

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX009985.D
 Acq On : 31 May 2019 15:13
 Operator : JC/SP
 Sample : K2964-02DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2DL

Quant Time: May 31 15:43:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

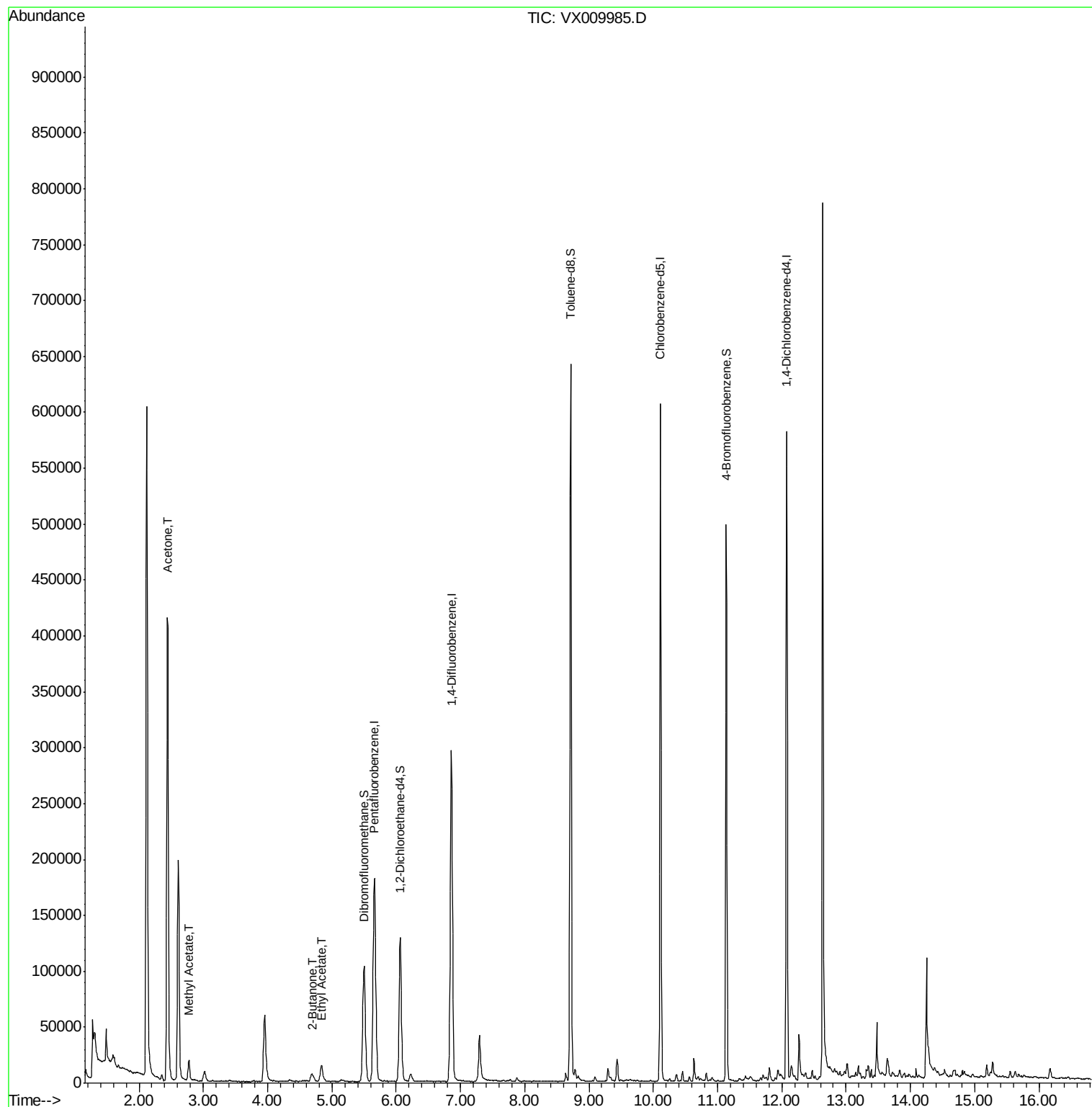
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122945	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
35) Dibromofluoromethane	5.50	113	88551	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	369281	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.13	95	127507	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
16) Acetone	2.44	43	462237	314.651	ug/l	100
18) Methyl Acetate	2.78	43	22958	6.716	ug/l	99
25) 2-Butanone	4.68	43	8269	3.613	ug/l	95
37) Ethyl Acetate	4.84	43	27788	6.801	ug/l	99

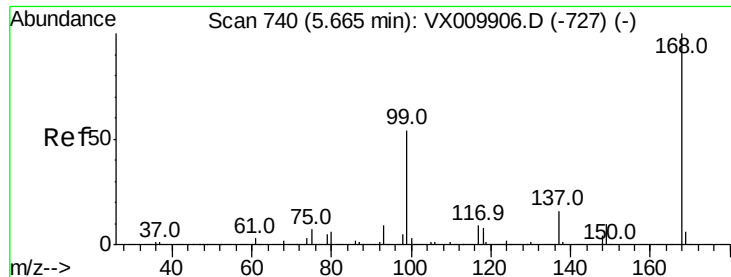
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009985.D

Acq: 31 May 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

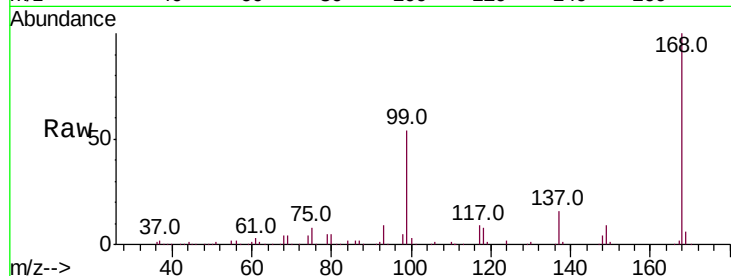
COMP-2DL

Tot Ion:168 Resp: 179995

Ion Ratio Lower Upper

168 100

99 54.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX009906.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX009906.D (-727) (-)

5.67

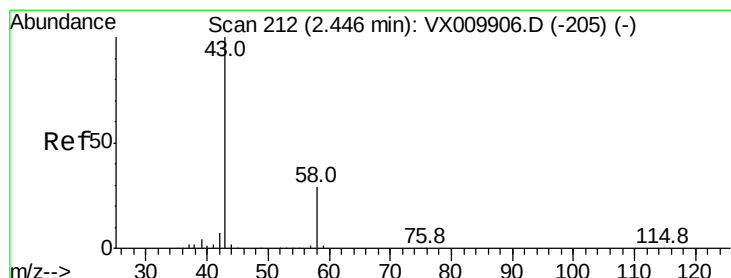
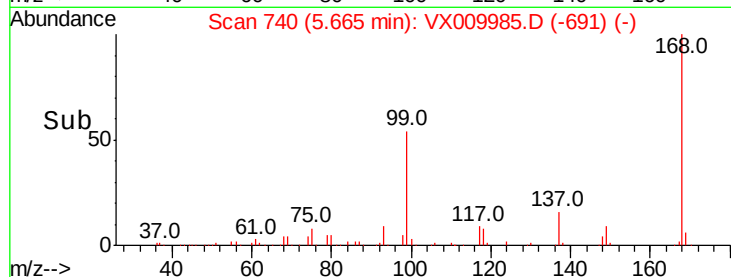
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 314.651 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009985.D

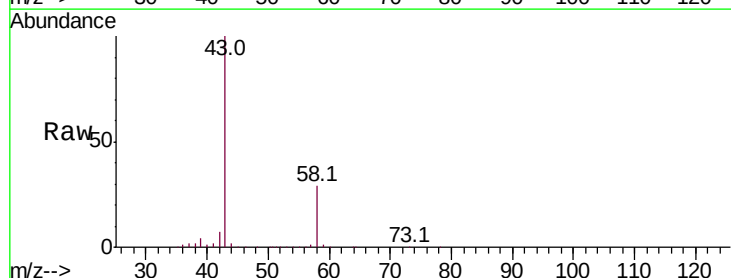
Acq: 31 May 2019 15:13

Tgt Ion: 43 Resp: 462237

Ion Ratio Lower Upper

43 100

58 29.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX009906.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX009906.D (-205) (-)

2.44

300000

250000

200000

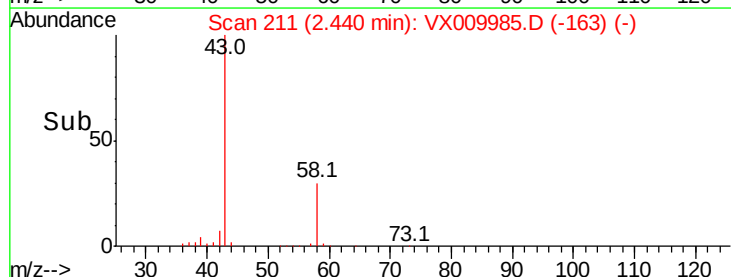
150000

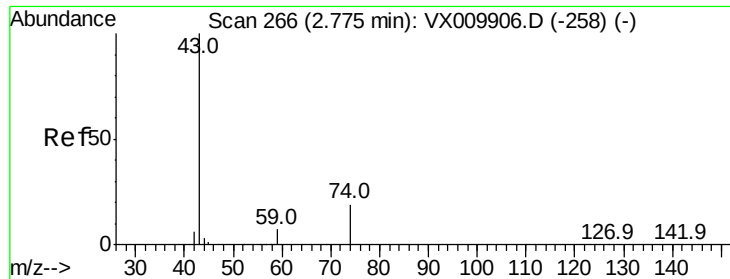
100000

50000

0

Time-->

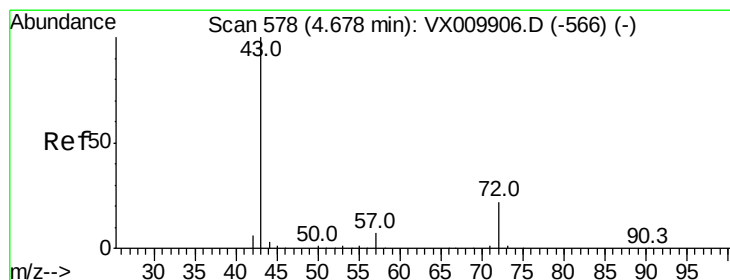
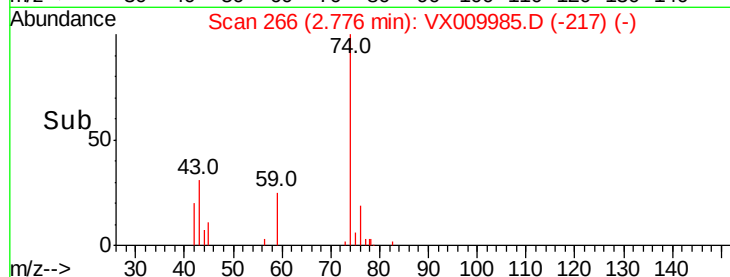
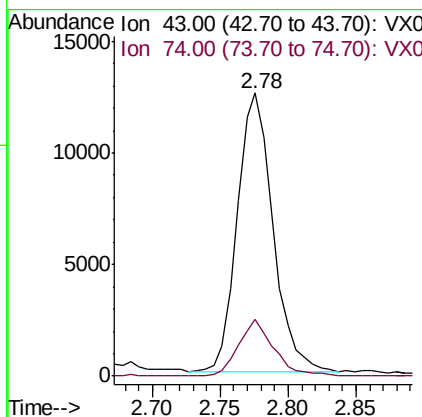
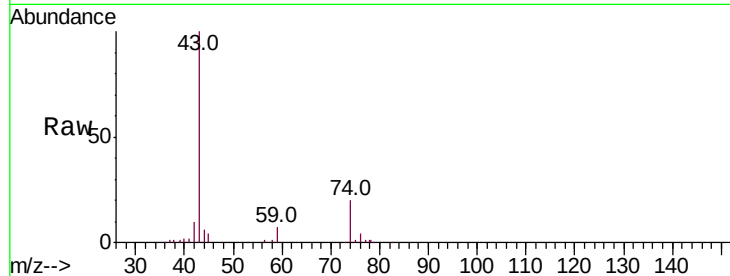




#18
Methvl Acetate
Concen: 6.716 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

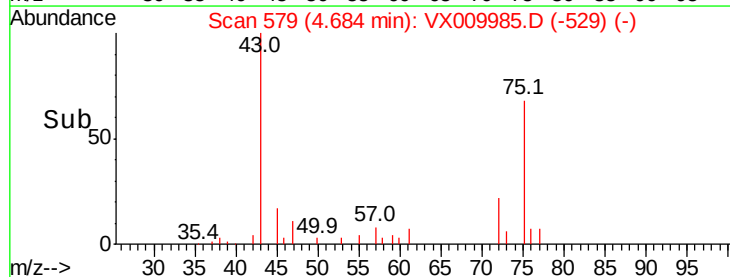
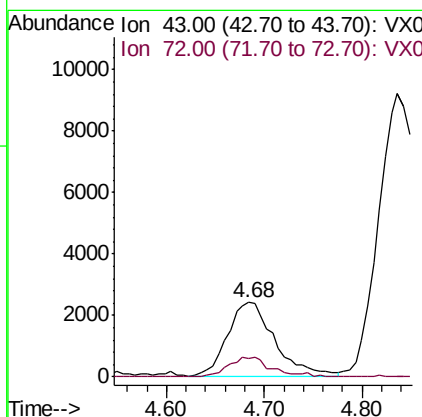
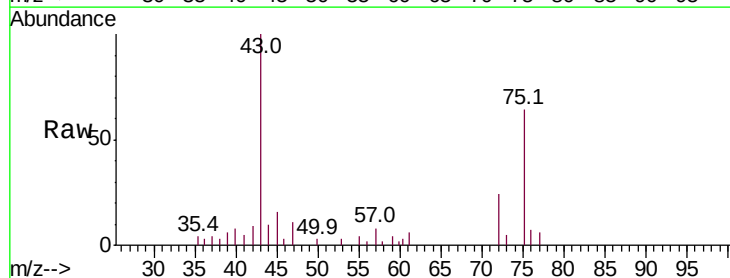
Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

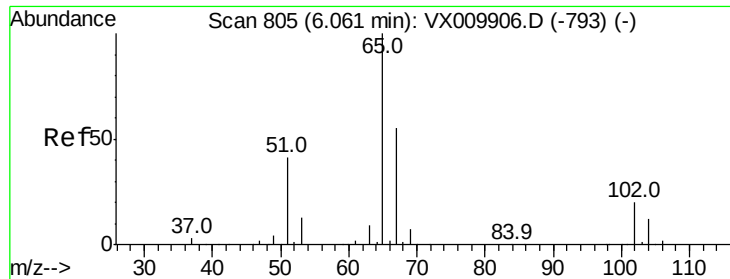
Tot Ion: 43 Resp: 22958
Ion Ratio Lower Upper
43 100
74 19.9 15.8 23.6



#25
2-Butanone
Concen: 3.613 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 43 Resp: 8269
Ion Ratio Lower Upper
43 100
72 24.2 17.5 26.3

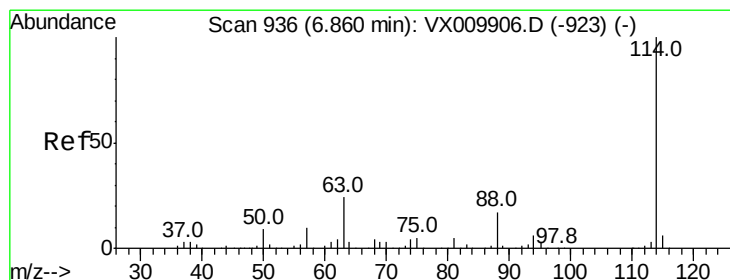
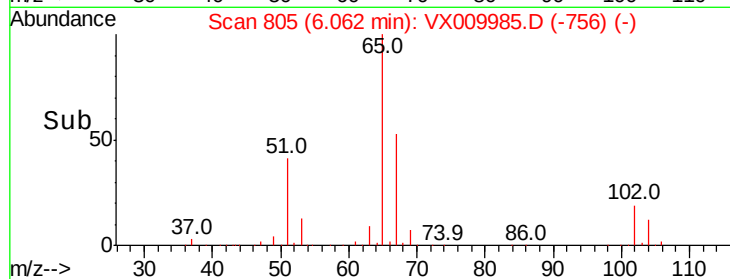
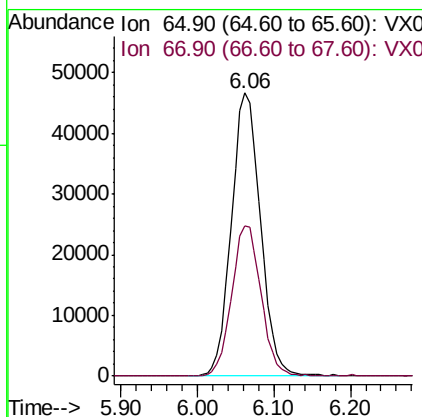
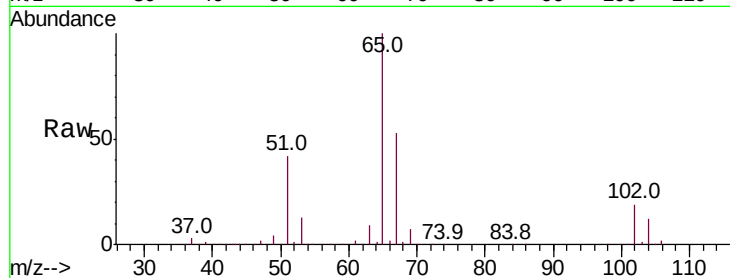




#33
 1,2-Dichloroethane-d4
 Concen: 48.354 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009985.D
 Acq: 31 May 2019 15:13

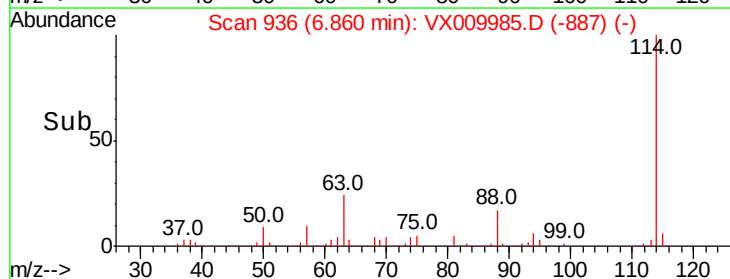
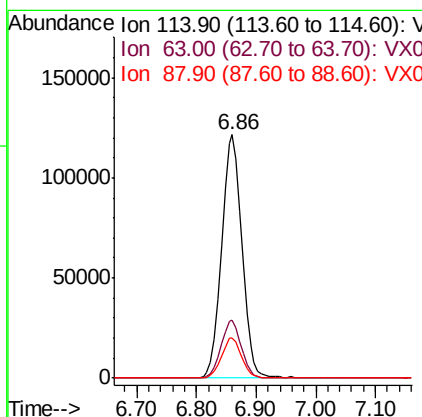
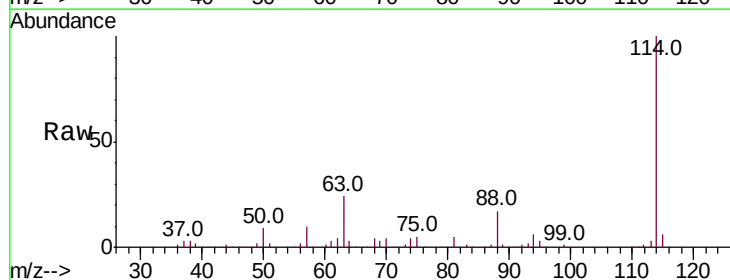
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-2DL

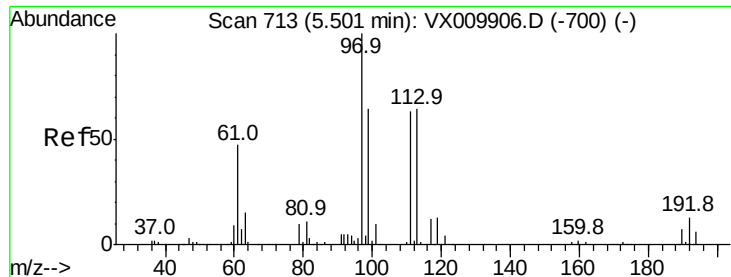
Tot Ion: 65 Resp: 122945
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009985.D
 Acq: 31 May 2019 15:13

Tgt Ion:114 Resp: 289022
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 47.4
 88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.732 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009985.D

Acq: 31 May 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

COMP-2DL

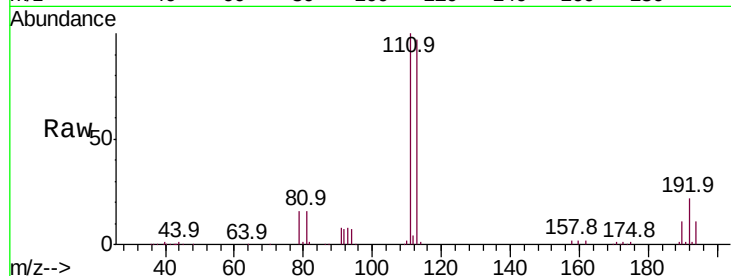
Tot Ion:113 Resp: 88551

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

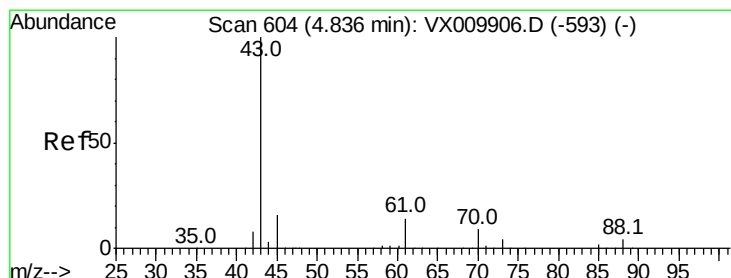
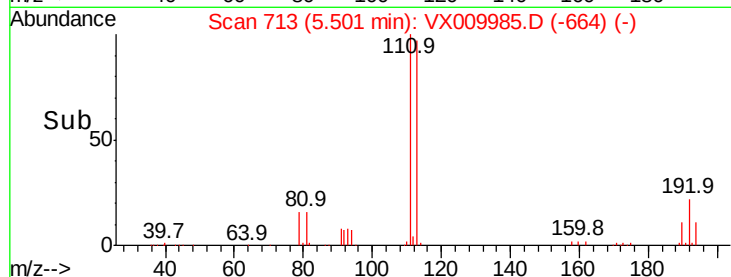
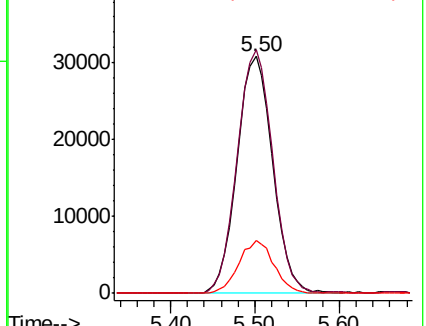
192 21.8 17.1 25.7



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: 6.801 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX009985.D

Acq: 31 May 2019 15:13

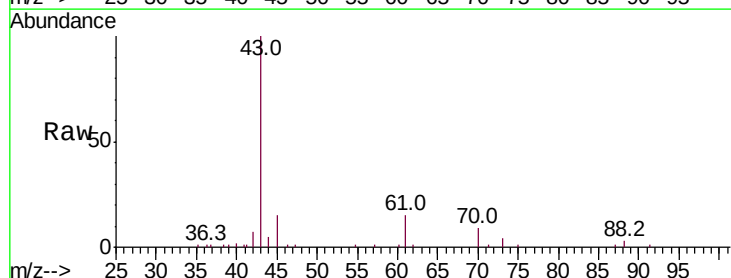
Tgt Ion: 43 Resp: 27788

Ion Ratio Lower Upper

43 100

61 13.1 10.2 15.2

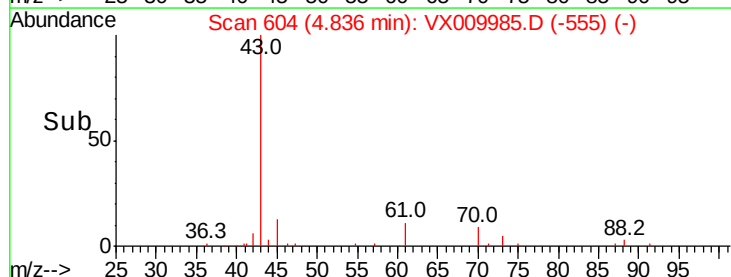
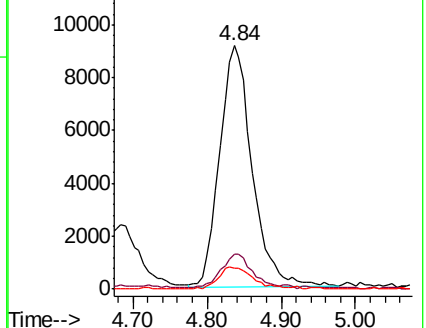
70 9.8 7.4 11.2

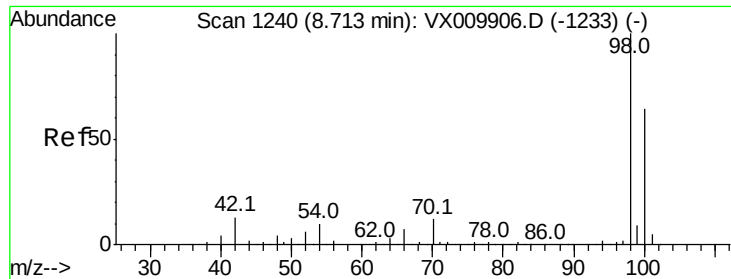


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#50

Toluene-d8

Concen: 50.046 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009985.D

Acq: 31 May 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

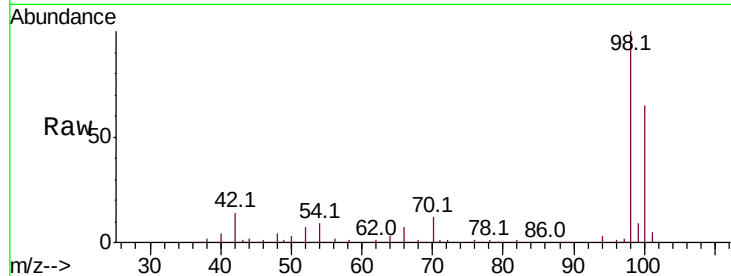
COMP-2DL

Tot Ion: 98 Resp: 369281

Ion Ratio Lower Upper

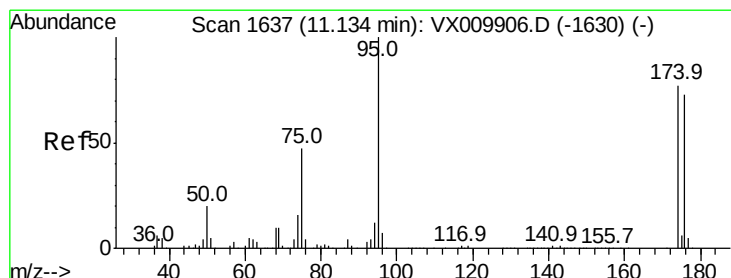
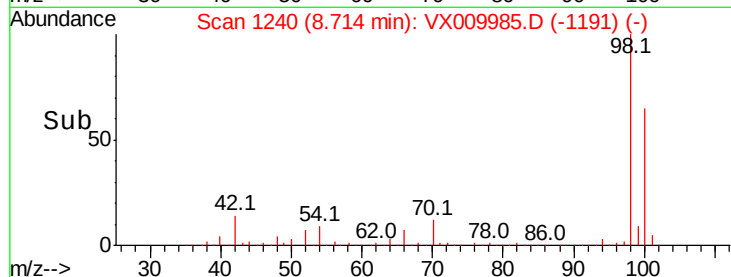
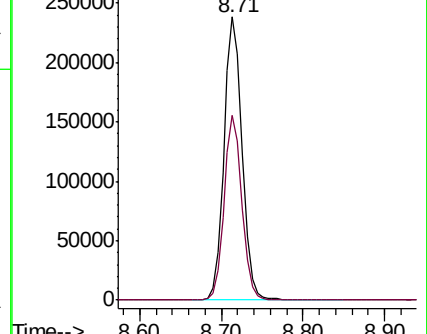
98 100

100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.110 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009985.D

Acq: 31 May 2019 15:13

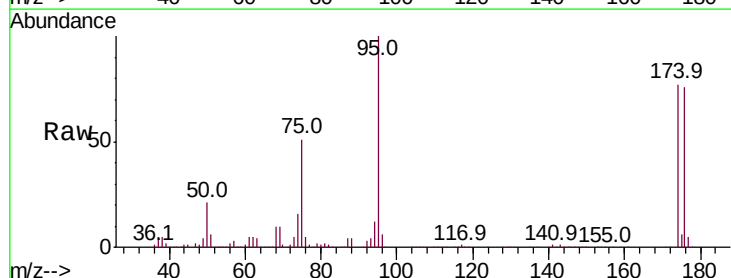
Tgt Ion: 95 Resp: 127507

Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.4

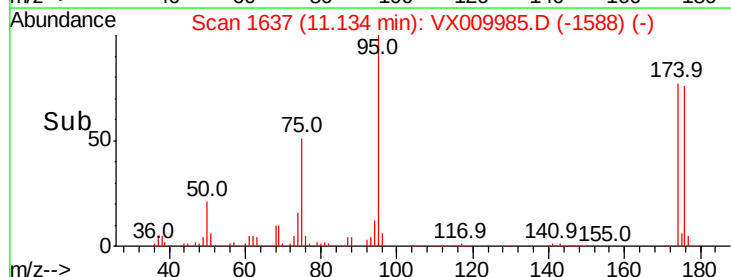
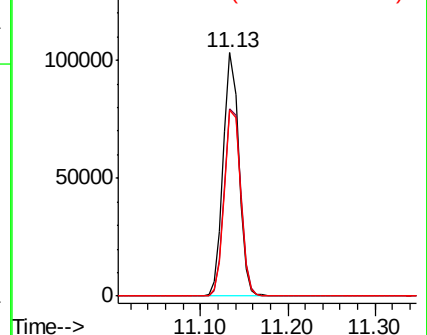
176 79.1 0.0 154.6

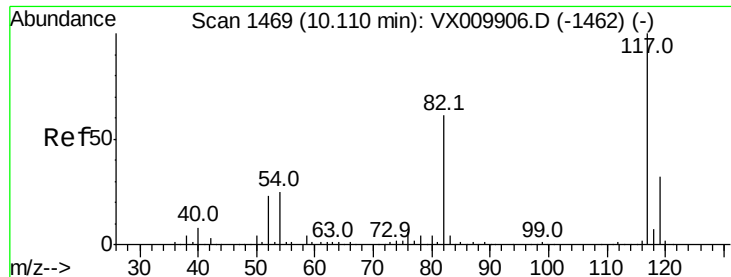


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

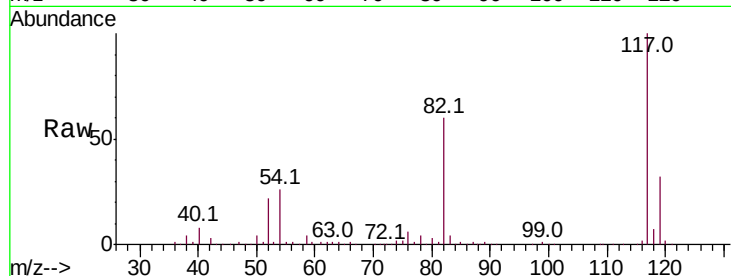




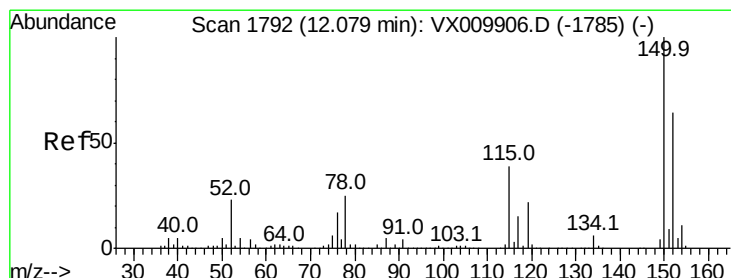
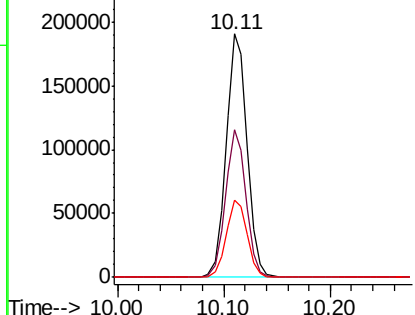
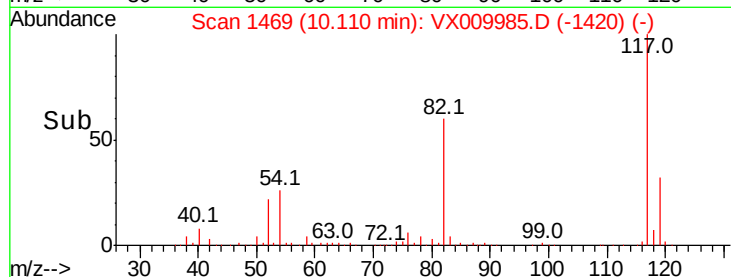
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tot Ion:117 Resp: 260976
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 31.8 25.2 37.8

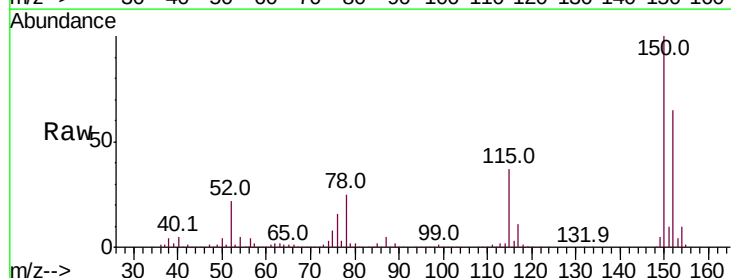


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion:152 Resp: 117434
Ion Ratio Lower Upper
152 100
115 58.9 41.4 124.2
150 154.1 0.0 345.2



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

