

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009411.D
 Acq On : 08 May 2019 20:15
 Operator : JC/SP
 Sample : K2645-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 09 07:22:12 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	179310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288330	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96313	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	118123	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
35) Dibromofluoromethane	5.50	113	87532	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
50) Toluene-d8	8.71	98	362056	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	114134	42.92	ug/l	0.00
Spiked Amount			Recovery	=	85.84%	

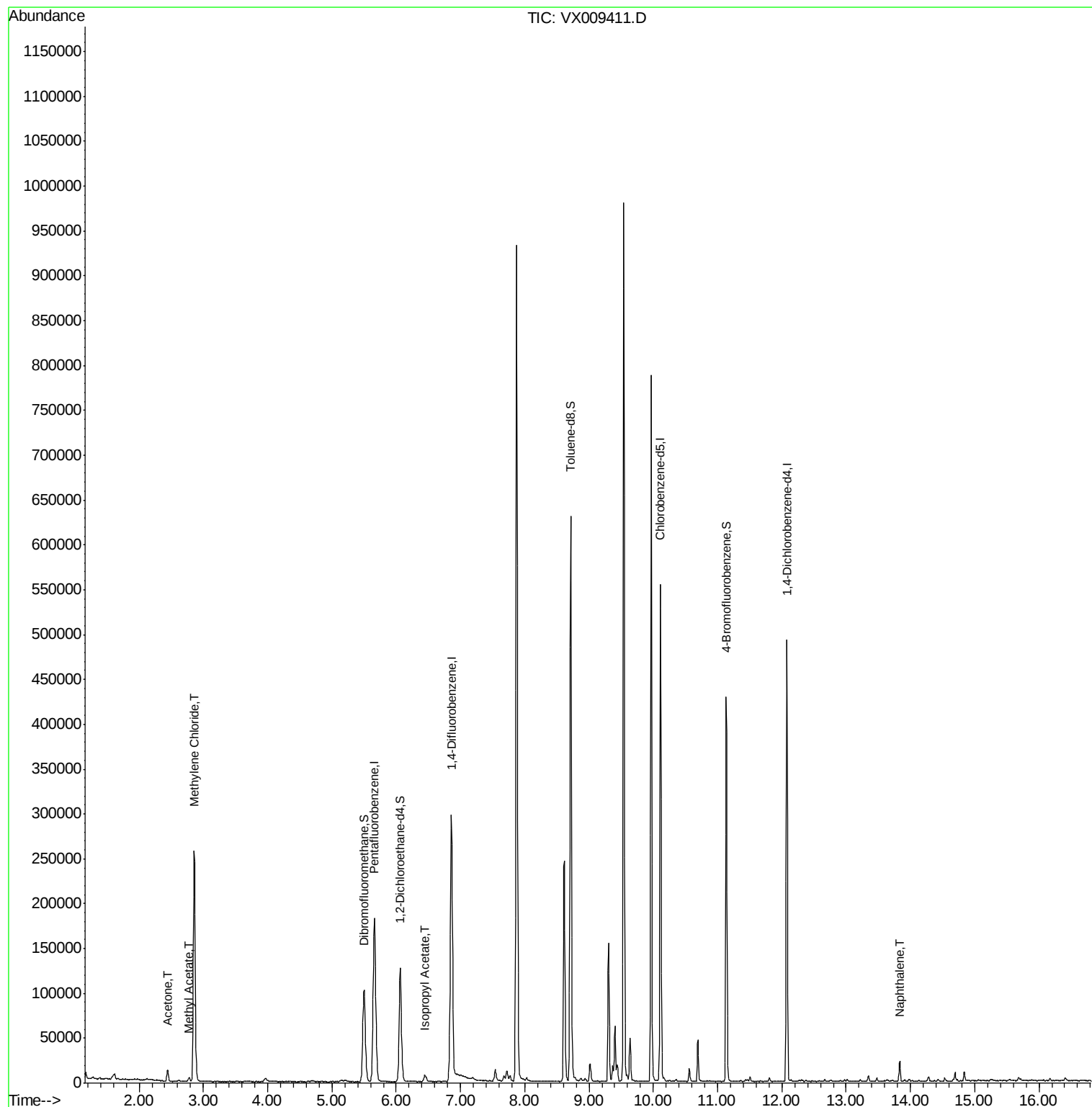
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	14391	10.949	ug/l	95
18) Methyl Acetate	2.78	43	6331	2.025	ug/l	96
20) Methylene Chloride	2.85	84	118504	55.684	ug/l	97
43) Isopropyl Acetate	6.45	43	11544	1.933	ug/l	99
95) Naphthalene	13.83	128	13321	1.897	ug/l	99

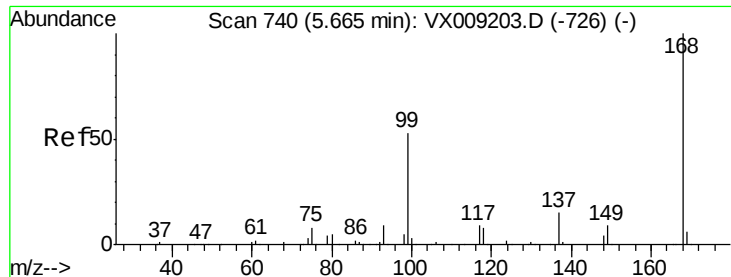
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009411.D

Acq: 08 May 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

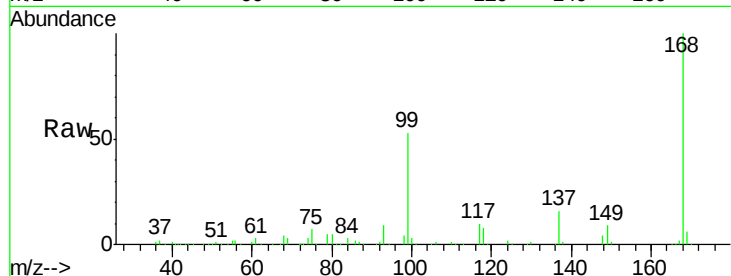
PL-02-050719-E

Tot Ion:168 Resp: 179310

Ion Ratio Lower Upper

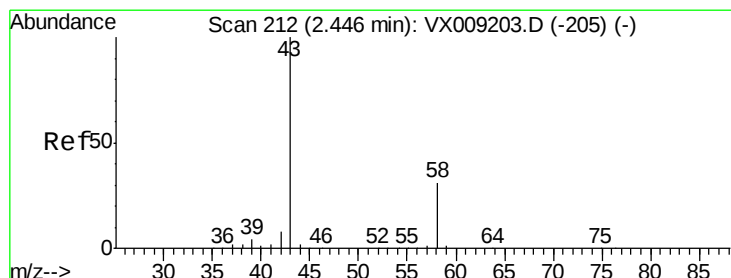
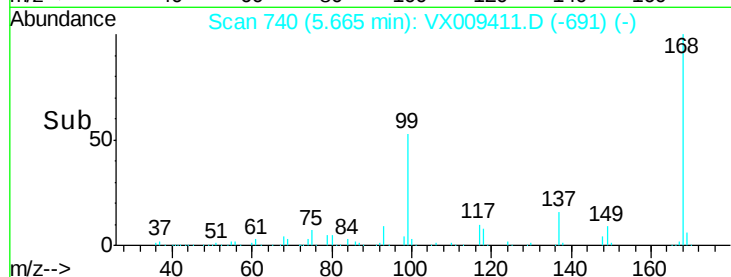
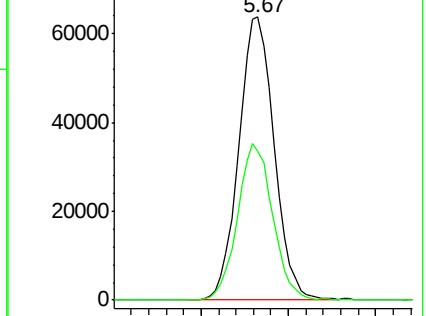
168 100

99 52.7 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: 10.949 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009411.D

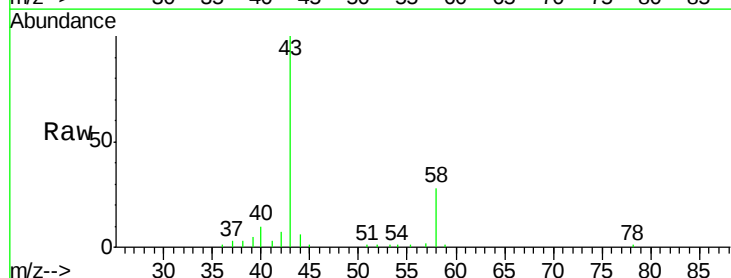
Acq: 08 May 2019 20:15

Tgt Ion: 43 Resp: 14391

Ion Ratio Lower Upper

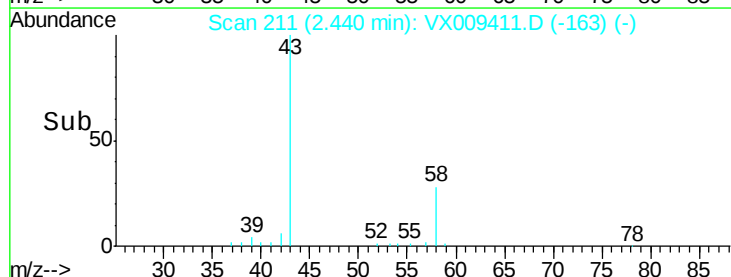
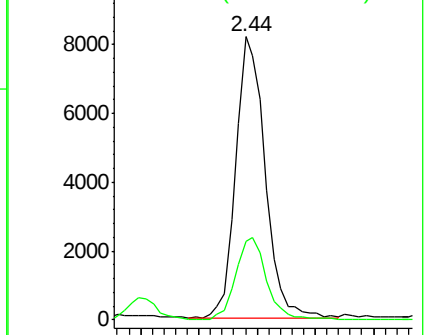
43 100

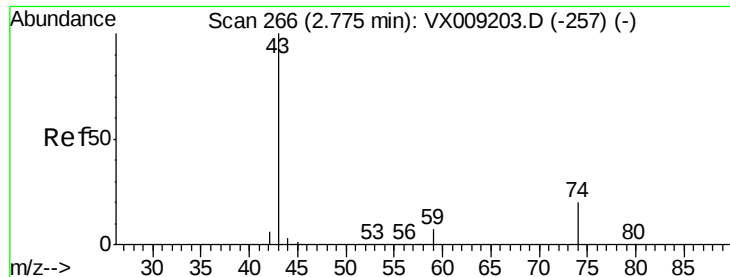
58 28.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

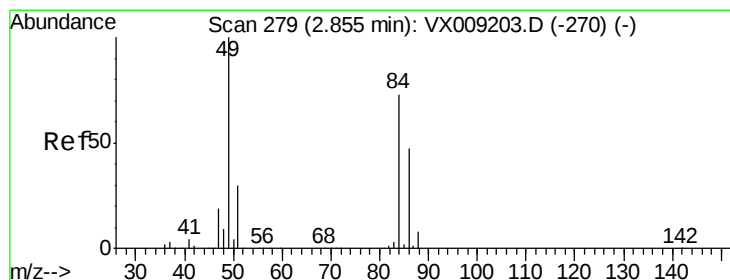
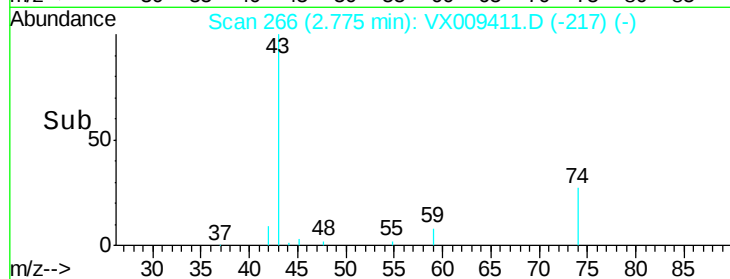
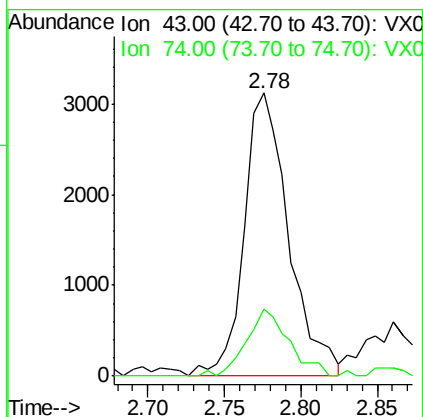
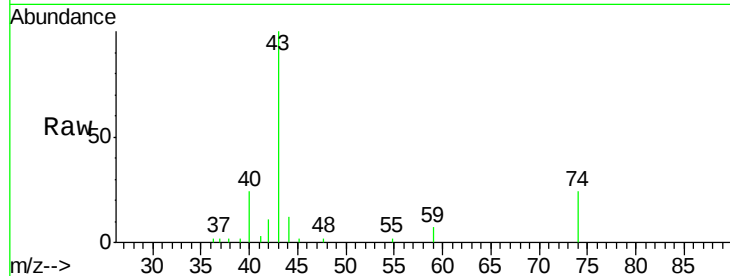




#18
Methvl Acetate
Concen: 2.025 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

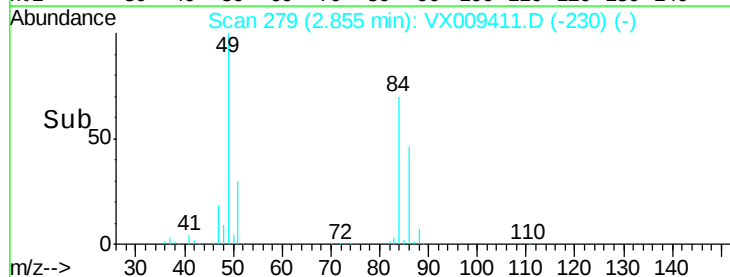
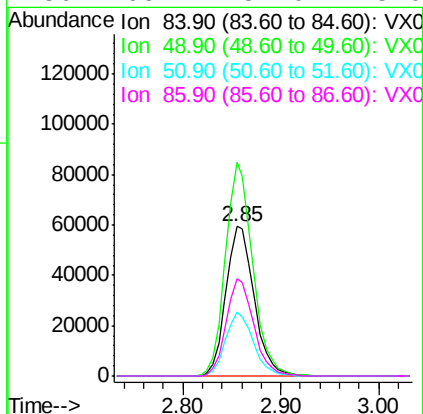
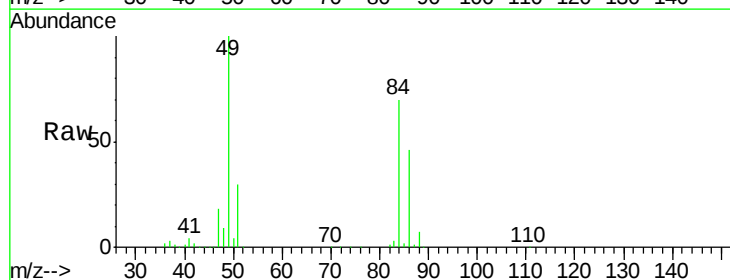
Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

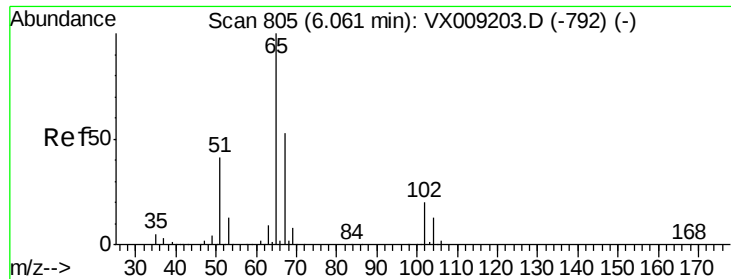
Tot Ion: 43 Resp: 6331
Ion Ratio Lower Upper
43 100
74 22.4 16.2 24.4



#20
Methylene Chloride
Concen: 55.684 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 84 Resp: 118504
Ion Ratio Lower Upper
84 100
49 143.1 109.9 164.9
51 43.1 32.7 49.1
86 65.1 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 48.257 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009411.D

Acq: 08 May 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

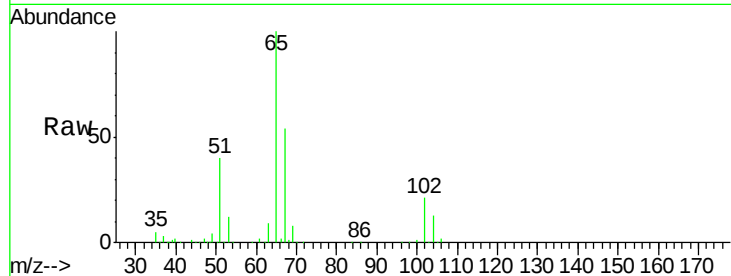
PL-02-050719-E

Tot Ion: 65 Resp: 118123

Ion Ratio Lower Upper

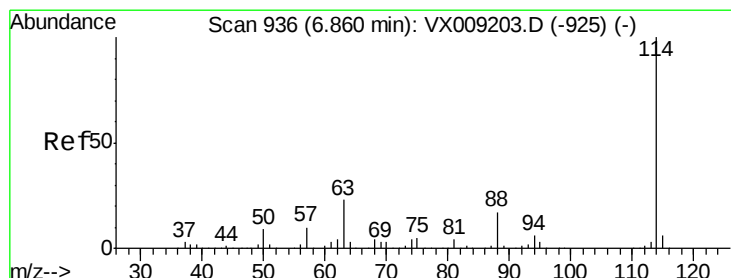
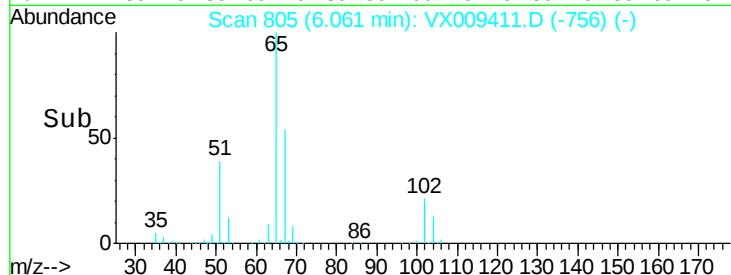
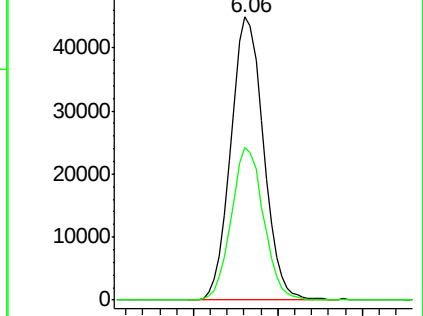
65 100

67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009411.D

Acq: 08 May 2019 20:15

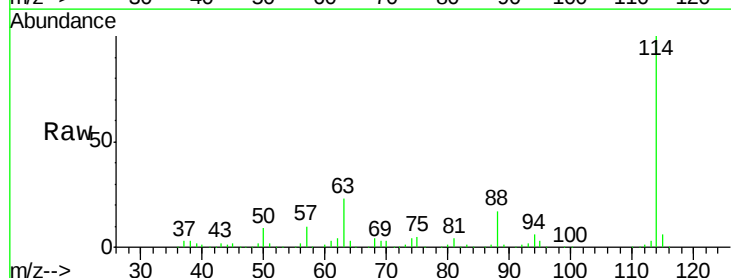
Tgt Ion: 114 Resp: 288330

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

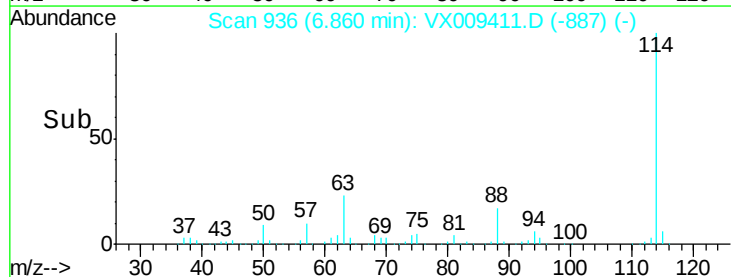
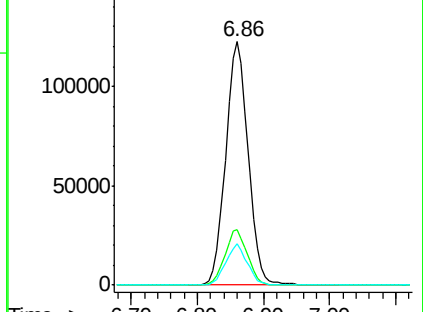
88 16.8 0.0 33.2

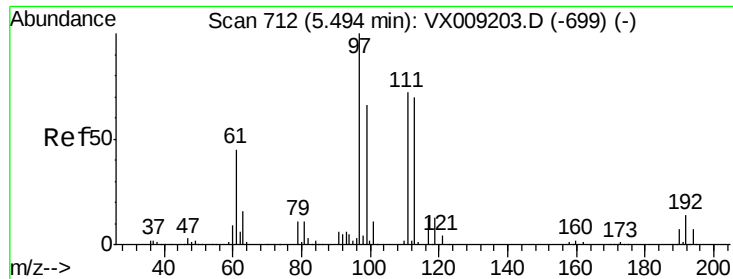


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.292 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009411.D

Acq: 08 May 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-E

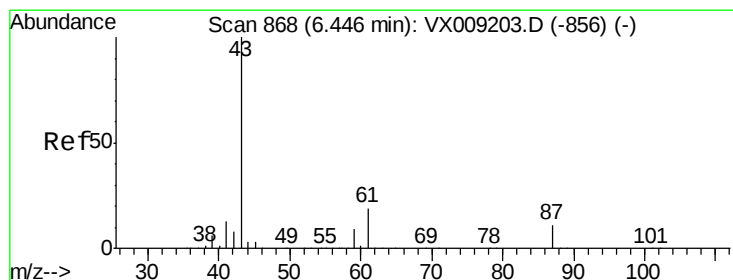
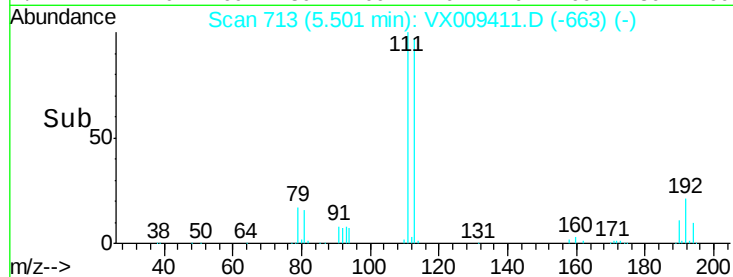
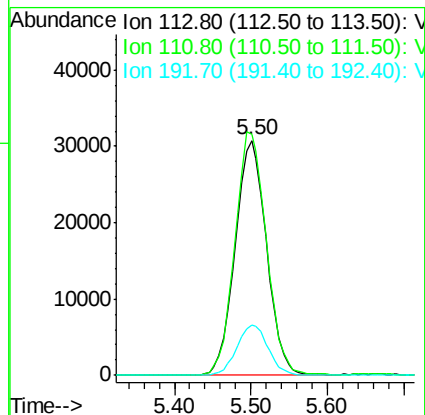
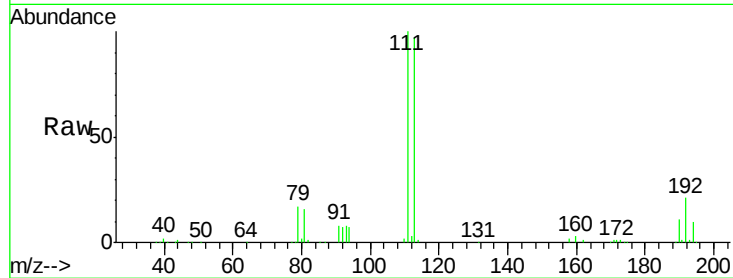
Tot Ion:113 Resp: 87532

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

192 21.4 17.0 25.6



#43

Isopropyl Acetate

Concen: 1.933 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009411.D

Acq: 08 May 2019 20:15

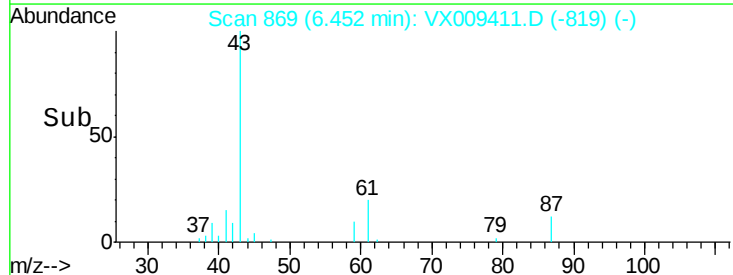
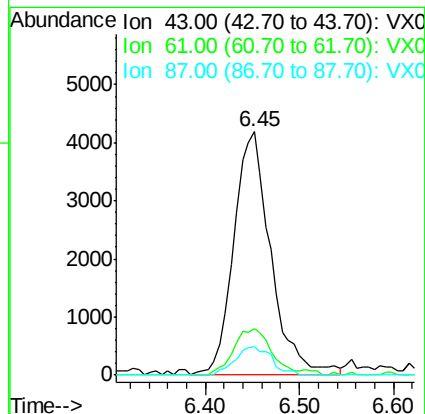
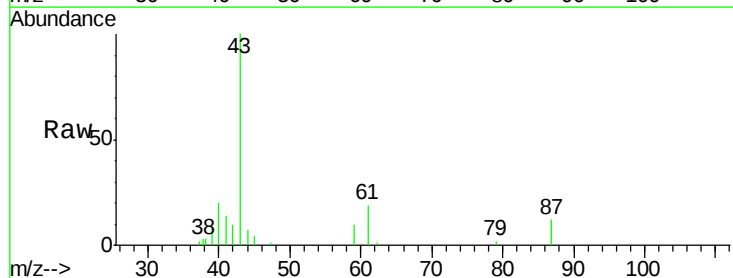
Tgt Ion: 43 Resp: 11544

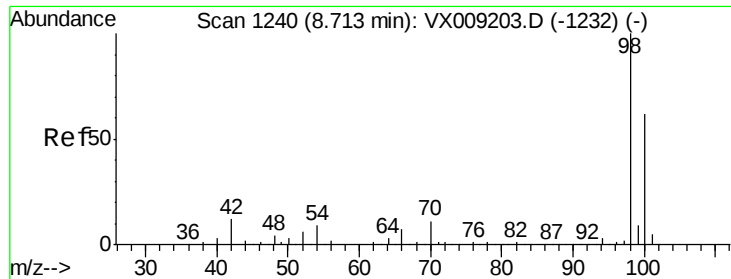
Ion Ratio Lower Upper

43 100

61 19.3 15.1 22.7

87 11.4 9.0 13.6





#50

Toluene-d8

Concen: 49.476 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009411.D

Acq: 08 May 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

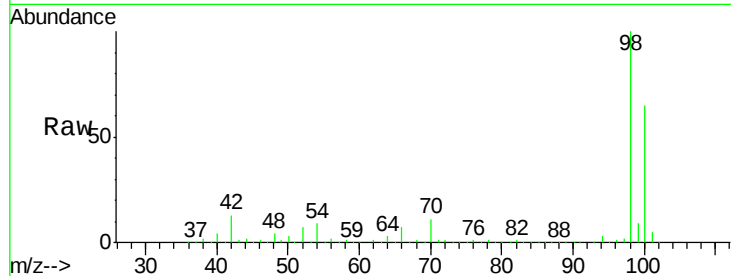
PL-02-050719-E

Tot Ion: 98 Resp: 362056

Ion Ratio Lower Upper

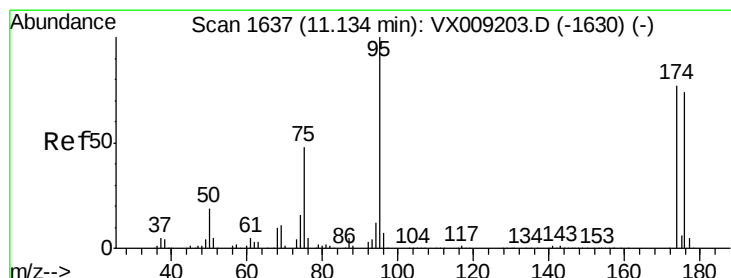
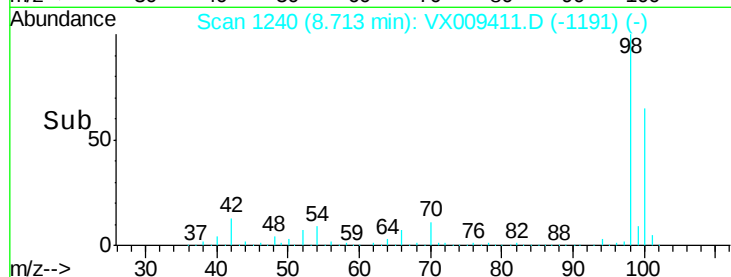
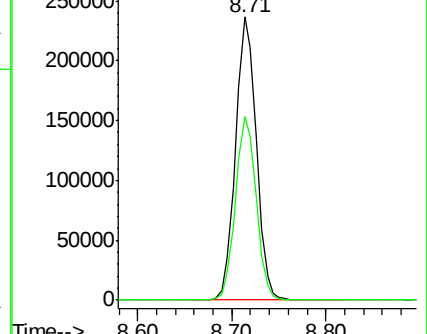
98 100

100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.924 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009411.D

Acq: 08 May 2019 20:15

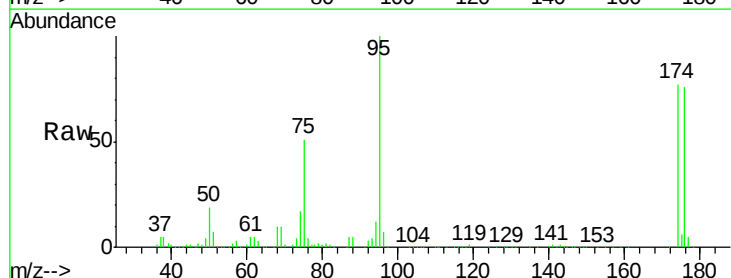
Tgt Ion: 95 Resp: 114134

Ion Ratio Lower Upper

95 100

174 82.7 0.0 161.6

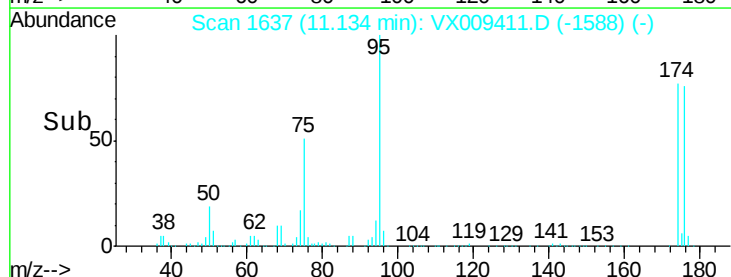
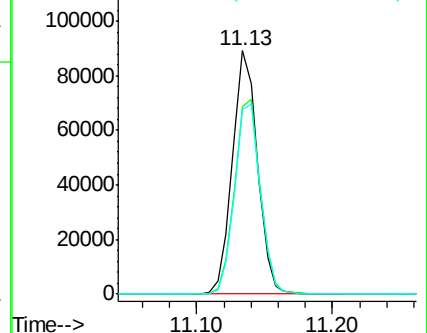
176 80.6 0.0 159.2

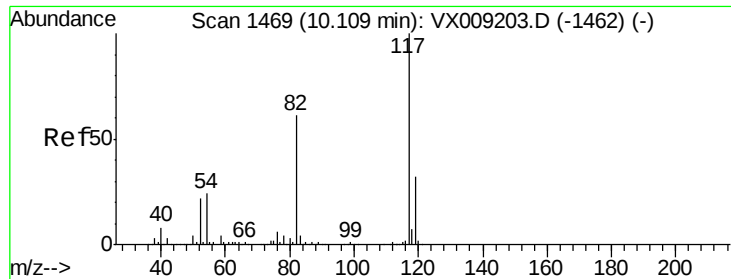


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

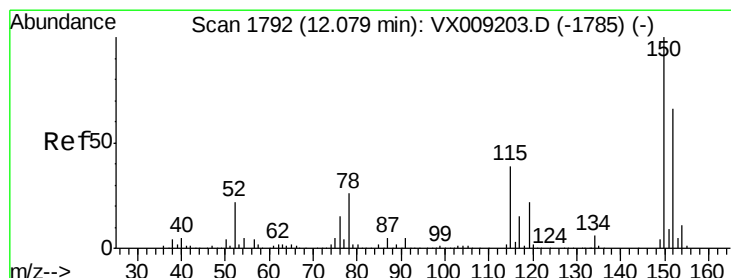
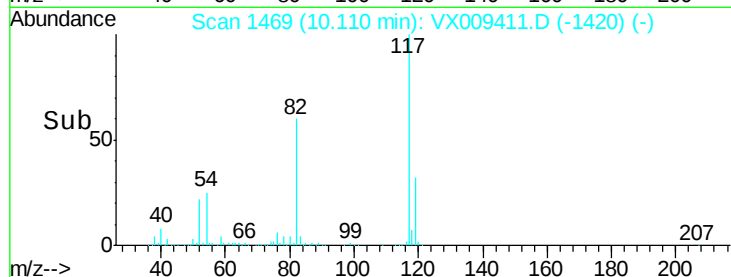
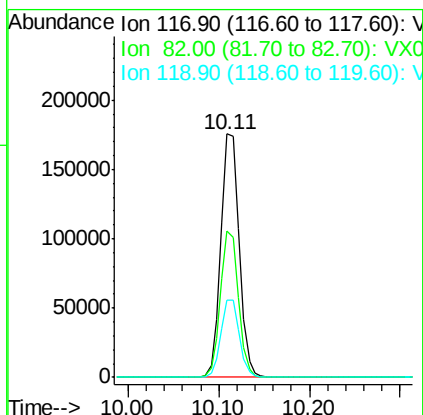
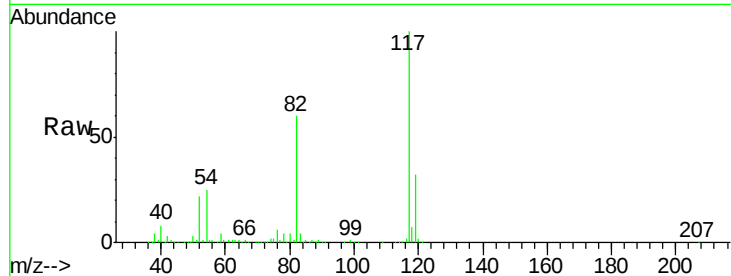




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

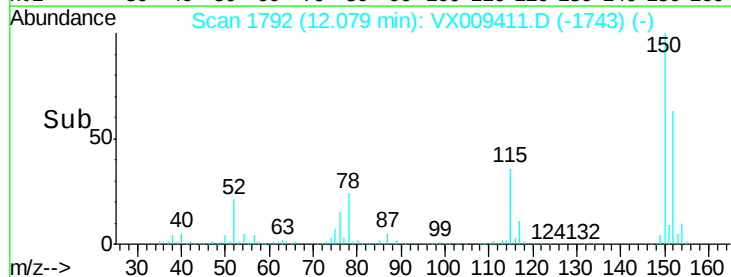
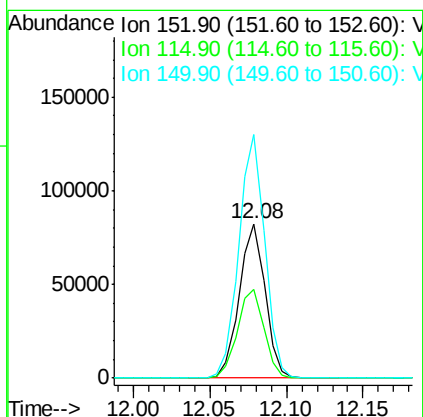
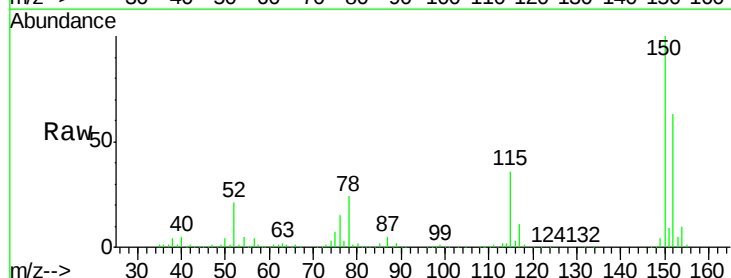
Instrument :
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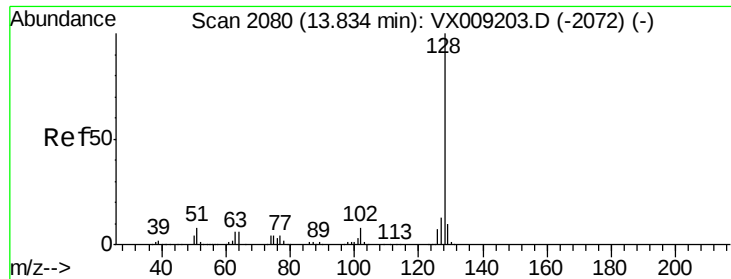
Tot Ion:117 Resp: 249251
Ion Ratio Lower Upper
117 100
82 60.3 48.8 73.2
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion:152 Resp: 96313
Ion Ratio Lower Upper
152 100
115 59.4 41.2 123.6
150 158.8 0.0 346.4





#95

Naphthalene

Concen: 1.897 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009411.D

Acq: 08 May 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-E

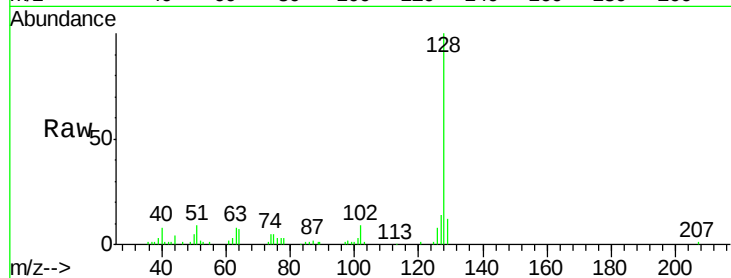
Tot Ion:128 Resp: 13321

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.7 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

