

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011877.D
 Acq On : 28 Aug 2019 19:18
 Operator : SY/SP
 Sample : VX0828SBL03
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828SBL03

Quant Time: Aug 29 12:34:57 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

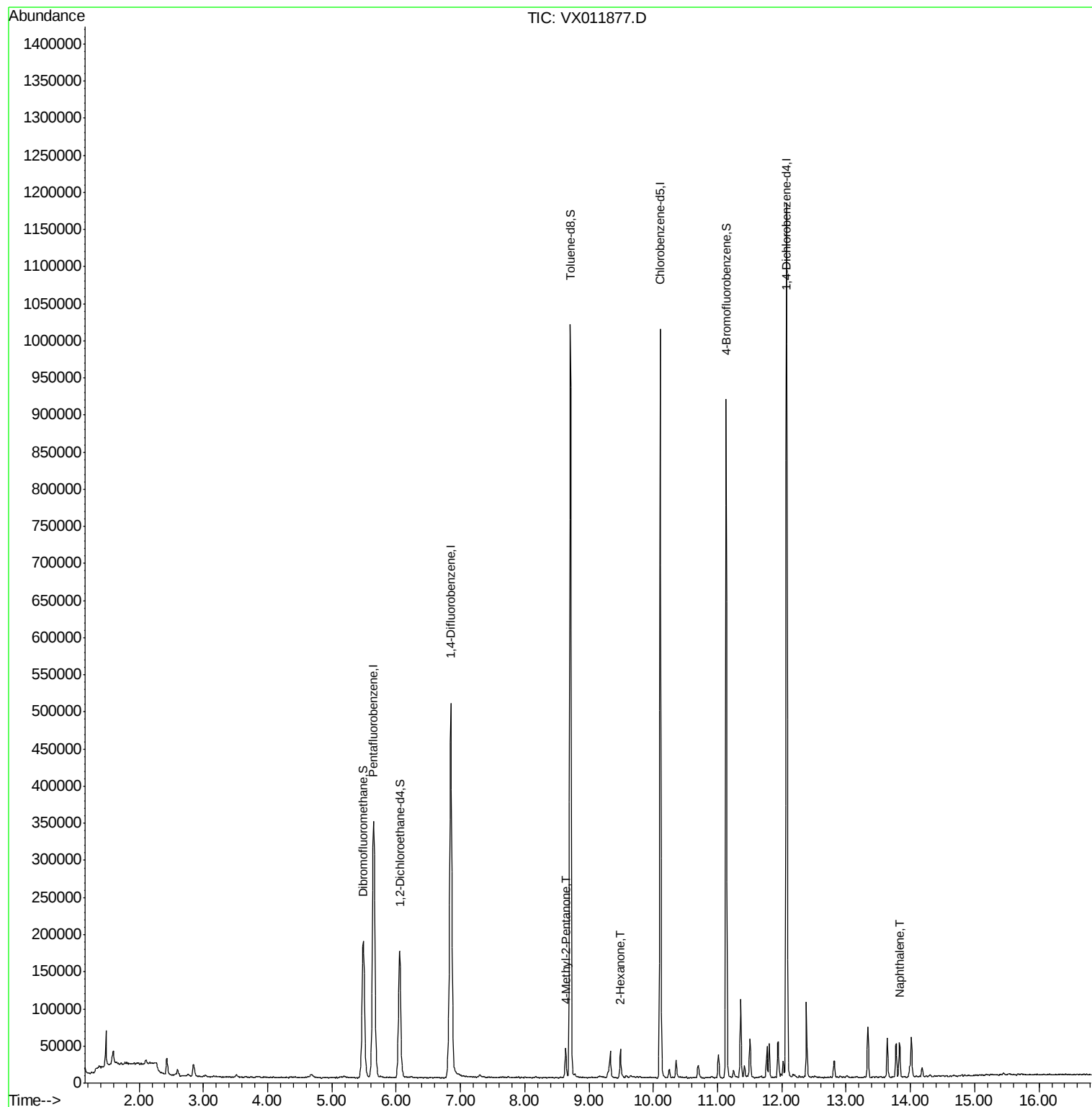
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	360738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	501253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	458402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	163931	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	5.49	113	149614	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	8.71	98	588691	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.13	95	226847	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
Target Compounds						
51) 4-Methyl-2-Pentanone	8.63	43	23966	17.467	ug/l	100
59) 2-Hexanone	9.49	43	22469	25.625	ug/l	96
95) Naphthalene	13.83	128	29684	5.802	ug/l	98

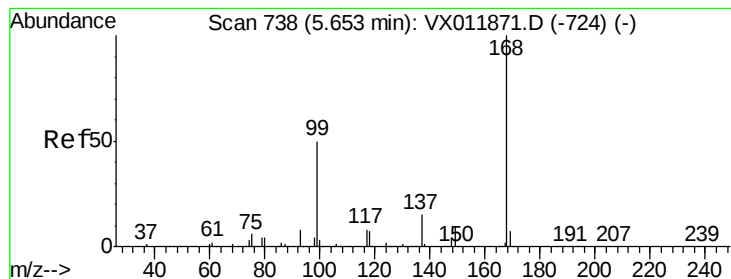
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 737

Delta R.T. -0.01 min

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Acq: 28 Aug 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

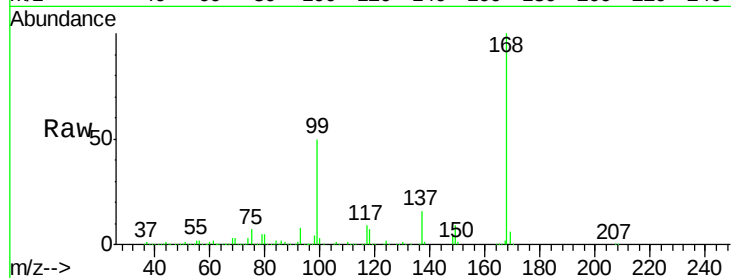
VX0828SBL03

Tot Ion:168 Resp: 360738

Ion Ratio Lower Upper

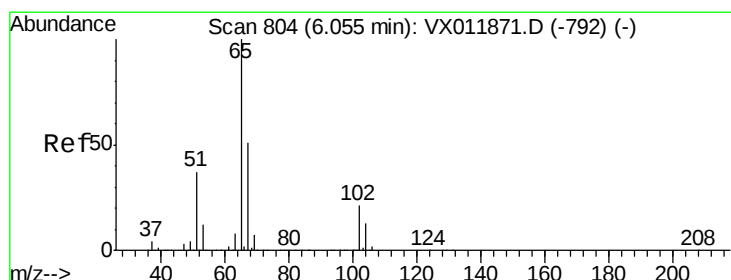
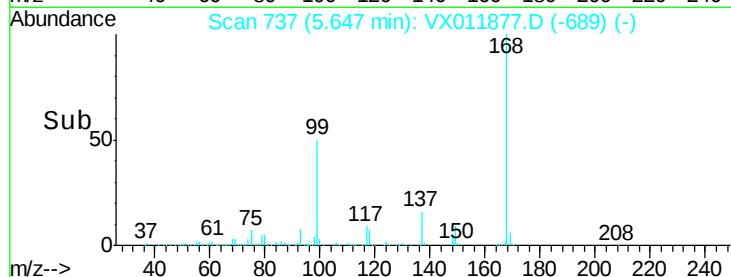
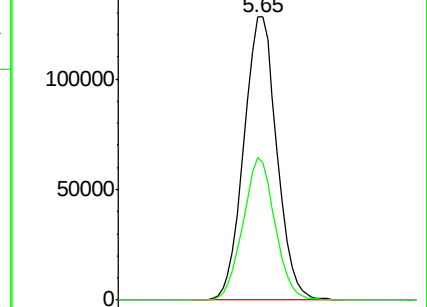
168 100

99 50.2 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.208 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011877.D

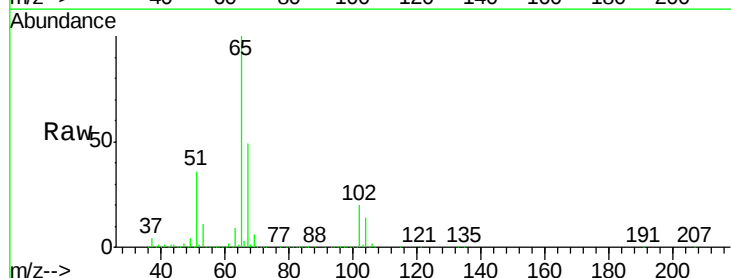
Acq: 28 Aug 2019 19:18

Tgt Ion: 65 Resp: 163931

Ion Ratio Lower Upper

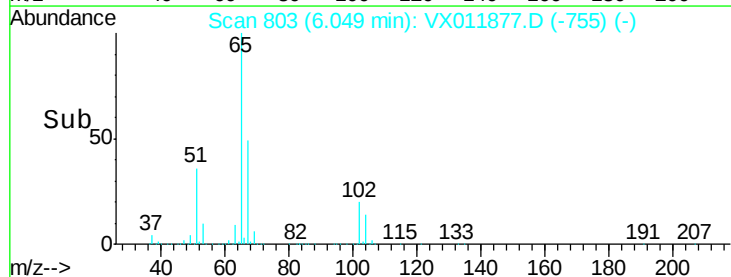
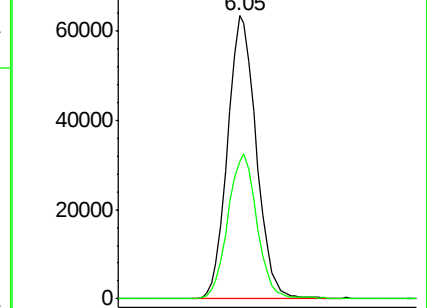
65 100

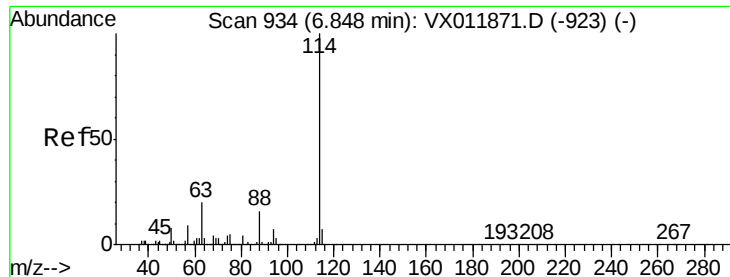
67 51.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. 0.00 min

Lab File: VX011877.D

Acq: 28 Aug 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX0828SBL03

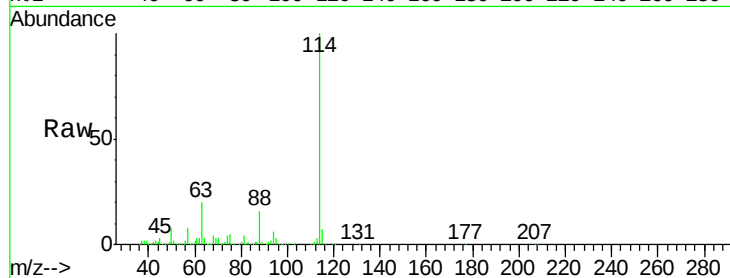
Tot Ion:114 Resp: 501253

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

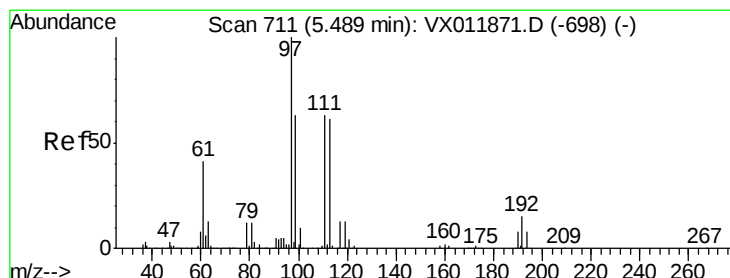
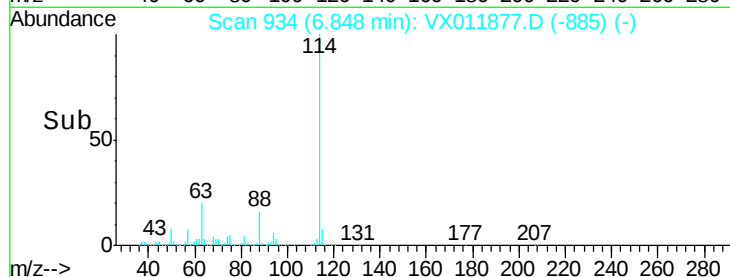
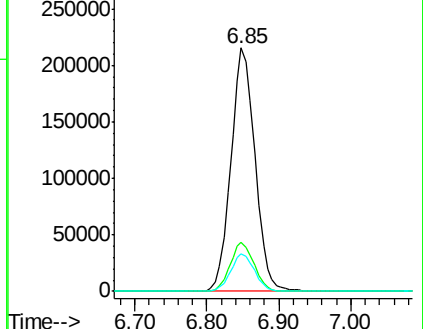
88 15.7 0.0 31.6



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: 49.116 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX011877.D

Acq: 28 Aug 2019 19:18

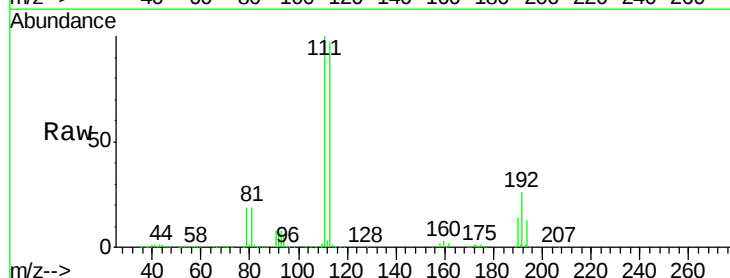
Tgt Ion:113 Resp: 149614

Ion Ratio Lower Upper

113 100

111 102.7 80.9 121.3

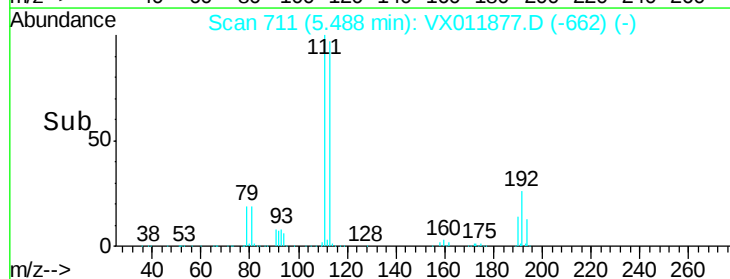
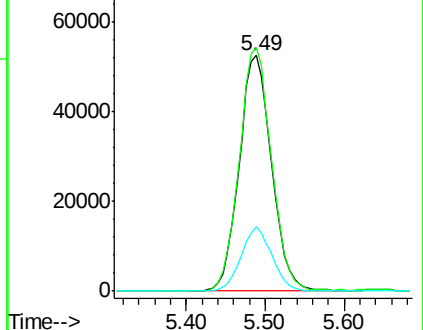
192 26.1 20.6 30.8

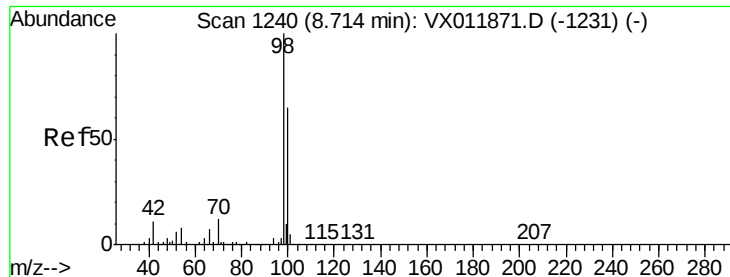


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.916 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011877.D

Acq: 28 Aug 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

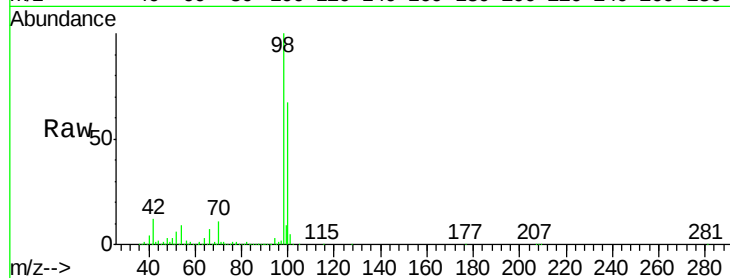
VX0828SBL03

Tot Ion: 98 Resp: 588691

Ion Ratio Lower Upper

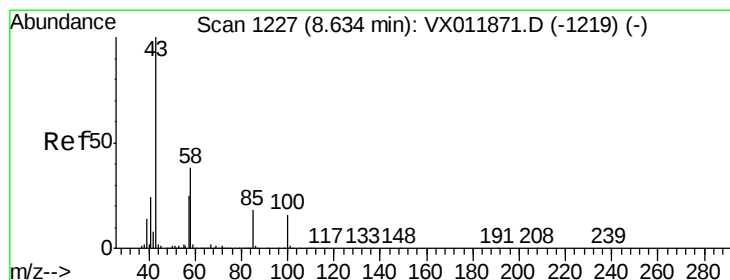
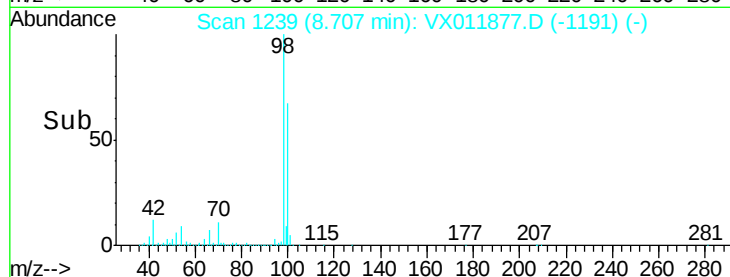
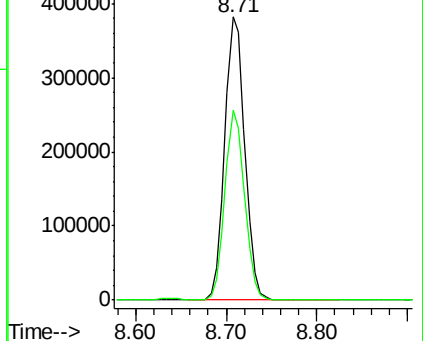
98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 17.467 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VX011877.D

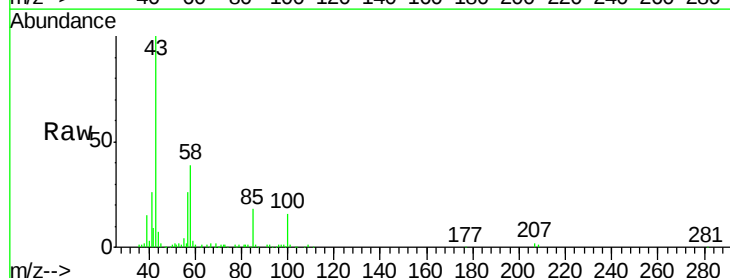
Acq: 28 Aug 2019 19:18

Tgt Ion: 43 Resp: 23966

Ion Ratio Lower Upper

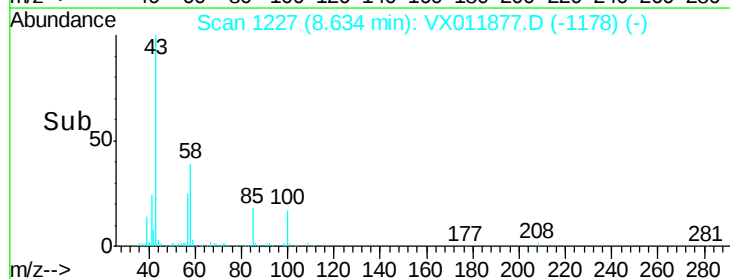
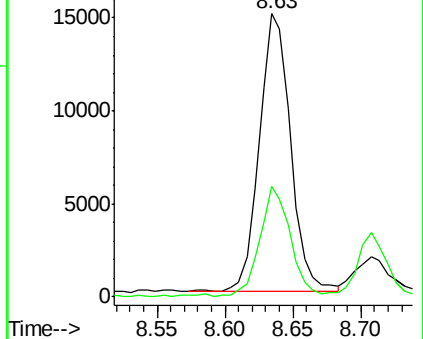
43 100

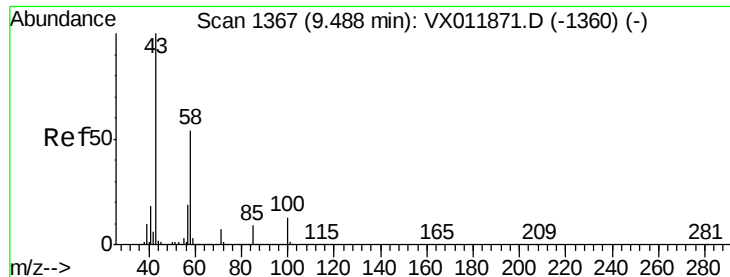
58 38.6 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

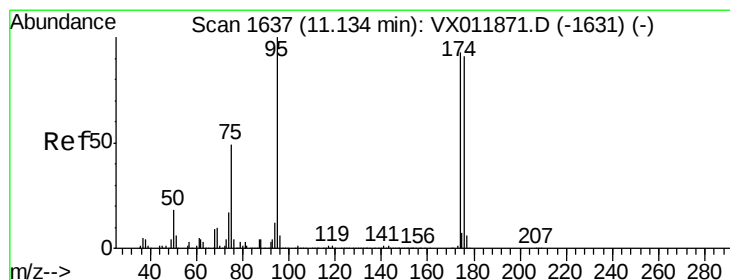
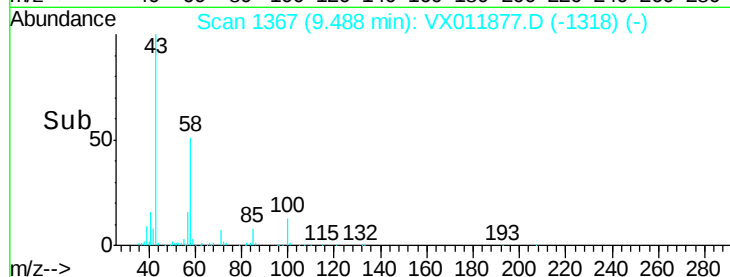
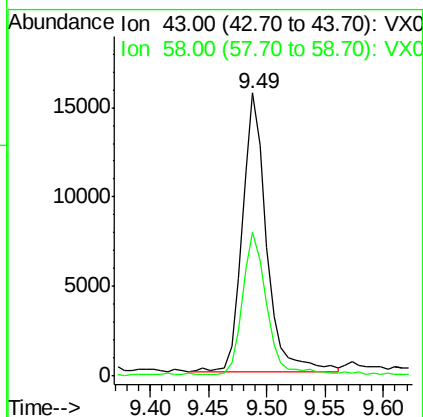
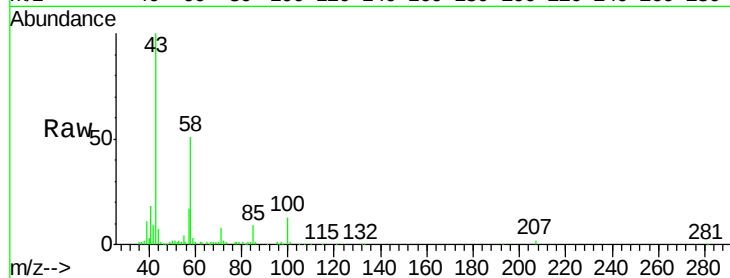




#59
2-Hexanone
Concen: 25.625 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

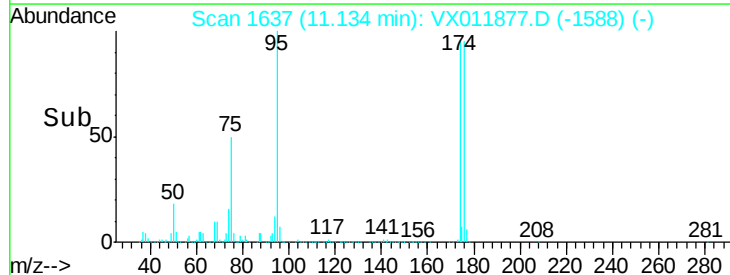
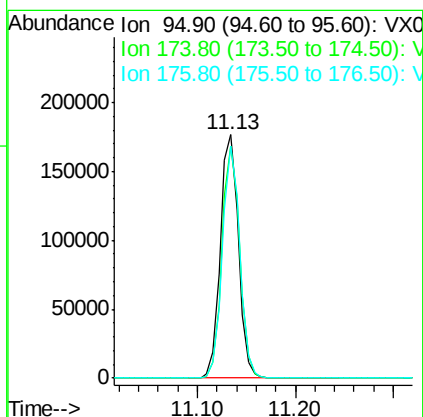
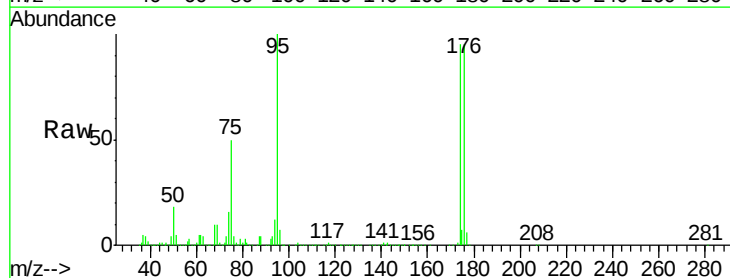
Instrument :
MSVOA_X
ClientSampleId :
VX0828SBL03

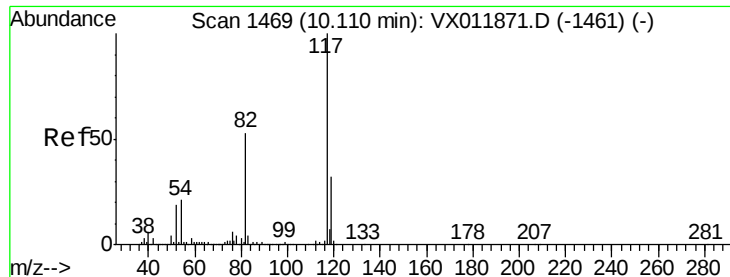
Tot Ion: 43 Resp: 22469
Ion Ratio Lower Upper
43 100
58 50.6 26.7 80.1



#62
4-Bromofluorobenzene
Concen: 50.151 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion: 95 Resp: 226847
Ion Ratio Lower Upper
95 100
174 93.5 0.0 189.2
176 91.8 0.0 185.6

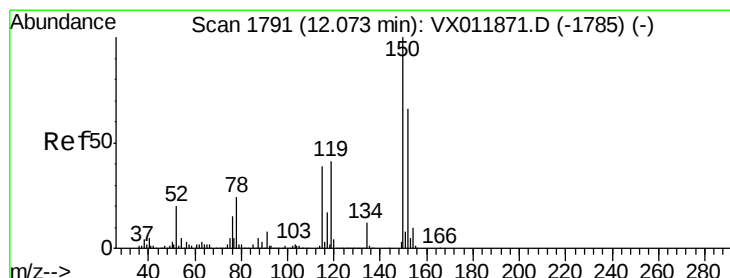
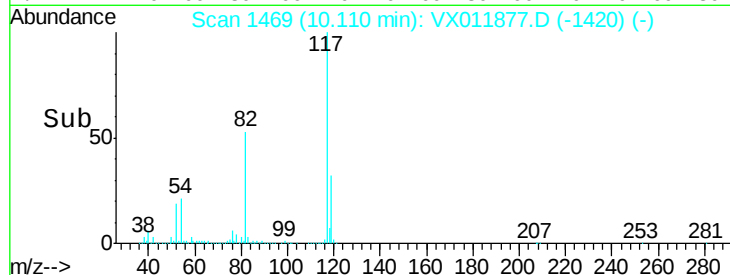
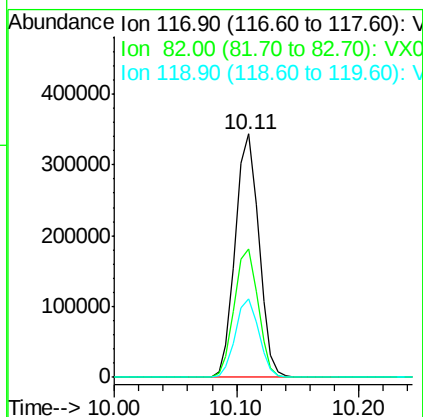
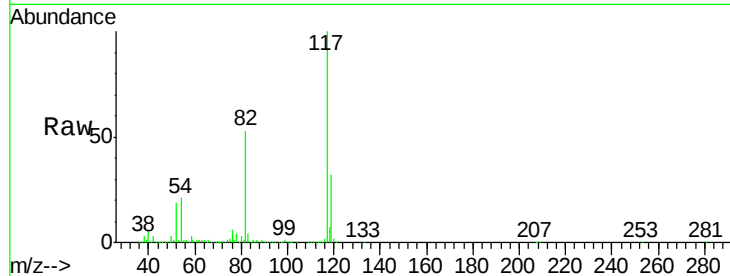




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

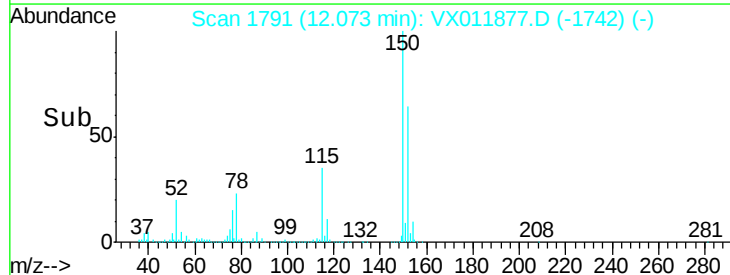
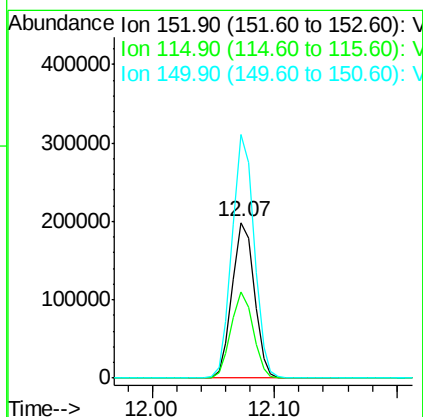
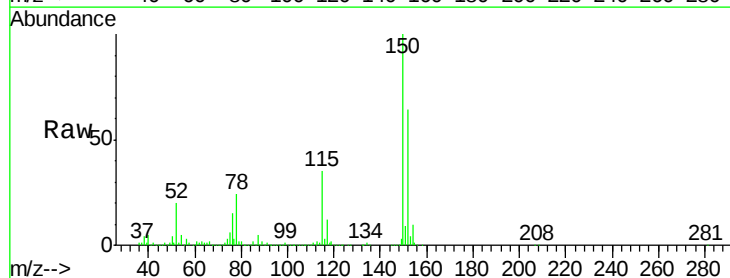
Instrument :
MSVOA_X
ClientSampleId :
VX0828SBL03

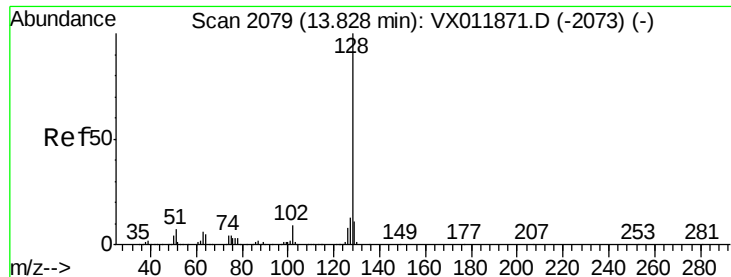
Tot Ion:117 Resp: 458402
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion:152 Resp: 248459
Ion Ratio Lower Upper
152 100
115 55.2 36.0 108.1
150 155.5 0.0 341.4





#95

Naphthalene

Concen: 5.802 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011877.D

Acq: 28 Aug 2019 19:18

Instrument :

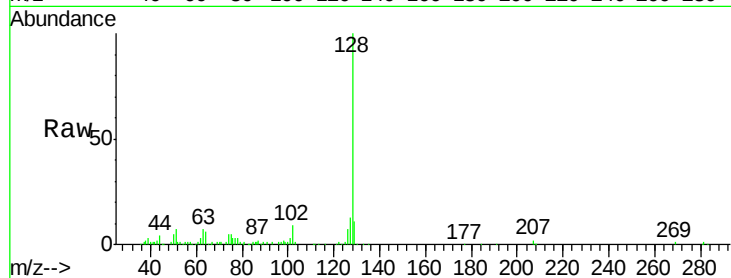
MSVOA_X

ClientSampleId :

VX0828SBL03

Tot Ion:128 Resp: 29684

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	12.2	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

