

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009408.D
 Acq On : 08 May 2019 19:05
 Operator : JC/SP
 Sample : K2645-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 09 07:15:39 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	179909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96675	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	116082	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
35) Dibromofluoromethane	5.50	113	87355	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	359094	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	113717	43.05	ug/l	0.00
Spiked Amount			Recovery	=	86.10%	

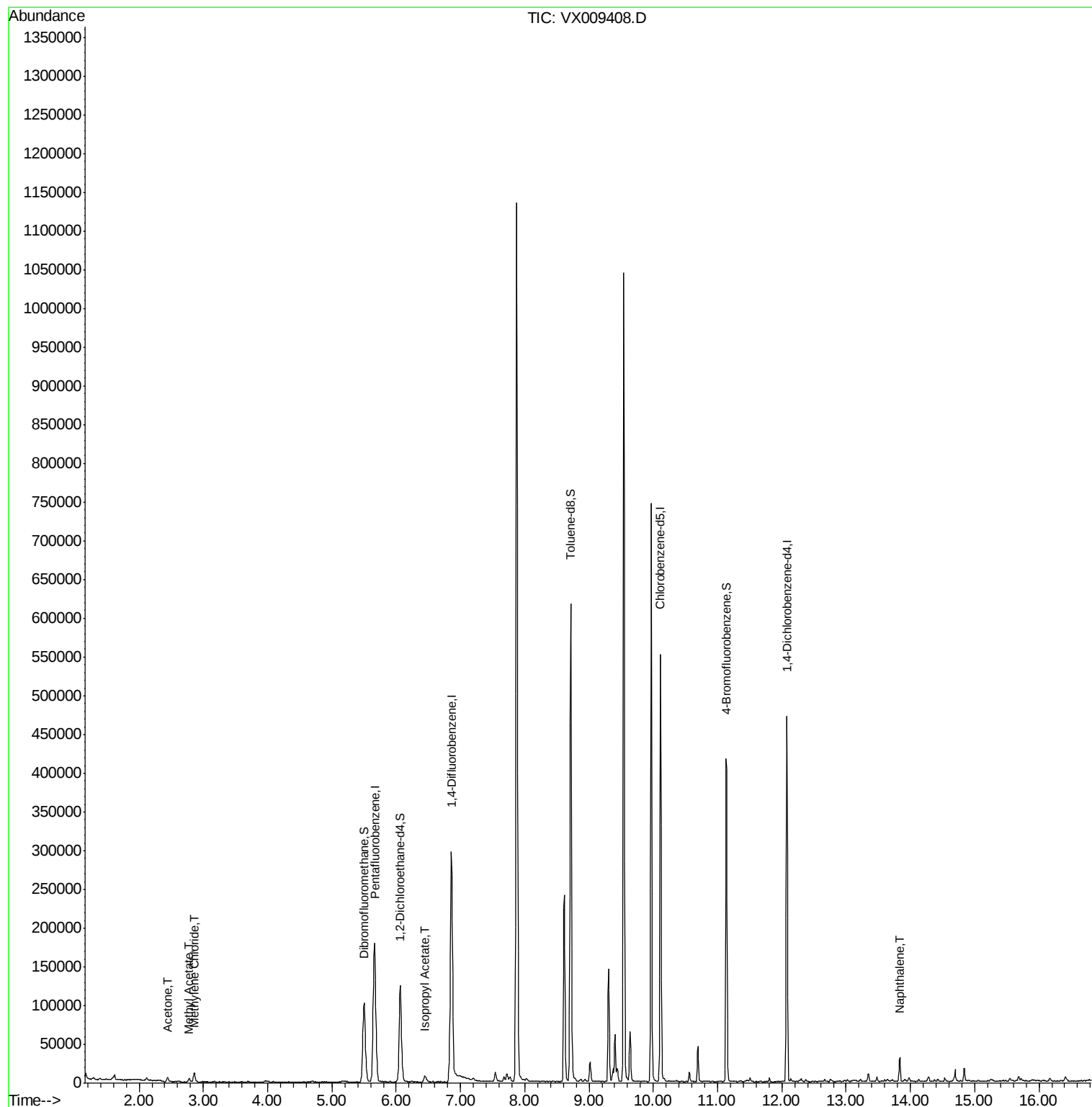
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	6908	5.238	ug/l	99
18) Methyl Acetate	2.78	43	5411	1.725	ug/l	96
20) Methylene Chloride	2.86	84	5116	2.396	ug/l	95
43) Isopropyl Acetate	6.45	43	11464	1.933	ug/l	99
95) Naphthalene	13.83	128	18834	2.672	ug/l	98

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

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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: VX009408.D

Acq: 08 May 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

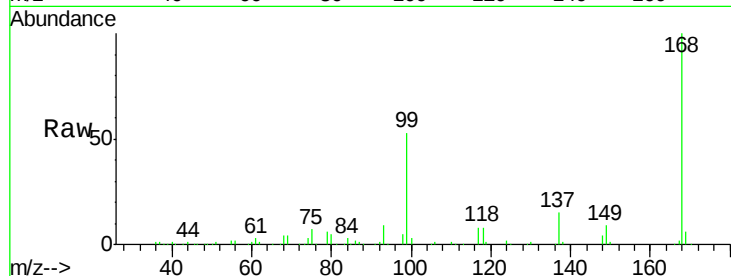
PL-02-050719-B

Tot Ion:168 Resp: 179909

Ion Ratio Lower Upper

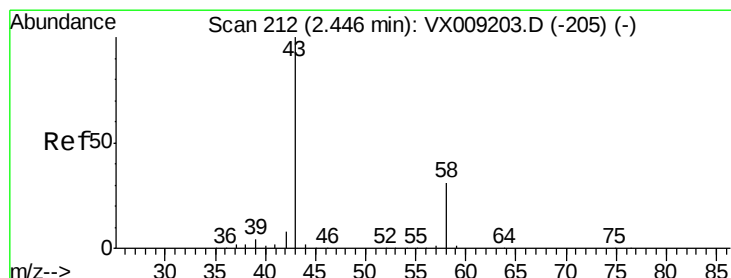
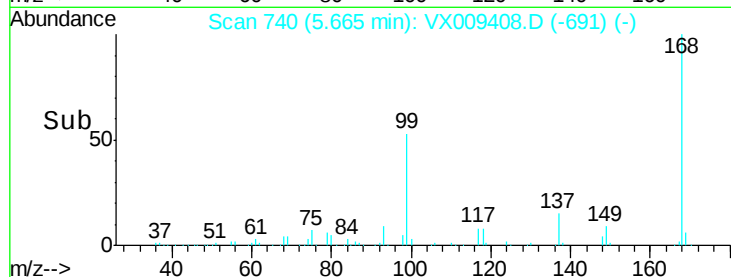
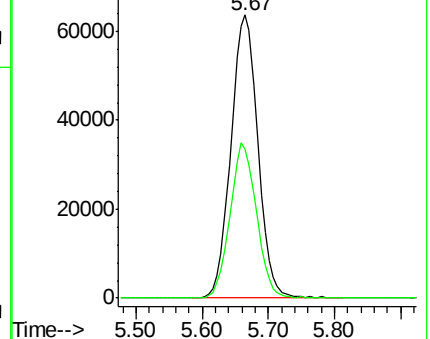
168 100

99 52.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.238 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009408.D

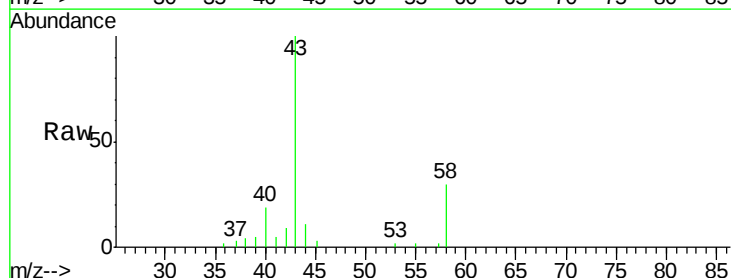
Acq: 08 May 2019 19:05

Tgt Ion: 43 Resp: 6908

Ion Ratio Lower Upper

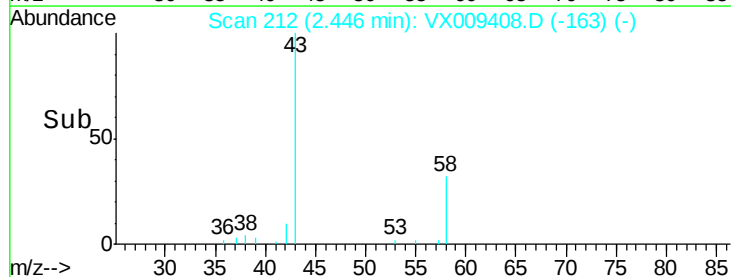
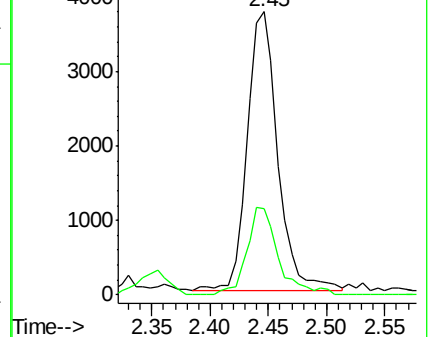
43 100

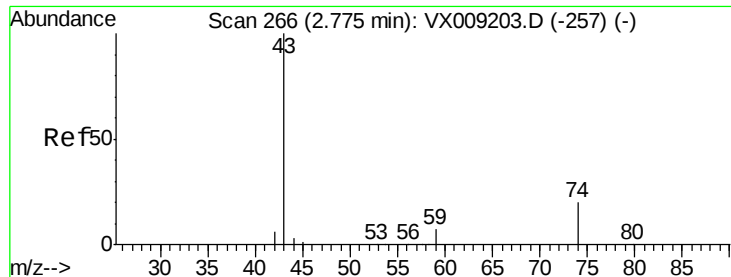
58 30.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

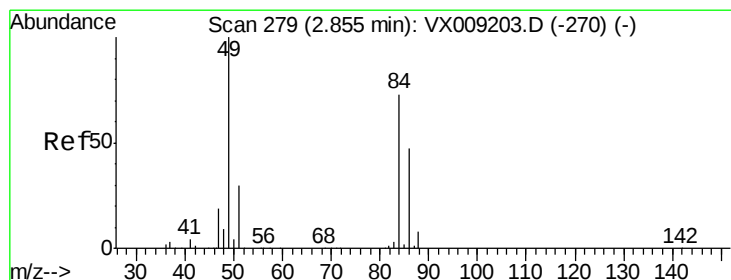
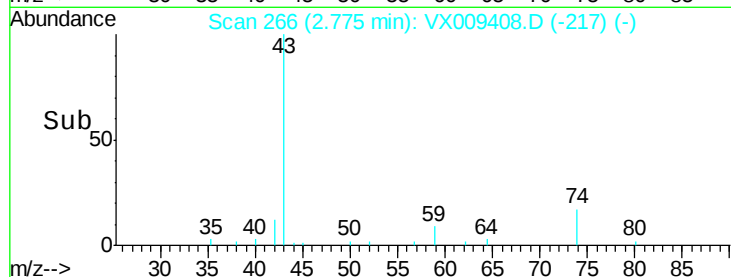
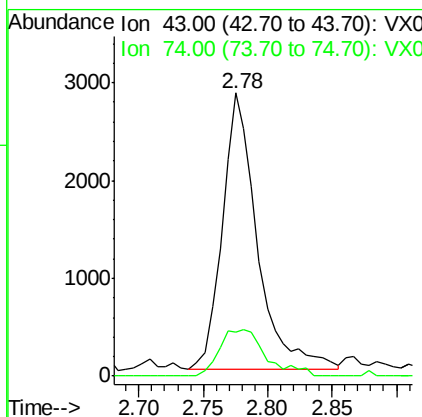
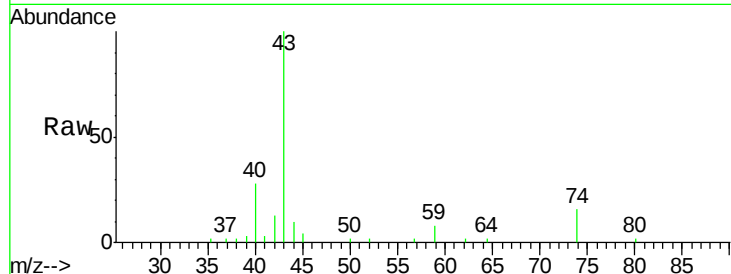




#18
Methvl Acetate
Concen: 1.725 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009408.D
Acq: 08 May 2019 19:05

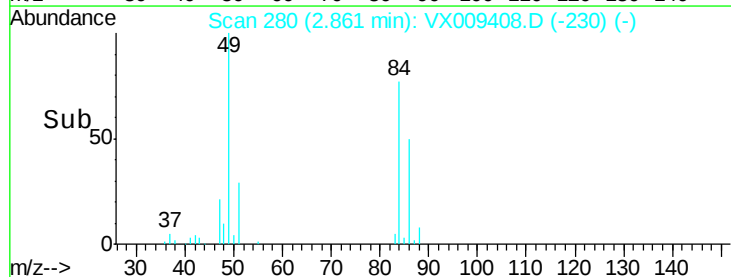
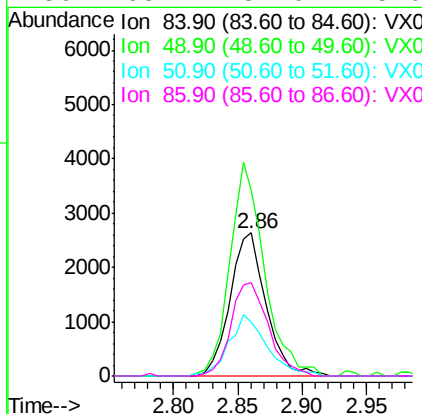
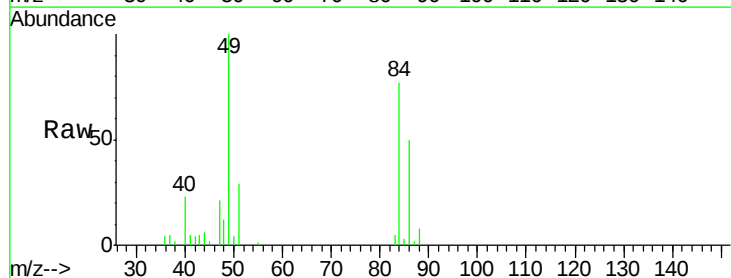
Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-B

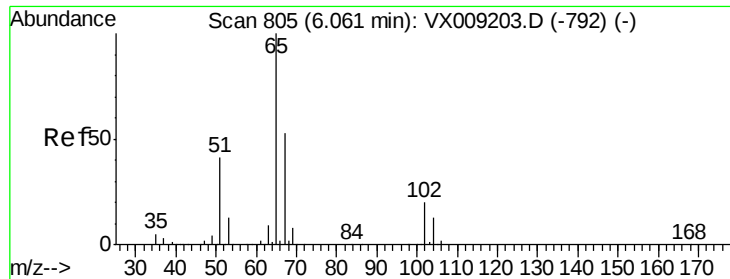
Tot Ion: 43 Resp: 5411
Ion Ratio Lower Upper
43 100
74 22.3 16.2 24.4



#20
Methylene Chloride
Concen: 2.396 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009408.D
Acq: 08 May 2019 19:05

Tgt Ion: 84 Resp: 5116
Ion Ratio Lower Upper
84 100
49 129.8 109.9 164.9
51 37.3 32.7 49.1
86 65.1 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 47.265 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009408.D

Acq: 08 May 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

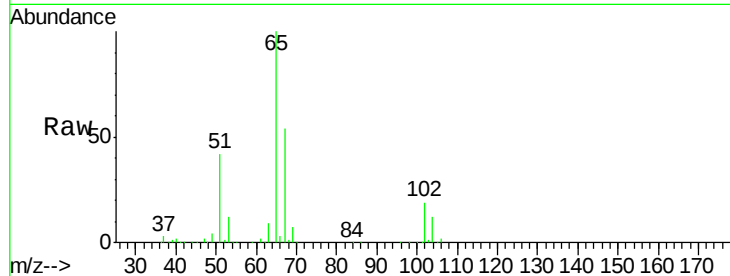
PL-02-050719-B

Tot Ion: 65 Resp: 116082

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

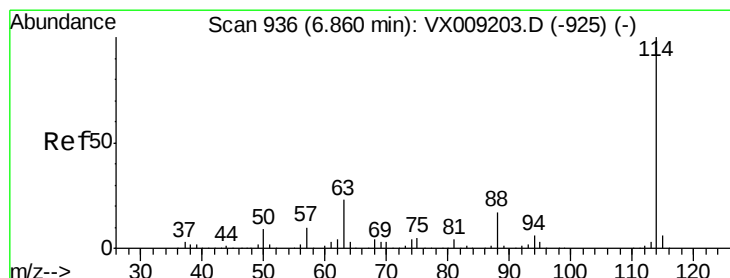
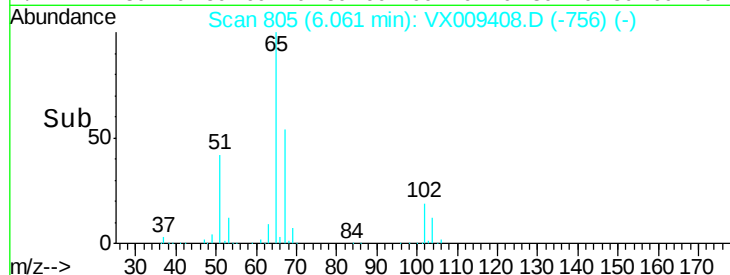
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009408.D

Acq: 08 May 2019 19:05

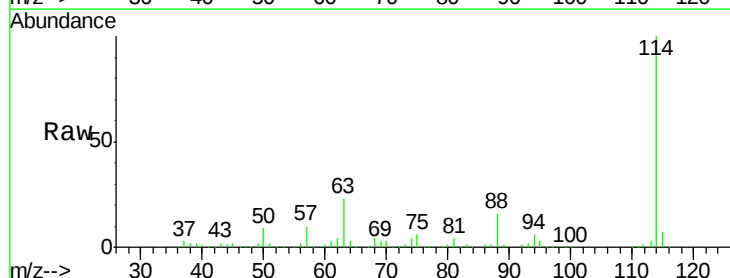
Tgt Ion: 114 Resp: 286403

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 16.3 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

150000

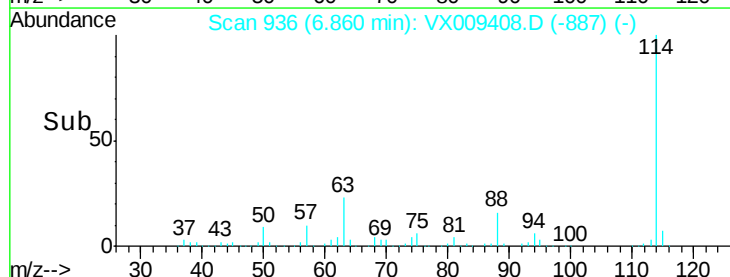
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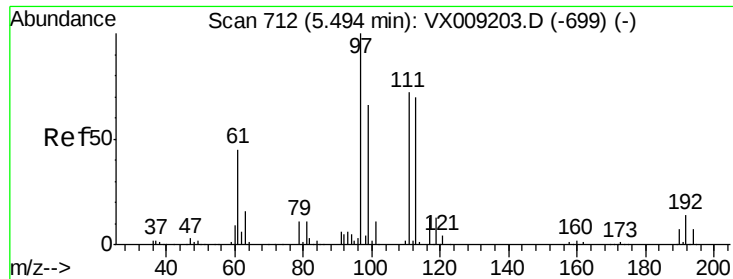
50000

0

Time-->

6.70 6.80 6.90 7.00

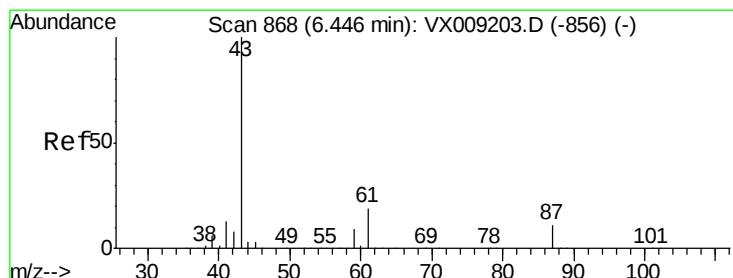
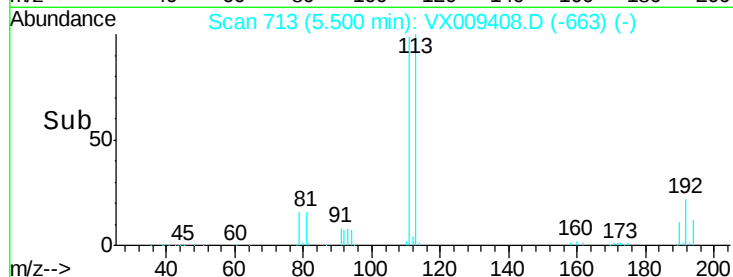
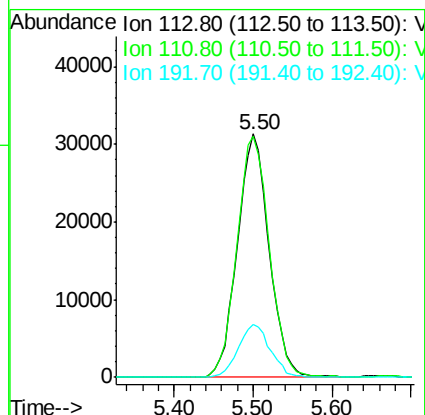
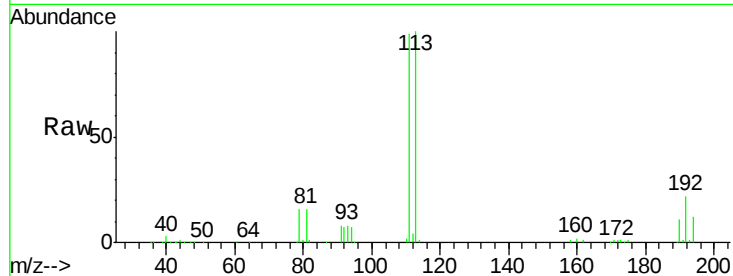




#35
 Dibromofluoromethane
 Concen: 48.519 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009408.D
 Acq: 08 May 2019 19:05

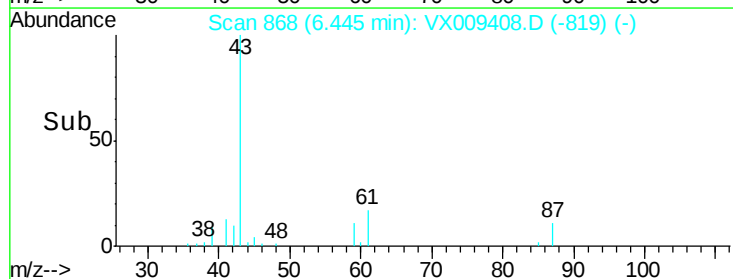
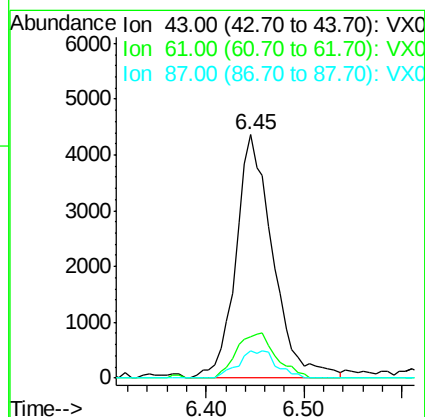
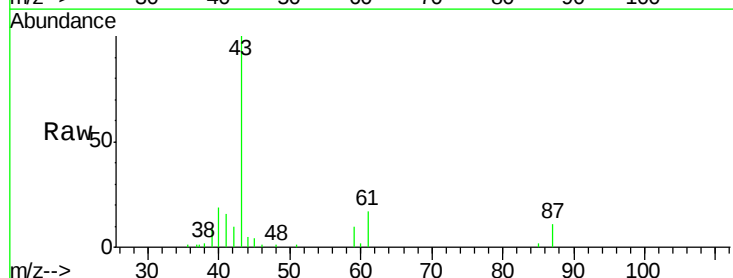
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-02-050719-B

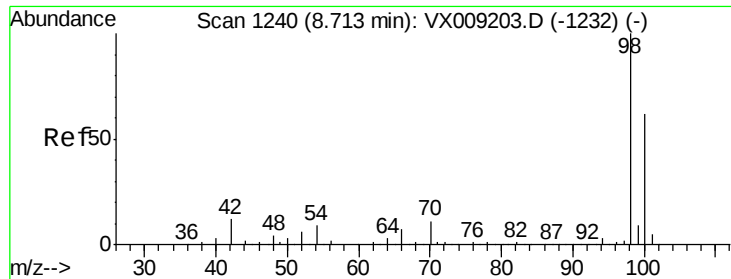
Tot Ion:113 Resp: 87355
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.8 124.2
 192 21.8 17.0 25.6



#43
 Isopropyl Acetate
 Concen: 1.933 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009408.D
 Acq: 08 May 2019 19:05

Tgt Ion: 43 Resp: 11464
 Ion Ratio Lower Upper
 43 100
 61 19.7 15.1 22.7
 87 11.6 9.0 13.6





#50

Toluene-d8

Concen: 49.402 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009408.D

Acq: 08 May 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

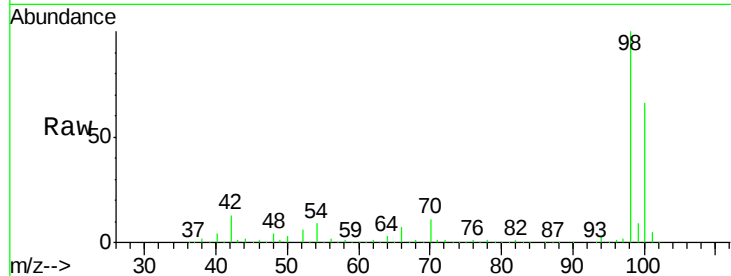
PL-02-050719-B

Tot Ion: 98 Resp: 359094

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

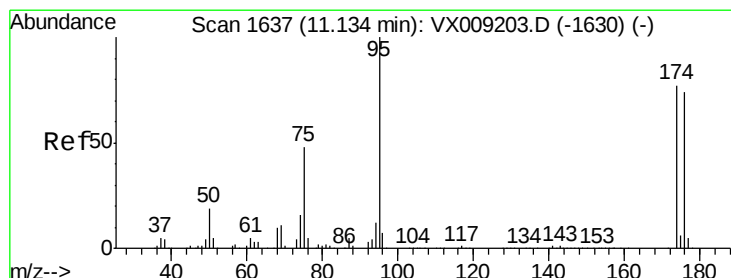
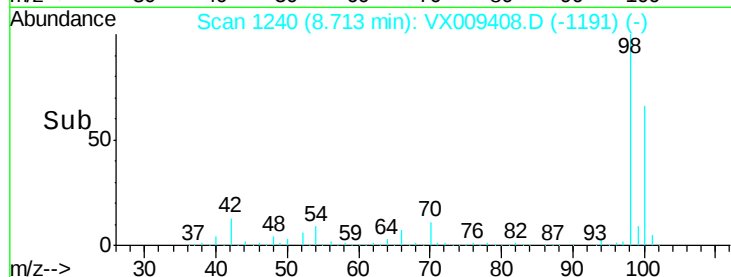
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 43.055 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009408.D

Acq: 08 May 2019 19:05

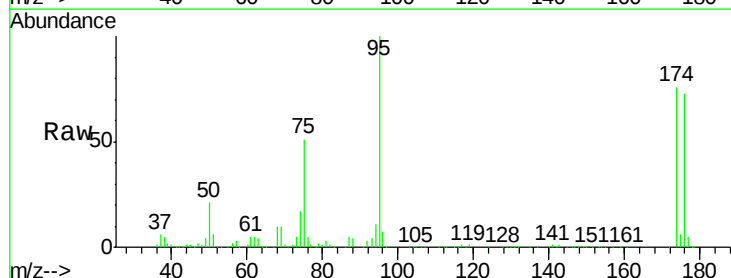
Tgt Ion: 95 Resp: 113717

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.6

176 79.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

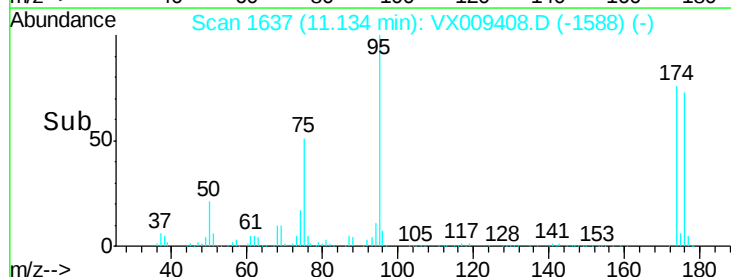
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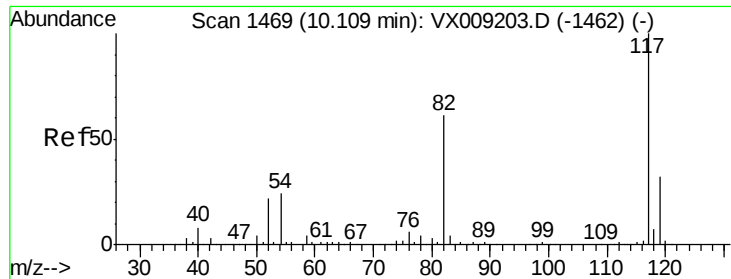
20000

0

11.10 11.20

Time-->

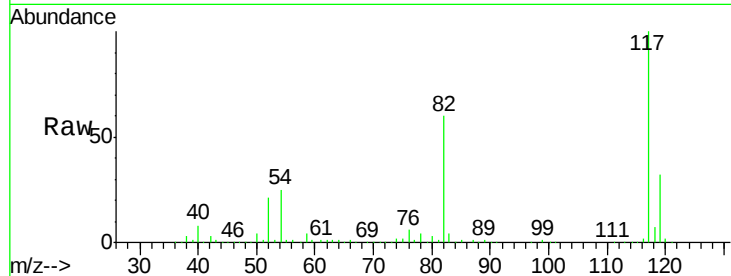




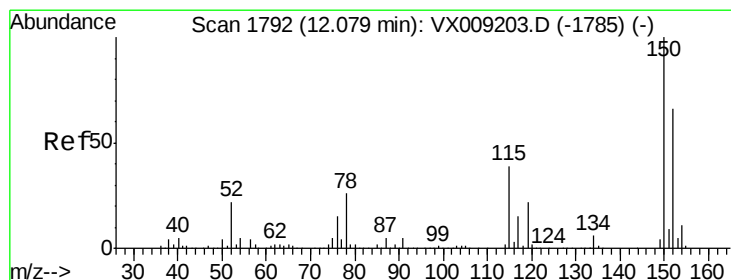
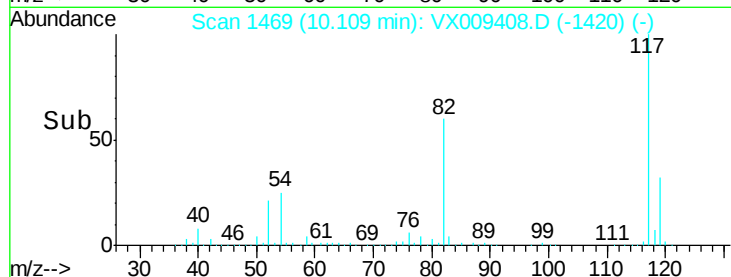
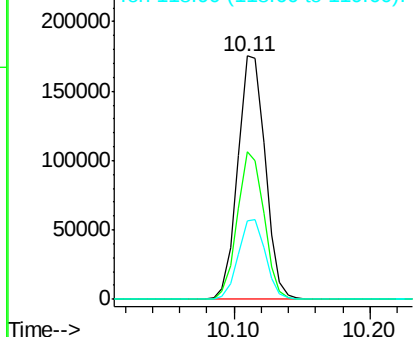
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009408.D
Acq: 08 May 2019 19:05

Instrument :
MSVOA_X
ClientSampled :
PL-02-050719-B

Tot Ion:117 Resp: 247451
Ion Ratio Lower Upper
117 100
82 60.5 48.8 73.2
119 32.3 25.8 38.6

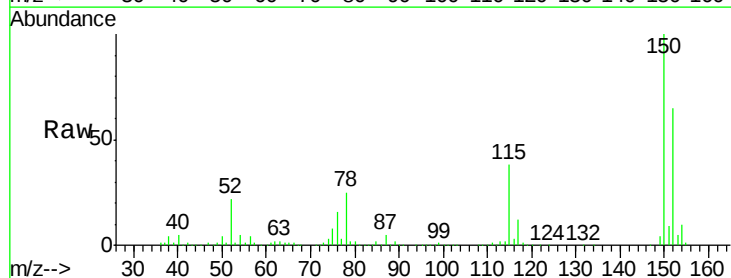


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

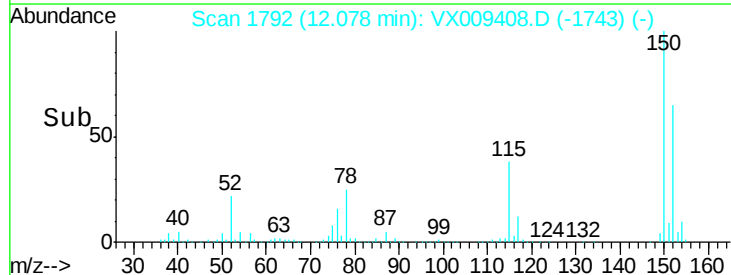
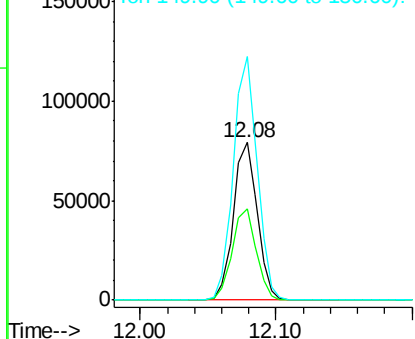


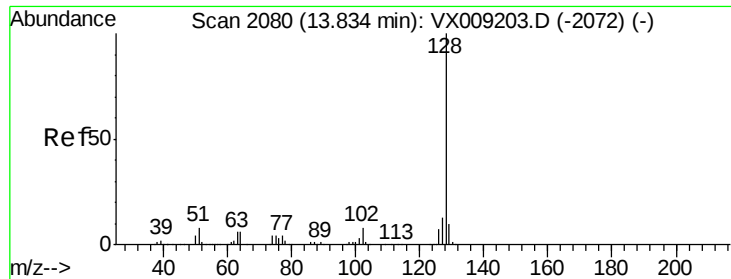
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009408.D
Acq: 08 May 2019 19:05

Tgt Ion:152 Resp: 96675
Ion Ratio Lower Upper
152 100
115 58.5 41.2 123.6
150 154.8 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

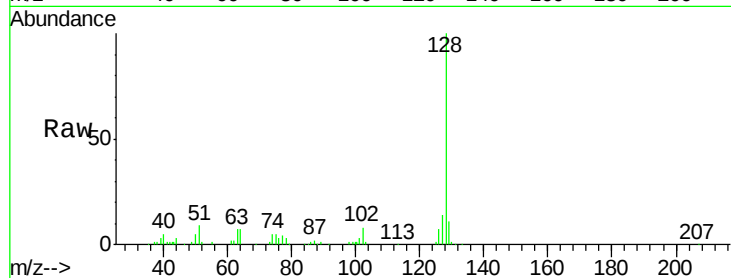




#95
Naphthalene
Concen: 2.672 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009408.D
Acq: 08 May 2019 19:05

Instrument :
MSVOA_X
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PL-02-050719-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.6	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

