

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009409.D
 Acq On : 08 May 2019 19:28
 Operator : JC/SP
 Sample : K2645-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 09 07:17:37 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

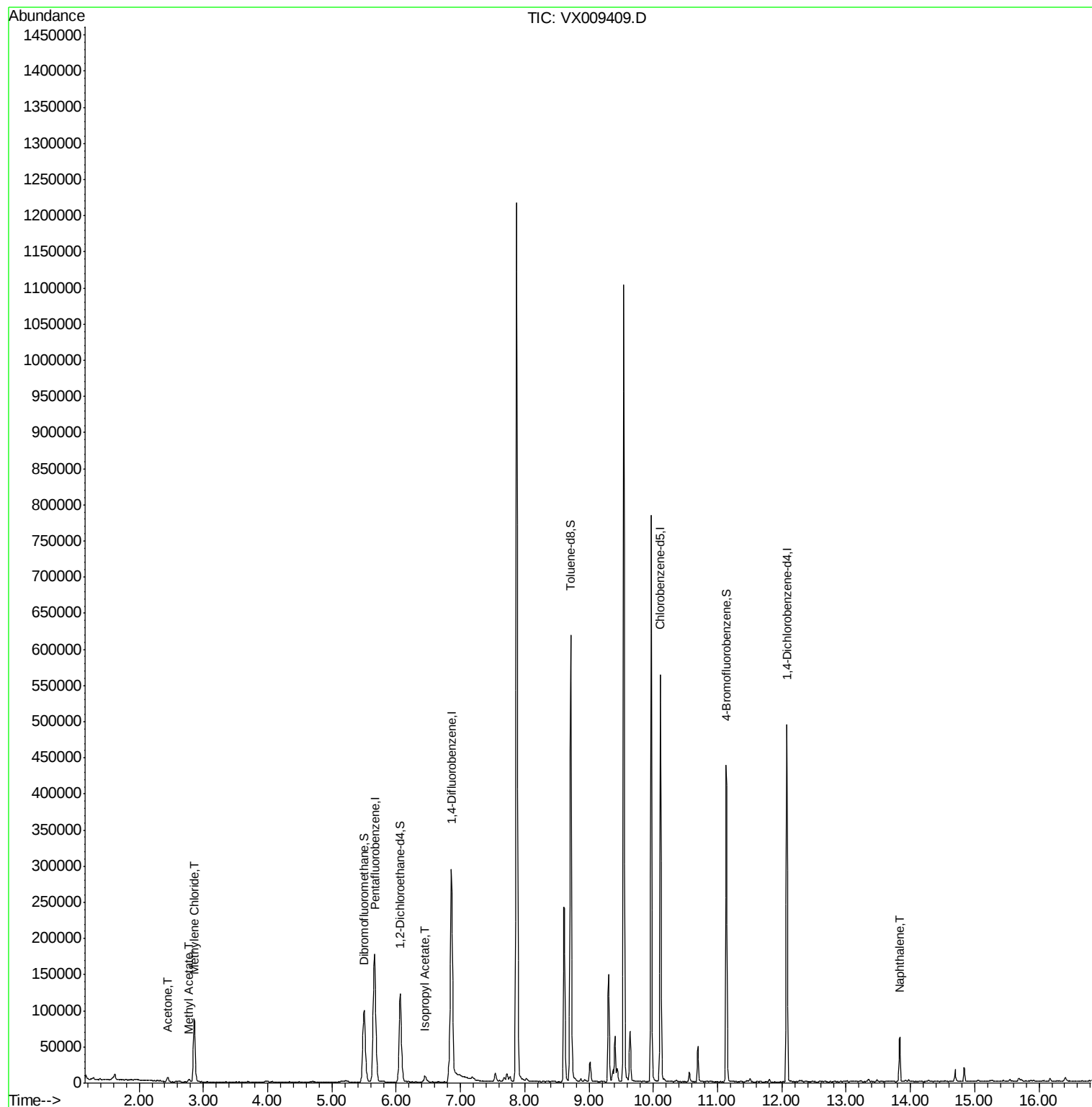
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	115749	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
35) Dibromofluoromethane	5.50	113	86897	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	8.71	98	356465	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	113776	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
Target Compounds						
16) Acetone	2.45	43	6893	5.324	ug/l	96
18) Methyl Acetate	2.78	43	5212	1.693	ug/l	95
20) Methylene Chloride	2.85	84	40557	19.347	ug/l	97
43) Isopropyl Acetate	6.45	43	11970	2.041	ug/l	97
95) Naphthalene	13.83	128	37343	5.063	ug/l	100

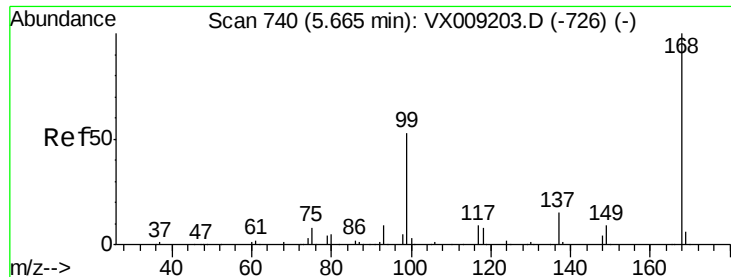
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009409.D

Acq: 08 May 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

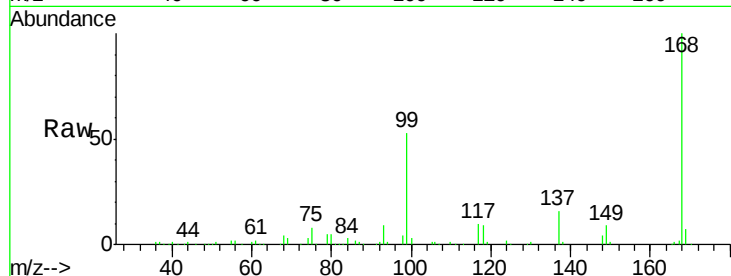
PL-02-050719-C

Tot Ion:168 Resp: 176630

Ion Ratio Lower Upper

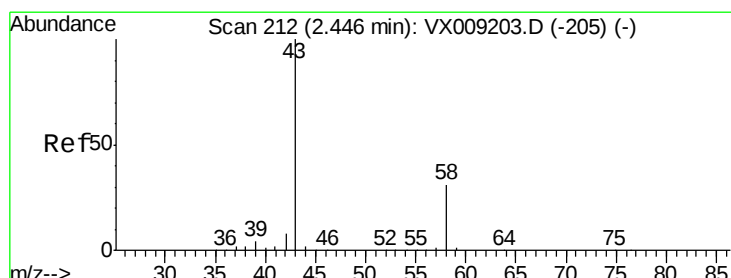
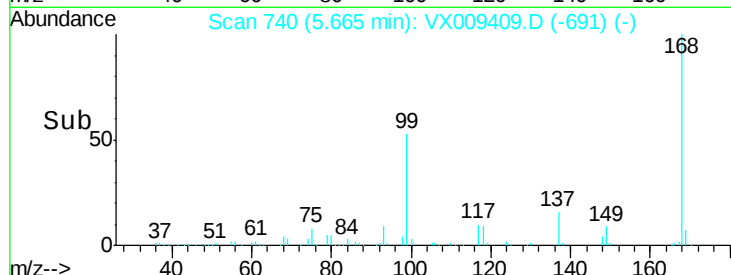
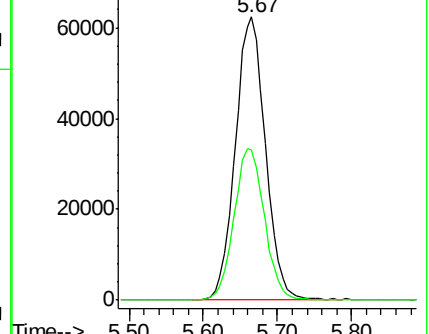
168 100

99 53.3 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: 5.324 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009409.D

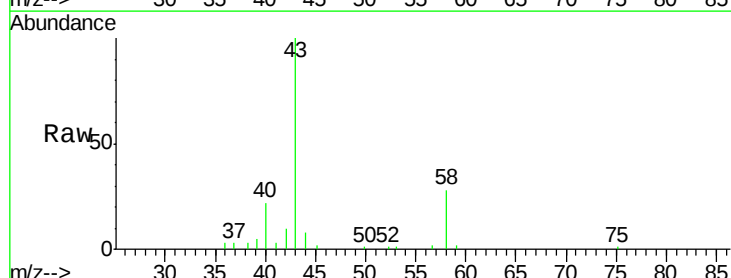
Acq: 08 May 2019 19:28

Tgt Ion: 43 Resp: 6893

Ion Ratio Lower Upper

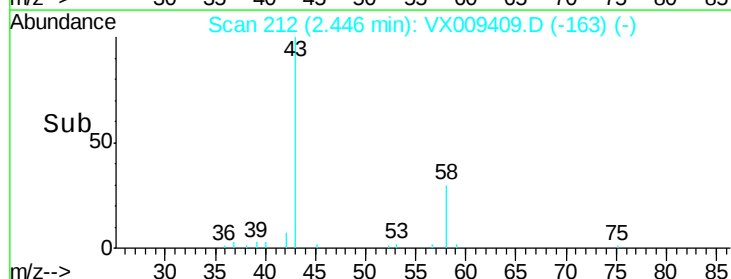
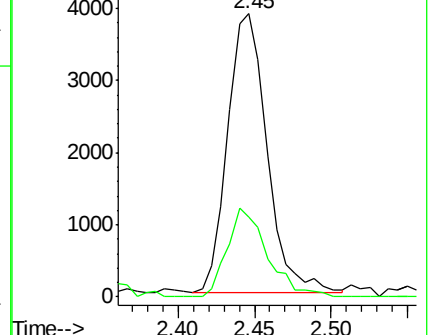
43 100

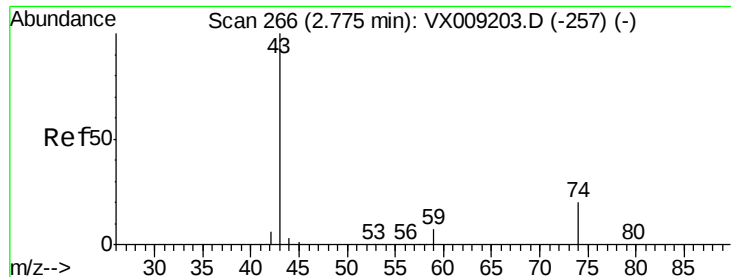
58 28.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

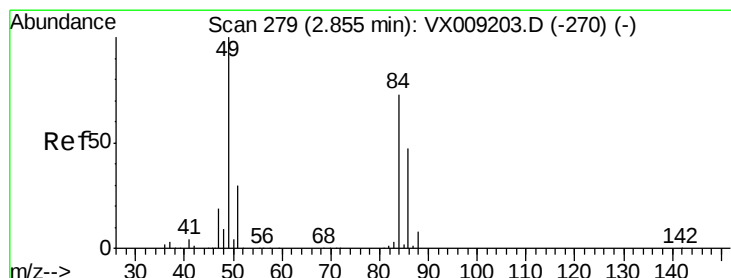
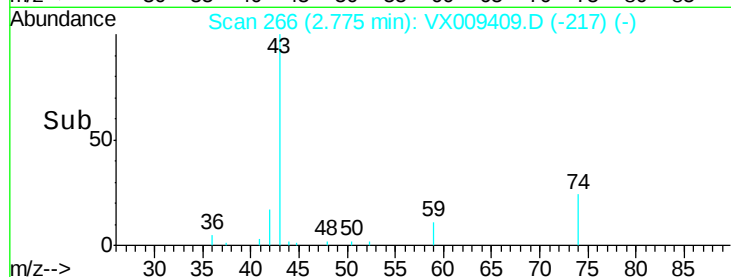
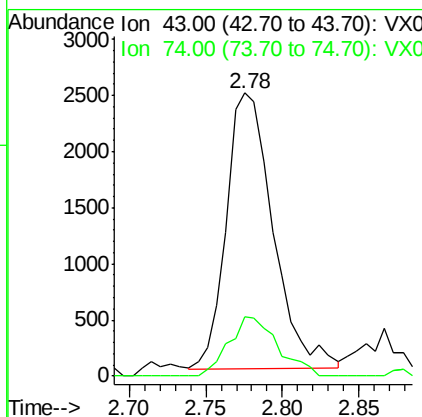
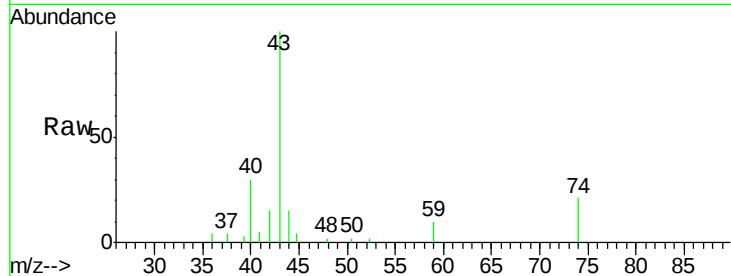




#18
Methyl Acetate
Concen: 1.693 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009409.D
Acq: 08 May 2019 19:28

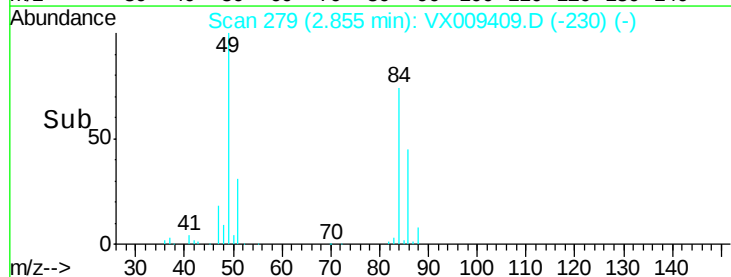
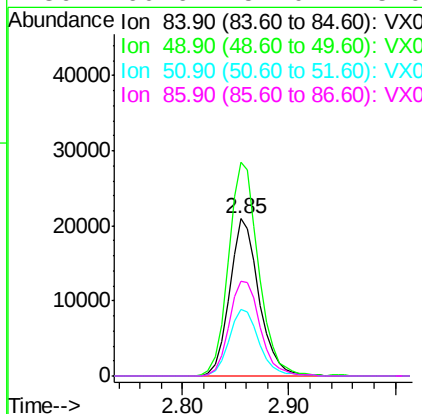
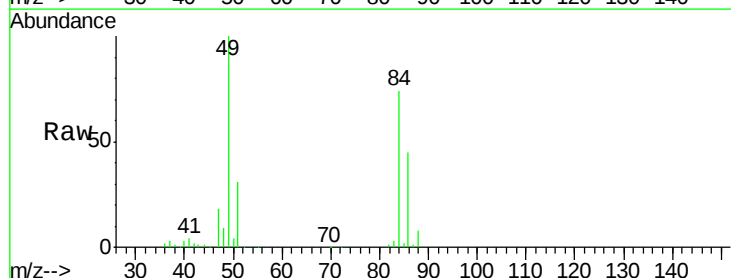
Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-C

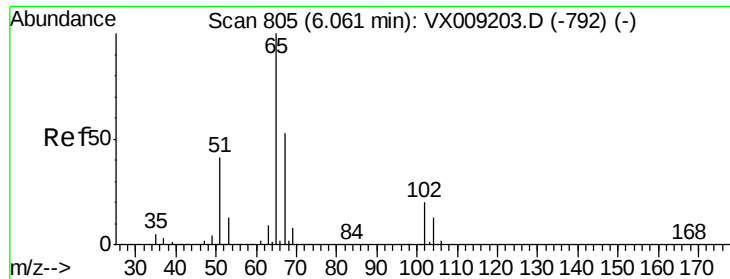
Tot Ion: 43 Resp: 5212
Ion Ratio Lower Upper
43 100
74 22.4 16.2 24.4



#20
Methylene Chloride
Concen: 19.347 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009409.D
Acq: 08 May 2019 19:28

Tgt Ion: 84 Resp: 40557
Ion Ratio Lower Upper
84 100
49 135.8 109.9 164.9
51 42.0 32.7 49.1
86 60.6 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 48.005 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009409.D

Acq: 08 May 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

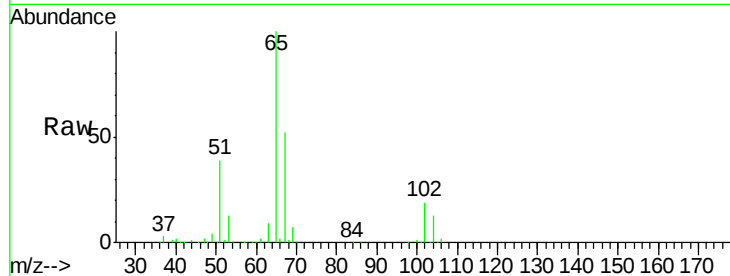
PL-02-050719-C

Tot Ion: 65 Resp: 115749

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

40000

30000

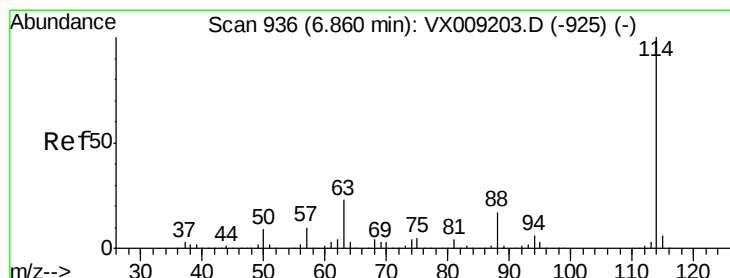
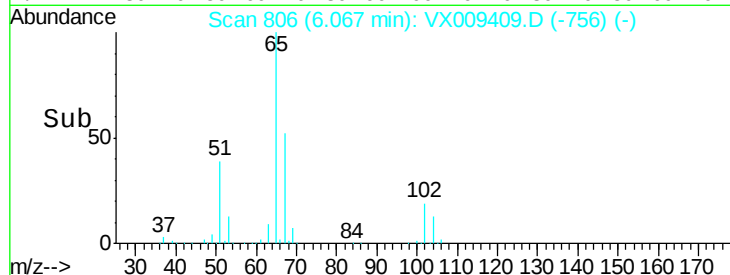
20000

10000

0

Time-->

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: VX009409.D

Acq: 08 May 2019 19:28

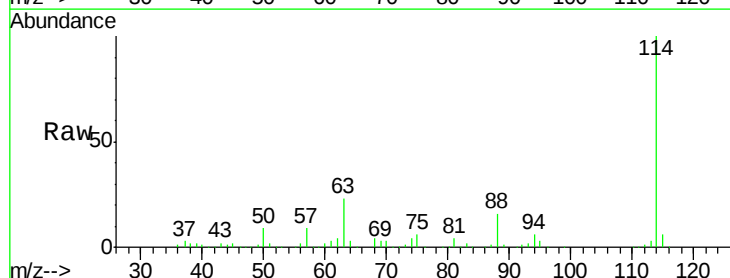
Tgt Ion: 114 Resp: 283229

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 15.8 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

6.86

150000

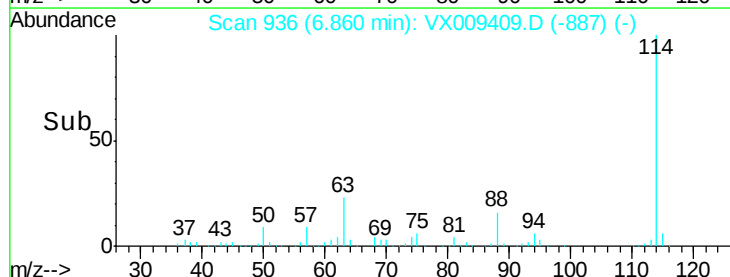
100000

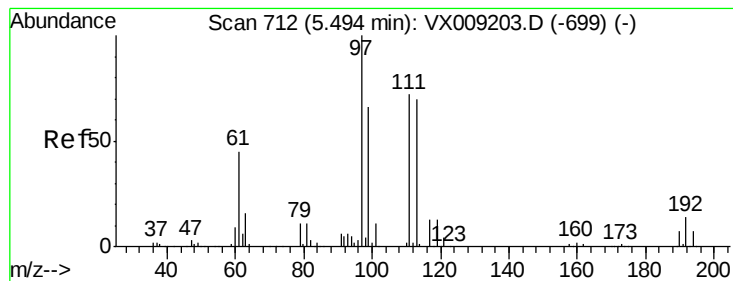
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 48.805 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009409.D

Acq: 08 May 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-C

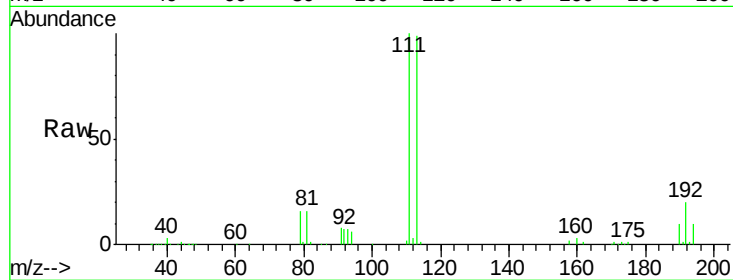
Tot Ion:113 Resp: 86897

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

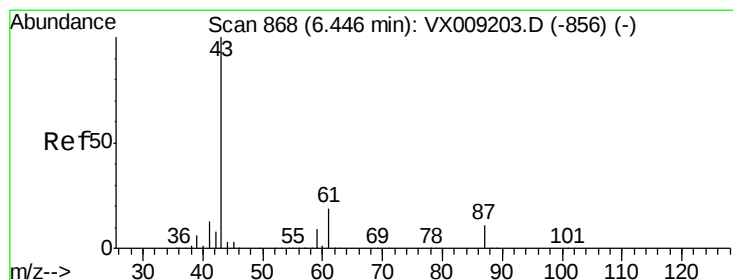
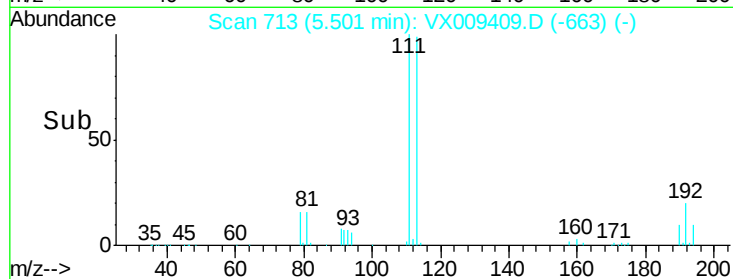
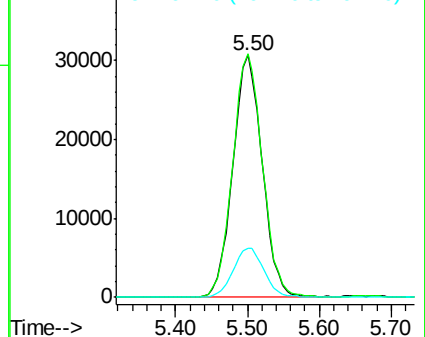
192 21.2 17.0 25.6



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



#43

Isopropyl Acetate

Concen: 2.041 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009409.D

Acq: 08 May 2019 19:28

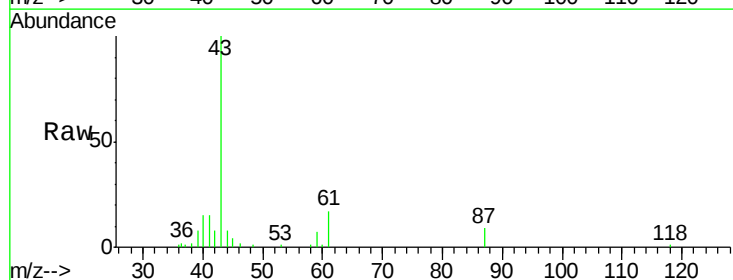
Tgt Ion: 43 Resp: 11970

Ion Ratio Lower Upper

43 100

61 20.6 15.1 22.7

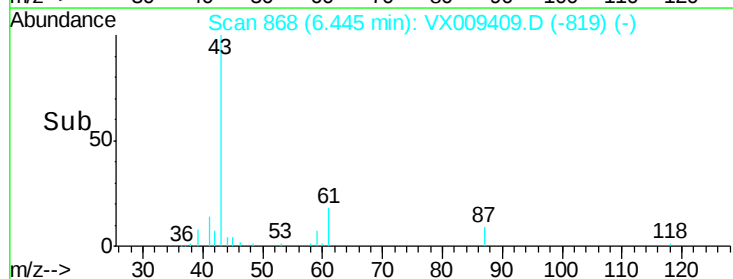
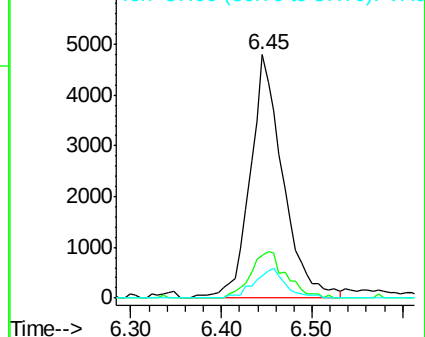
87 11.9 9.0 13.6

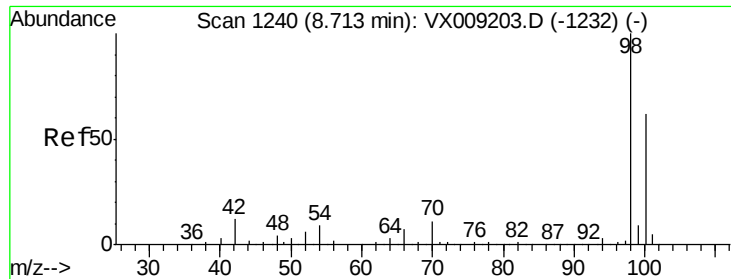


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.590 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009409.D

Acq: 08 May 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

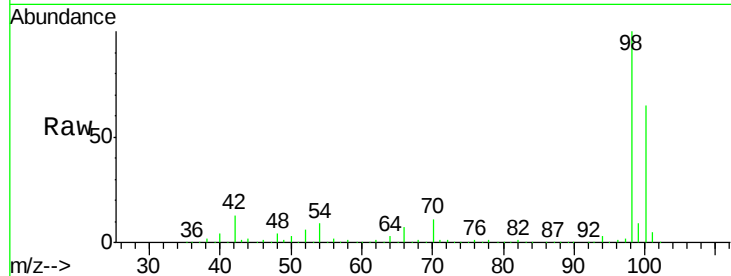
PL-02-050719-C

Tot Ion: 98 Resp: 356465

Ion Ratio Lower Upper

98 100

100 64.0 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

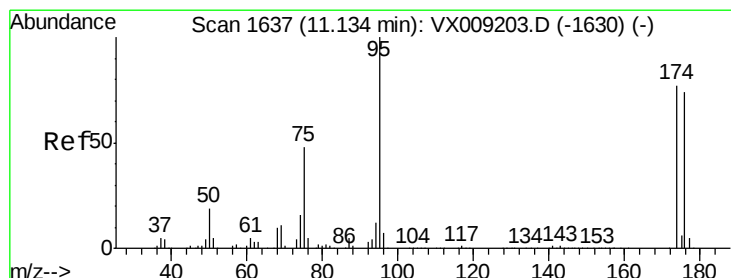
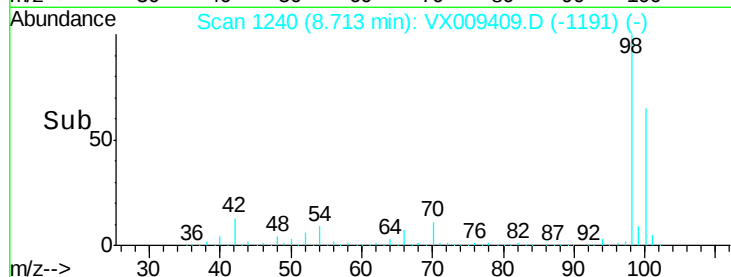
0

8.60

8.71

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 43.560 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009409.D

Acq: 08 May 2019 19:28

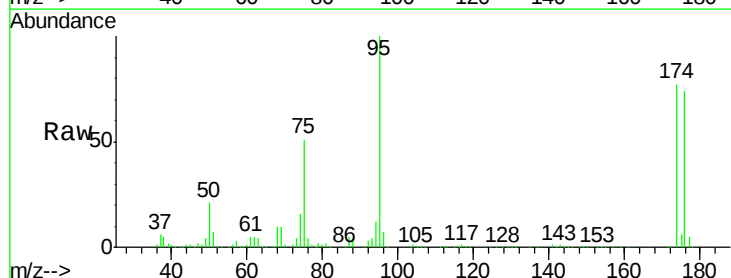
Tgt Ion: 95 Resp: 113776

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.6

176 80.3 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

40000

20000

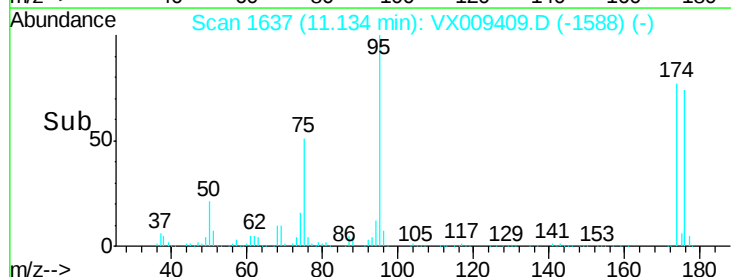
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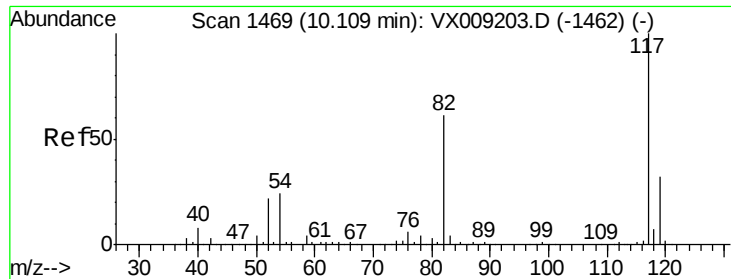
11.10

11.13

11.20

Time-->

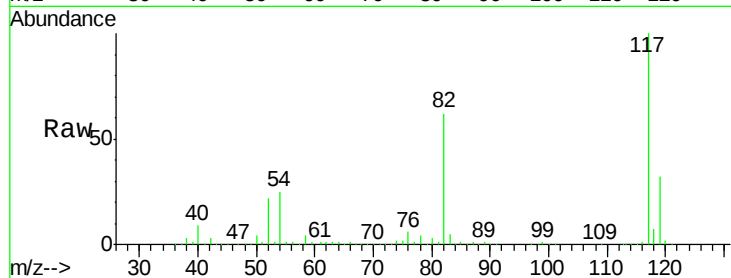




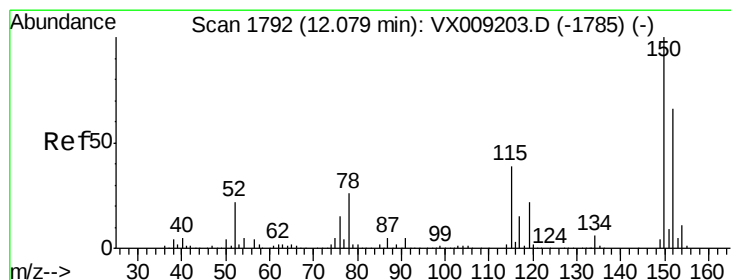
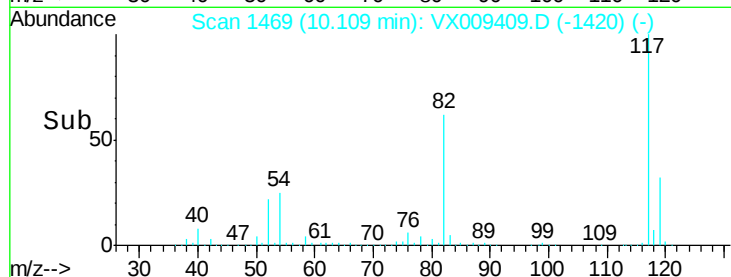
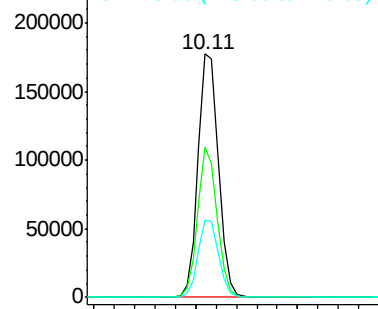
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009409.D
Acq: 08 May 2019 19:28

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

Tot Ion:117 Resp: 246585
Ion Ratio Lower Upper
117 100
82 61.8 48.8 73.2
119 31.7 25.8 38.6

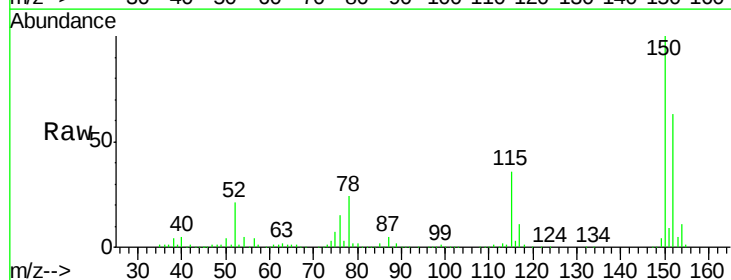


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

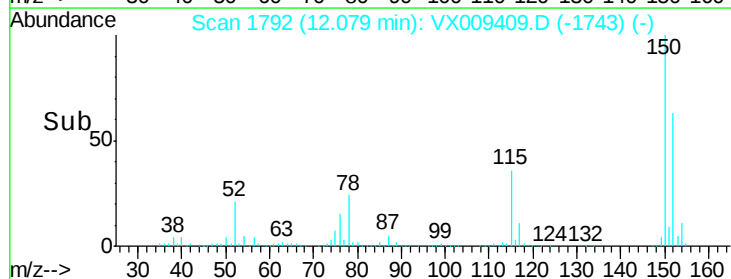
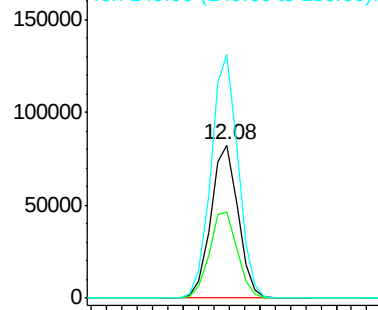


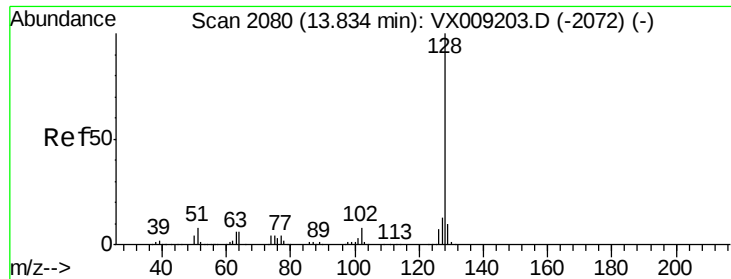
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009409.D
Acq: 08 May 2019 19:28

Tgt Ion:152 Resp: 101158
Ion Ratio Lower Upper
152 100
115 58.1 41.2 123.6
150 159.0 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

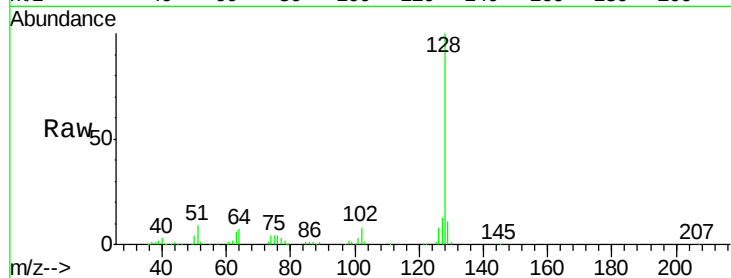




#95
Naphthalene
Concen: 5.063 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009409.D
Acq: 08 May 2019 19:28

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	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

