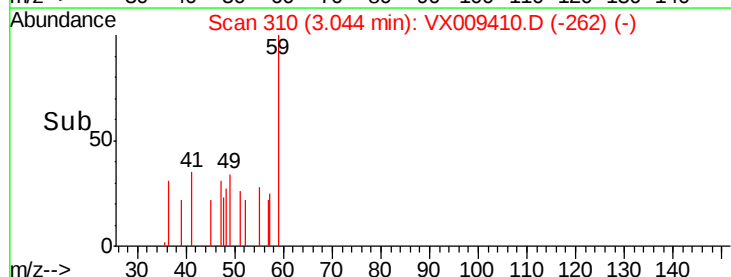
150

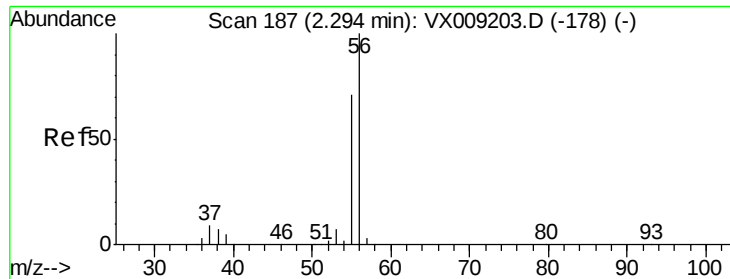
100

50

0

Time--> 3.00 3.05 3.10





#13

Acrolein

Concen: 0.241 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

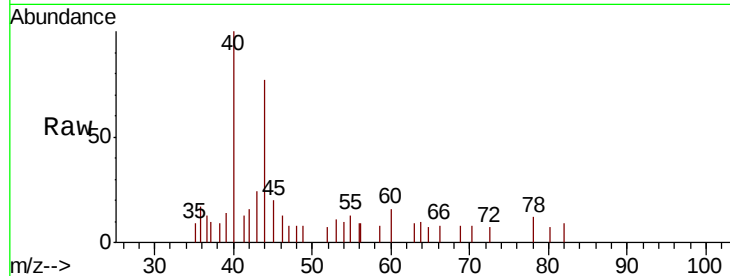
PL-02-050719-D

Tot Ion: 56 Resp: 126

Ion Ratio Lower Upper

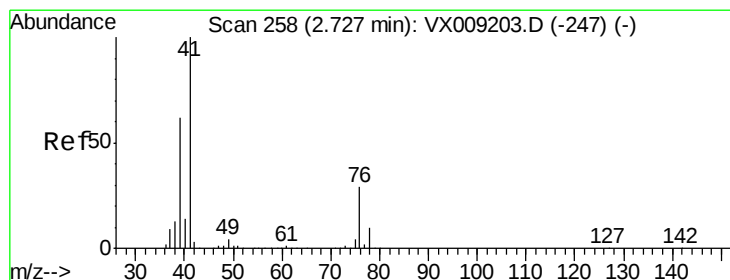
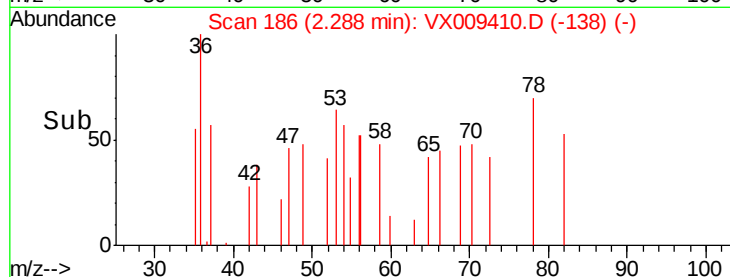
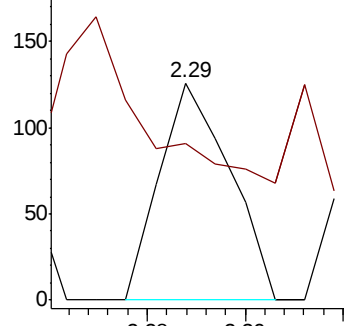
56 100

55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 3.898 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.13 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

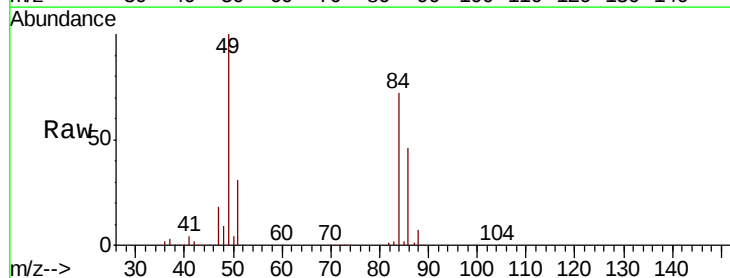
Tgt Ion: 41 Resp: 16265

Ion Ratio Lower Upper

41 100

39 1.1 46.7 70.1#

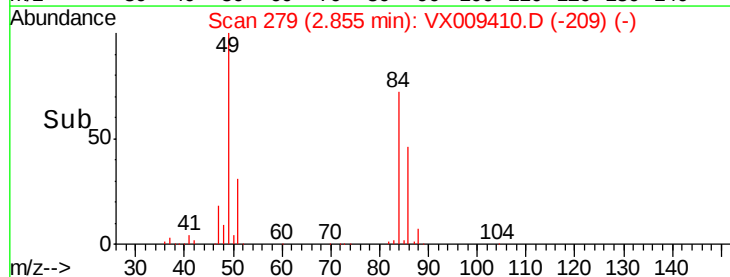
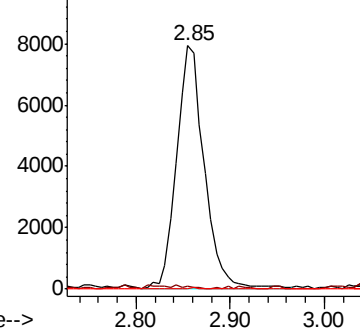
76 0.1 21.8 32.8#

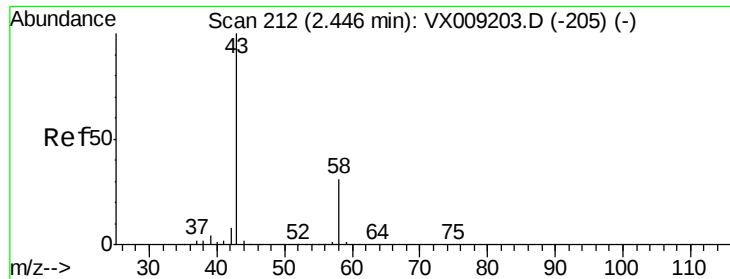


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 5.655 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

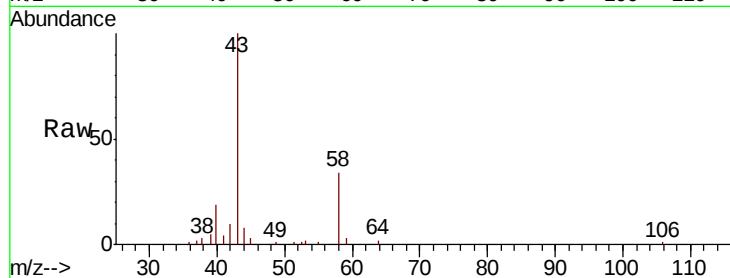
PL-02-050719-D

Tot Ion: 43 Resp: 7565

Ion Ratio Lower Upper

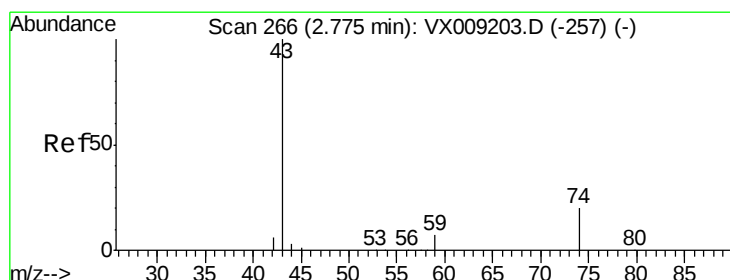
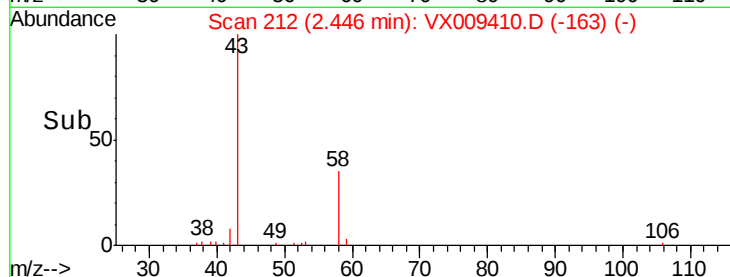
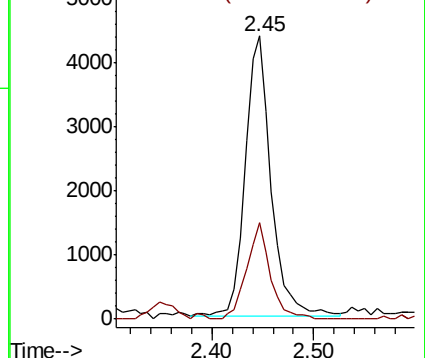
43 100

58 34.5 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: 1.729 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009410.D

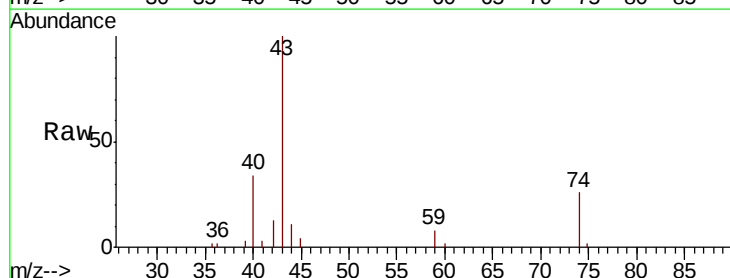
Acq: 08 May 2019 19:52

Tgt Ion: 43 Resp: 5502

Ion Ratio Lower Upper

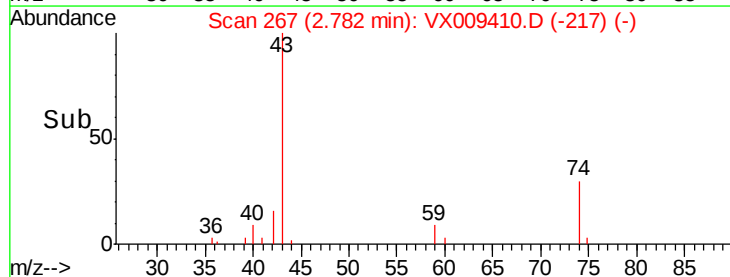
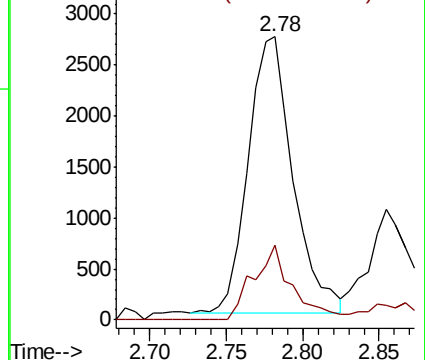
43 100

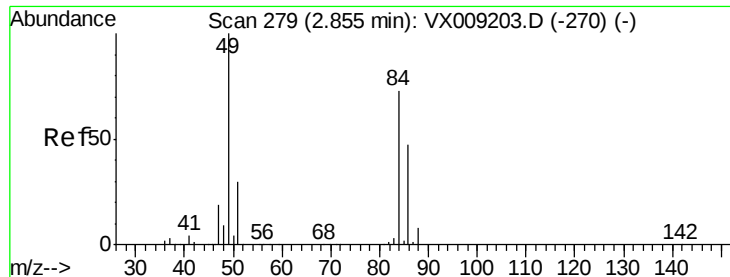
74 23.4 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

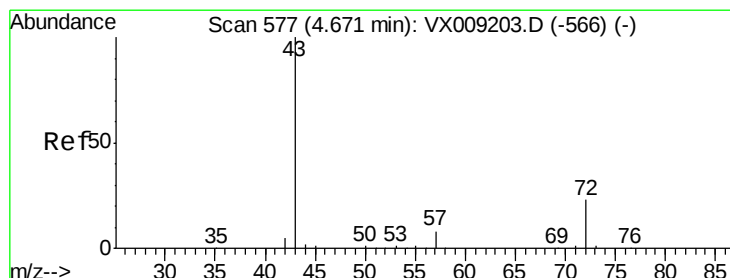
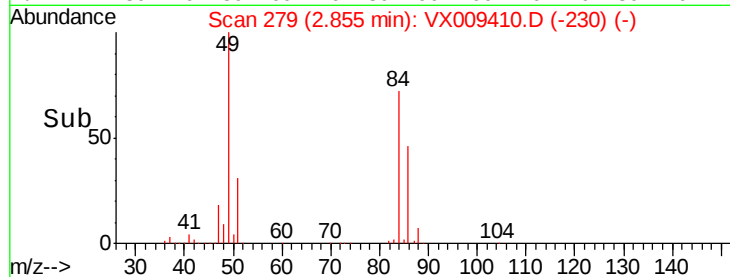
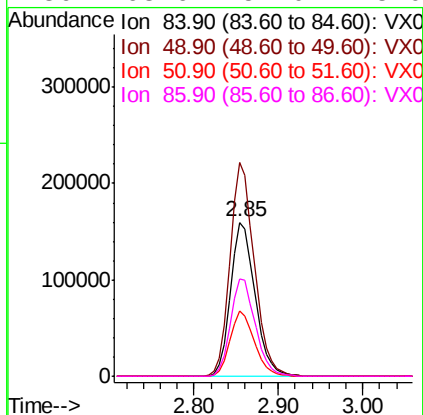
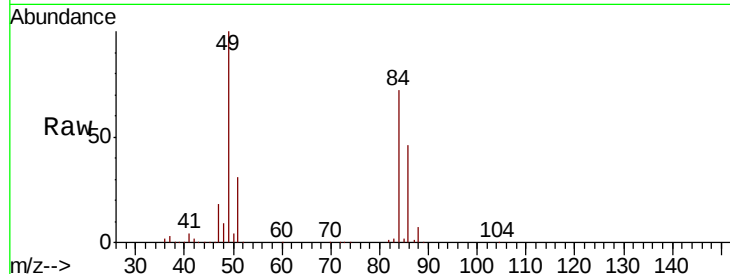




#20
Methvlene Chloride
Concen: 145.555 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

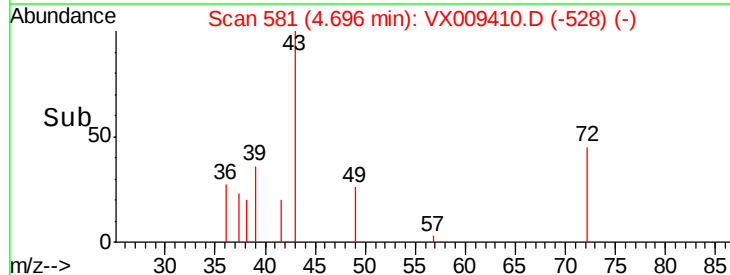
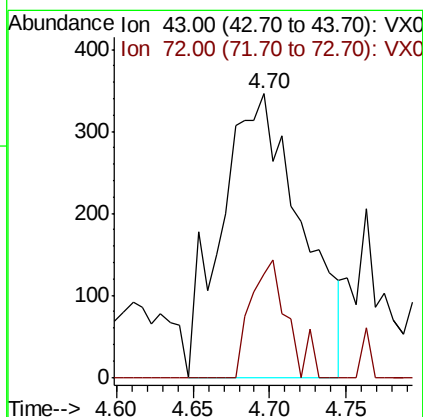
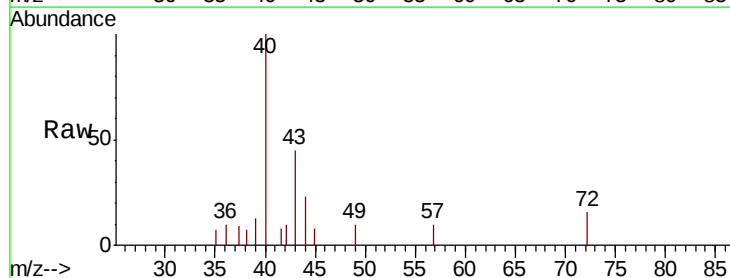
Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-D

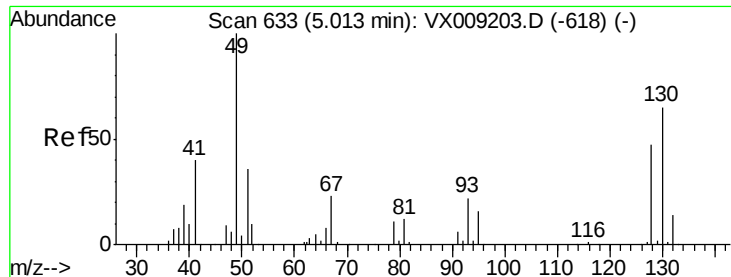
Tot Ion: 84 Resp: 315259
Ion Ratio Lower Upper
84 100
49 138.8 109.9 164.9
51 42.6 32.7 49.1
86 63.6 52.0 78.0



#25
2-Butanone
Concen: 0.603 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 43 Resp: 1253
Ion Ratio Lower Upper
43 100
72 36.4 18.2 27.2#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-D

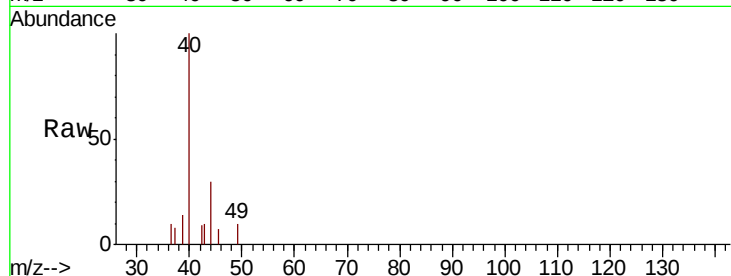
Tot Ion: 49 Resp: 78

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

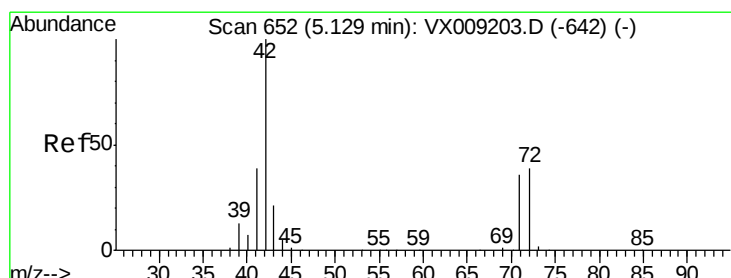
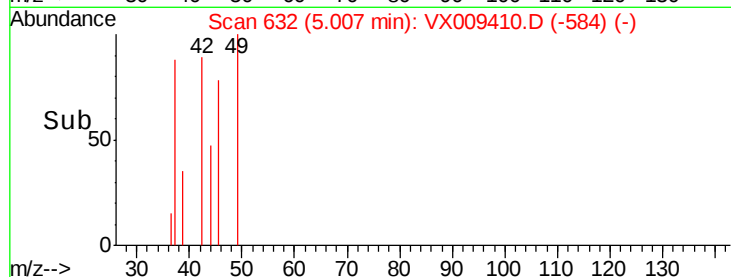
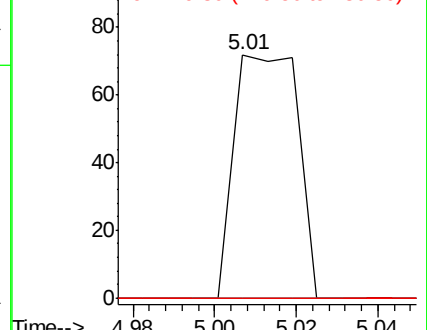
130 0.0 51.2 76.8#



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



#29

Tetrahydrofuran

Concen: 0.845 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.02 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

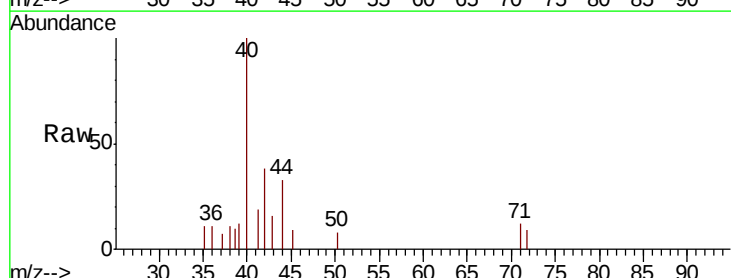
Tgt Ion: 42 Resp: 1130

Ion Ratio Lower Upper

42 100

72 9.8 30.4 45.6#

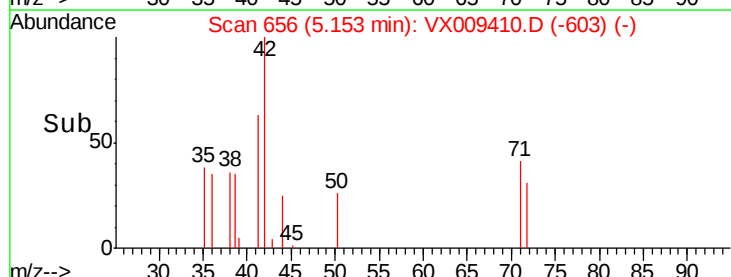
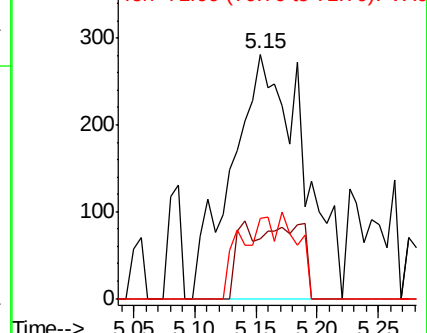
71 16.5 28.6 43.0#

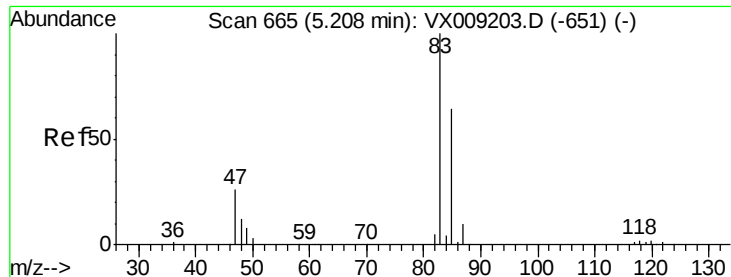


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

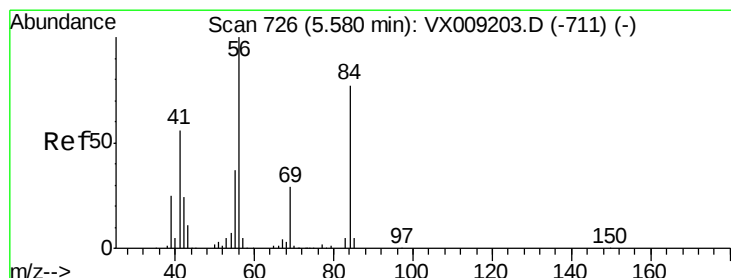
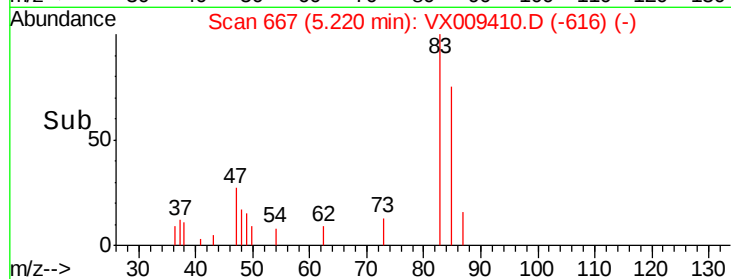
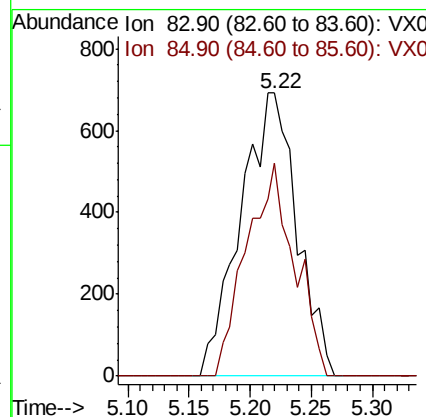
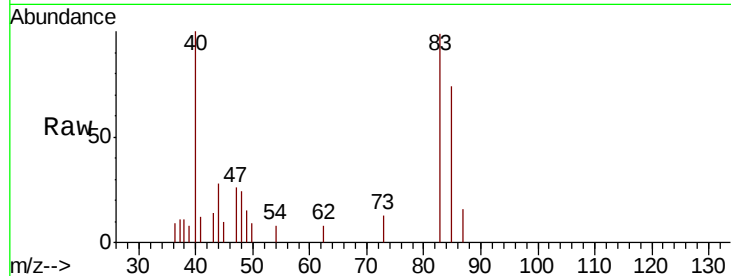




#30
Chloroform
Concen: 0.620 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

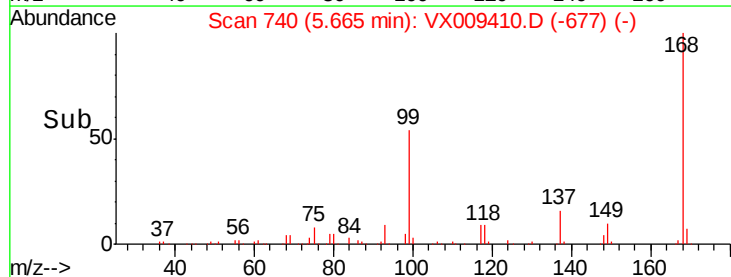
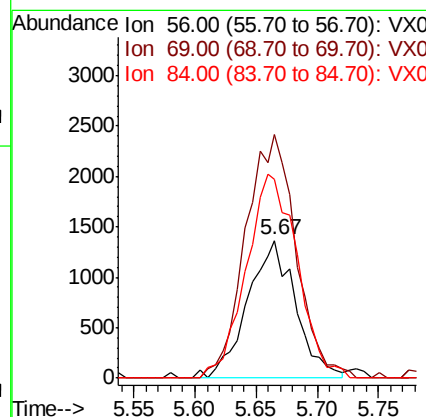
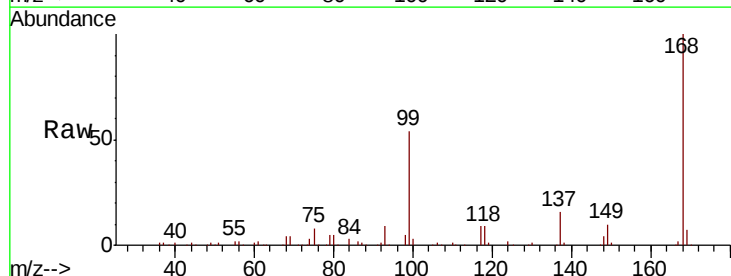
Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-D

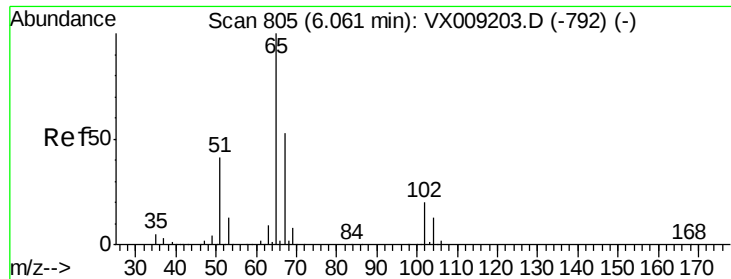
Tot Ion: 83 Resp: 2221
Ion Ratio Lower Upper
83 100
85 75.3 51.5 77.3



#31
Cyclohexane
Concen: 1.014 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 56 Resp: 3734
Ion Ratio Lower Upper
56 100
69 177.3 23.4 35.0#
84 144.8 61.9 92.9#

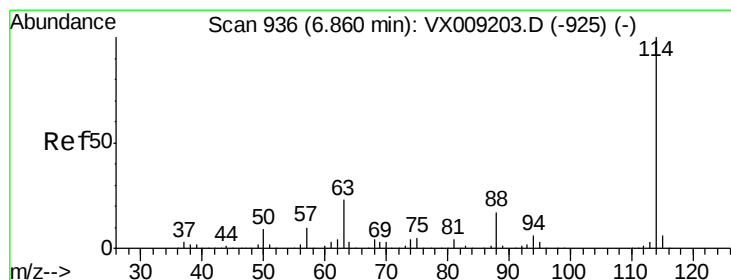
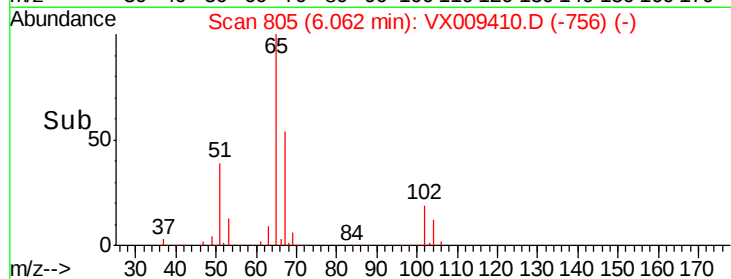
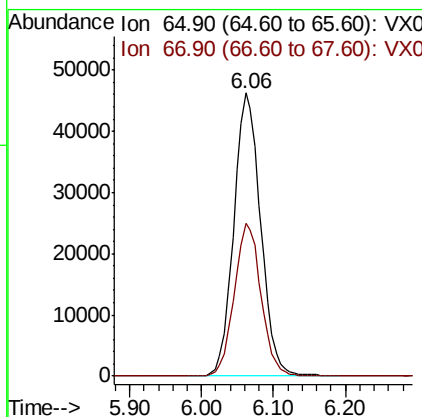
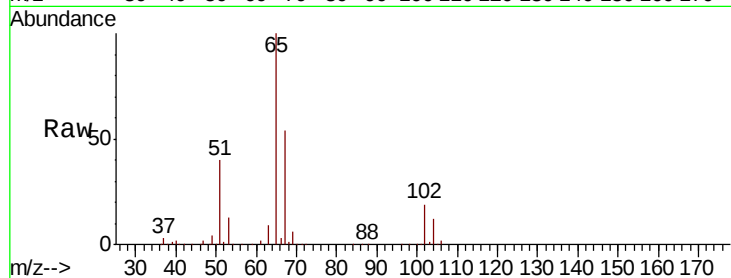




#33
 1,2-Dichloroethane-d4
 Concen: 48.035 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009410.D
 Acq: 08 May 2019 19:52

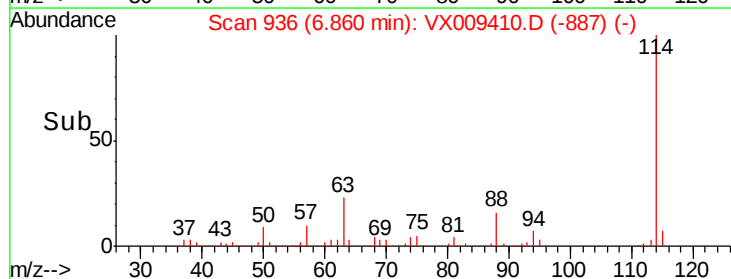
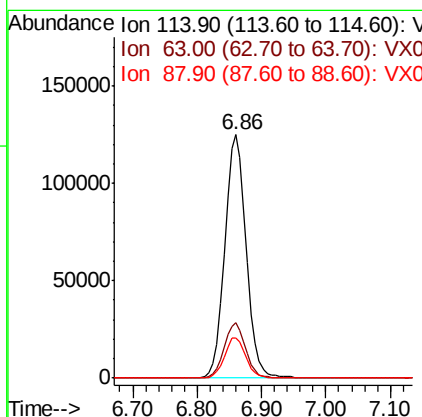
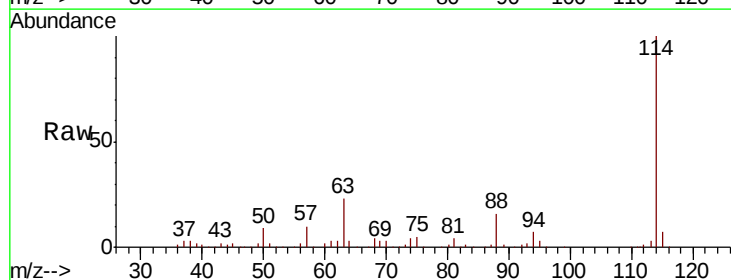
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-02-050719-D

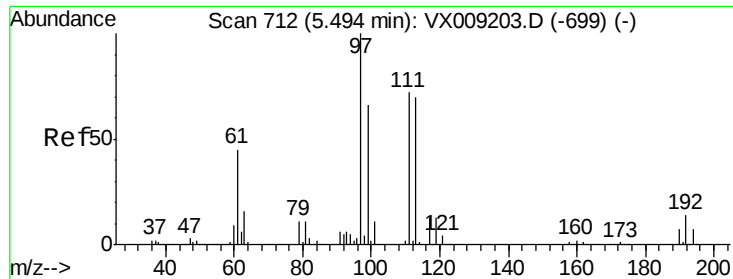
Tot Ion: 65 Resp: 119667
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009410.D
 Acq: 08 May 2019 19:52

Tgt Ion: 114 Resp: 293607
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.589 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-D

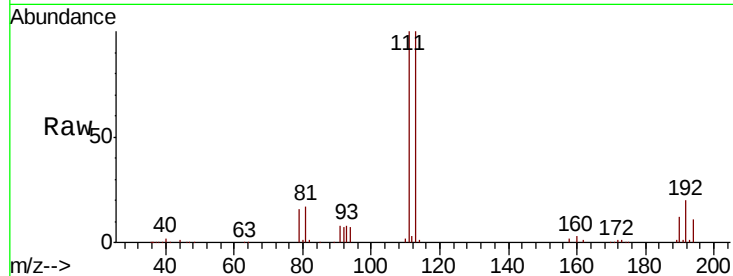
Tot Ion:113 Resp: 89682

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

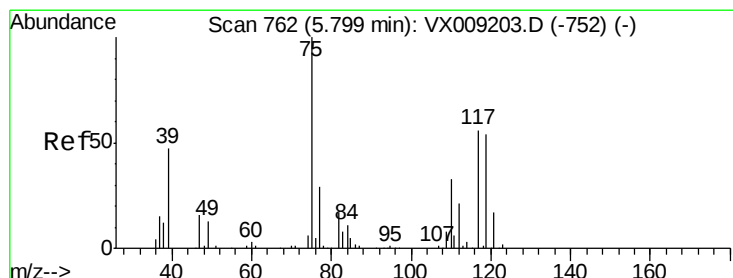
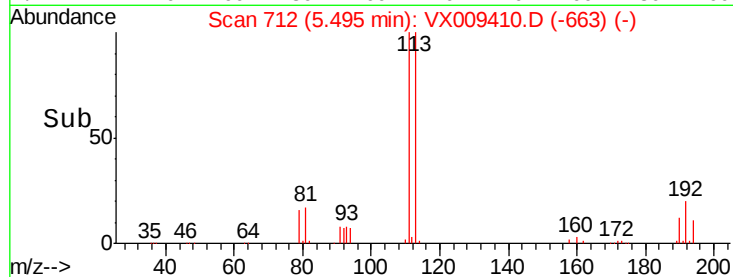
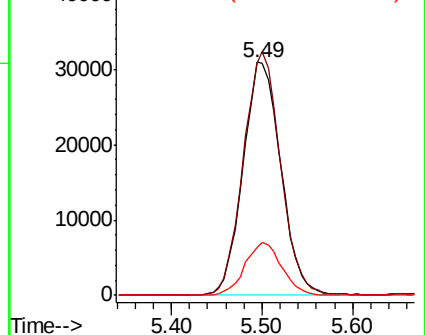
192 22.0 17.0 25.6



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: 5.206 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

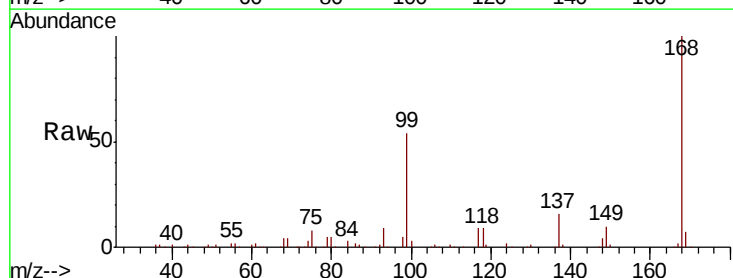
Tgt Ion: 75 Resp: 14206

Ion Ratio Lower Upper

75 100

110 10.0 16.9 50.6#

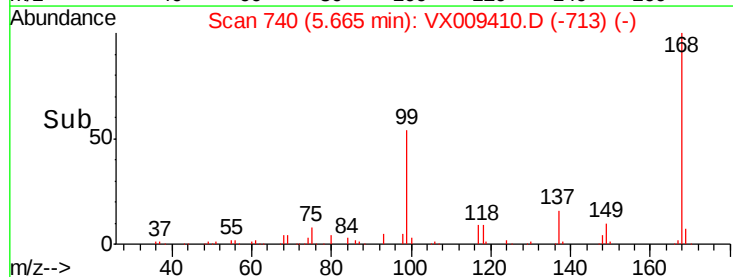
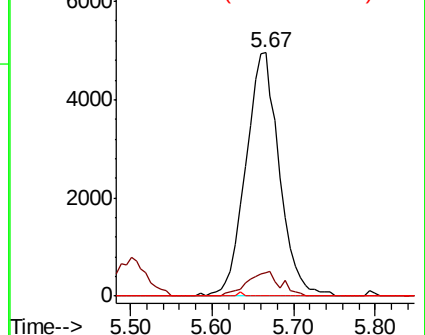
77 0.0 24.8 37.2#

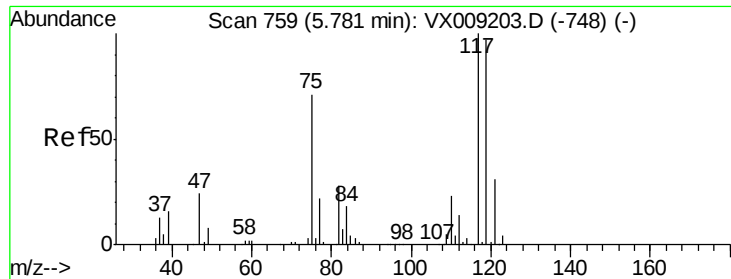


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.792 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-D

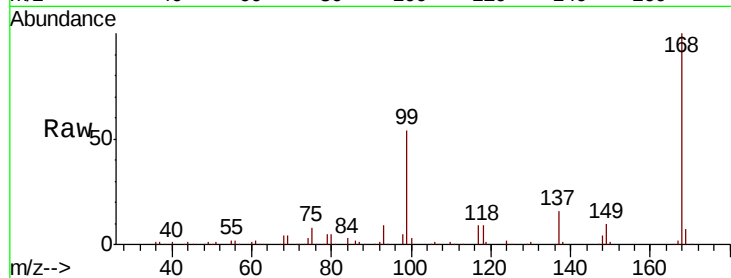
Tot Ion:117 Resp: 16837

Ion Ratio Lower Upper

117 100

119 5.5 77.5 116.3#

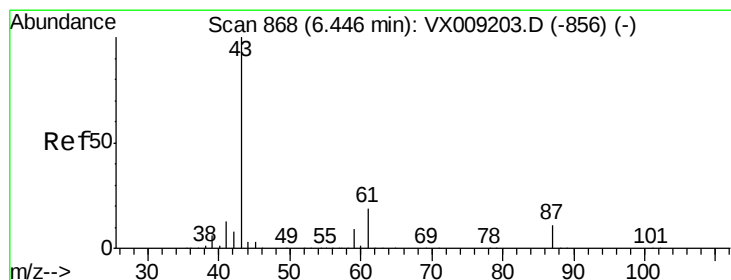
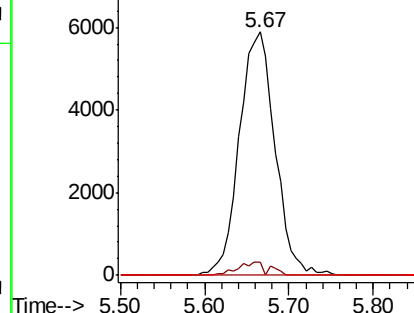
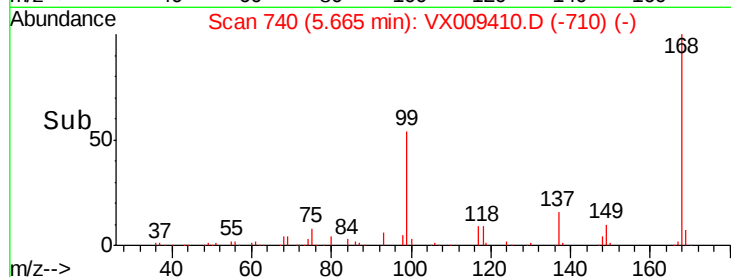
121 0.0 24.7 37.1#



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



#43

Isopropyl Acetate

Concen: 1.909 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

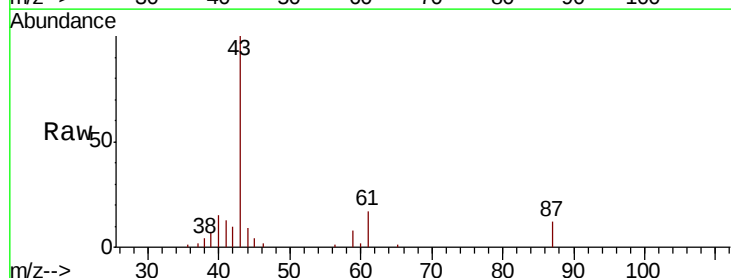
Tgt Ion: 43 Resp: 11608

Ion Ratio Lower Upper

43 100

61 20.9 15.1 22.7

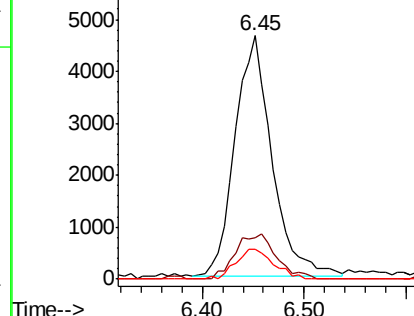
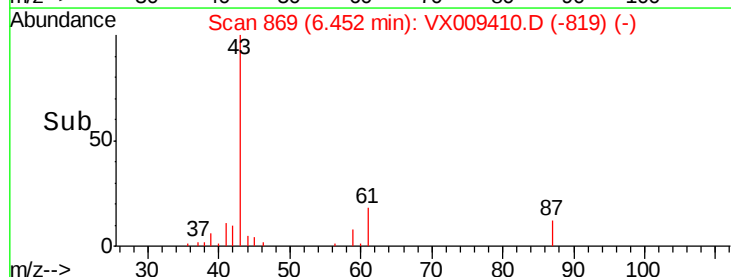
87 12.7 9.0 13.6

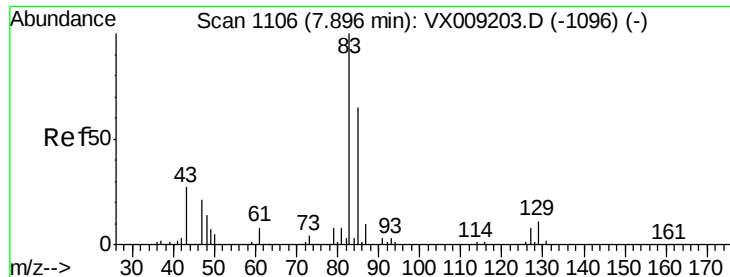


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.229 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-D

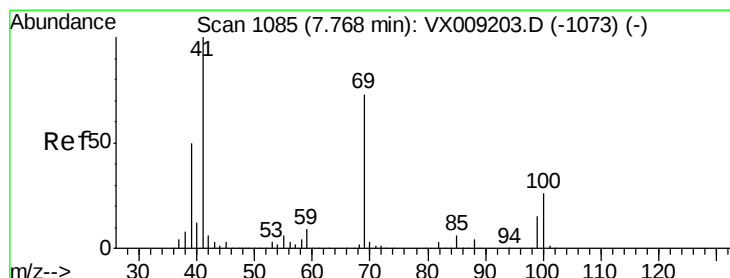
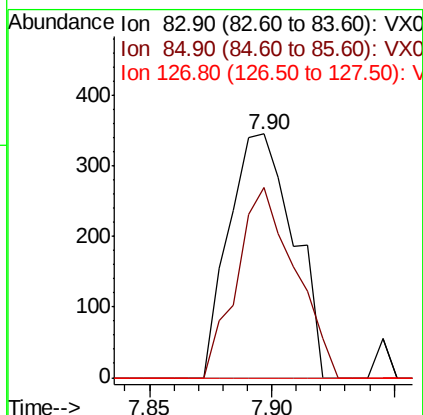
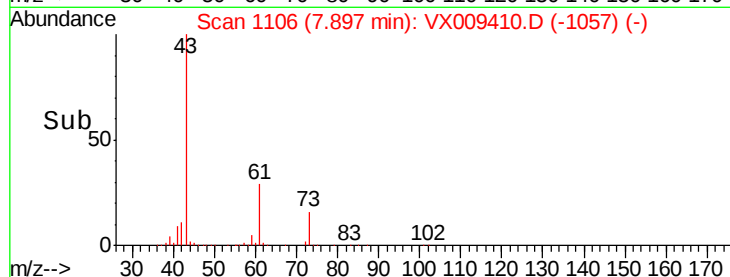
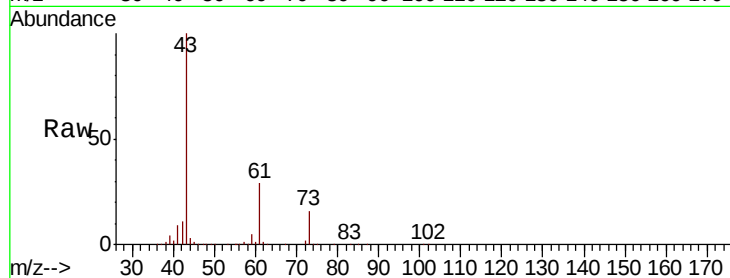
Tot Ion: 83 Resp: 634

Ion Ratio Lower Upper

83 100

85 78.3 52.4 78.6

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 2.553 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

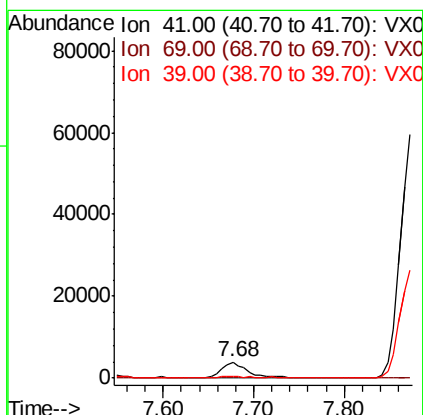
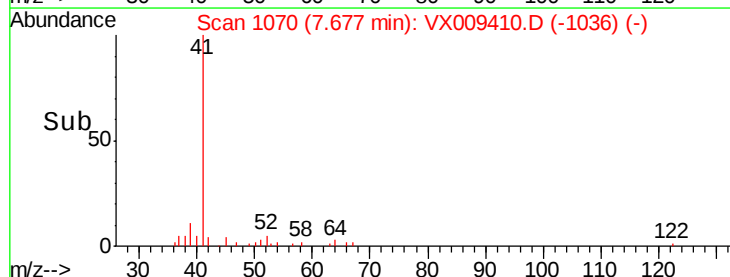
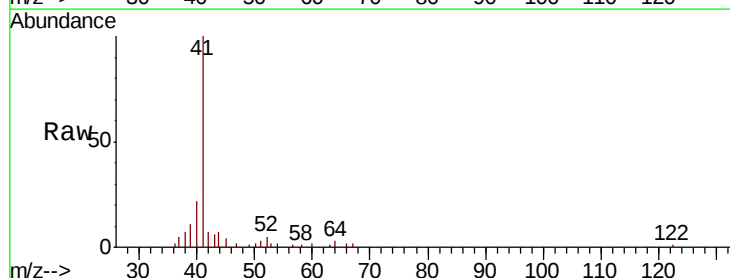
Tgt Ion: 41 Resp: 7701

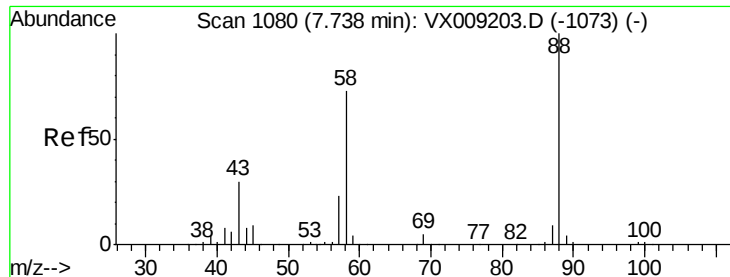
Ion Ratio Lower Upper

41 100

69 0.0 59.1 88.7#

39 0.0 40.4 60.6#





#49

1,4-Dioxane

Concen: 3.056 ug/l

RT: 7.87 min Scan# 1102

Delta R.T. 0.13 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-D

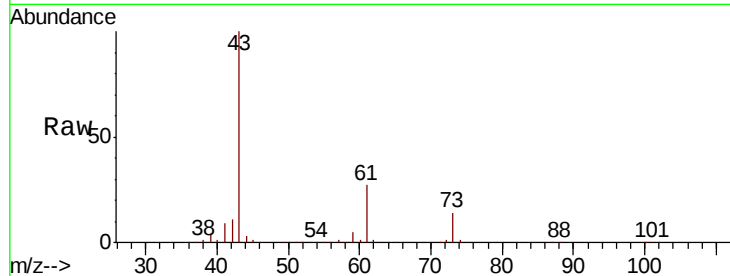
Tot Ion: 88 Resp: 187

Ion Ratio Lower Upper

88 100

43 603700.5 28.6 42.8#

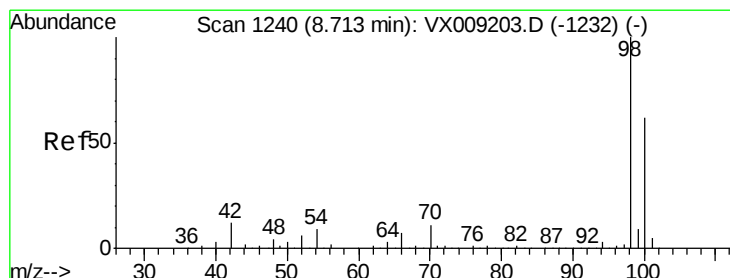
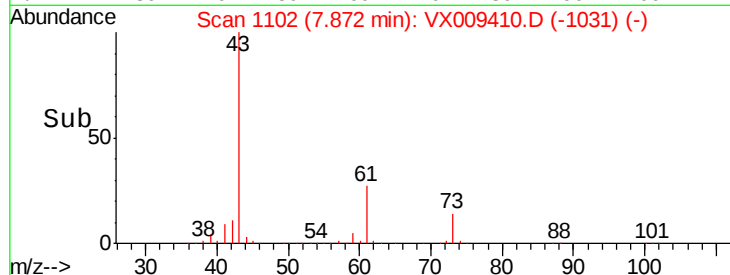
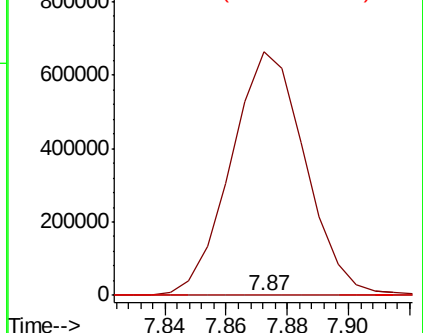
58 2272.2 61.7 92.5#



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: 49.995 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009410.D

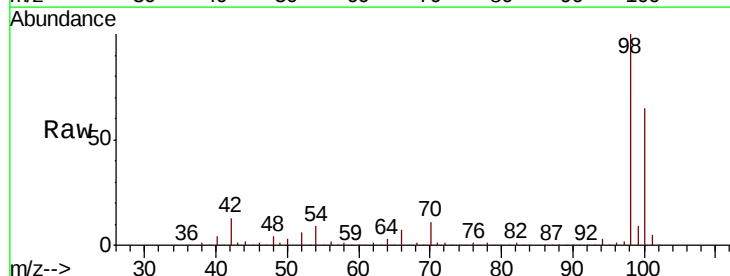
Acq: 08 May 2019 19:52

Tgt Ion: 98 Resp: 372549

Ion Ratio Lower Upper

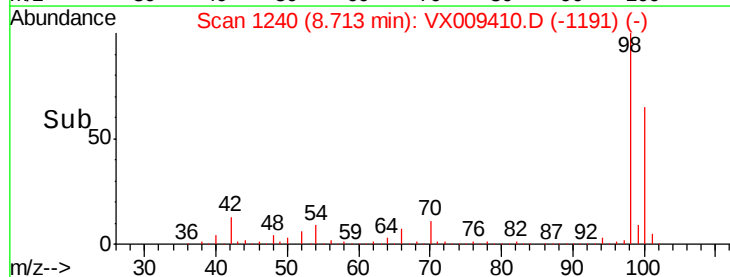
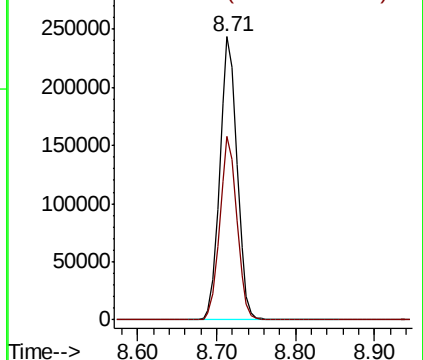
98 100

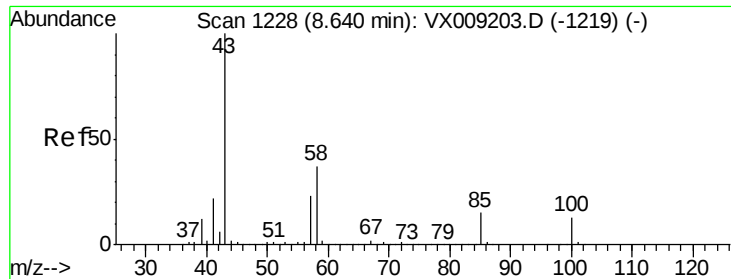
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 22.325 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

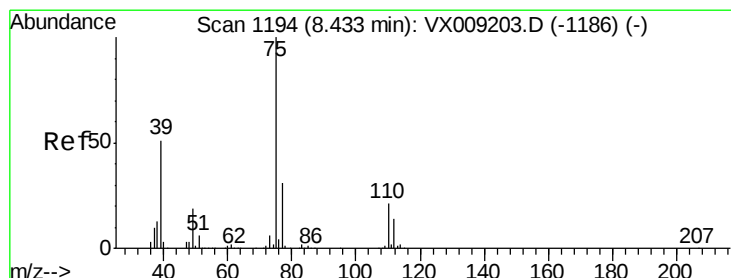
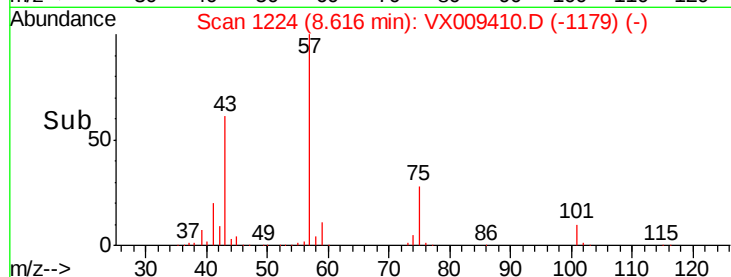
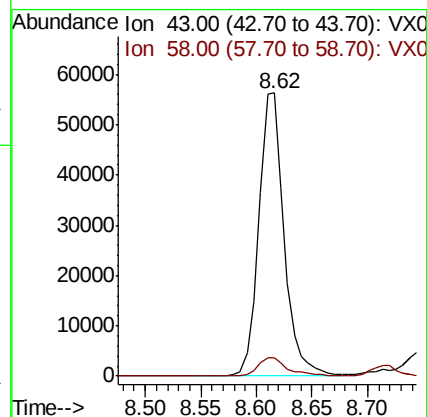
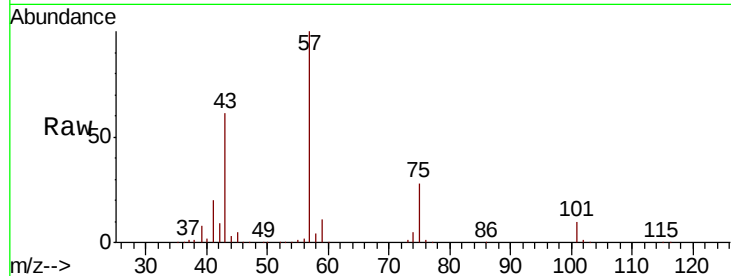
PL-02-050719-D

Tot Ion: 43 Resp: 88735

Ion Ratio Lower Upper

43 100

58 7.8 29.5 44.3#



#54

cis-1,3-Dichloropropene

Concen: 11.448 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

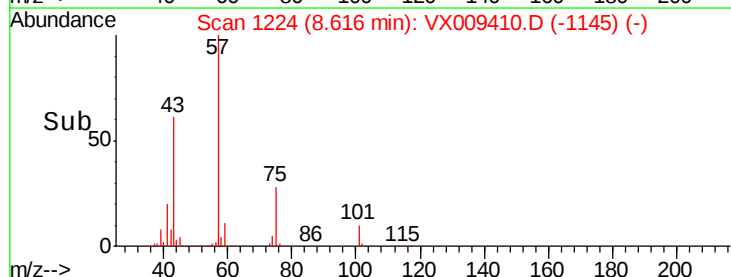
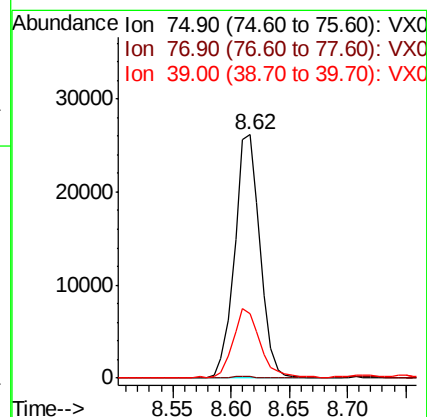
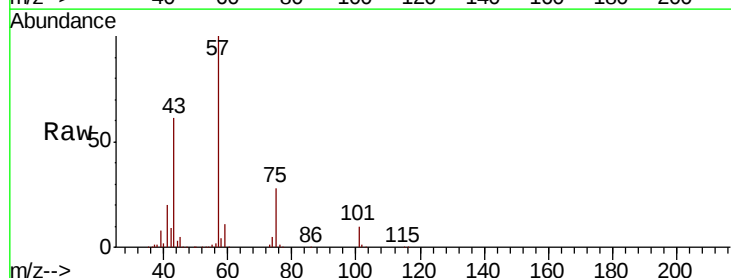
Tgt Ion: 75 Resp: 39623

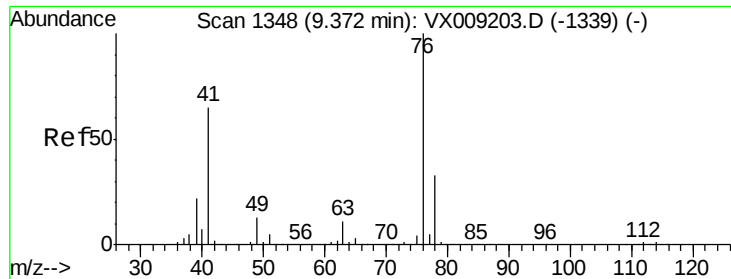
Ion Ratio Lower Upper

75 100

77 0.5 24.6 36.8#

39 26.3 40.6 60.8#

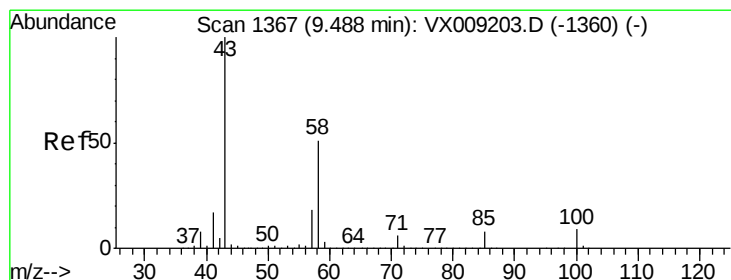
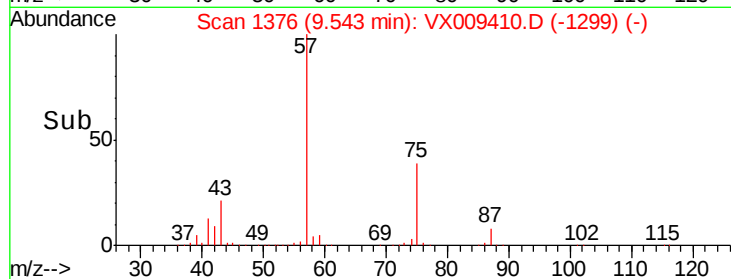
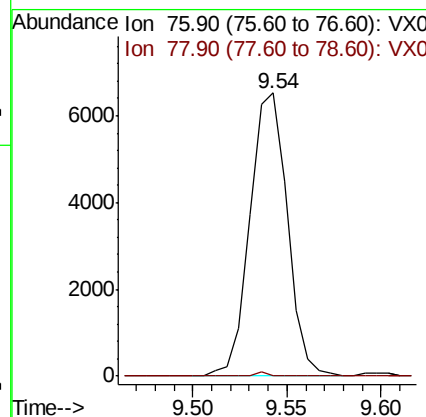
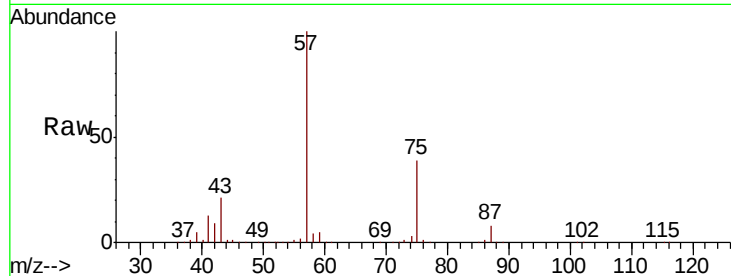




#57
 1,3-Dichloropropane
 Concen: 2.436 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX009410.D
 Acq: 08 May 2019 19:52

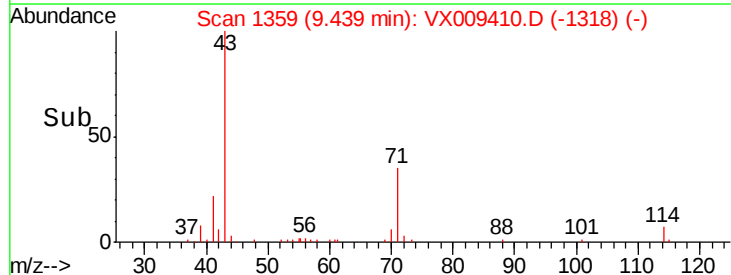
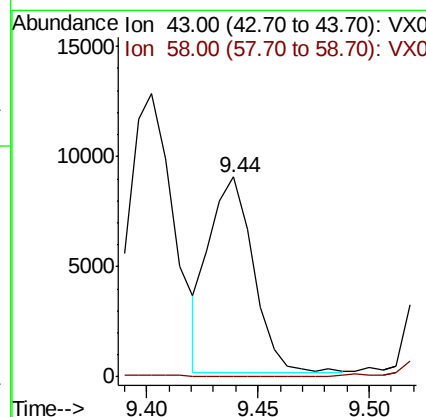
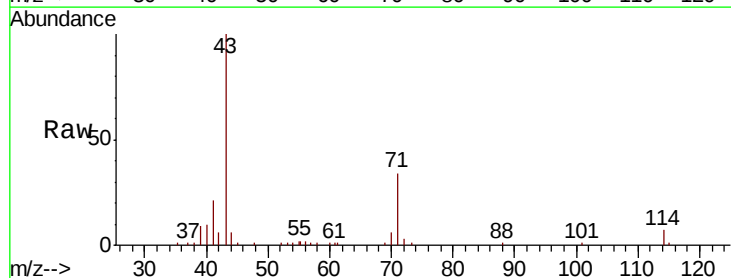
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-02-050719-D

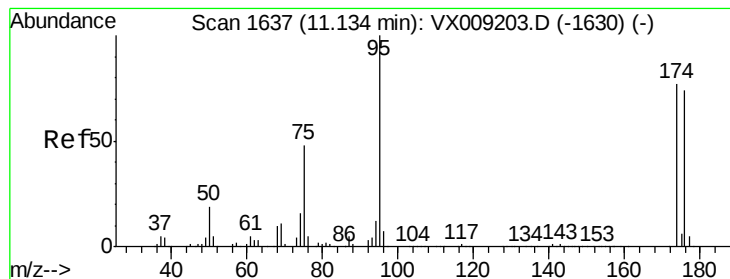
Tot Ion: 76 Resp: 8977
 Ion Ratio Lower Upper
 76 100
 78 0.4 25.5 38.3#



#59
 2-Hexanone
 Concen: 3.929 ug/l
 RT: 9.44 min Scan# 1359
 Delta R.T. -0.05 min
 Lab File: VX009410.D
 Acq: 08 May 2019 19:52

Tgt Ion: 43 Resp: 12264
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 46.518 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-D

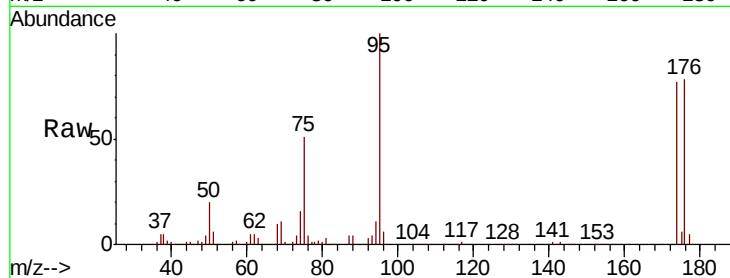
Tot Ion: 95 Resp: 125954

Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.6

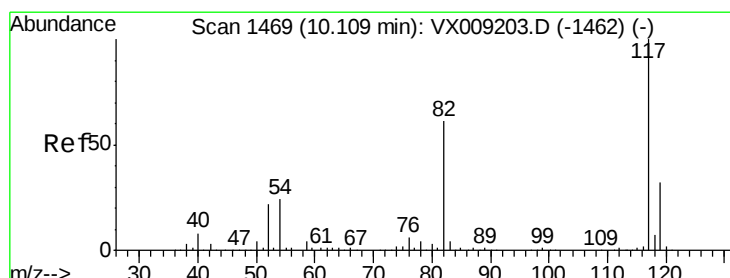
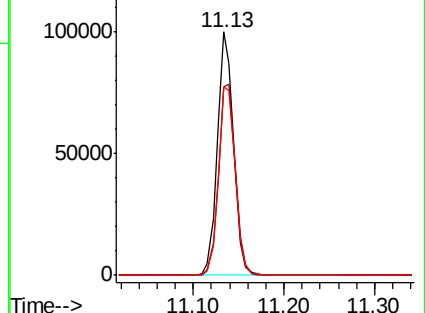
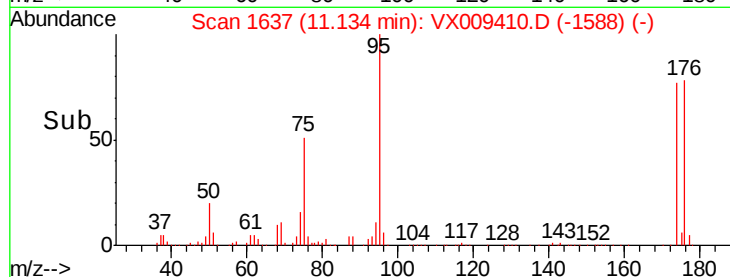
176 79.6 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009410.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009410.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009410.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

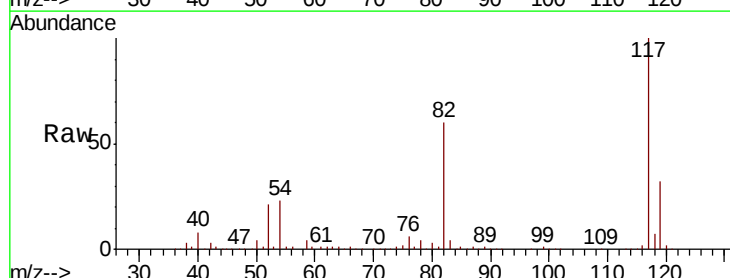
Tgt Ion: 117 Resp: 264060

Ion Ratio Lower Upper

117 100

82 60.2 48.8 73.2

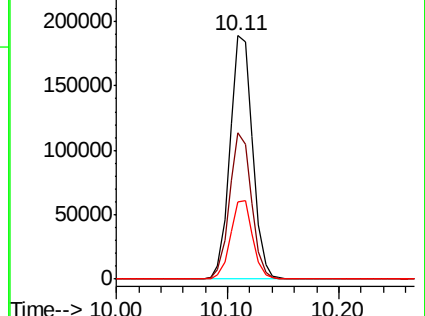
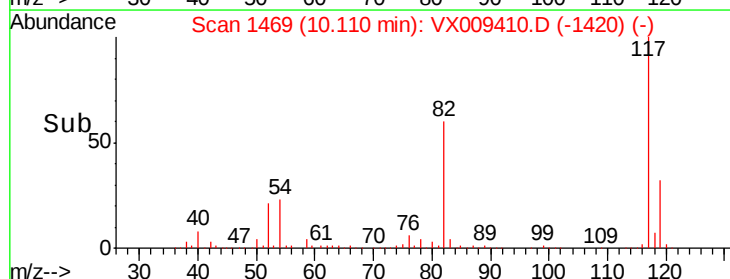
119 31.6 25.8 38.6

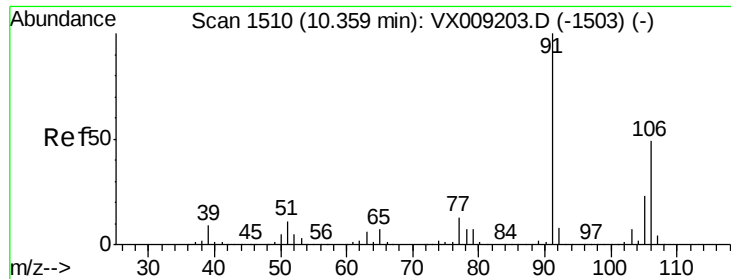


Abundance Ion 116.90 (116.60 to 117.60): VX009410.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009410.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009410.D (-1420) (-)

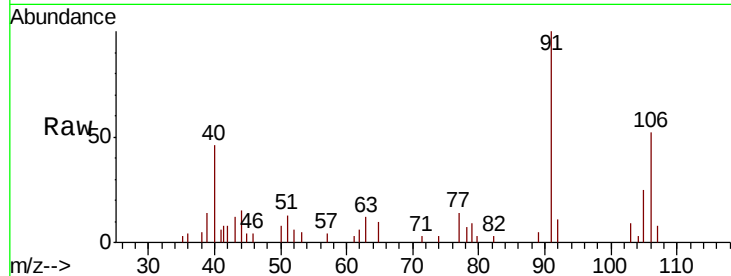




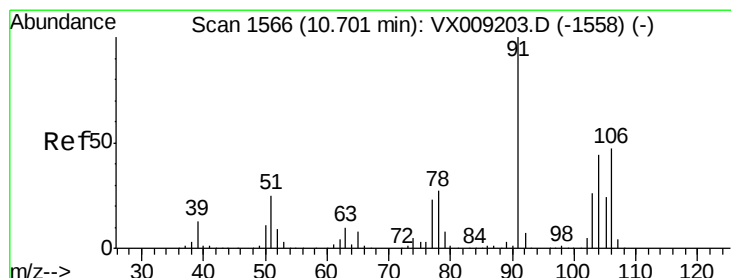
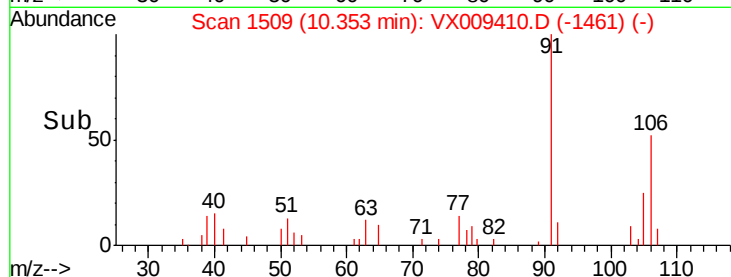
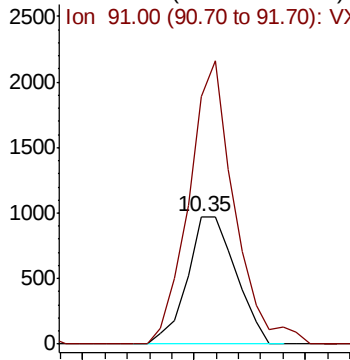
#68
m/p-Xylenes
Concen: 0.414 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tot Ion:106 Resp: 1472
Ion Ratio Lower Upper
106 100
91 208.8 164.0 246.0

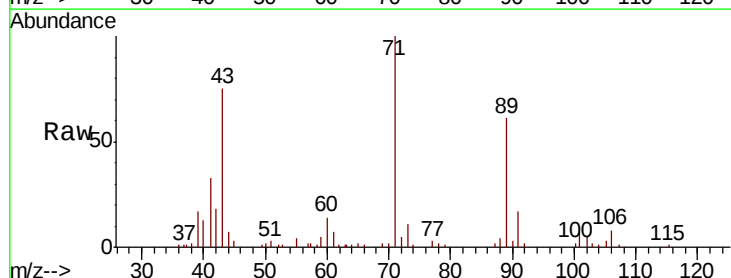


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

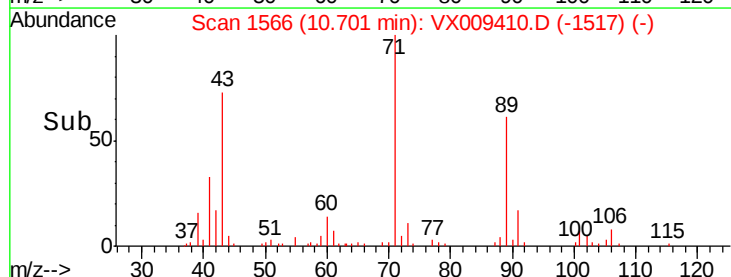
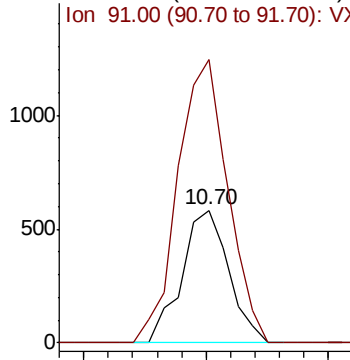


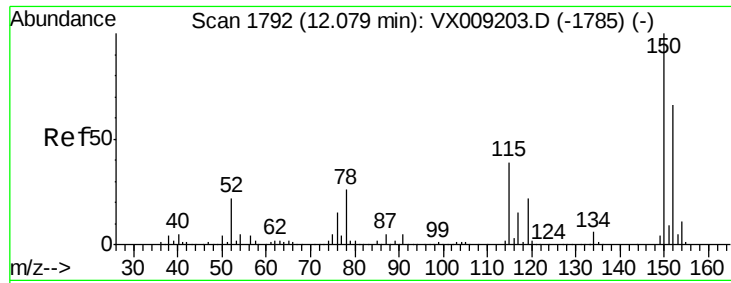
#69
o-Xylene
Concen: 0.222 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion:106 Resp: 777
Ion Ratio Lower Upper
106 100
91 227.7 109.5 328.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-D

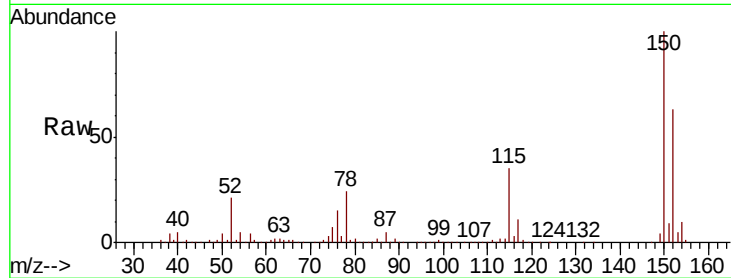
Tot Ion:152 Resp: 114994

Ion Ratio Lower Upper

152 100

115 58.0 41.2 123.6

150 158.2 0.0 346.4

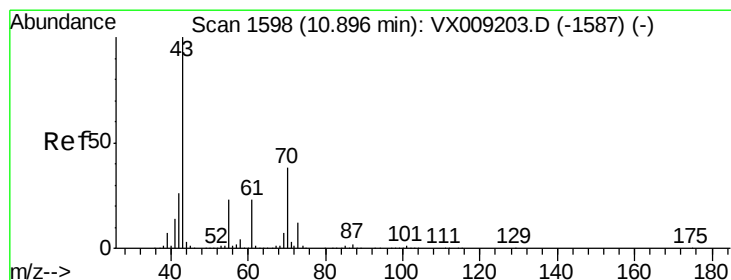
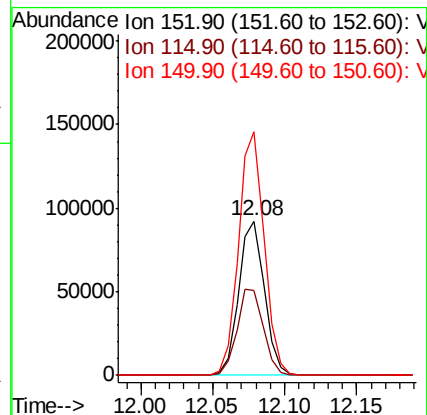
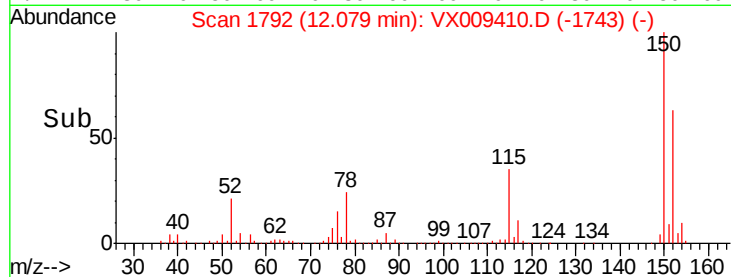


Abundance

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: 2.480 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Tgt Ion: 43 Resp: 12089

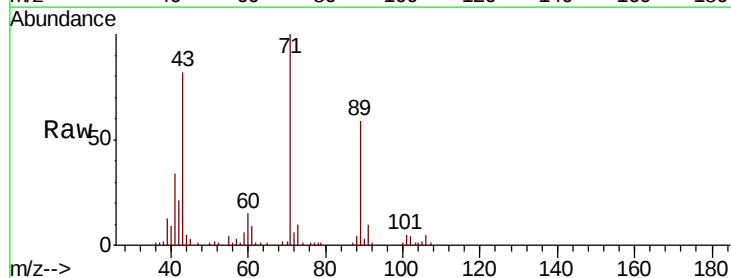
Ion Ratio Lower Upper

43 100

70 1.6 30.0 45.0#

55 5.5 17.9 26.9#

61 10.8 18.4 27.6#



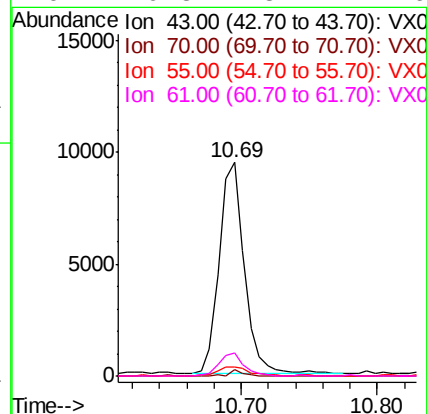
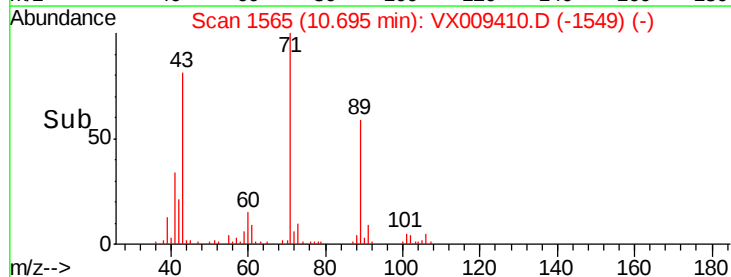
Abundance

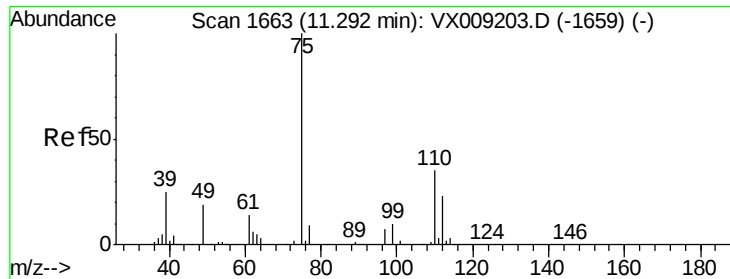
Ion 43.00 (42.70 to 43.70): VX0

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: 23.634 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

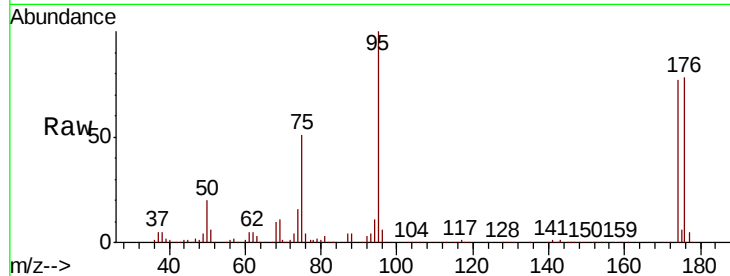
PL-02-050719-D

Tot Ion: 75 Resp: 63043

Ion Ratio Lower Upper

75 100

77 1.6 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX009410.D (-1614) (-)

Ion 77.00 (76.70 to 77.70): VX009410.D (-1614) (-)

11.13

50000

40000

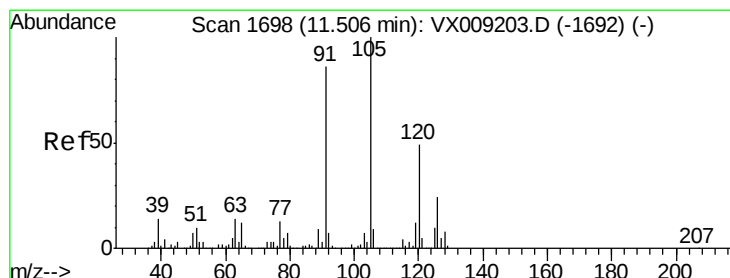
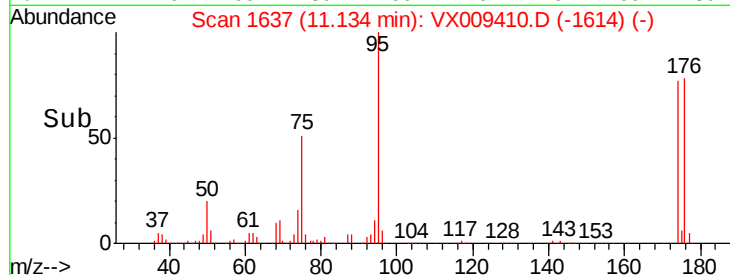
30000

20000

10000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.416 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009410.D

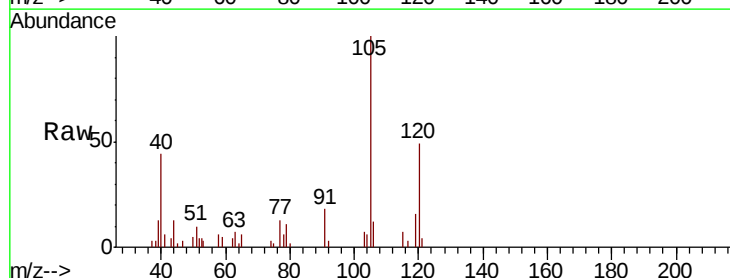
Acq: 08 May 2019 19:52

Tgt Ion: 105 Resp: 2929

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009410.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX009410.D (-1649) (-)

11.51

2500

2000

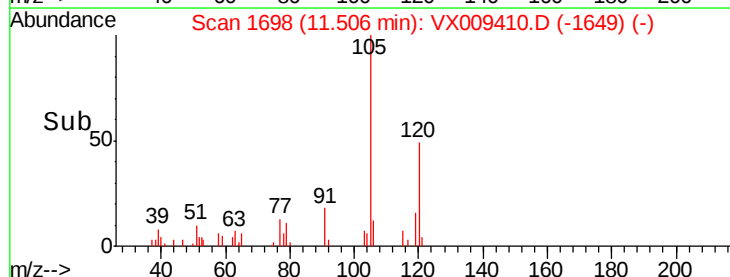
1500

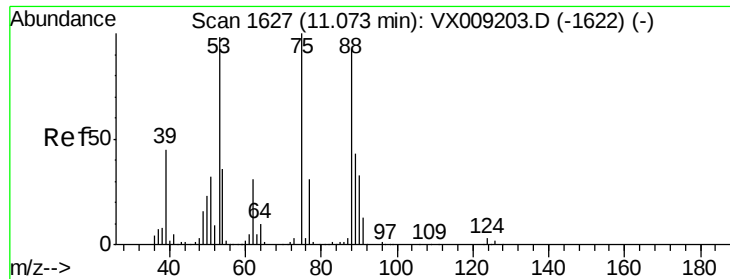
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 60.471 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-D

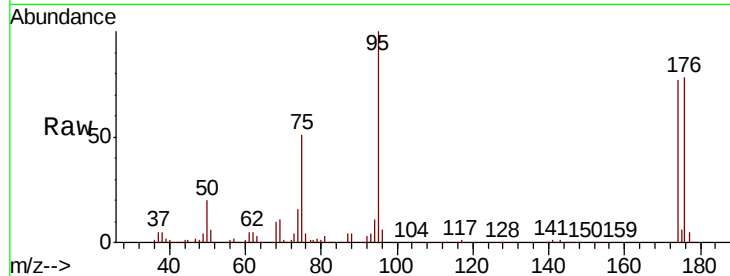
Tot Ion: 75 Resp: 63043

Ion Ratio Lower Upper

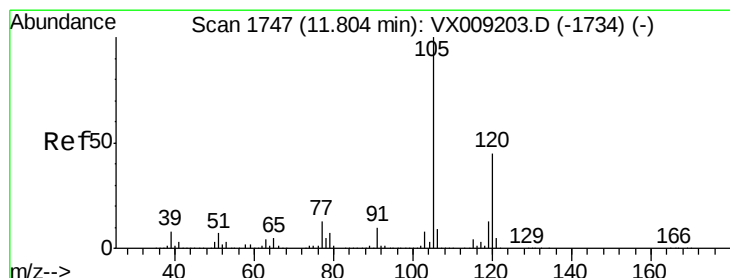
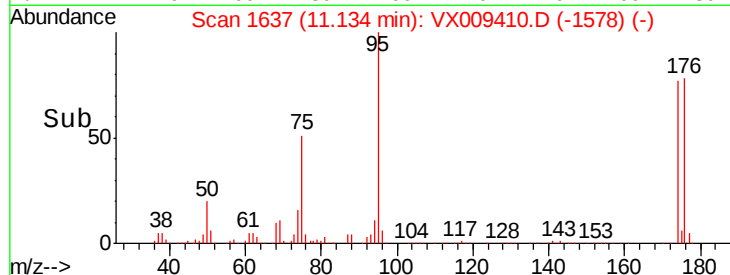
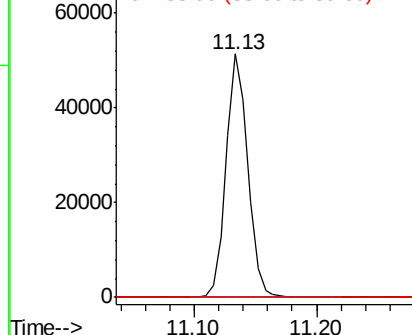
75 100

53 0.1 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: 1.239 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009410.D

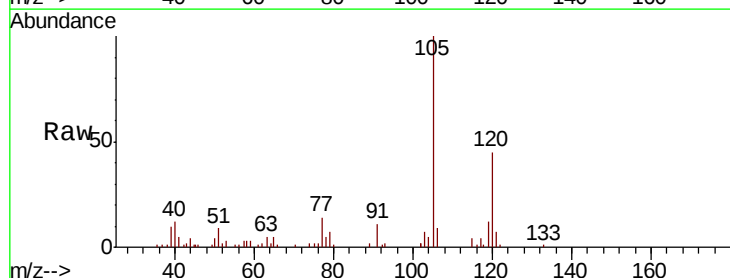
Acq: 08 May 2019 19:52

Tgt Ion:105 Resp: 8756

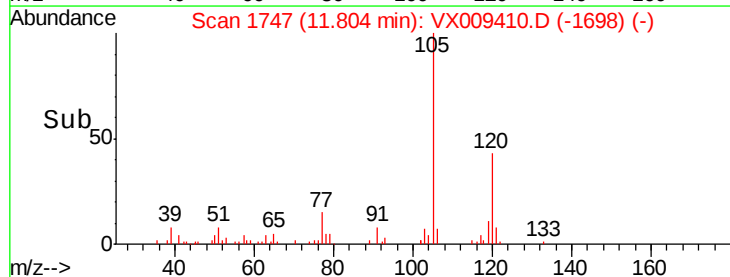
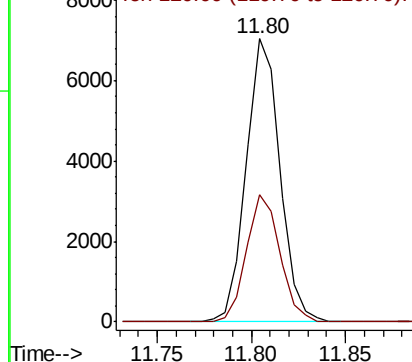
Ion Ratio Lower Upper

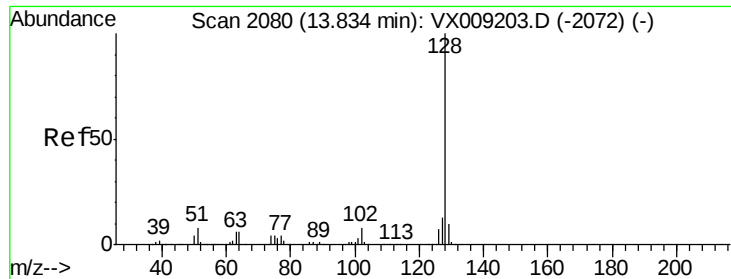
105 100

120 44.5 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: 4.708 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.6	8.6	13.0

