

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX009984.D
 Acq On : 31 May 2019 14:50
 Operator : JC/SP
 Sample : K2964-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1DL

Quant Time: May 31 15:29:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

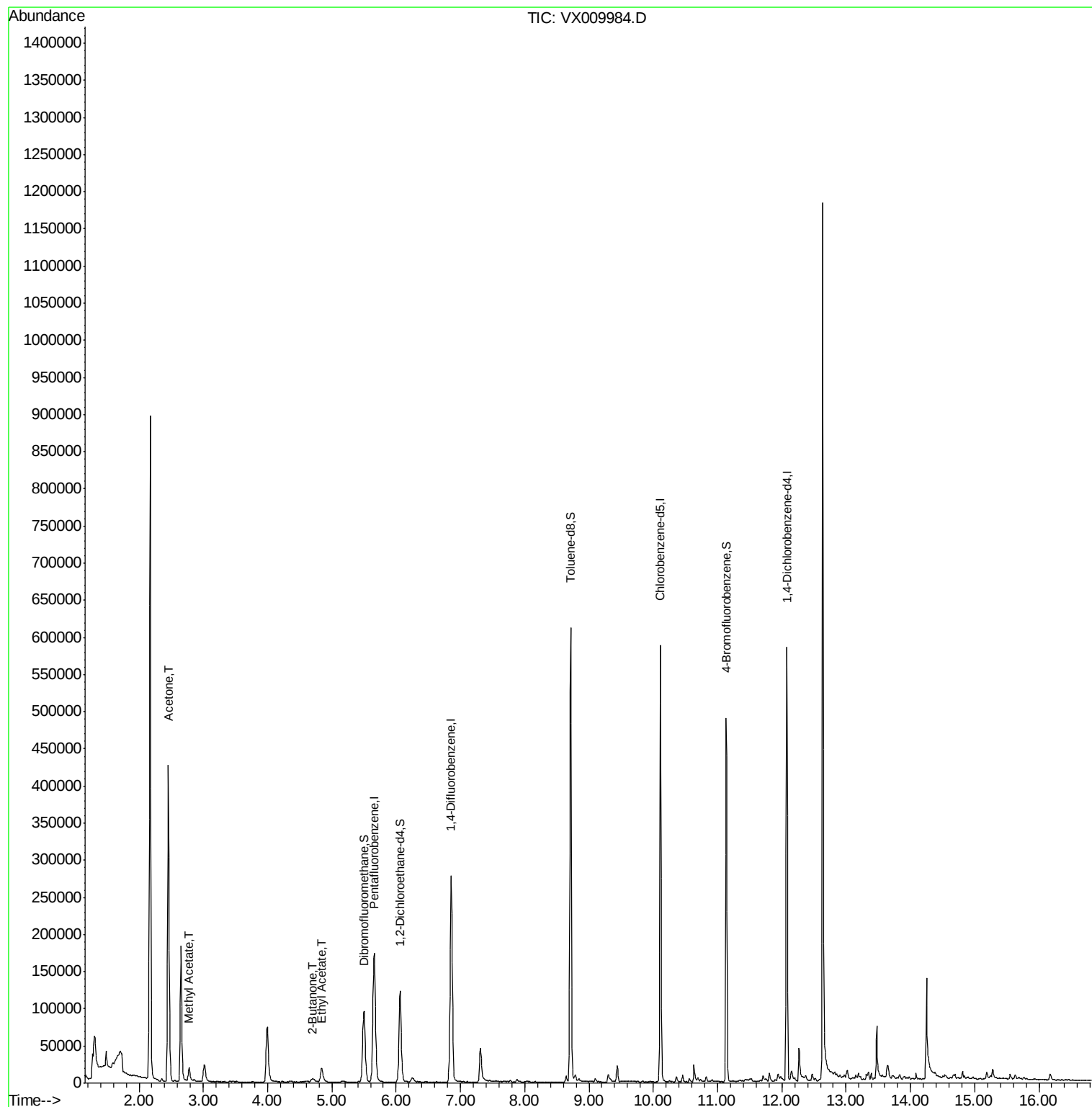
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114343	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
35) Dibromofluoromethane	5.50	113	82947	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	8.71	98	351559	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	124644	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
Target Compounds						
16) Acetone	2.45	43	483872	353.539	ug/l	96
18) Methyl Acetate	2.78	43	23105	7.255	ug/l	100
25) 2-Butanone	4.69	43	6808	3.193	ug/l	95
37) Ethyl Acetate	4.84	43	34361	8.994	ug/l	99

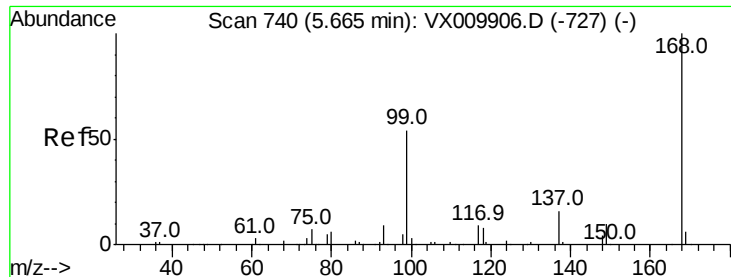
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 28 13:02:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009984.D

Acq: 31 May 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

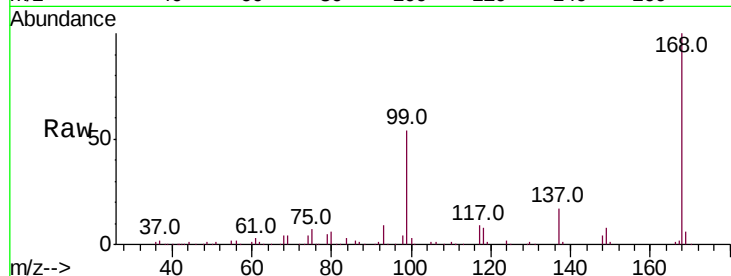
COMP-IDL

Tot Ion:168 Resp: 167694

Ion Ratio Lower Upper

168 100

99 53.9 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

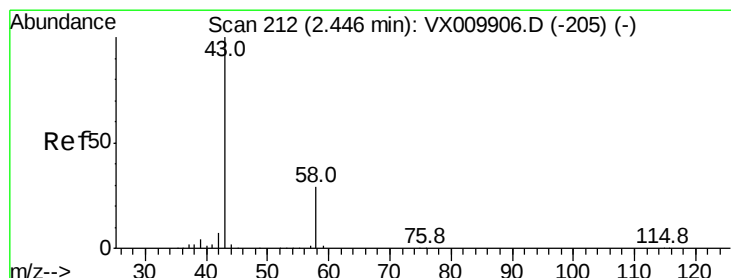
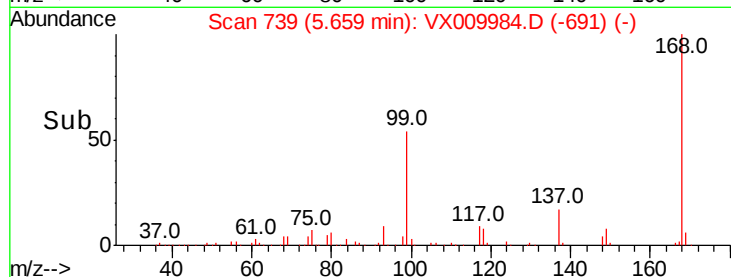
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 353.539 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009984.D

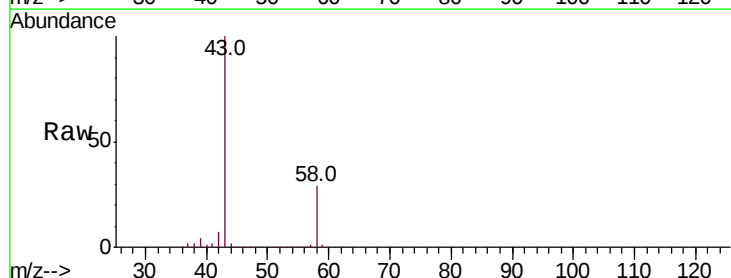
Acq: 31 May 2019 14:50

Tgt Ion: 43 Resp: 483872

Ion Ratio Lower Upper

43 100

58 29.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

300000

250000

200000

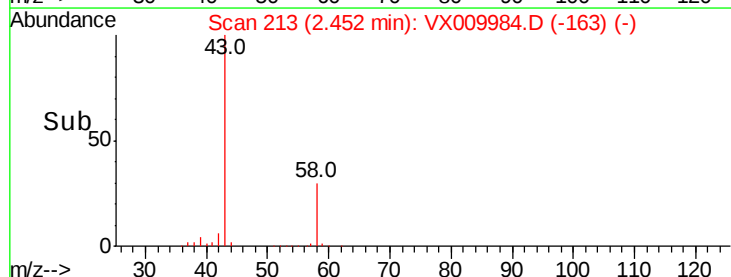
150000

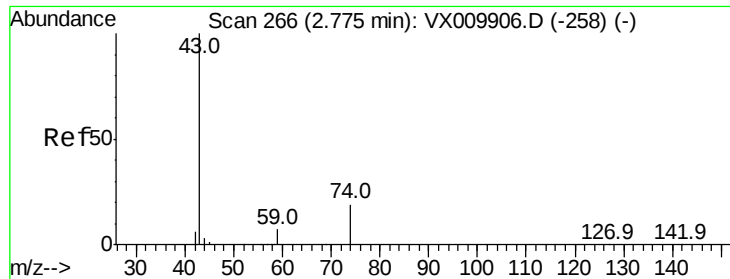
100000

50000

0

Time--> 2.40 2.50 2.60

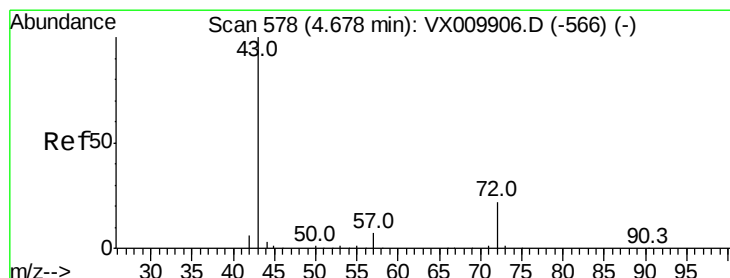
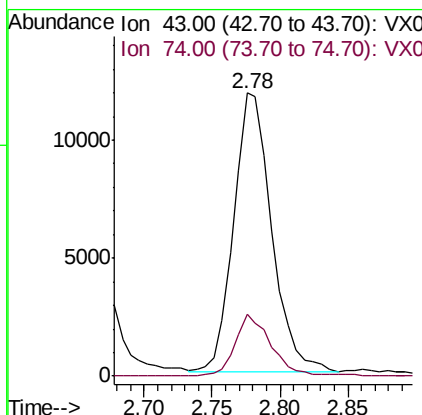
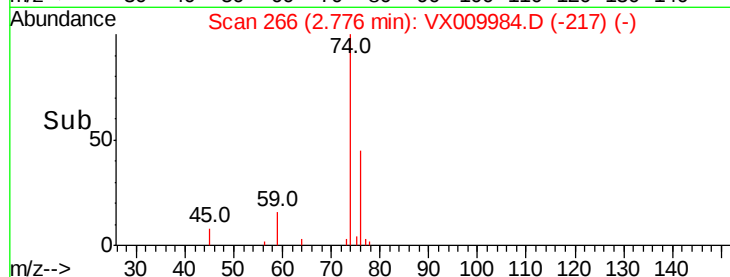
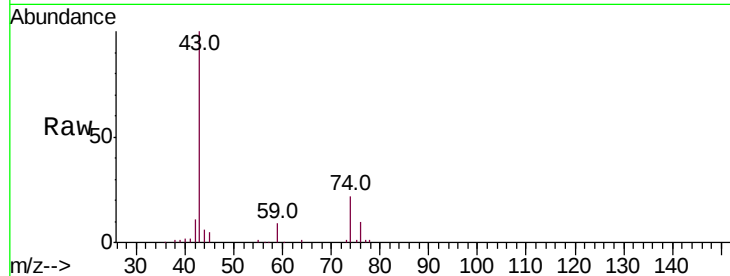




#18
Methvl Acetate
Concen: 7.255 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009984.D
Acq: 31 May 2019 14:50

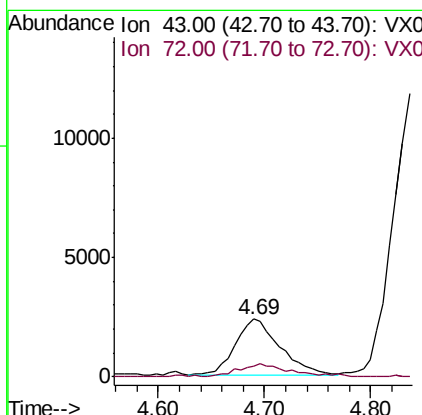
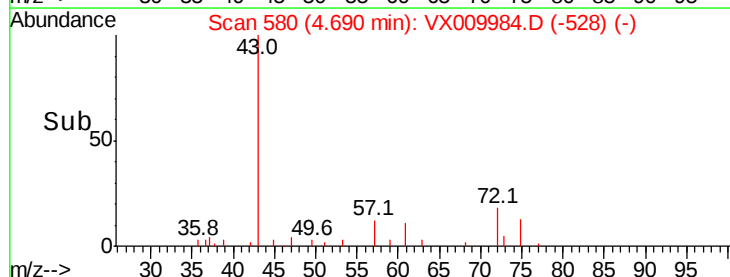
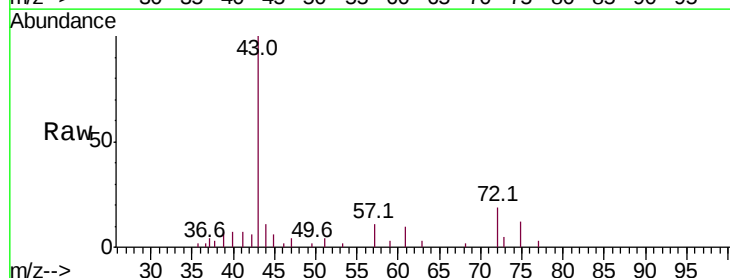
Instrument :
MSVOA_X
ClientSampled :
COMP-IDL

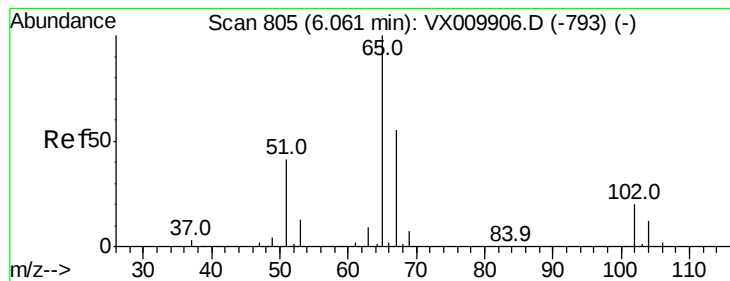
Tot Ion: 43 Resp: 23105
Ion Ratio Lower Upper
43 100
74 20.5 16.2 24.4



#25
2-Butanone
Concen: 3.193 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009984.D
Acq: 31 May 2019 14:50

Tgt Ion: 43 Resp: 6808
Ion Ratio Lower Upper
43 100
72 20.1 18.2 27.2





#33

1,2-Dichloroethane-d4

Concen: 48.270 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009984.D

Acq: 31 May 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

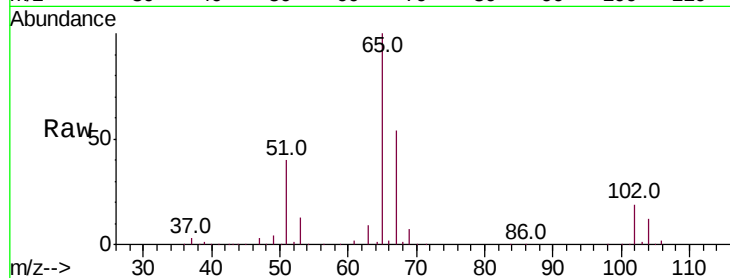
COMP-IDL

Tot Ion: 65 Resp: 114343

Ion Ratio Lower Upper

65 100

67 54.2 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

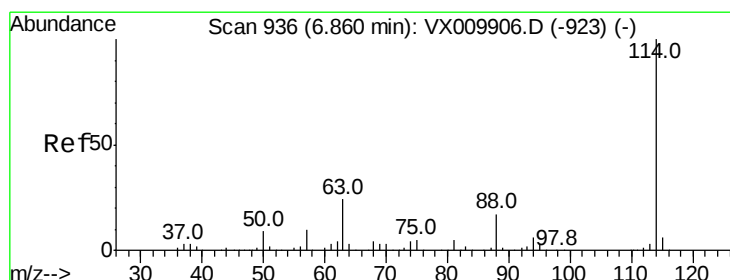
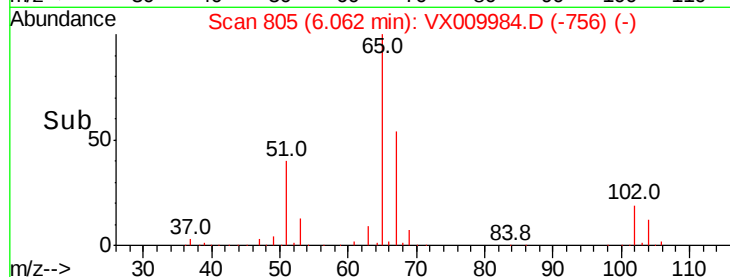
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009984.D

Acq: 31 May 2019 14:50

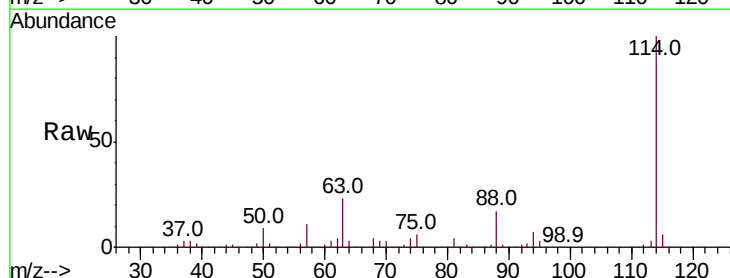
Tgt Ion:114 Resp: 270237

Ion Ratio Lower Upper

114 100

63 23.4 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

6.85

150000

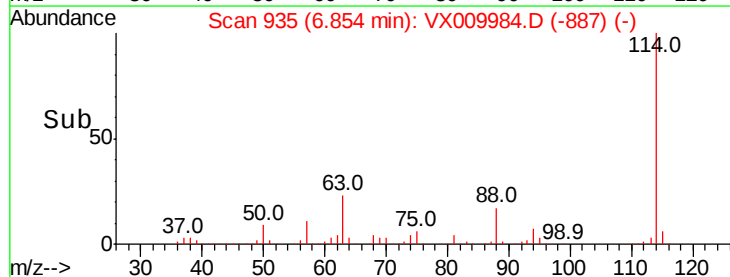
100000

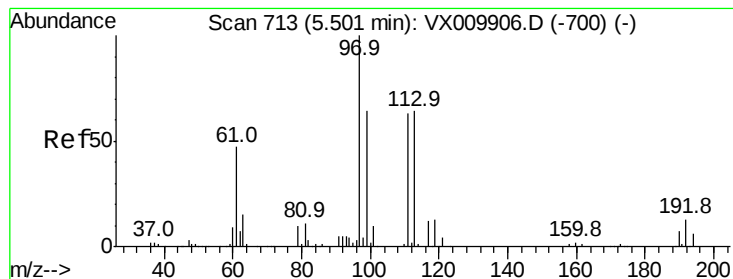
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.821 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009984.D

Acq: 31 May 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

COMP-IDL

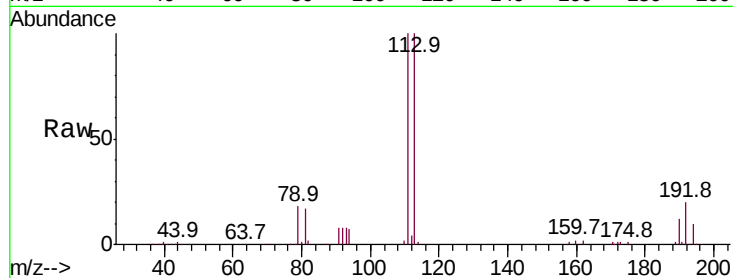
Tot Ion:113 Resp: 82947

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

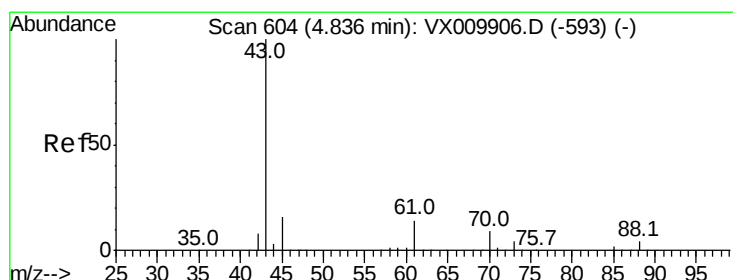
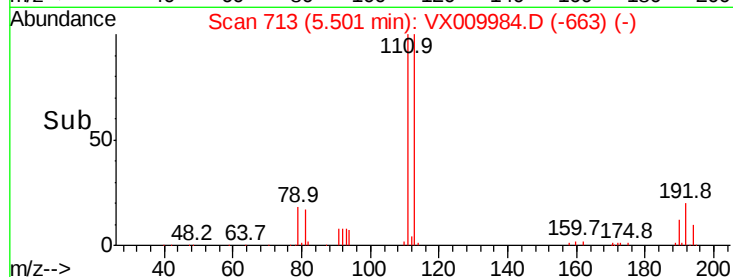
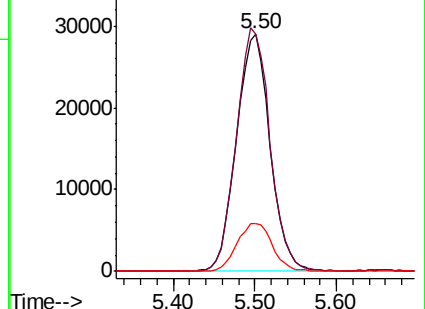
192 21.3 17.0 25.6



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



#37

Ethyl Acetate

Concen: 8.994 ug/l

RT: 4.84 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX009984.D

Acq: 31 May 2019 14:50

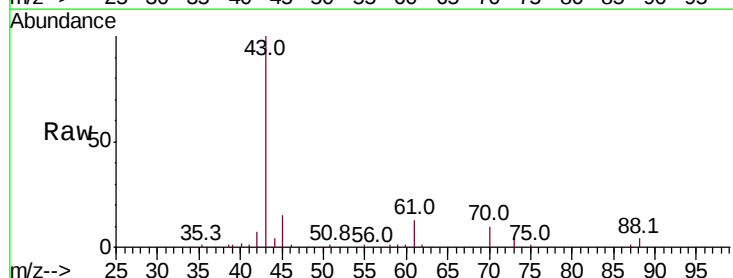
Tgt Ion: 43 Resp: 34361

Ion Ratio Lower Upper

43 100

61 12.5 10.5 15.7

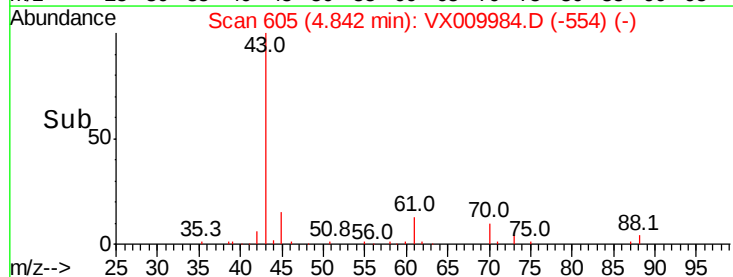
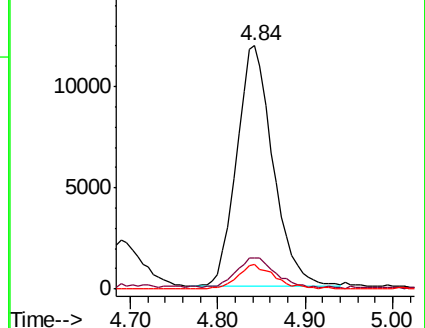
70 10.3 7.9 11.9

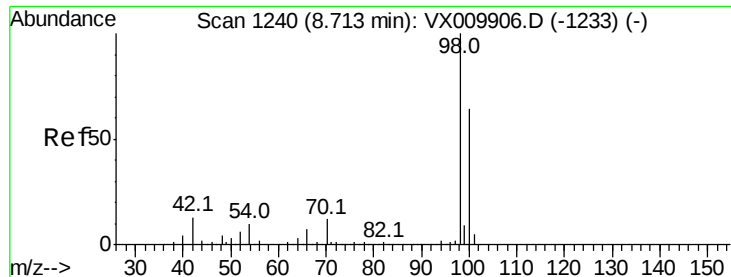


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

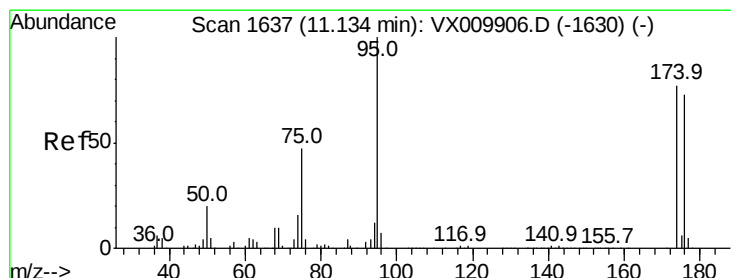
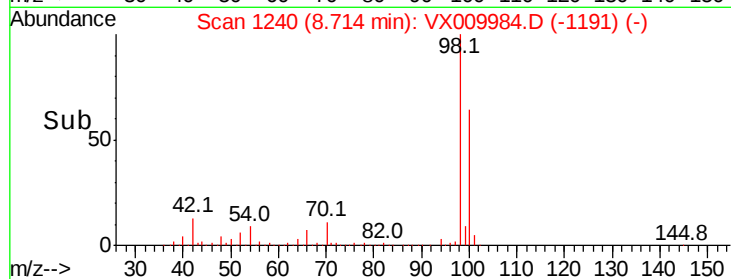
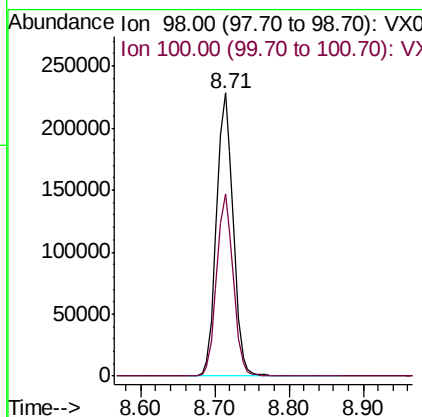
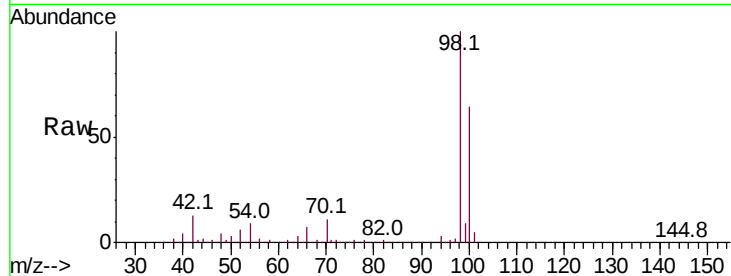




#50
Toluene-d8
Concen: 50.956 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009984.D
Acq: 31 May 2019 14:50

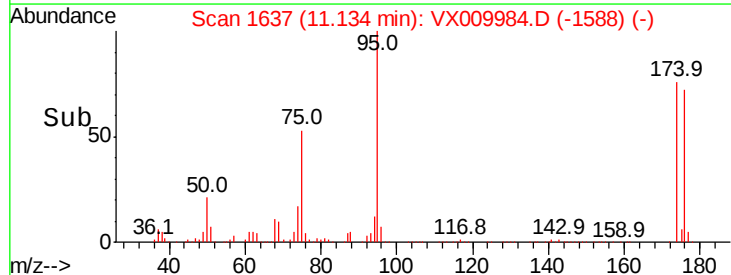
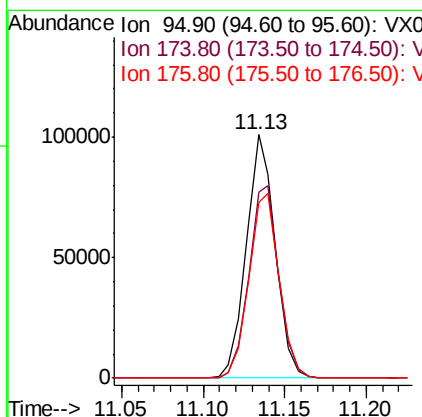
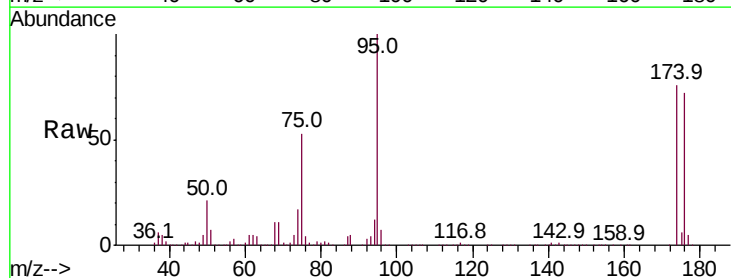
Instrument :
MSVOA_X
ClientSampleId :
COMP-IDL

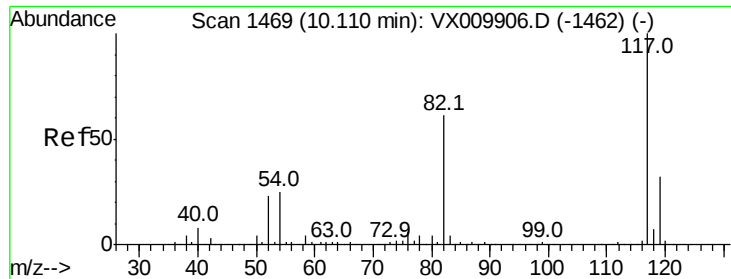
Tot Ion: 98 Resp: 351559
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 50.299 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009984.D
Acq: 31 May 2019 14:50

Tgt Ion: 95 Resp: 124644
Ion Ratio Lower Upper
95 100
174 82.3 0.0 161.6
176 79.5 0.0 159.2

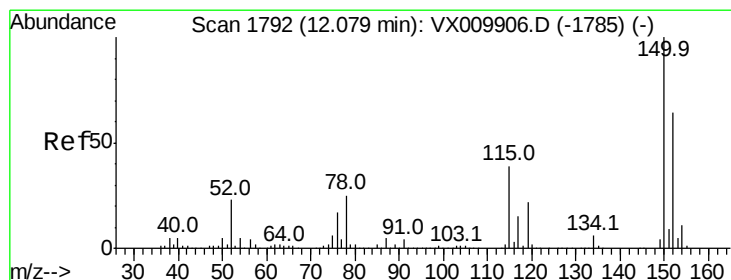
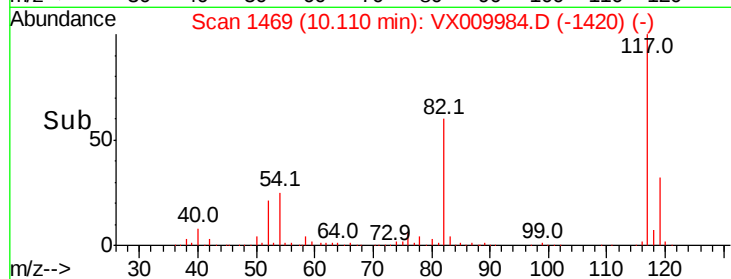
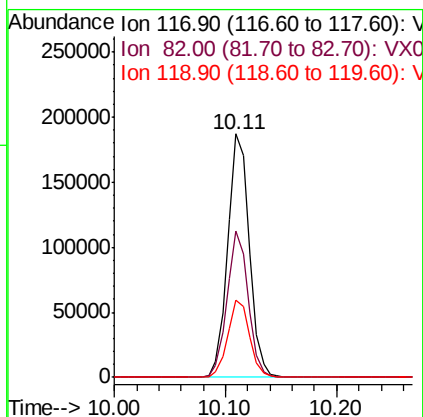
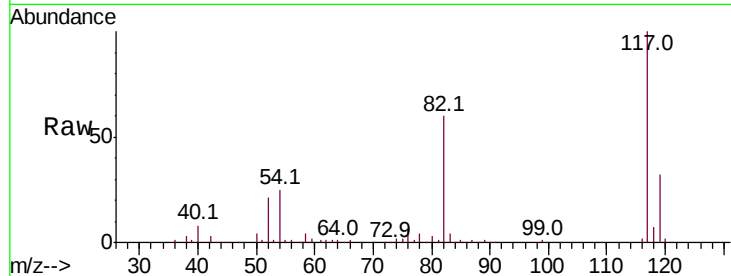




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009984.D
Acq: 31 May 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
COMP-1DL

Tot Ion:117 Resp: 250767
Ion Ratio Lower Upper
117 100
82 60.1 48.8 73.2
119 31.7 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: VX009984.D
Acq: 31 May 2019 14:50

Tgt Ion:152 Resp: 118504
Ion Ratio Lower Upper
152 100
115 59.4 41.2 123.6
150 158.4 0.0 346.4

