

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011126.D
 Acq On : 27 Jul 2019 06:13
 Operator : JC/SP
 Sample : K3620-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-072519-E

Quant Time: Jul 29 01:59:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

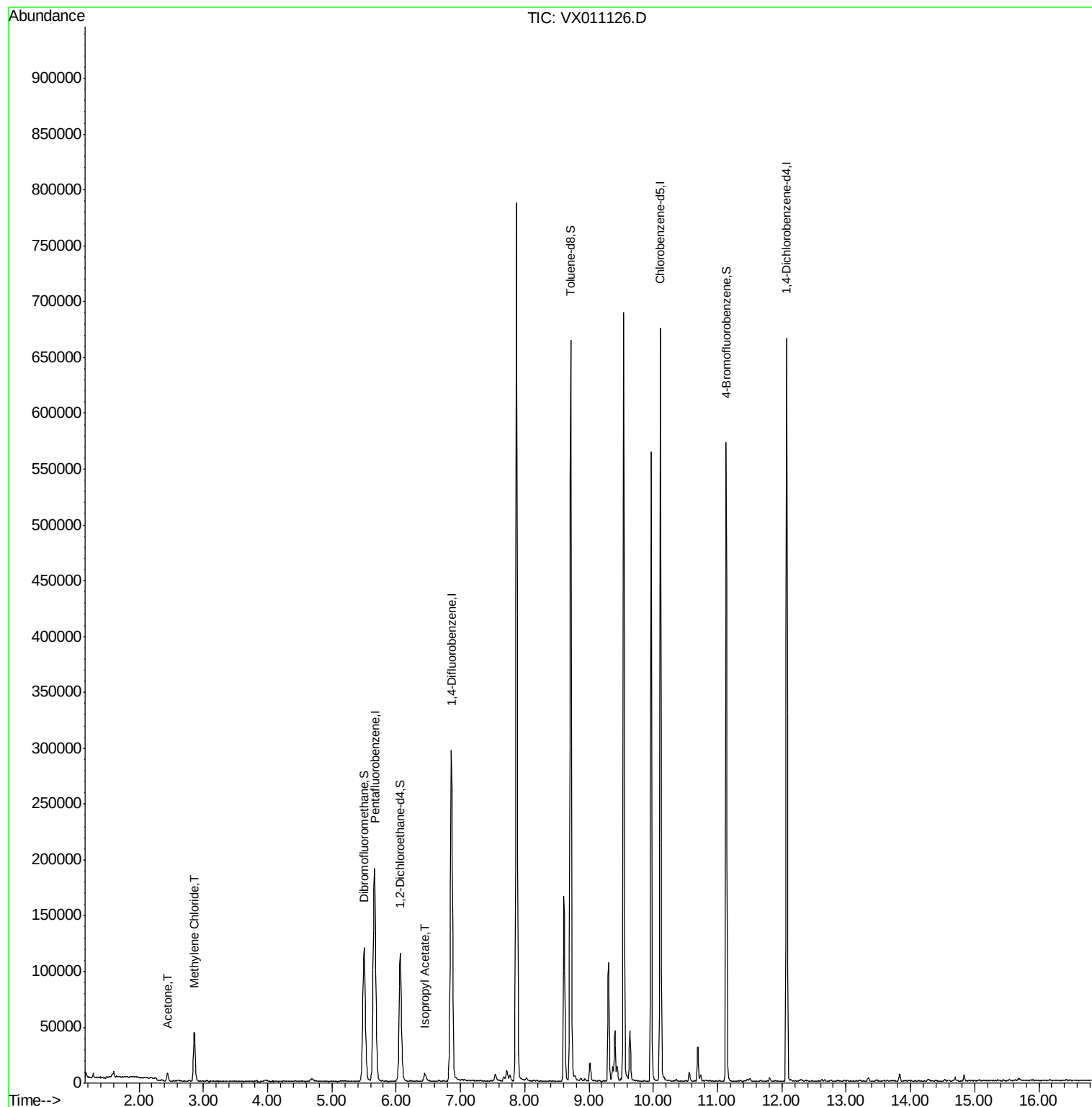
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106658	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
35) Dibromofluoromethane	5.50	113	98731	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	8.71	98	392705	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.13	95	137396	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
16) Acetone	2.44	43	7352	7.883	ug/l	92
20) Methylene Chloride	2.85	84	21734	10.997	ug/l	97
43) Isopropyl Acetate	6.45	43	10768	2.477	ug/l	98

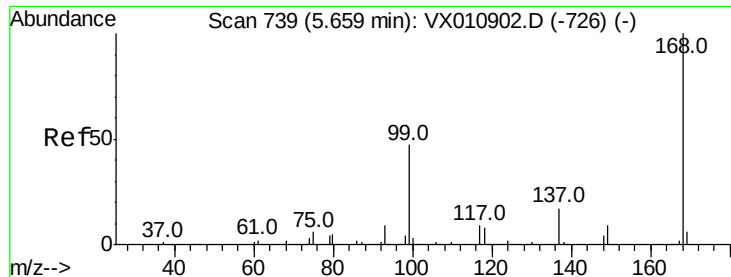
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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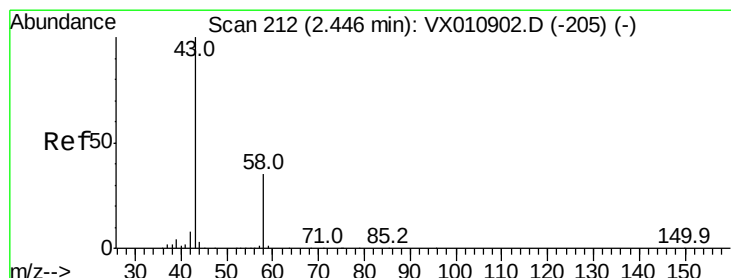
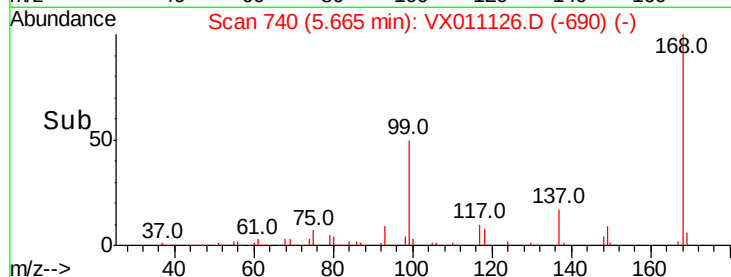
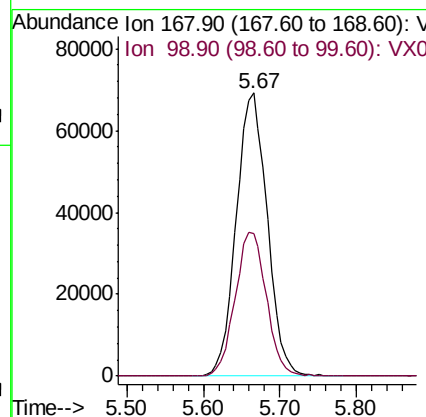
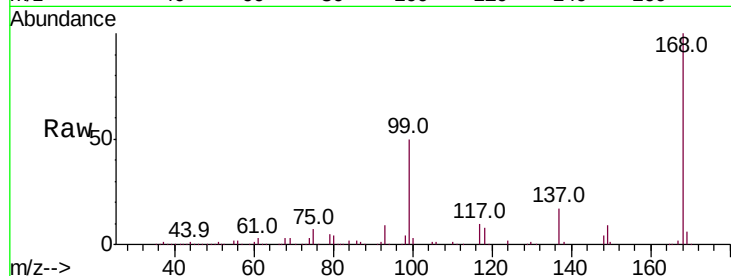




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011126.D
Acq: 27 Jul 2019 06:13

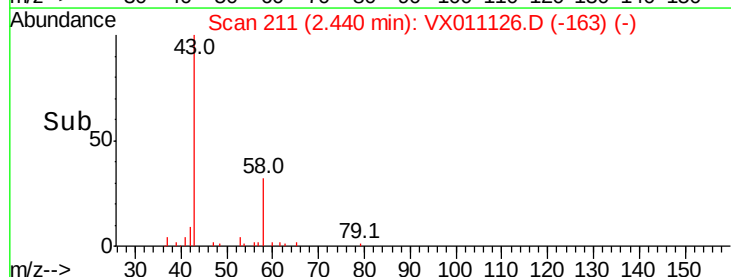
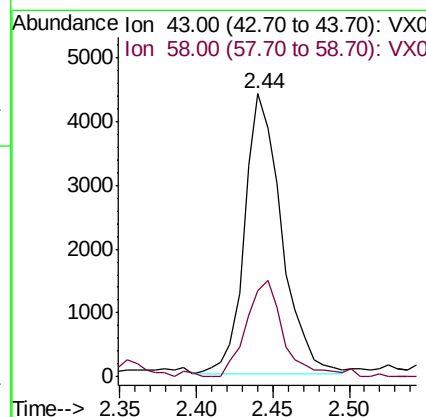
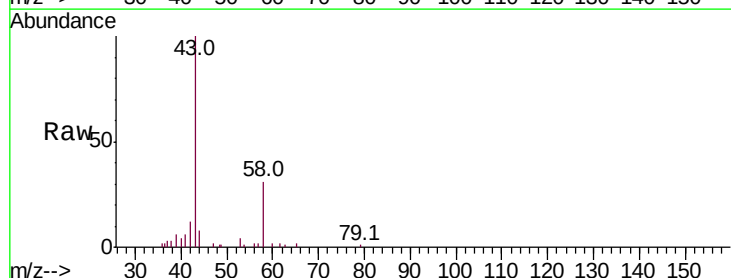
Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-E

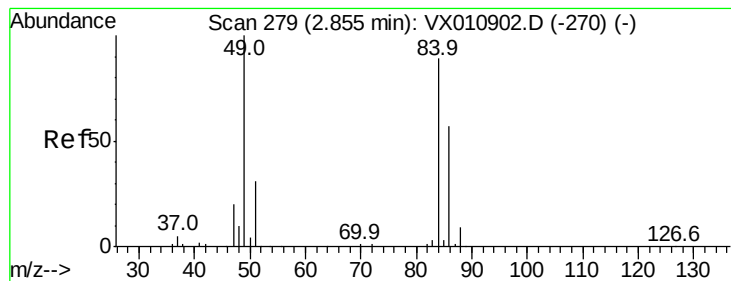
Tot Ion:168 Resp: 194096
Ion Ratio Lower Upper
168 100
99 50.3 37.6 56.4



#16
Acetone
Concen: 7.883 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011126.D
Acq: 27 Jul 2019 06:13

Tgt Ion: 43 Resp: 7352
Ion Ratio Lower Upper
43 100
58 29.7 27.7 41.5





#20

Methylene Chloride

Concen: 10.997 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX011126.D

Acq: 27 Jul 2019 06:13

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-E

Tot Ion: 84 Resp: 21734

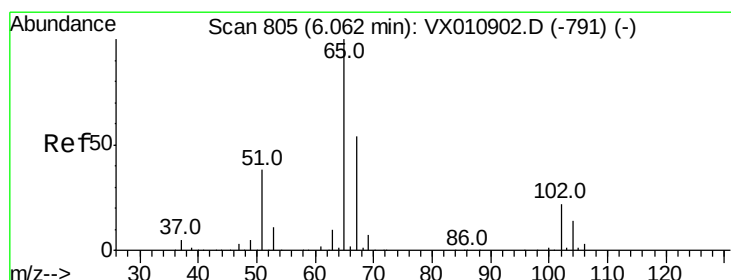
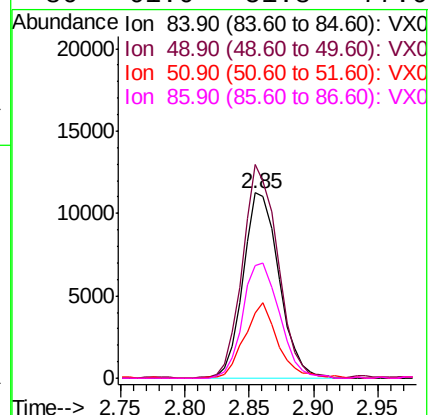
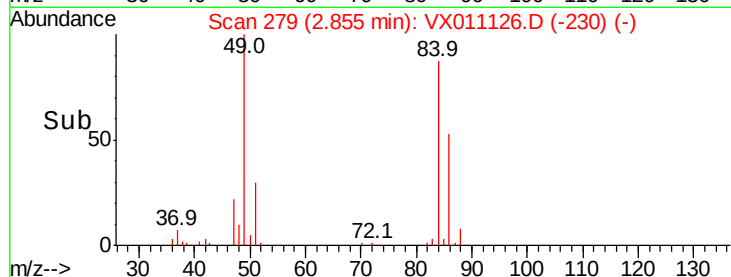
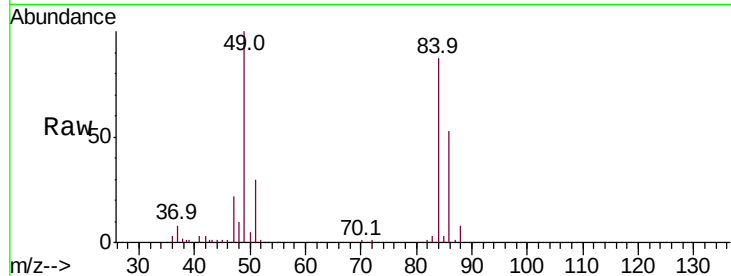
Ion	Ratio	Lower	Upper
84	100		
49	115.4	89.9	134.9
51	35.0	27.8	41.6
86	61.0	51.8	77.6

84 100

49 115.4 89.9 134.9

51 35.0 27.8 41.6

86 61.0 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 51.653 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011126.D

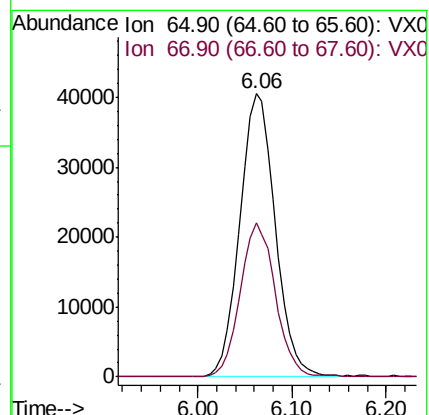
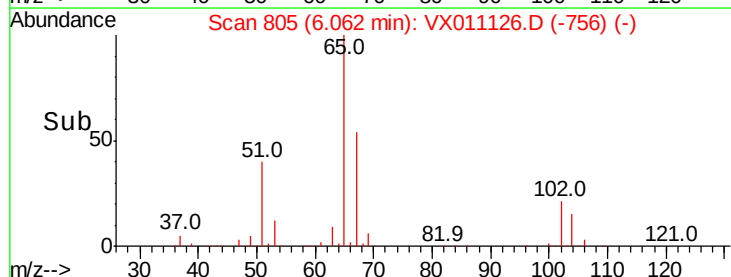
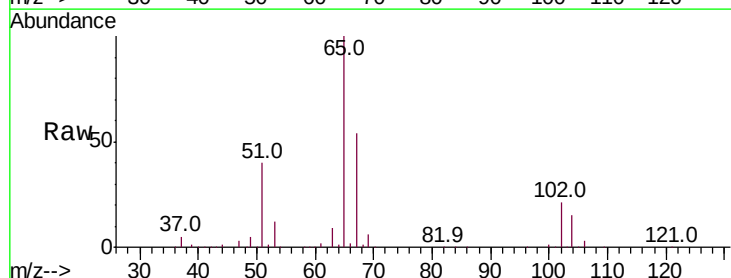
Acq: 27 Jul 2019 06:13

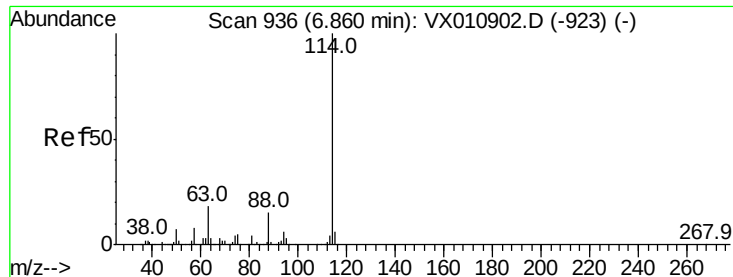
Tgt Ion: 65 Resp: 106658

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.8

65 100

67 54.0 0.0 107.8

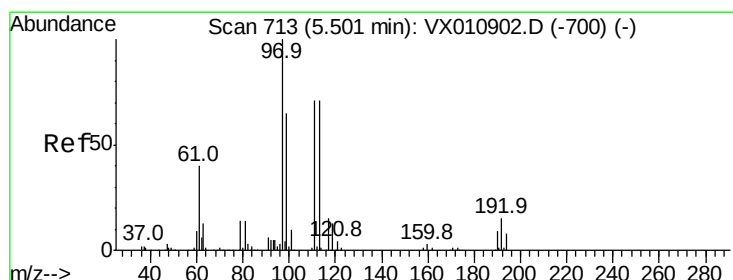
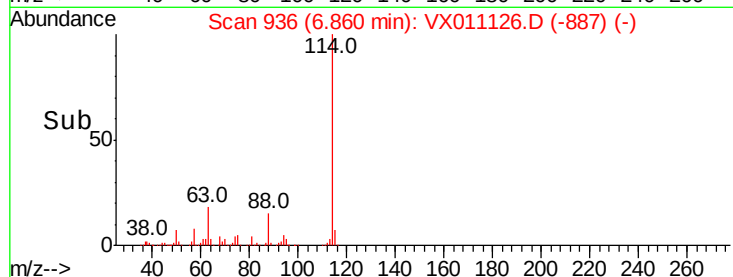
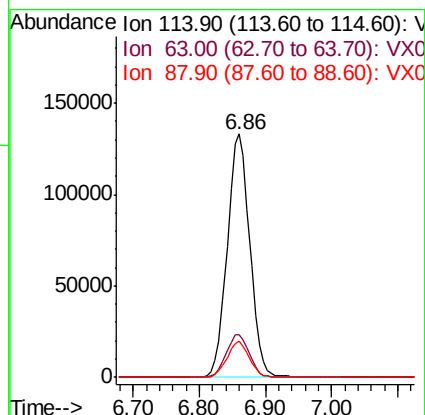
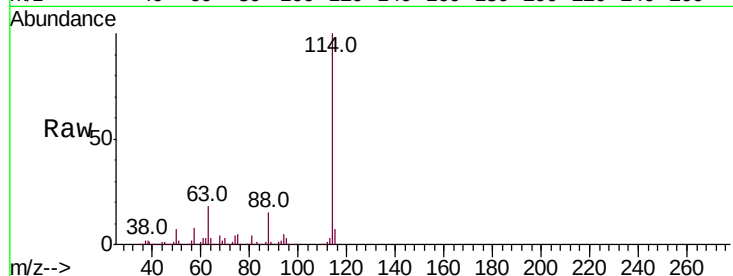




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011126.D
 Acq: 27 Jul 2019 06:13

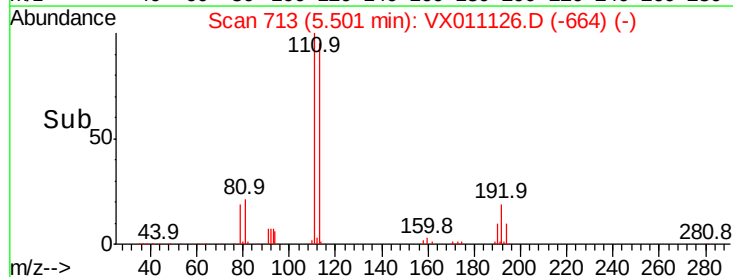
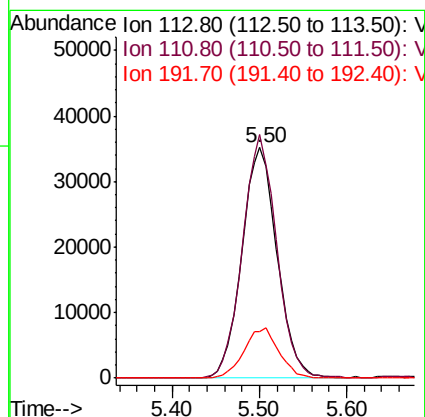
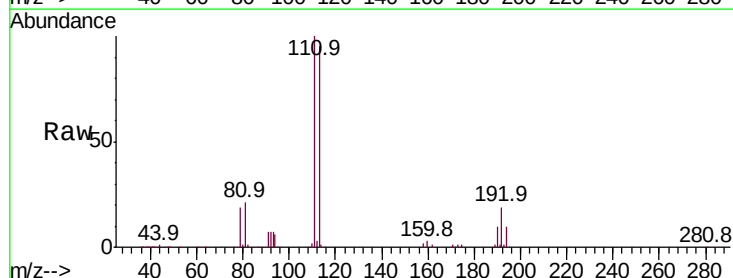
Instrument :
 MSVOA_X
 ClientSampled :
 CL-02-072519-E

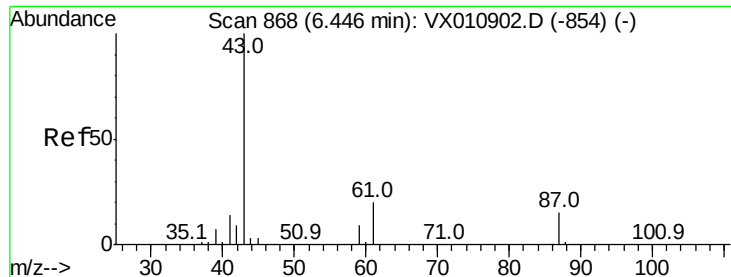
Tot Ion:114 Resp: 314312
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.6
 88 14.8 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 49.489 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX011126.D
 Acq: 27 Jul 2019 06:13

Tgt Ion:113 Resp: 98731
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.3 123.5
 192 21.4 17.4 26.2





#43

Isopropyl Acetate

Concen: 2.477 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011126.D

Acq: 27 Jul 2019 06:13

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-E

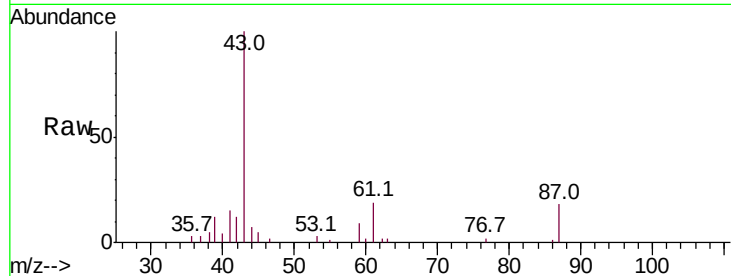
Tot Ion: 43 Resp: 10768

Ion Ratio Lower Upper

43 100

61 21.5 17.1 25.7

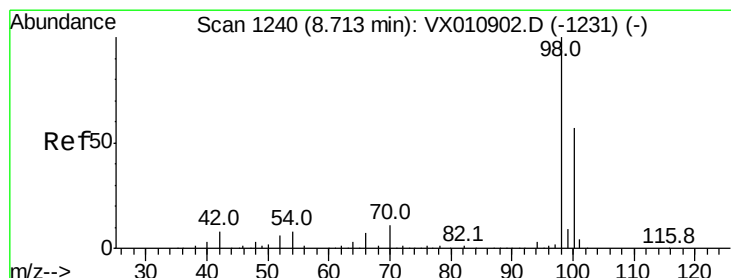
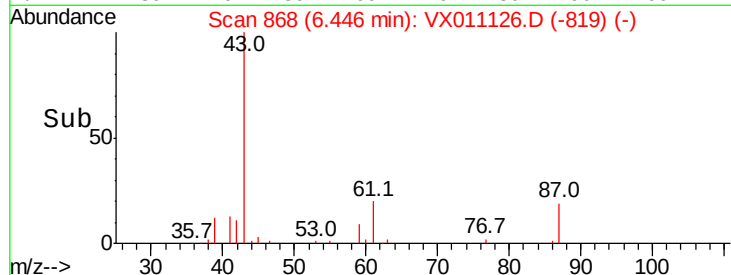
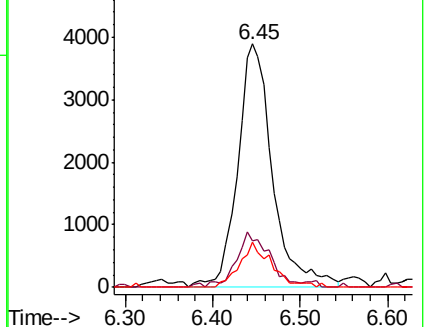
87 17.2 12.0 18.0



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: 52.483 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011126.D

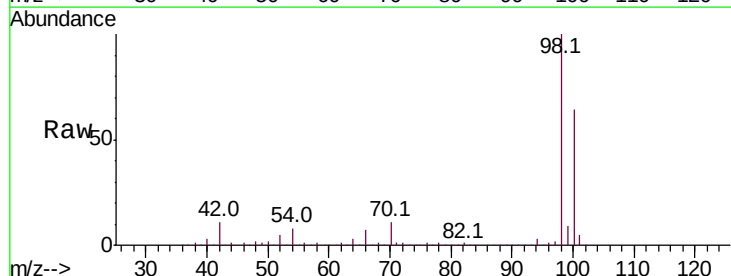
Acq: 27 Jul 2019 06:13

Tgt Ion: 98 Resp: 392705

Ion Ratio Lower Upper

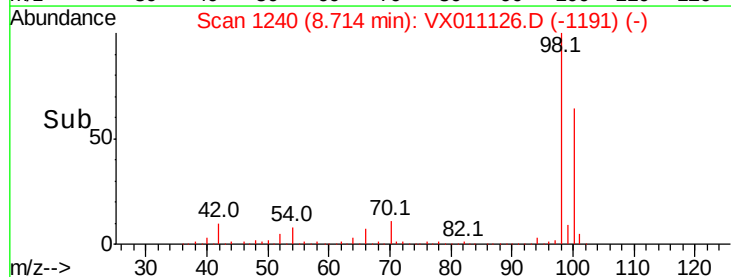
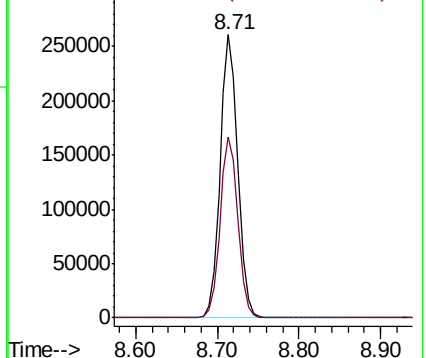
98 100

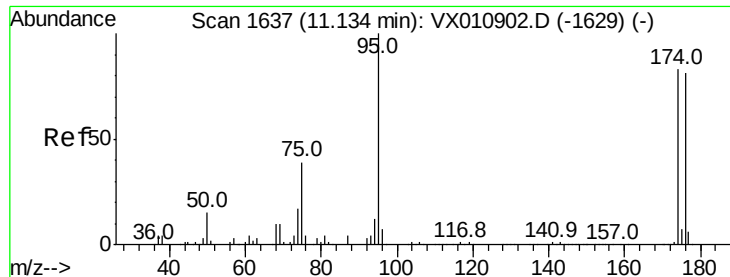
100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.956 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011126.D

Acq: 27 Jul 2019 06:13

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-E

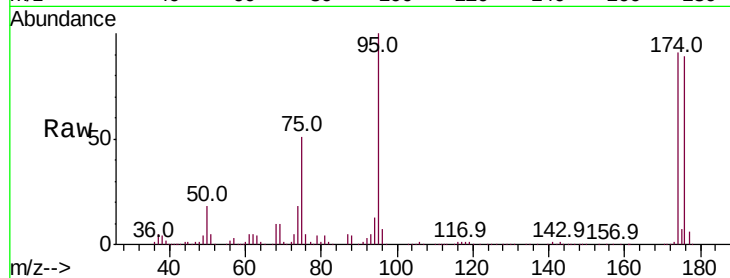
Tot Ion: 95 Resp: 137396

Ion Ratio Lower Upper

95 100

174 92.3 0.0 180.6

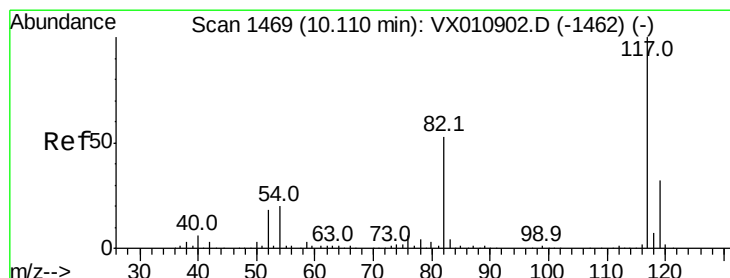
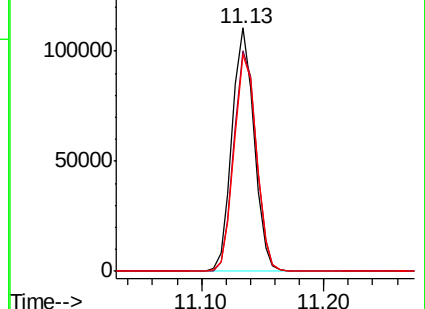
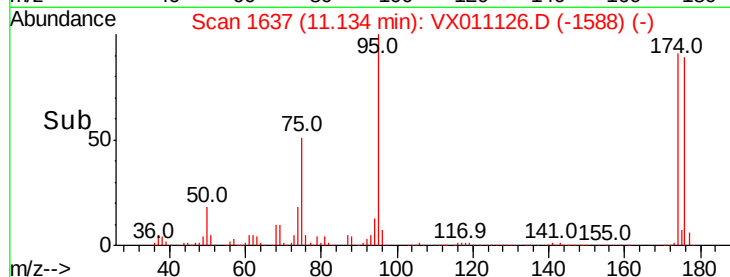
176 90.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011126.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011126.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011126.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011126.D

Acq: 27 Jul 2019 06:13

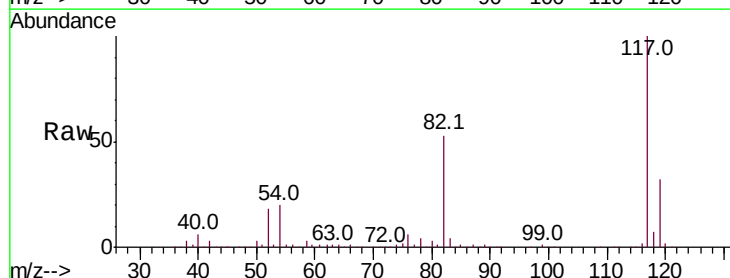
Tgt Ion: 117 Resp: 308305

Ion Ratio Lower Upper

117 100

82 52.8 42.6 63.8

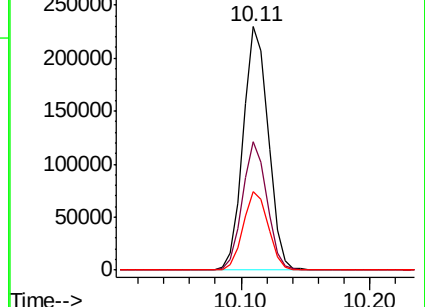
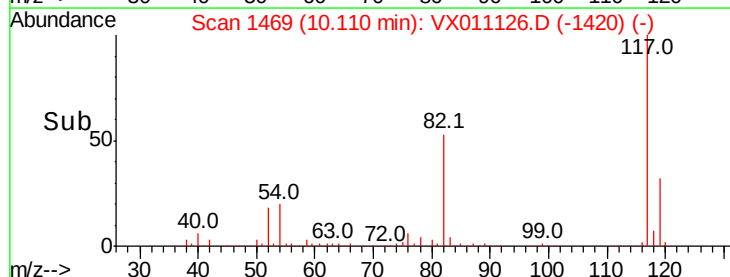
119 32.4 25.9 38.9

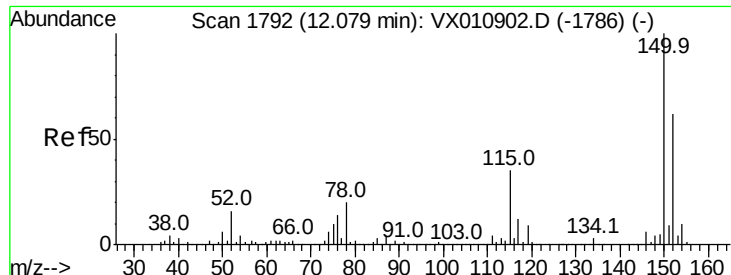


Abundance Ion 116.90 (116.60 to 117.60): VX011126.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011126.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011126.D (-1420) (-)

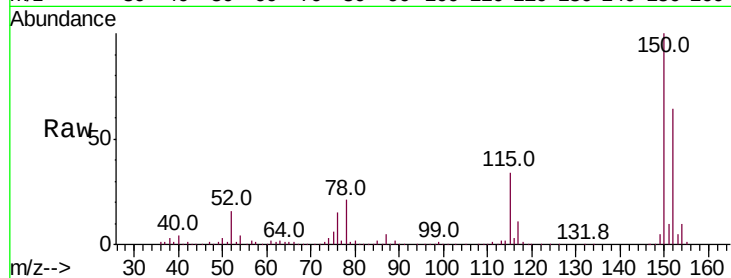




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011126.D
 Acq: 27 Jul 2019 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-072519-E

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.7	119.1
150	156.0	0.0	345.6



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

