

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011198.D
 Acq On : 30 Jul 2019 16:30
 Operator : JC/SP
 Sample : K4026-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-ER-2019-2

Quant Time: Jul 31 08:52:35 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	218946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125373	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	105534	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
35) Dibromofluoromethane	5.50	113	92290	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
50) Toluene-d8	8.71	98	357098	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.13	95	115680	42.87	ug/l	0.00
Spiked Amount			Recovery	=	85.74%	

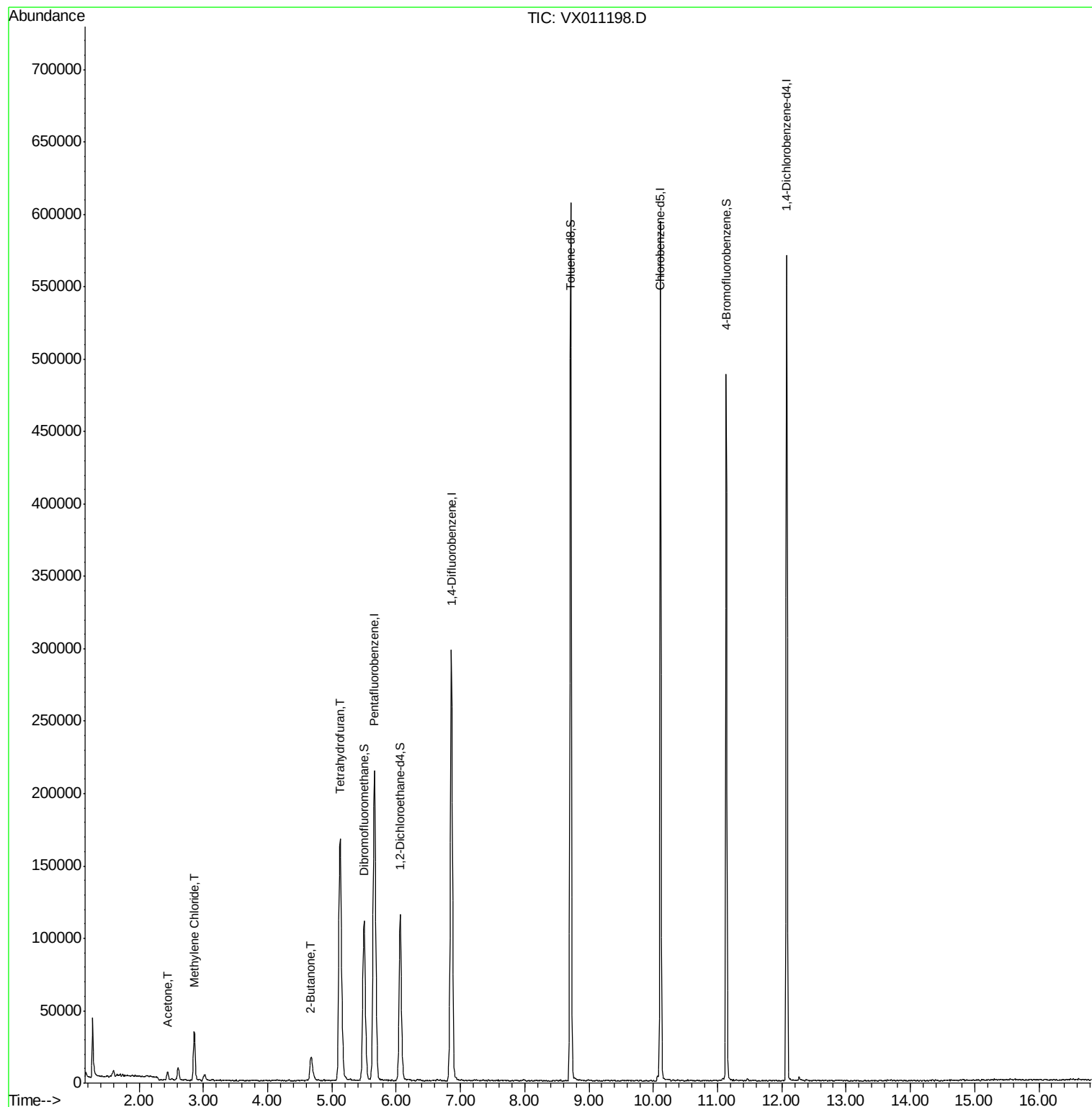
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	6294	5.983	ug/l	94
20) Methylene Chloride	2.86	84	16678	7.481	ug/l	97
25) 2-Butanone	4.67	43	27003	17.881	ug/l	96
29) Tetrahydrofuran	5.13	42	150968	157.820	ug/l	97

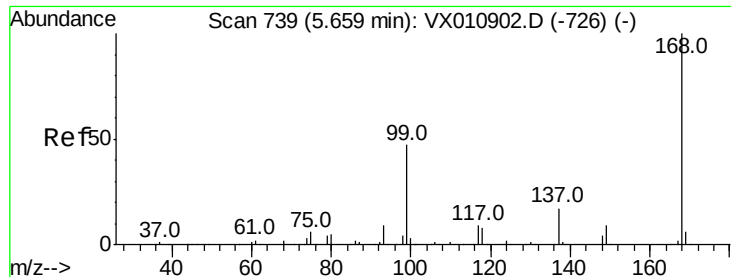
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073019\
Data File : VX011198.D
Acq On : 30 Jul 2019 16:30
Operator : JC/SP
Sample : K4026-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-ER-2019-2

Quant Time: Jul 31 08:52:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011198.D

Acq: 30 Jul 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

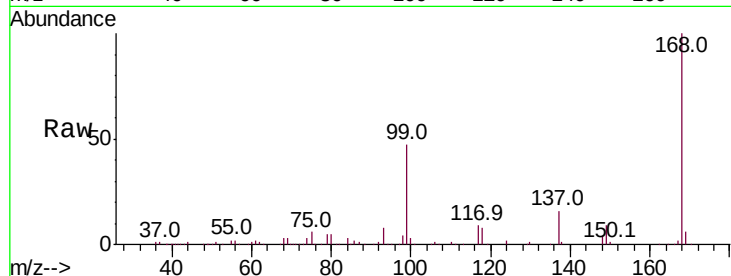
Z3-ER-2019-2

Tot Ion:168 Resp: 218946

Ion Ratio Lower Upper

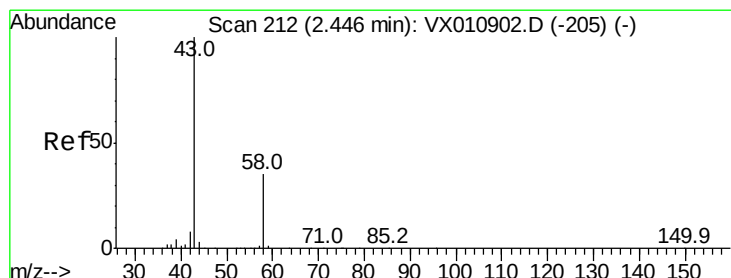
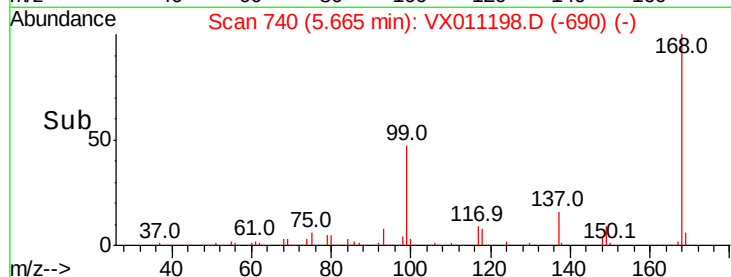
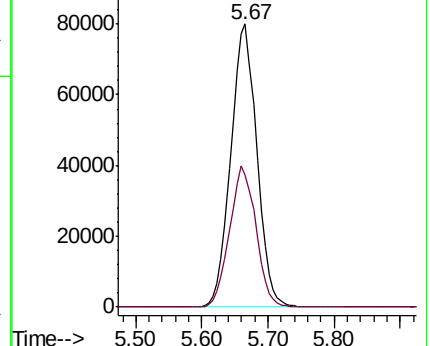
168 100

99 46.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.983 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011198.D

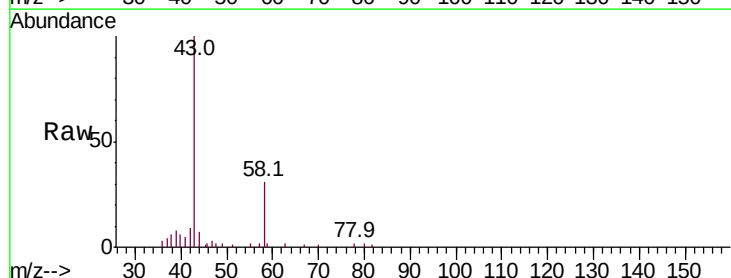
Acq: 30 Jul 2019 16:30

Tgt Ion: 43 Resp: 6294

Ion Ratio Lower Upper

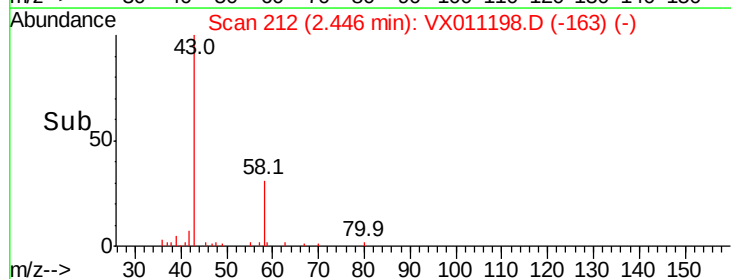
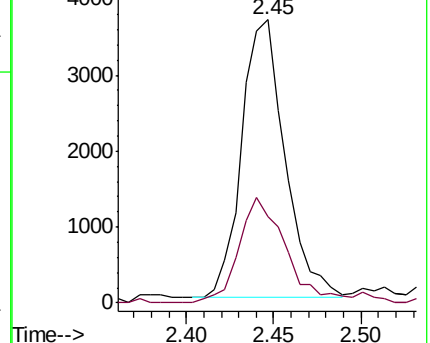
43 100

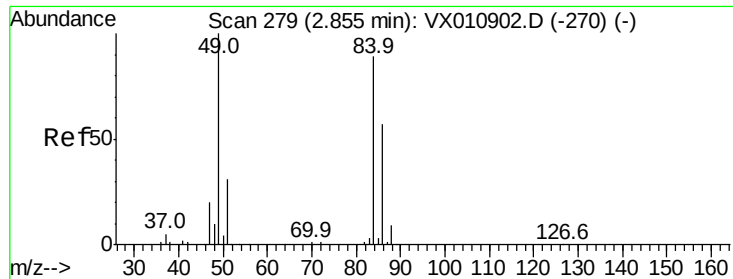
58 31.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

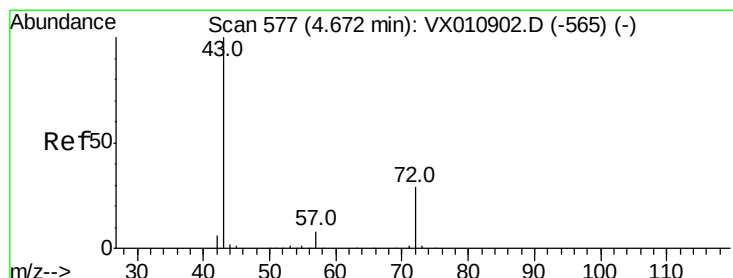
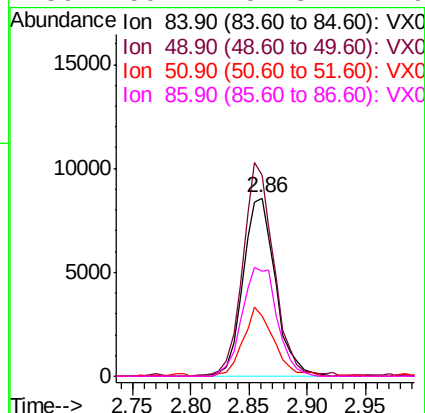
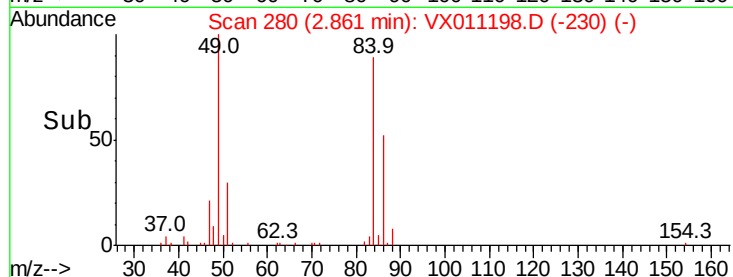
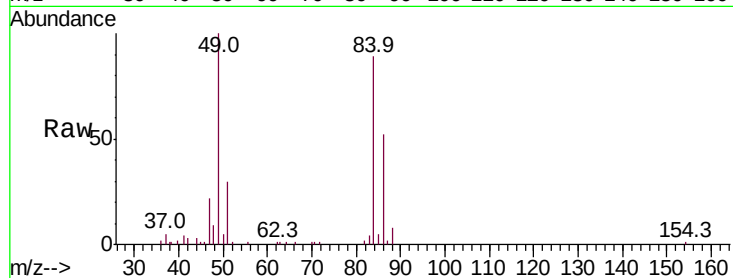




#20
Methvlene Chloride
Concen: 7.481 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011198.D
Acq: 30 Jul 2019 16:30

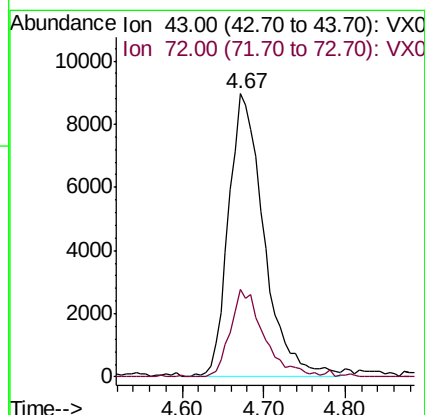
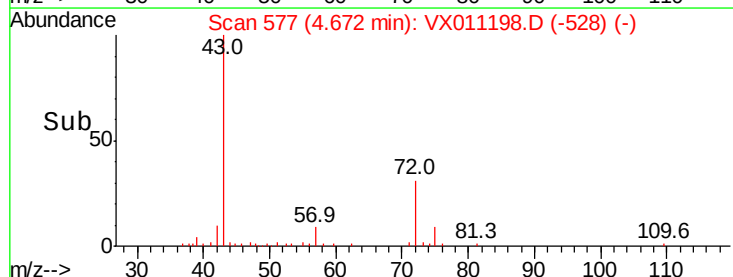
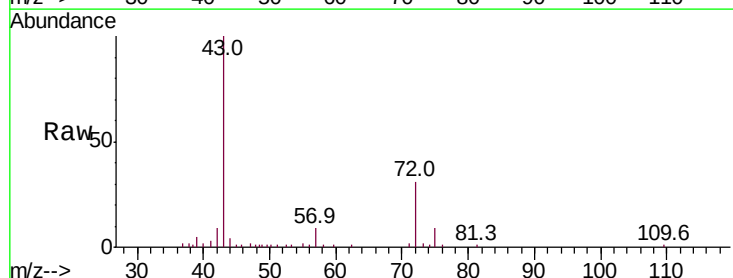
Instrument :
MSVOA_X
ClientSampleId :
Z3-ER-2019-2

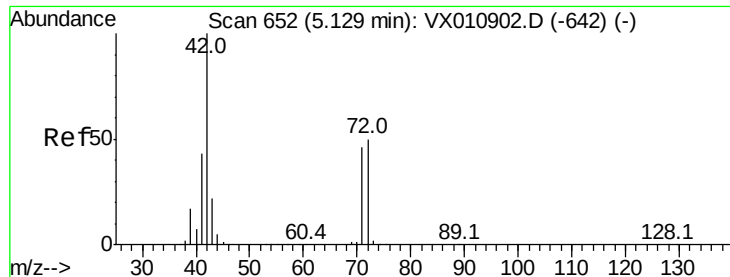
Tot Ion:	84	Resp:	16678
Ion	Ratio	Lower	Upper
84	100		
49	112.7	89.9	134.9
51	33.8	27.8	41.6
86	59.1	51.8	77.6



#25
2-Butanone
Concen: 17.881 ug/l
RT: 4.67 min Scan# 577
Delta R.T. 0.00 min
Lab File: VX011198.D
Acq: 30 Jul 2019 16:30

Tgt Ion:	43	Resp:	27003
Ion	Ratio	Lower	Upper
43	100		
72	31.0	23.0	34.6





#29

Tetrahydrofuran

Concen: 157.820 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX011198.D

Acq: 30 Jul 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

Z3-ER-2019-2

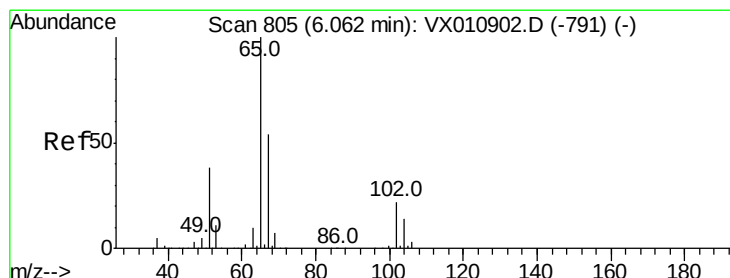
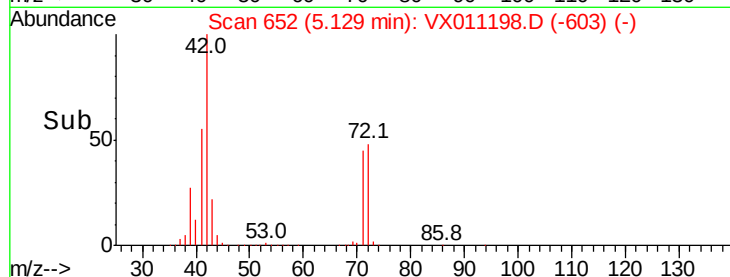
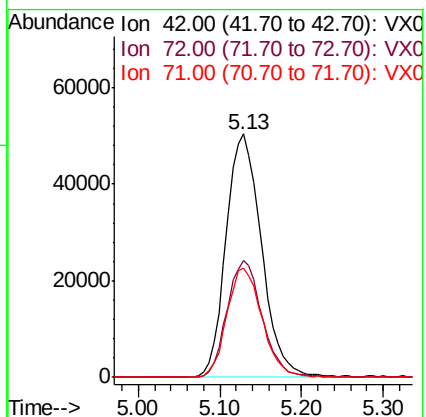
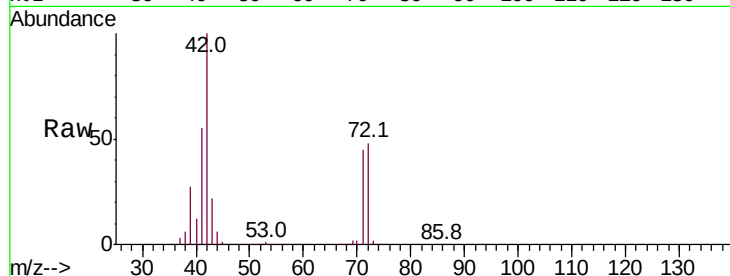
Tot Ion: 42 Resp: 150968

Ion Ratio Lower Upper

42 100

72 47.9 39.8 59.8

71 44.6 37.0 55.4



#33

1,2-Dichloroethane-d4

Concen: 45.308 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011198.D

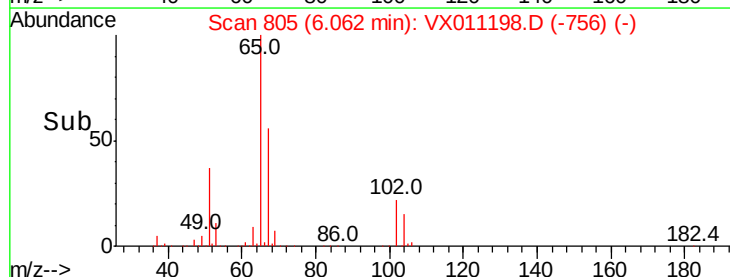
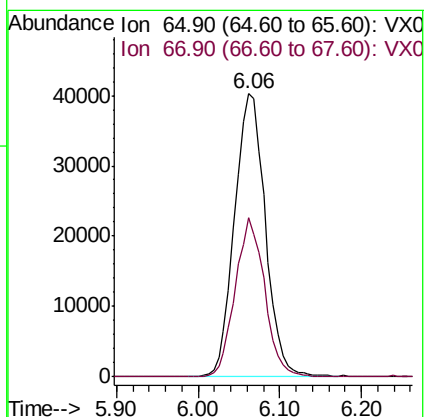
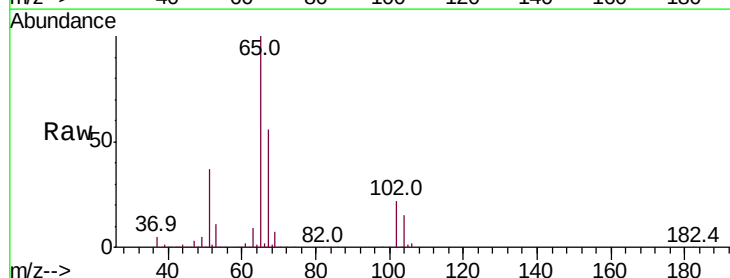
Acq: 30 Jul 2019 16:30

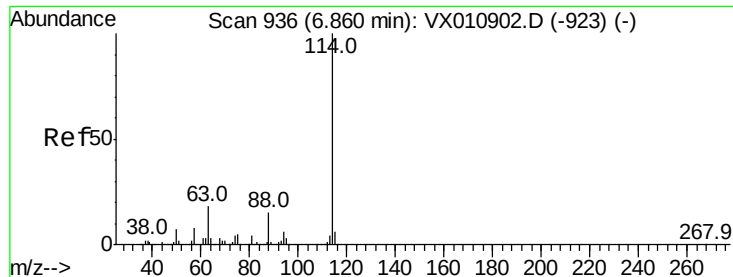
Tgt Ion: 65 Resp: 105534

Ion Ratio Lower Upper

65 100

67 53.7 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: VX011198.D

Acq: 30 Jul 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

Z3-ER-2019-2

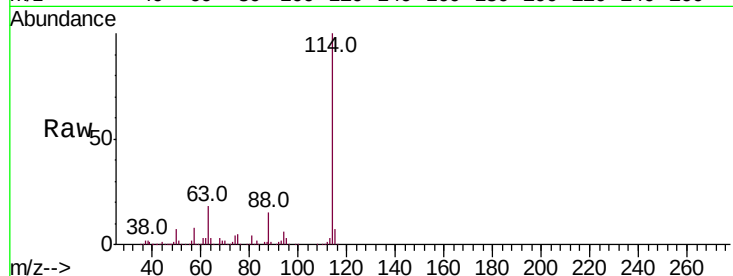
Tot Ion:114 Resp: 308408

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

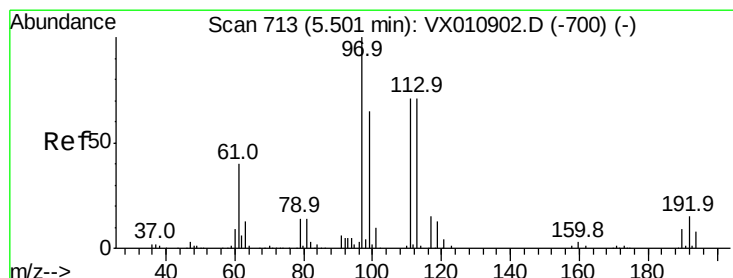
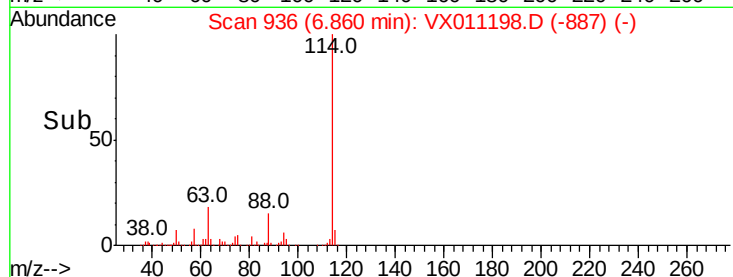
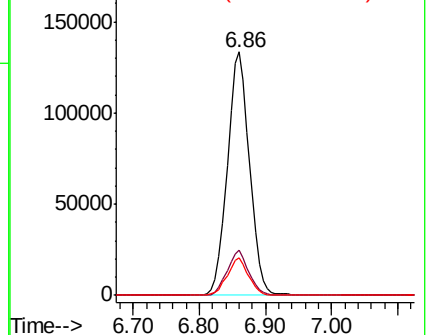
88 15.2 0.0 29.8



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: 47.146 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011198.D

Acq: 30 Jul 2019 16:30

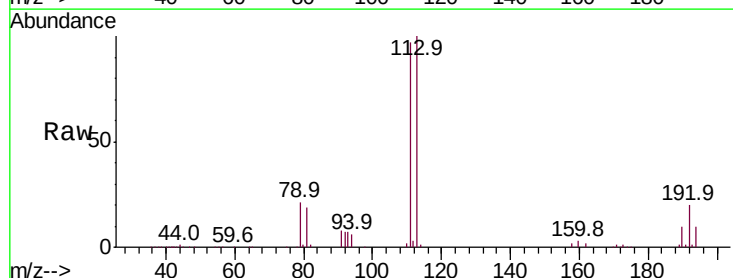
Tgt Ion:113 Resp: 92290

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

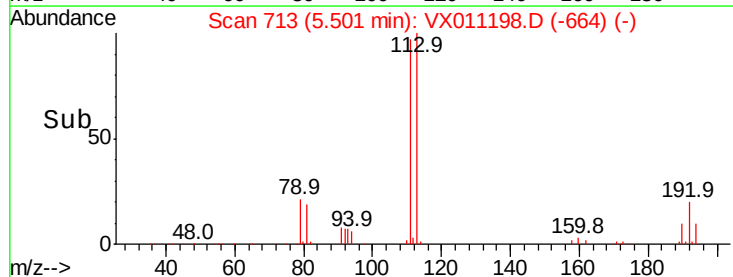
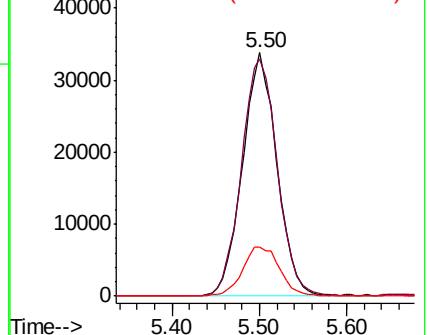
192 21.8 17.4 26.2

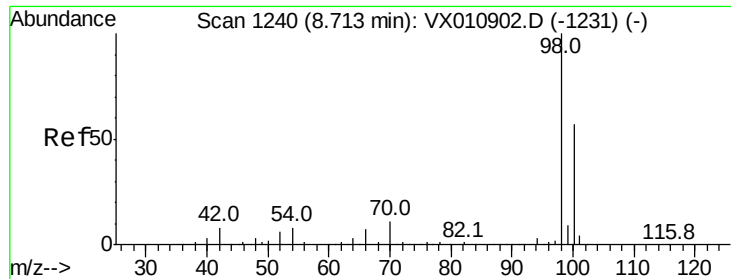


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.638 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011198.D

Acq: 30 Jul 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

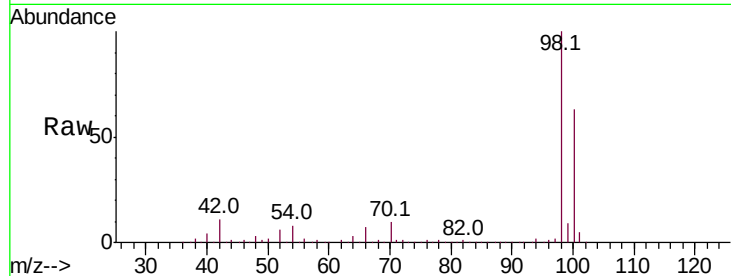
Z3-ER-2019-2

Tot Ion: 98 Resp: 357098

Ion Ratio Lower Upper

98 100

100 62.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

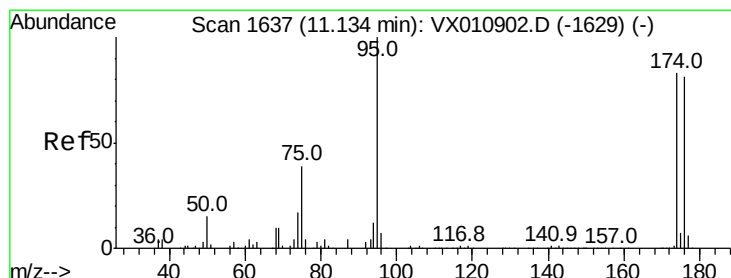
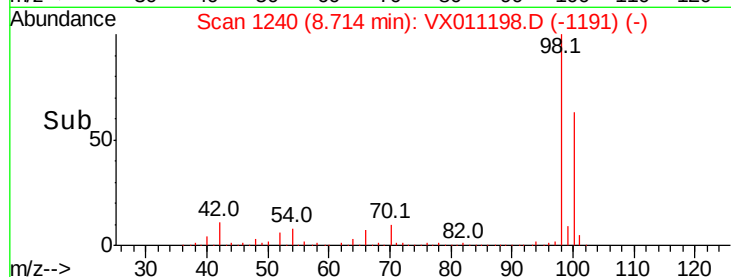
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 42.865 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011198.D

Acq: 30 Jul 2019 16:30

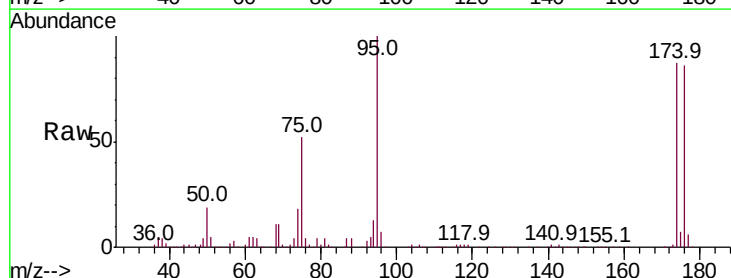
Tgt Ion: 95 Resp: 115680

Ion Ratio Lower Upper

95 100

174 92.5 0.0 180.6

176 90.1 0.0 173.8



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

11.13

120000

100000

80000

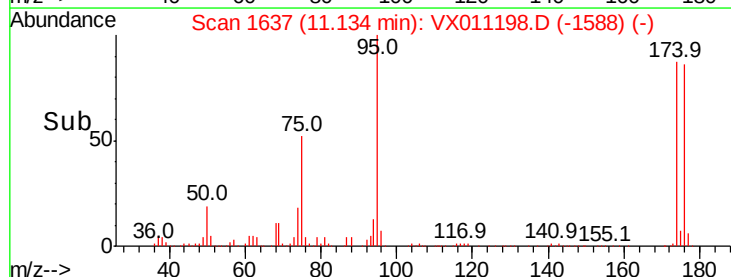
60000

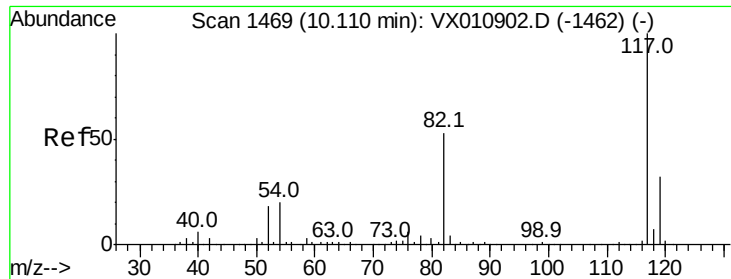
40000

20000

0

Time--> 11.10 11.20

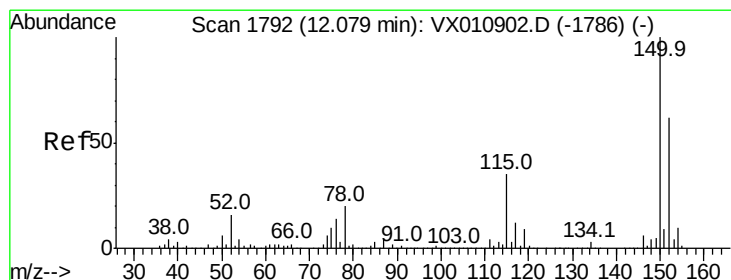
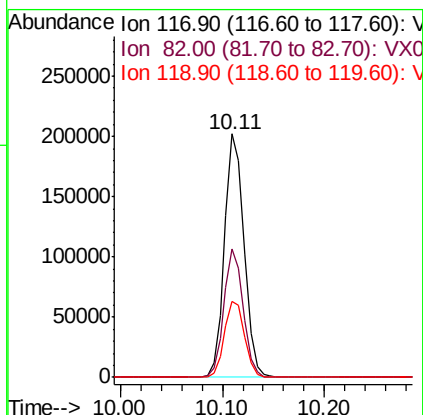
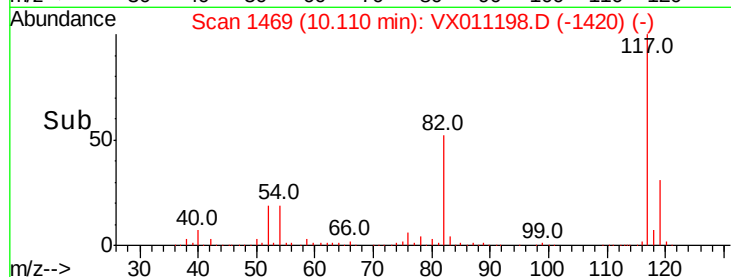
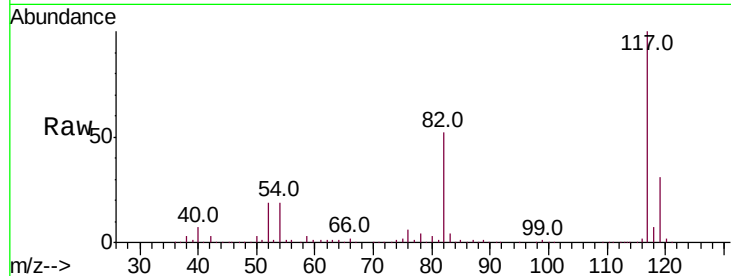




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011198.D
Acq: 30 Jul 2019 16:30

Instrument :
MSVOA_X
ClientSampled :
Z3-ER-2019-2

Tot Ion:117 Resp: 269066
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011198.D
Acq: 30 Jul 2019 16:30

Tgt Ion:152 Resp: 125373
Ion Ratio Lower Upper
152 100
115 56.2 39.7 119.1
150 153.7 0.0 345.6

