

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011875.D
 Acq On : 28 Aug 2019 18:21
 Operator : SY/SP
 Sample : VX0828SBL01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828SBL01

Quant Time: Aug 29 12:32:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 15:10:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	342454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	481636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	442206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	239349	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	165552	54.48	ug/l	0.00
Spiked Amount						
			Recovery	=	108.96%	
35) Dibromofluoromethane	5.49	113	149290	51.01	ug/l	0.00
Spiked Amount						
			Recovery	=	102.02%	
50) Toluene-d8	8.71	98	577586	53.01	ug/l	0.00
Spiked Amount						
			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	11.13	95	221170	50.89	ug/l	0.00
Spiked Amount						
			Recovery	=	101.78%	

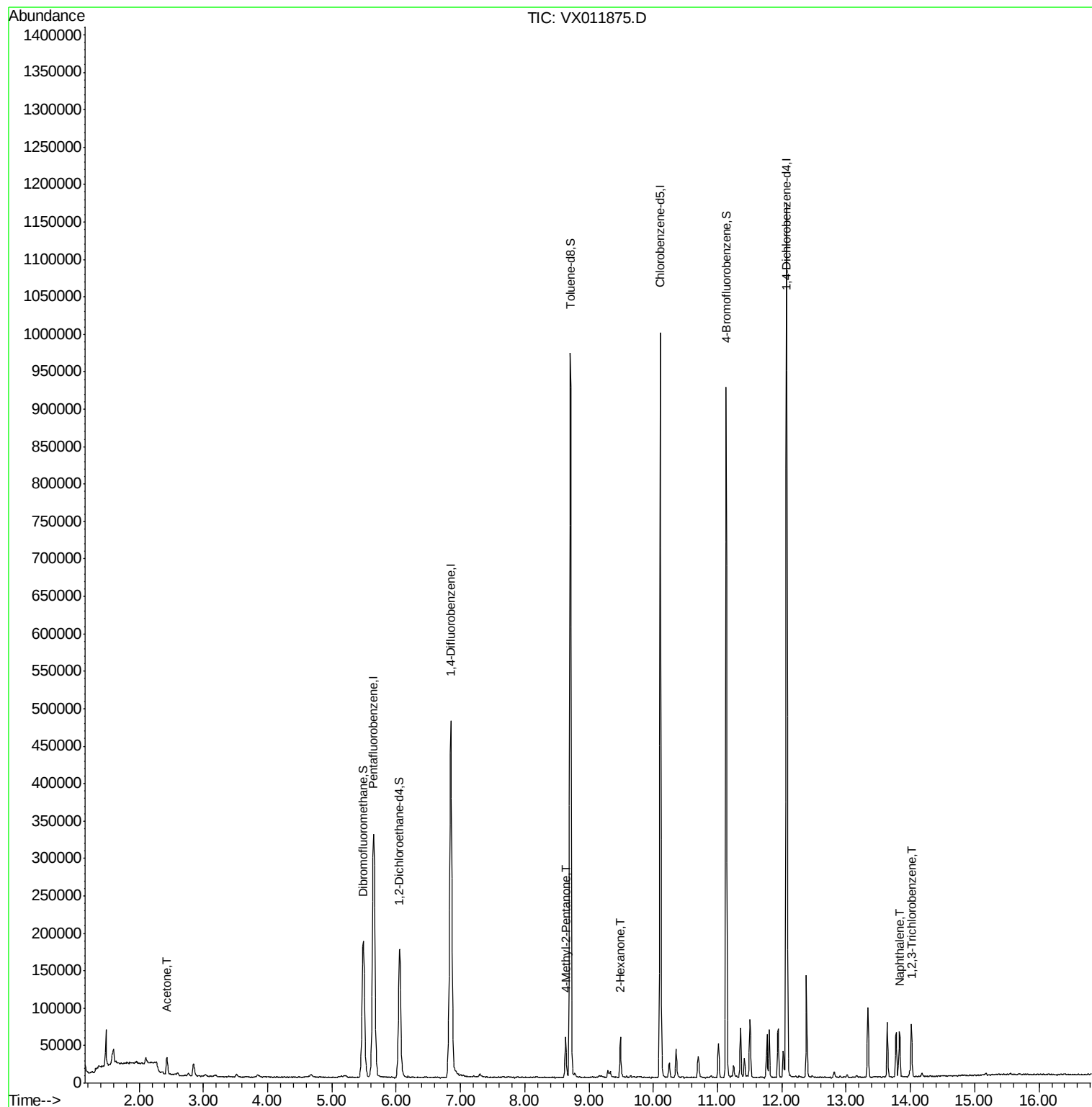
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	24245	5.625	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	32495	24.648	ug/l	98
59) 2-Hexanone	9.49	43	29148	34.597	ug/l	98
95) Naphthalene	13.83	128	38457	7.802	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	17798	5.351	ug/l	97

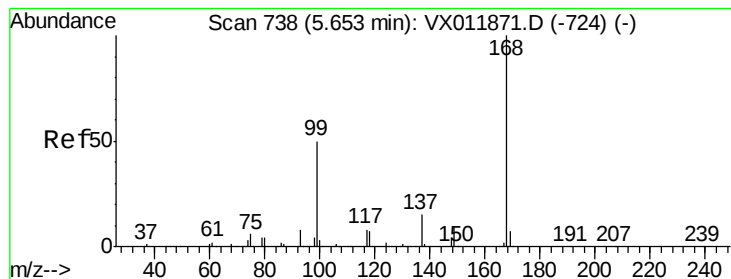
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0828SBL01

Quant Time: Aug 29 12:32:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 15:10:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011875.D

Acq: 28 Aug 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

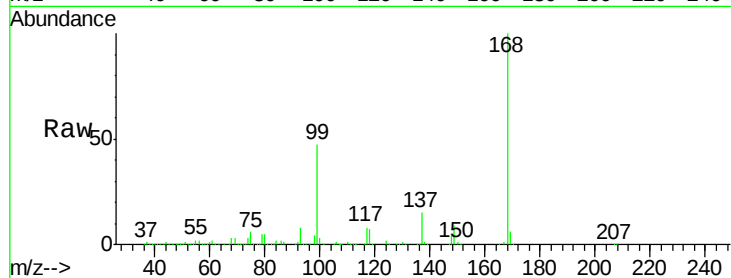
VX0828SBL01

Tot Ion:168 Resp: 342454

Ion Ratio Lower Upper

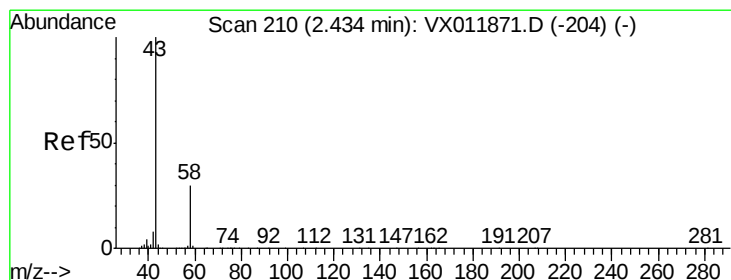
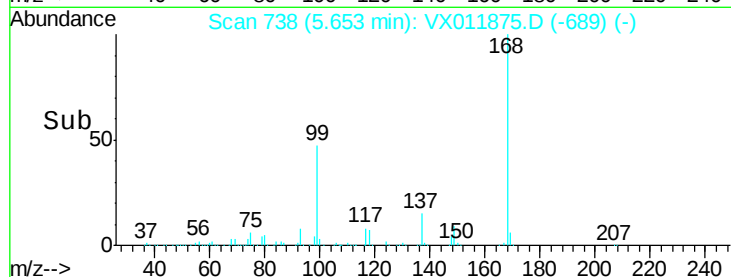
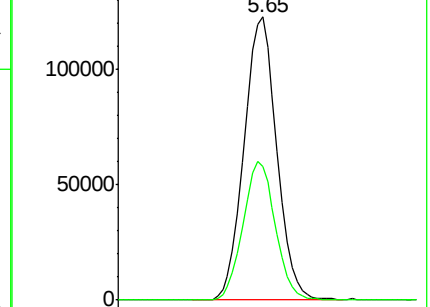
168 100

99 47.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.625 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011875.D

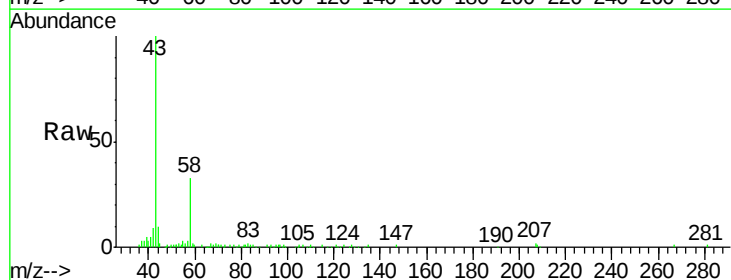
Acq: 28 Aug 2019 18:21

Tgt Ion: 43 Resp: 24245

Ion Ratio Lower Upper

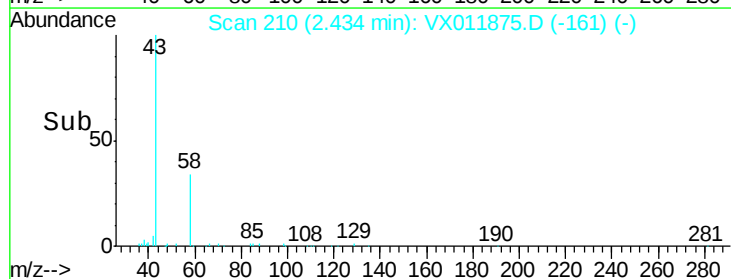
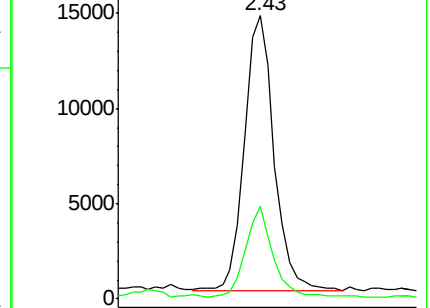
43 100

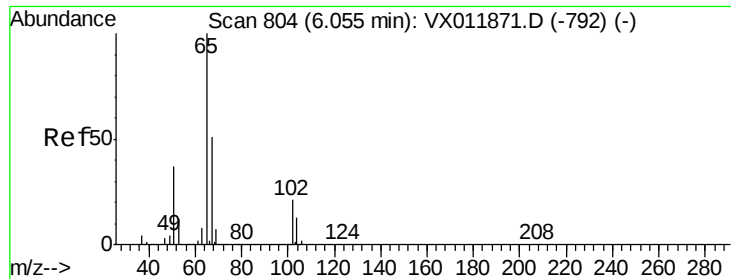
58 32.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

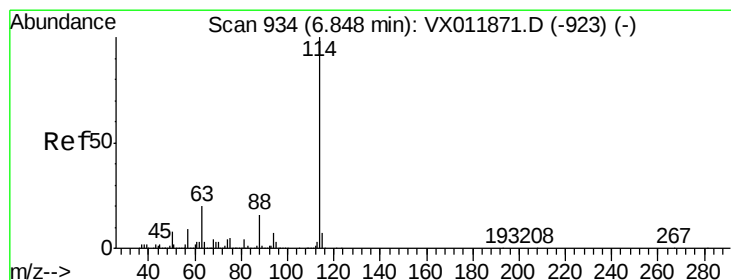
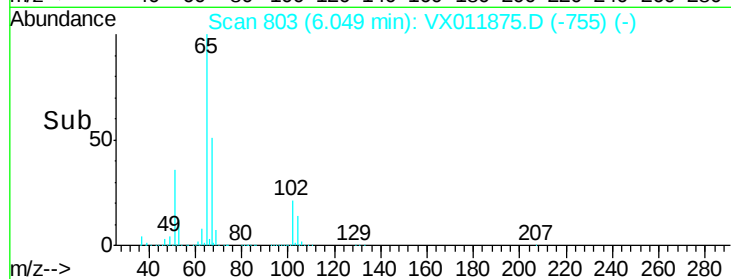
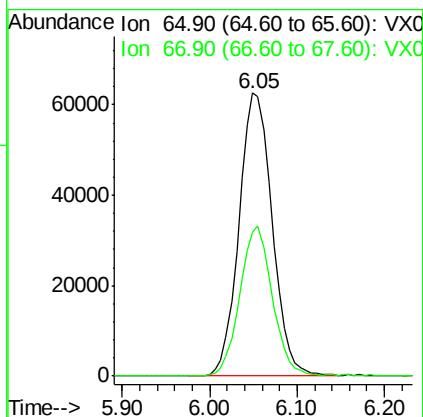
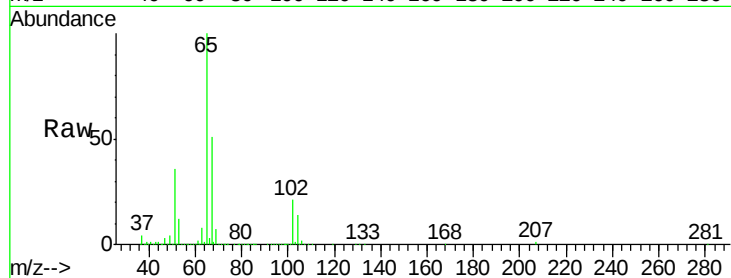




#33
 1,2-Dichloroethane-d4
 Concen: 54.475 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011875.D
 Acq: 28 Aug 2019 18:21

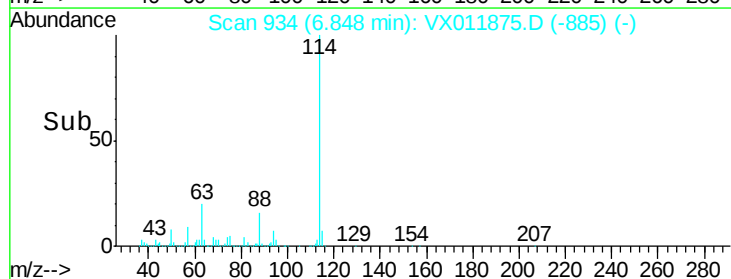
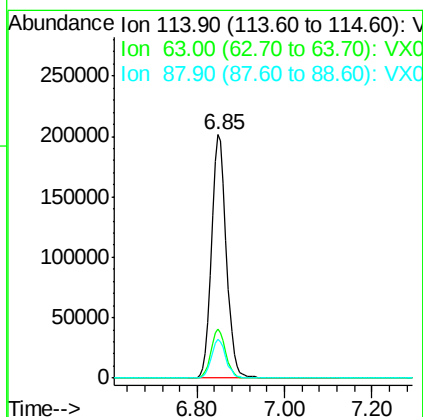
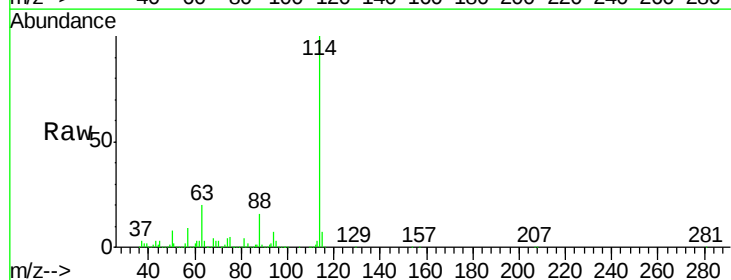
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828SBL01

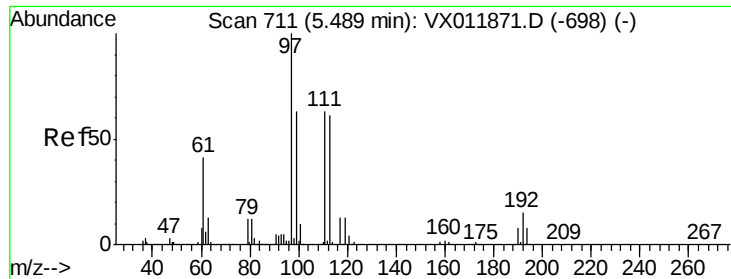
Tot Ion: 65 Resp: 16552
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VX011875.D
 Acq: 28 Aug 2019 18:21

Tgt Ion: 114 Resp: 481636
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.005 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX011875.D

Acq: 28 Aug 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0828SBL01

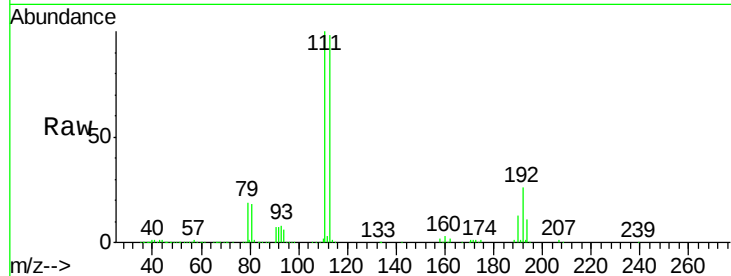
Tot Ion:113 Resp: 149290

Ion Ratio Lower Upper

113 100

111 101.9 80.9 121.3

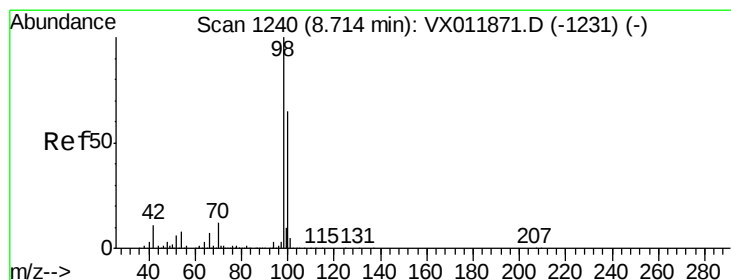
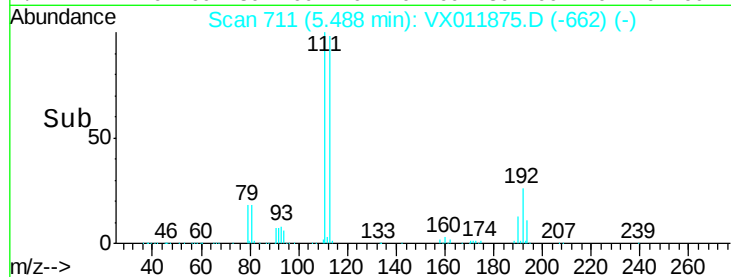
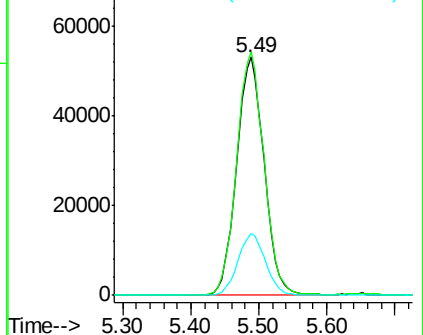
192 26.2 20.6 30.8



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: 53.011 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011875.D

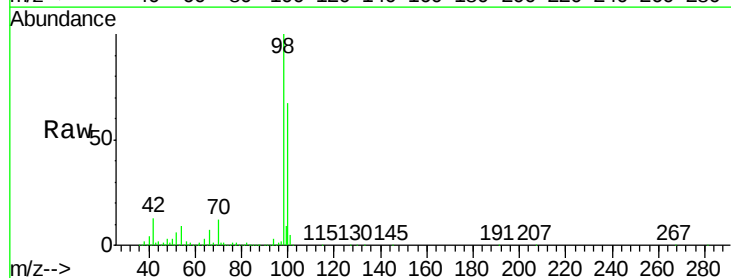
Acq: 28 Aug 2019 18:21

Tgt Ion: 98 Resp: 577586

Ion Ratio Lower Upper

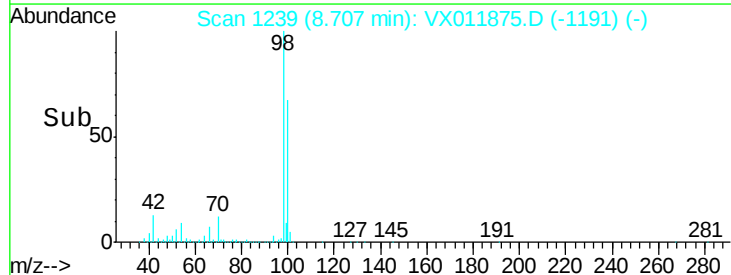
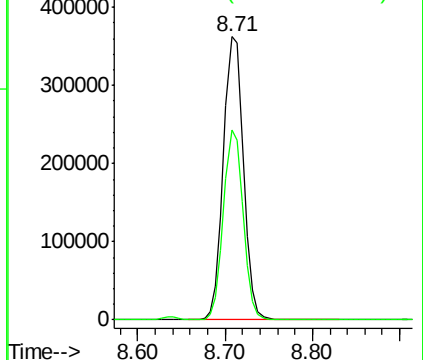
98 100

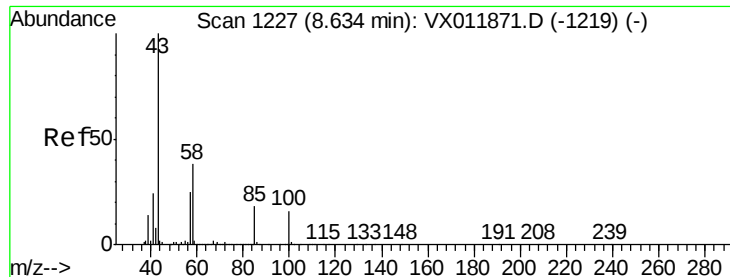
100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 24.648 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VX011875.D

Acq: 28 Aug 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

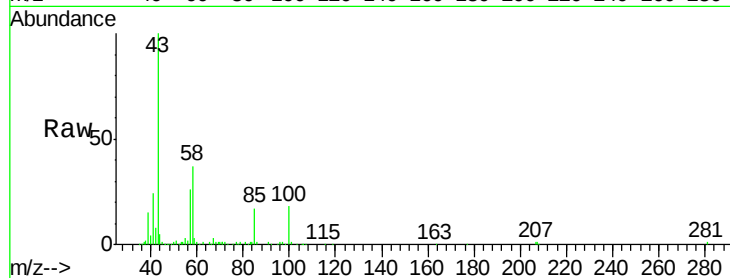
VX0828SBL01

Tot Ion: 43 Resp: 32495

Ion Ratio Lower Upper

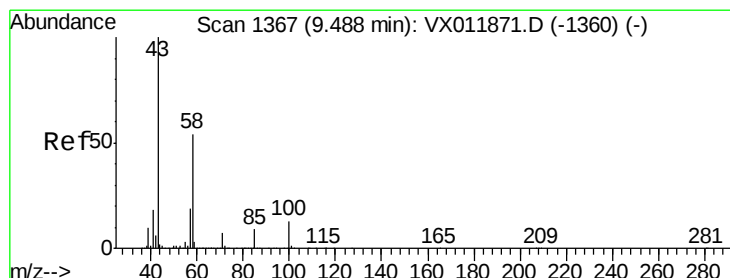
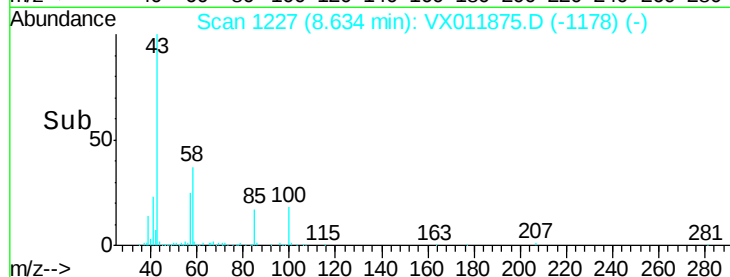
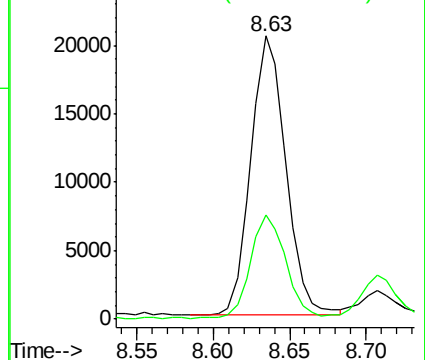
43 100

58 37.3 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#59

2-Hexanone

Concen: 34.597 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX011875.D

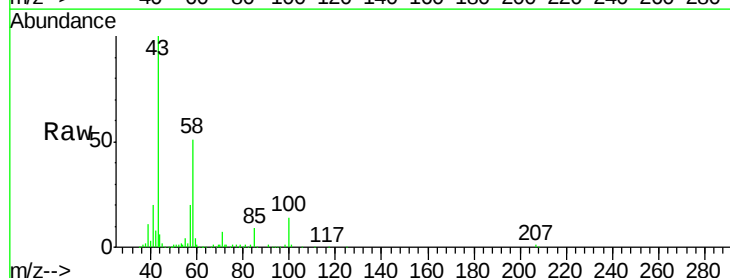
Acq: 28 Aug 2019 18:21

Tgt Ion: 43 Resp: 29148

Ion Ratio Lower Upper

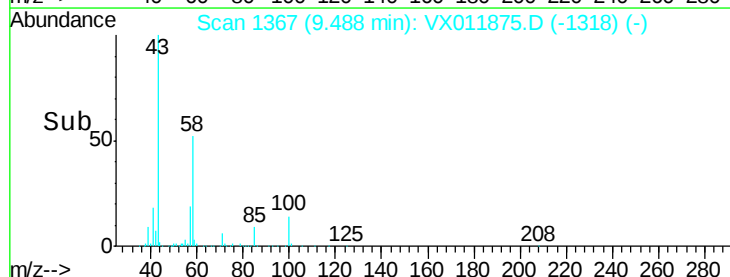
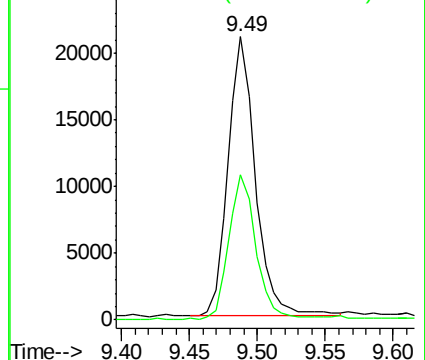
43 100

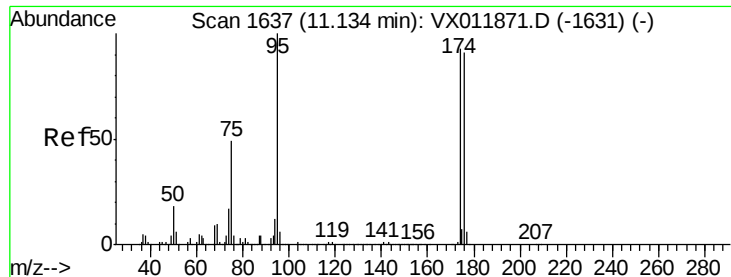
58 51.7 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.887 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011875.D

Acq: 28 Aug 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0828SBL01

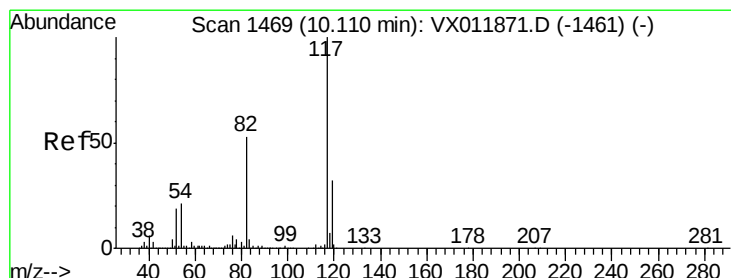
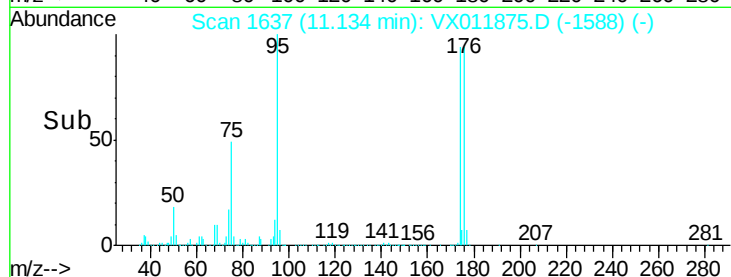
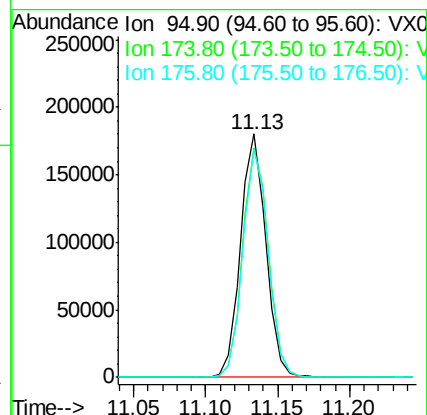
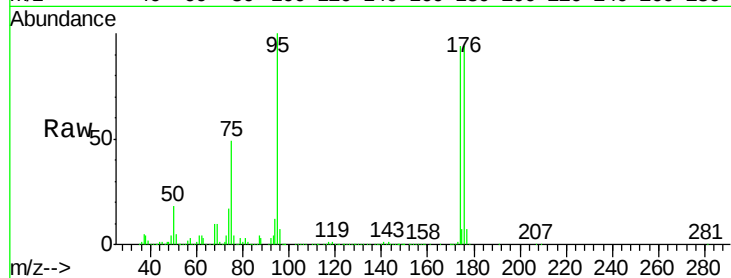
Tot Ion: 95 Resp: 221170

Ion Ratio Lower Upper

95 100

174 95.7 0.0 189.2

176 93.7 0.0 185.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011875.D

Acq: 28 Aug 2019 18:21

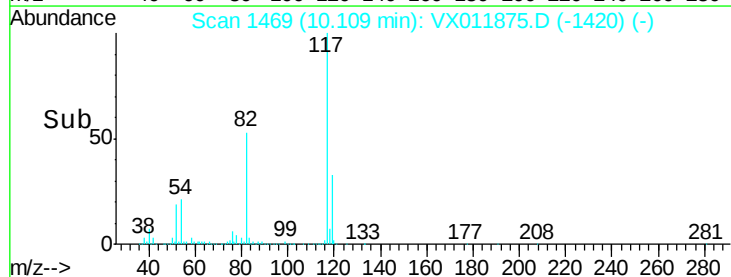
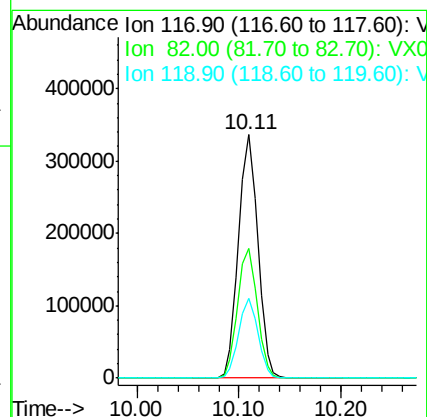
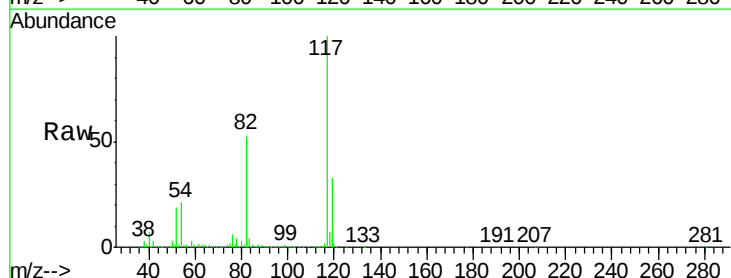
Tgt Ion: 117 Resp: 442206

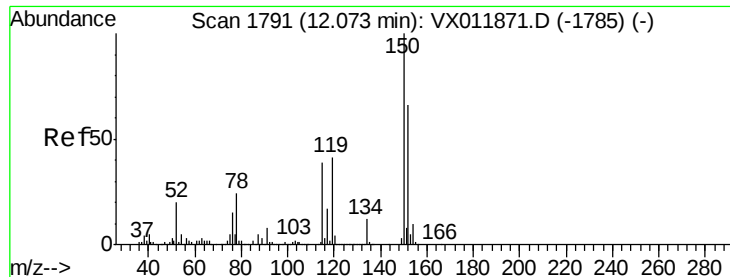
Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011875.D

Acq: 28 Aug 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

VX0828SBL01

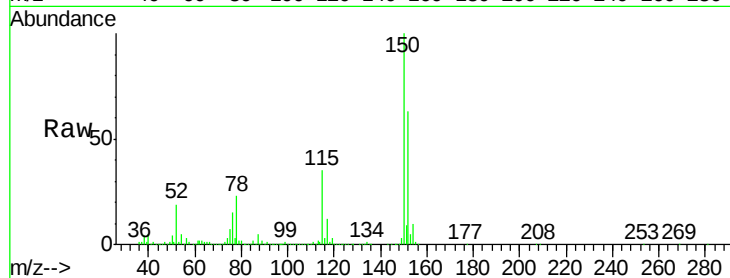
Tot Ion:152 Resp: 239349

Ion Ratio Lower Upper

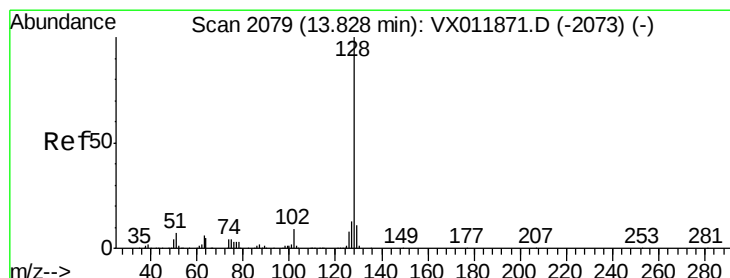
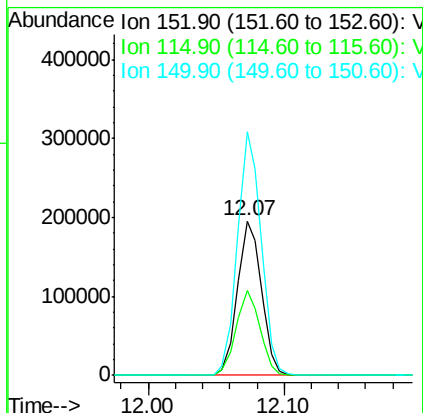
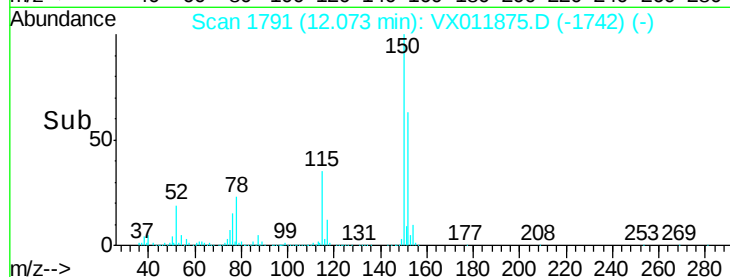
152 100

115 54.9 36.0 108.1

150 156.2 0.0 341.4



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: 7.802 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011875.D

Acq: 28 Aug 2019 18:21

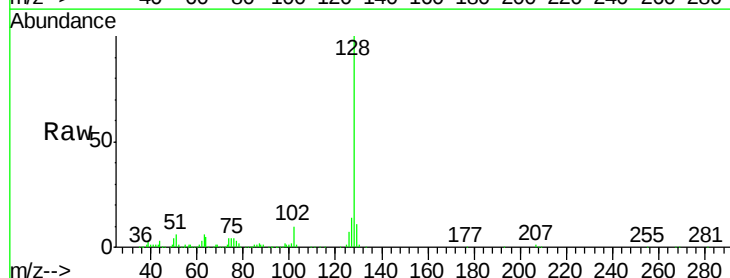
Tgt Ion:128 Resp: 38457

Ion Ratio Lower Upper

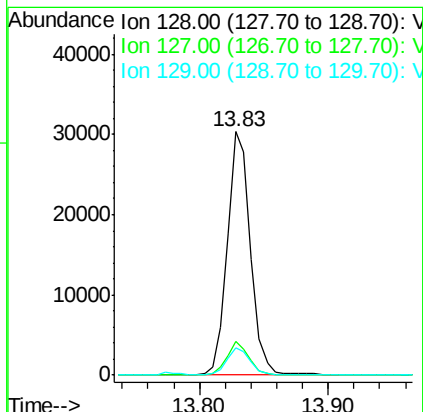
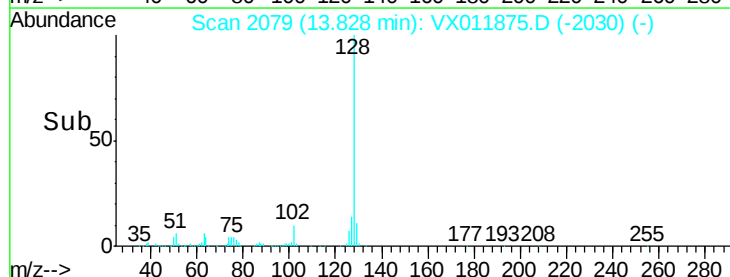
128 100

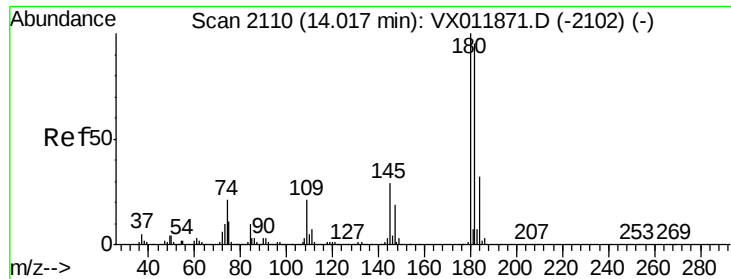
127 13.1 10.4 15.6

129 11.5 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

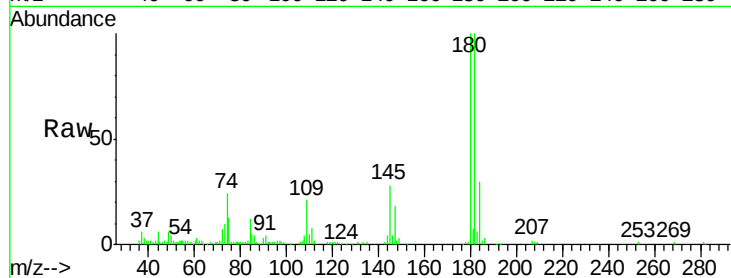




#96
 1,2,3-Trichlorobenzene
 Concen: 5.351 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX011875.D
 Acq: 28 Aug 2019 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828SBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.9	143.7
145	31.3	14.9	44.7



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

