

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012126.D
 Acq On : 06 Sep 2019 04:15
 Operator : SY/SP
 Sample : K4618-10
 Misc : 3.88g/5.0mL/MSVOA X/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4-22-24

Quant Time: Sep 11 07:40:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

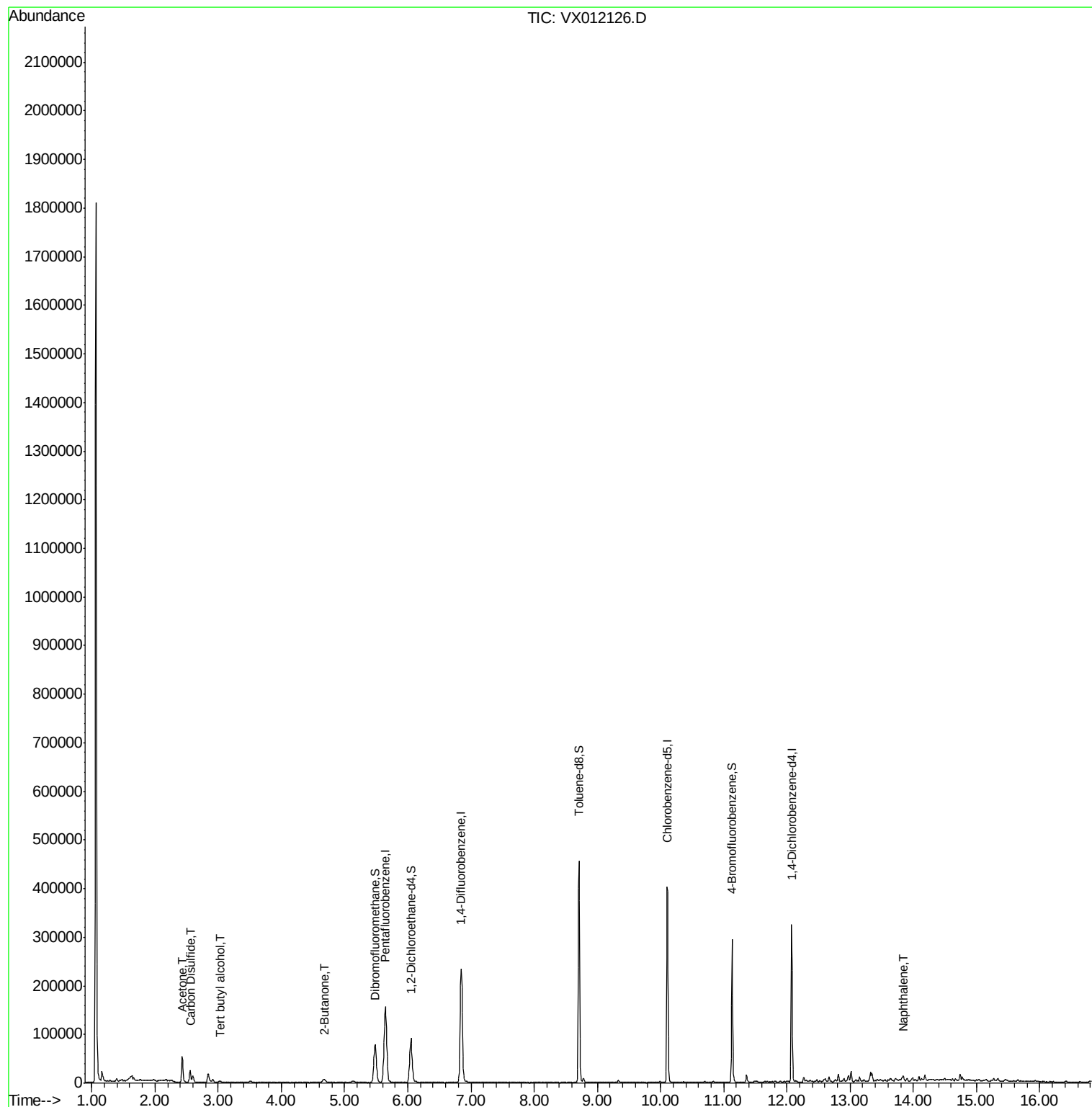
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	131544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	226352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	173711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	58229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	91140	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	5.48	113	65929	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	8.71	98	255234	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.13	95	86292	36.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	4253	24.395	ug/l #	90
16) Acetone	2.43	43	55920	128.897	ug/l	100
17) Carbon Disulfide	2.56	76	32720	8.643	ug/l	98
25) 2-Butanone	4.67	43	6129	11.098	ug/l	97
95) Naphthalene	13.83	128	3523	1.326	ug/l #	91

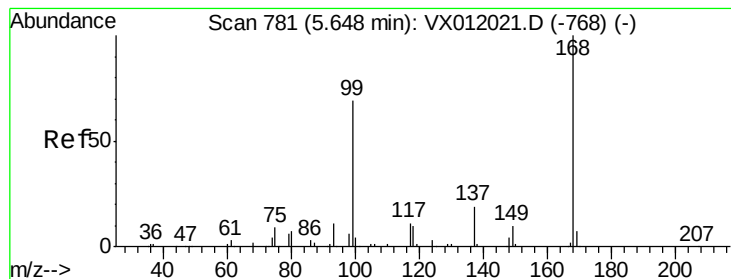
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012126.D

Acq: 06 Sep 2019 04:15

Instrument :

MSVOA_X

ClientSampled :

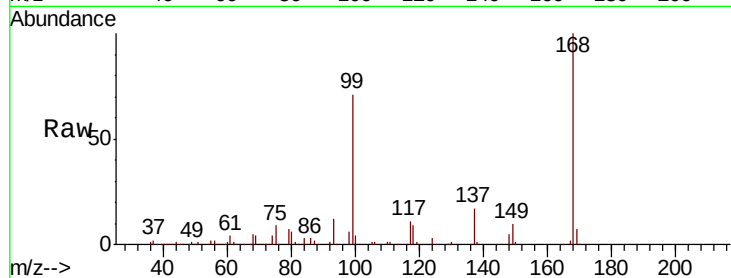
SB-4-22-24

Tot Ion:168 Resp: 131544

Ion Ratio Lower Upper

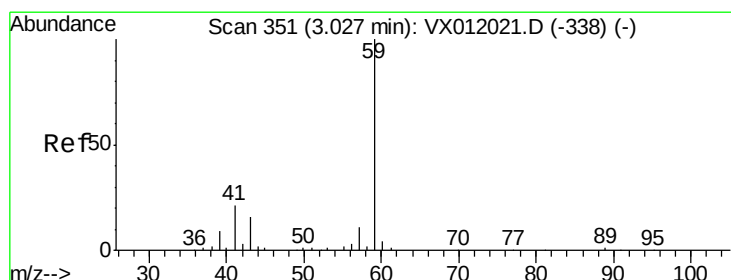
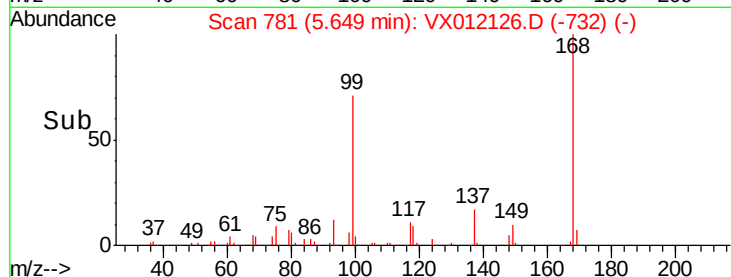
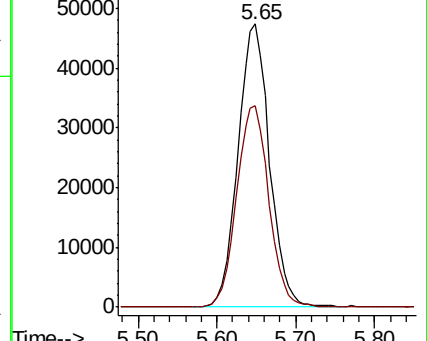
168 100

99 71.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 24.395 ug/l

RT: 3.03 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX012126.D

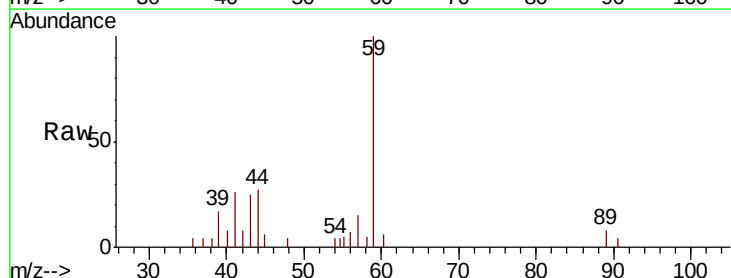
Acq: 06 Sep 2019 04:15

Tgt Ion: 59 Resp: 4253

Ion Ratio Lower Upper

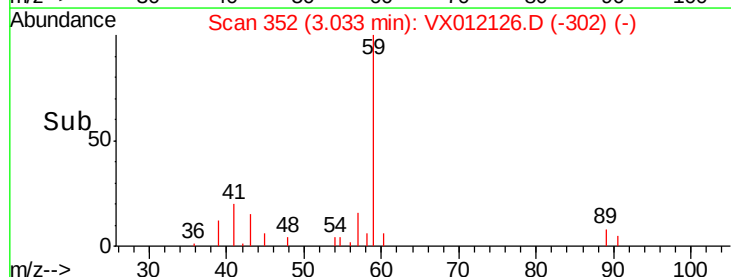
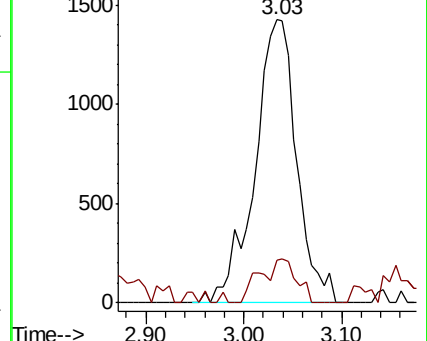
59 100

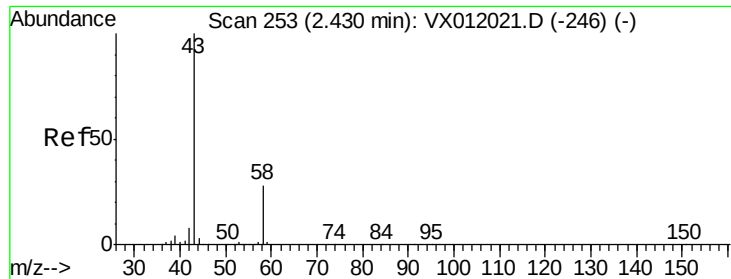
57 13.6 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 128.897 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012126.D

Acq: 06 Sep 2019 04:15

Instrument :

MSVOA_X

ClientSampleId :

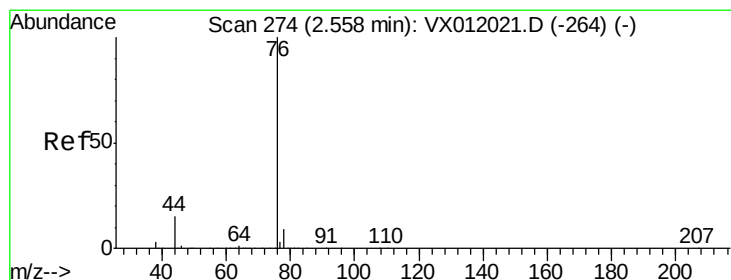
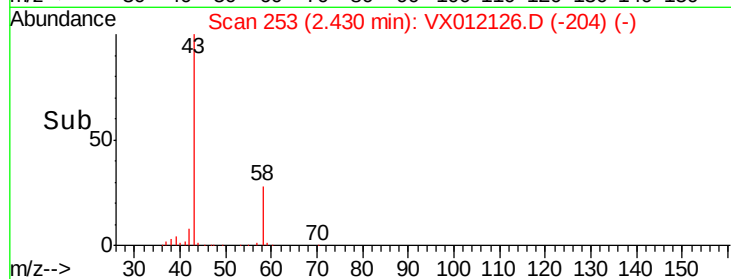
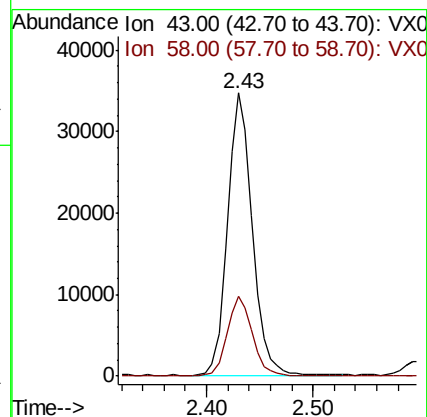
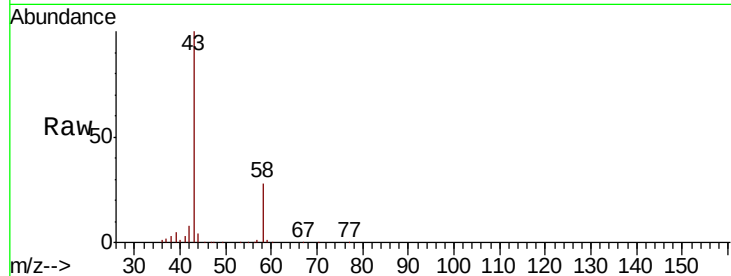
SB-4-22-24

Tot Ion: 43 Resp: 55920

Ion Ratio Lower Upper

43 100

58 28.5 22.8 34.2



#17

Carbon Disulfide

Concen: 8.643 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012126.D

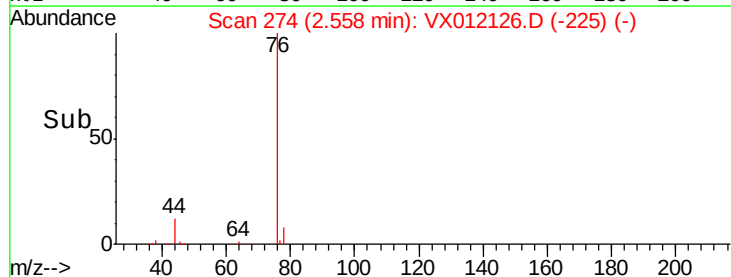
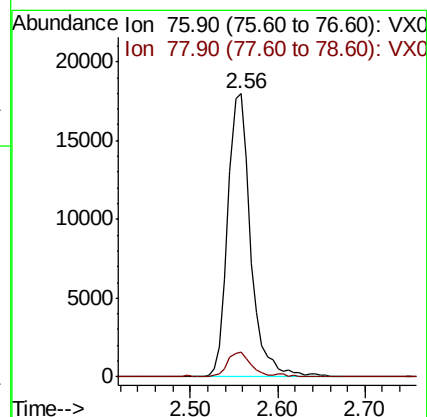
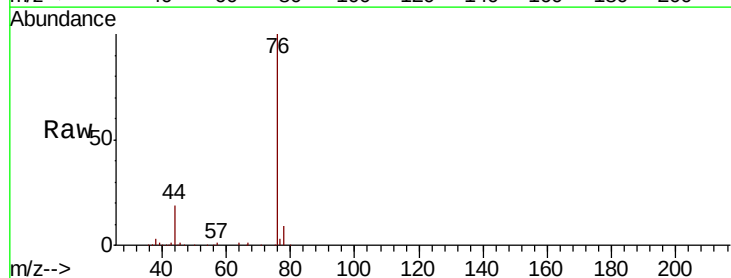
Acq: 06 Sep 2019 04:15

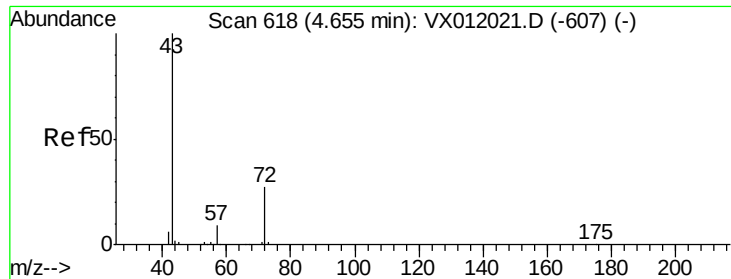
Tgt Ion: 76 Resp: 32720

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2





#25

2-Butanone

Concen: 11.098 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012126.D

Acq: 06 Sep 2019 04:15

Instrument :

MSVOA_X

ClientSampled :

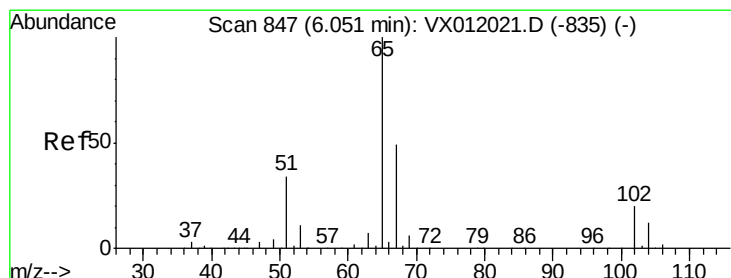
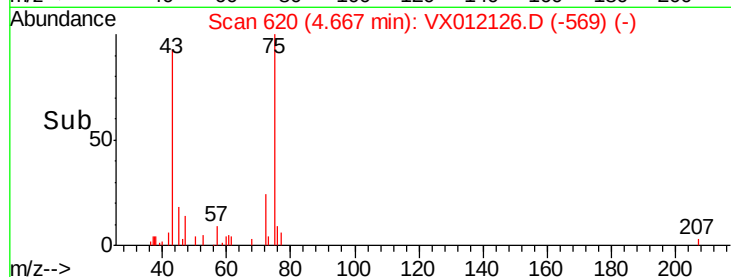
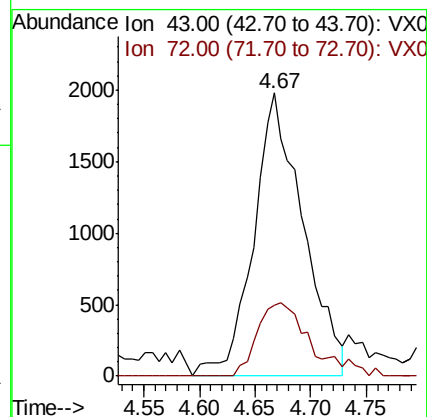
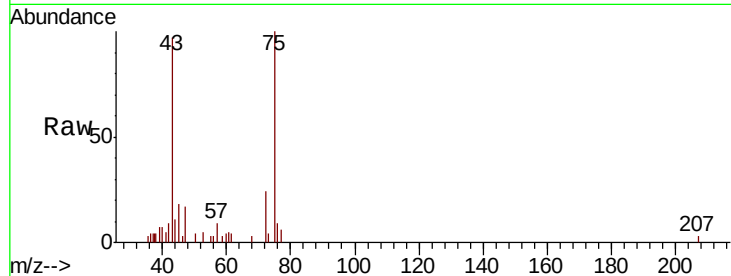
SB-4-22-24

Tot Ion: 43 Resp: 6129

Ion Ratio Lower Upper

43 100

72 25.1 21.3 31.9



#33

1,2-Dichloroethane-d4

Concen: 50.214 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012126.D

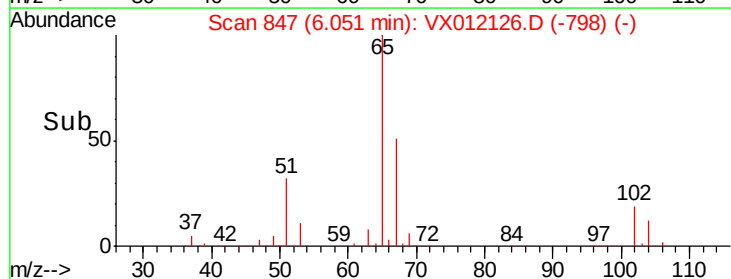
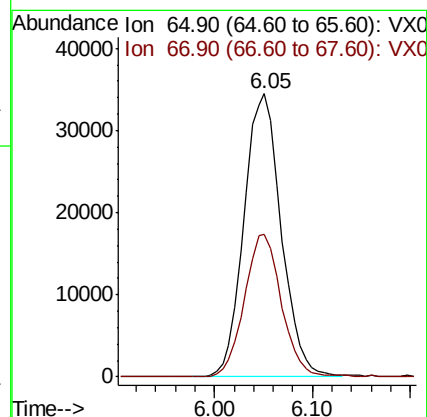
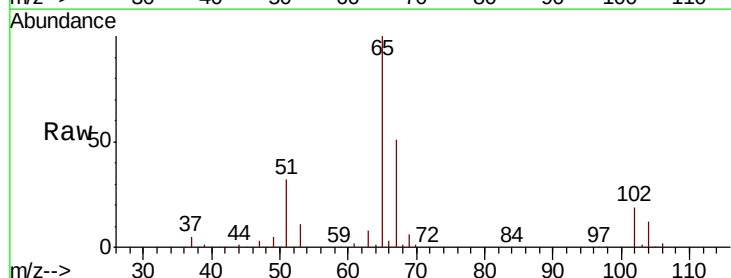
Acq: 06 Sep 2019 04:15

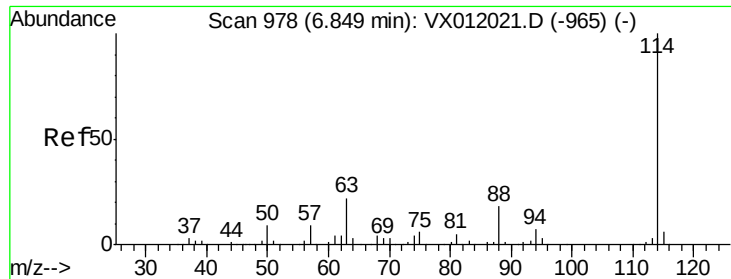
Tgt Ion: 65 Resp: 91140

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.0

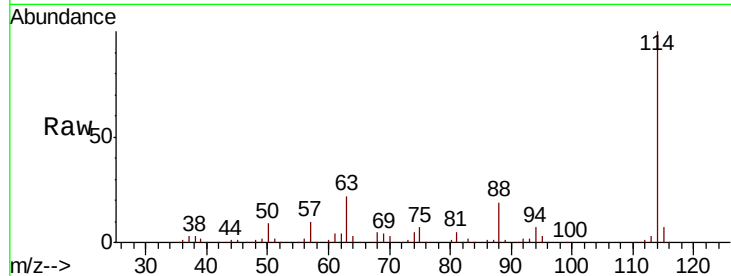




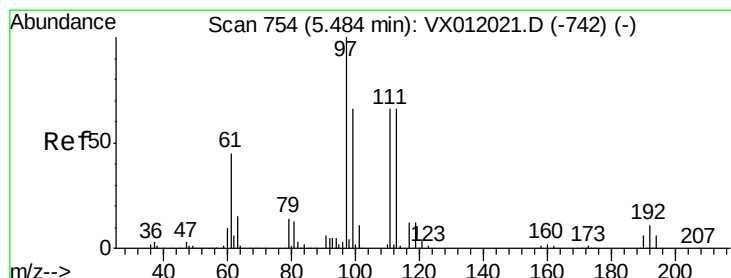
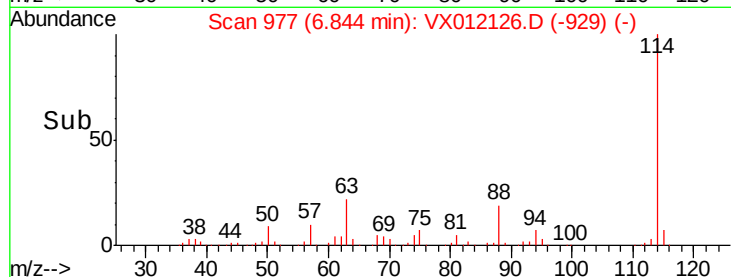
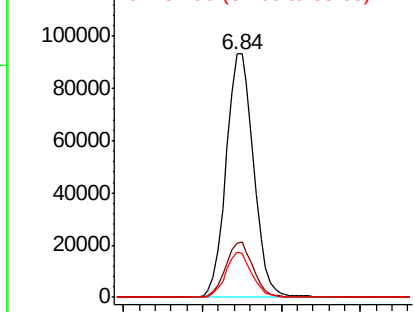
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012126.D
 Acq: 06 Sep 2019 04:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4-22-24

Tot Ion:114 Resp: 226352
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 37.4
 88 18.5 0.0 29.6

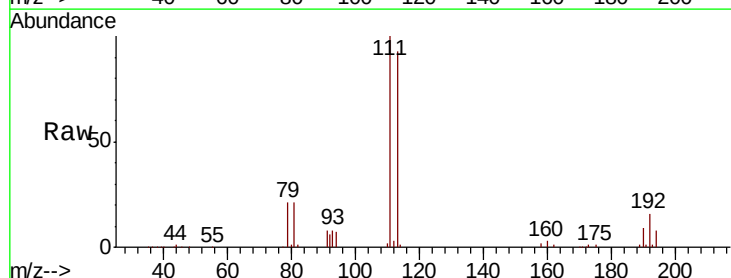


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

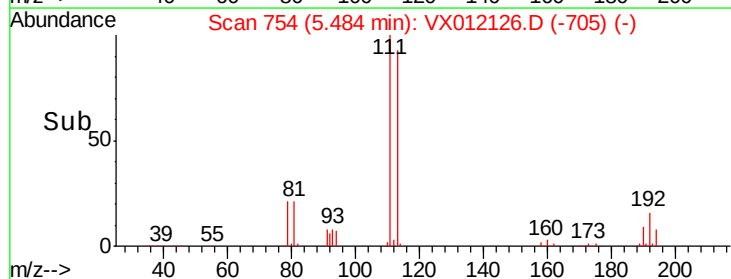
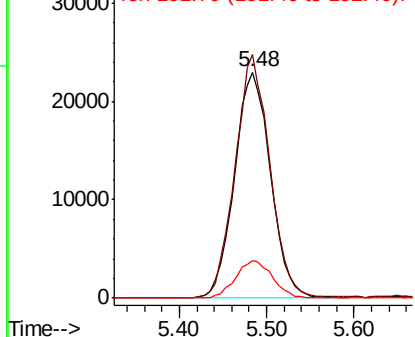


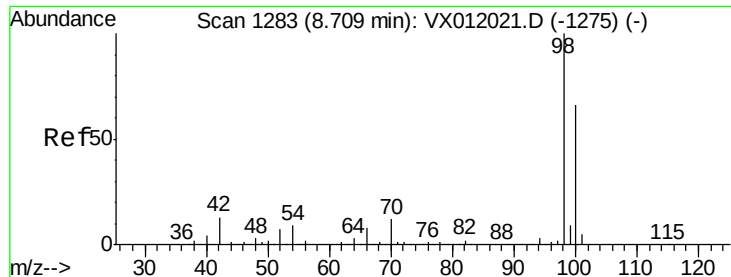
#35
 Dibromofluoromethane
 Concen: 47.363 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012126.D
 Acq: 06 Sep 2019 04:15

Tgt Ion:113 Resp: 65929
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.7 122.5
 192 16.7 22.5 33.7#



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

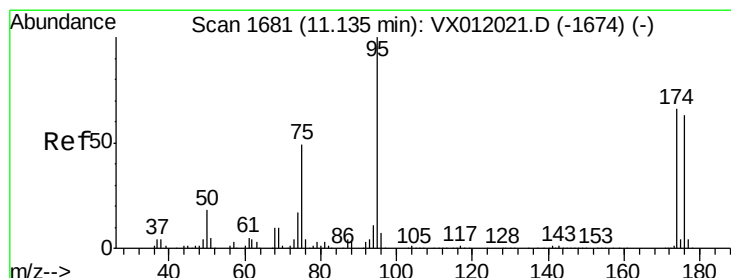
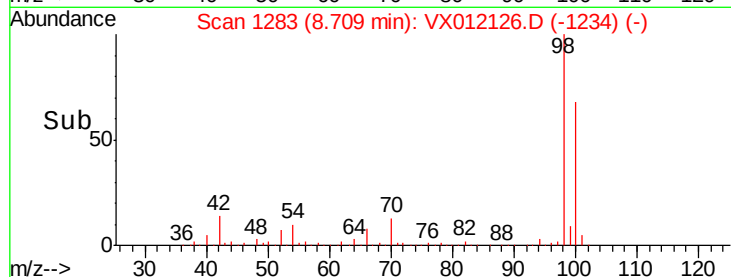
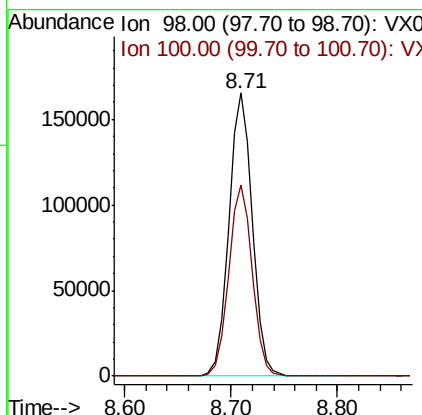
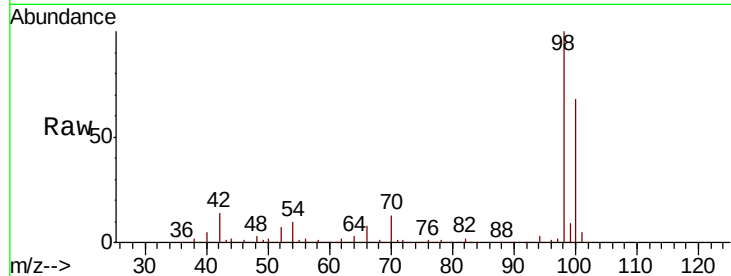




#50
Toluene-d8
Concen: 49.967 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012126.D
Acq: 06 Sep 2019 04:15

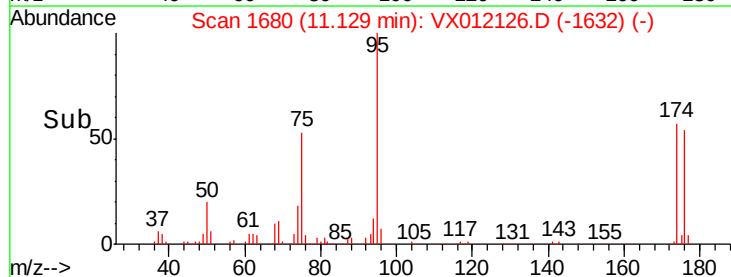
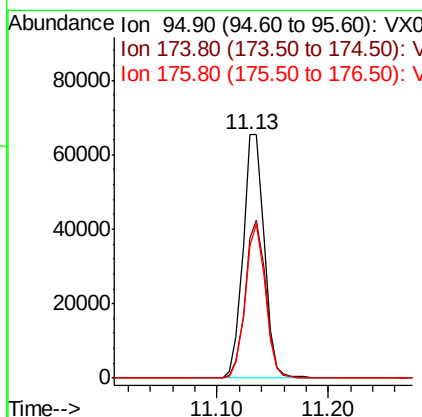
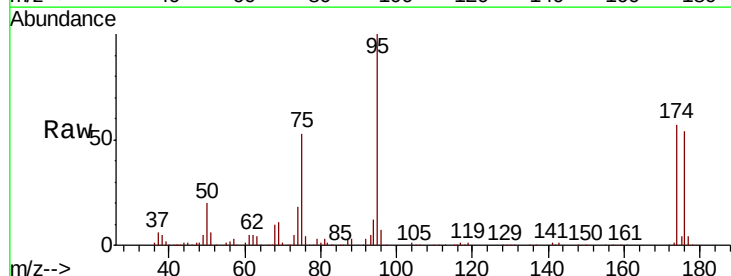
Instrument :
MSVOA_X
ClientSampleId :
SB-4-22-24

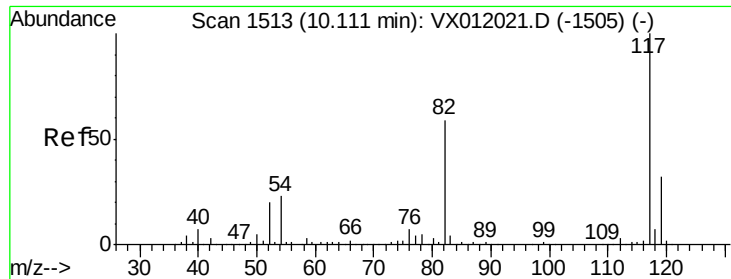
Tot Ion: 98 Resp: 255234
Ion Ratio Lower Upper
98 100
100 67.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 36.325 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012126.D
Acq: 06 Sep 2019 04:15

Tgt Ion: 95 Resp: 86292
Ion Ratio Lower Upper
95 100
174 62.7 0.0 205.4
176 59.8 0.0 201.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012126.D

Acq: 06 Sep 2019 04:15

Instrument :

MSVOA_X

ClientSampleId :

SB-4-22-24

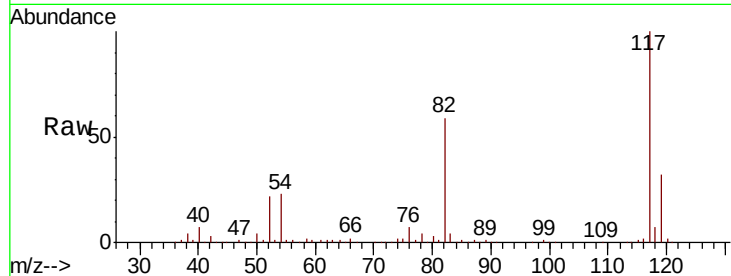
Tot Ion:117 Resp: 173711

Ion Ratio Lower Upper

117 100

82 58.7 39.4 59.0

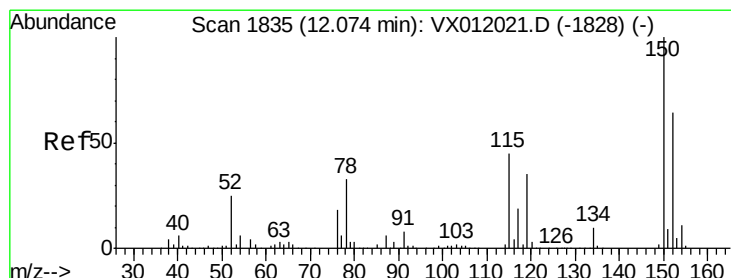
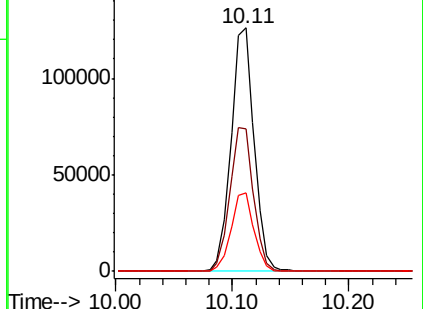
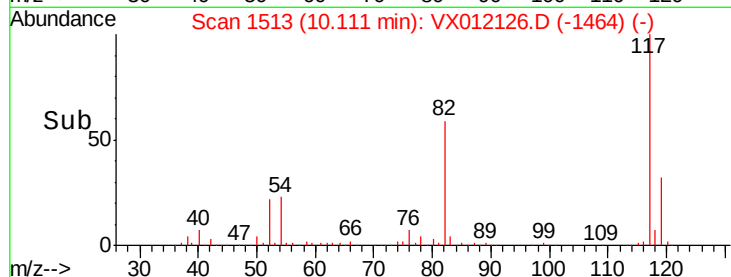
119 32.0 26.1 39.1



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012126.D

Acq: 06 Sep 2019 04:15

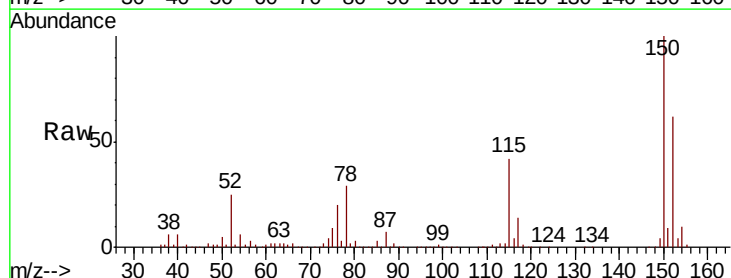
Tgt Ion:152 Resp: 58229

Ion Ratio Lower Upper

152 100

115 68.3 36.4 109.3

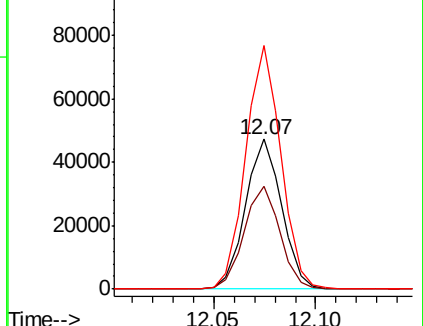
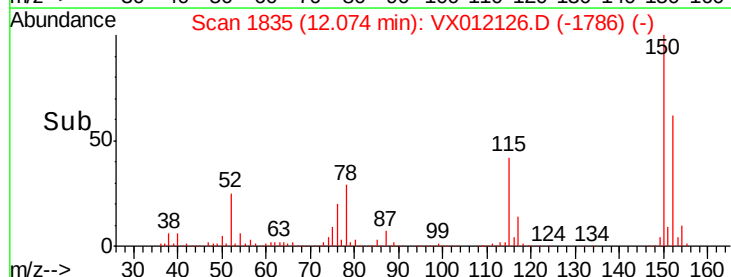
150 158.7 0.0 341.2

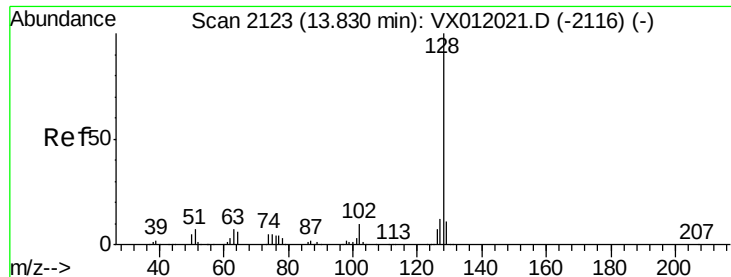


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 1.326 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012126.D
Acq: 06 Sep 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
SB-4-22-24

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.7	10.5	15.7#
129	14.8	8.8	13.2#

