

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004169.D
 Acq On : 21 Aug 2018 12:19
 Operator : JC/MD
 Sample : J4560-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID61-2(2)

Quant Time: Aug 22 01:30:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	284055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	454750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	442272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226562	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	202785	50.67	ug/l	0.00
Spiked Amount						
			Recovery	=	101.34%	
35) Dibromofluoromethane	5.50	113	174445	51.26	ug/l	0.00
Spiked Amount						
			Recovery	=	102.52%	
50) Toluene-d8	8.71	98	646470	46.85	ug/l	0.00
Spiked Amount						
			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.14	95	213285	42.62	ug/l	0.00
Spiked Amount						
			Recovery	=	85.24%	

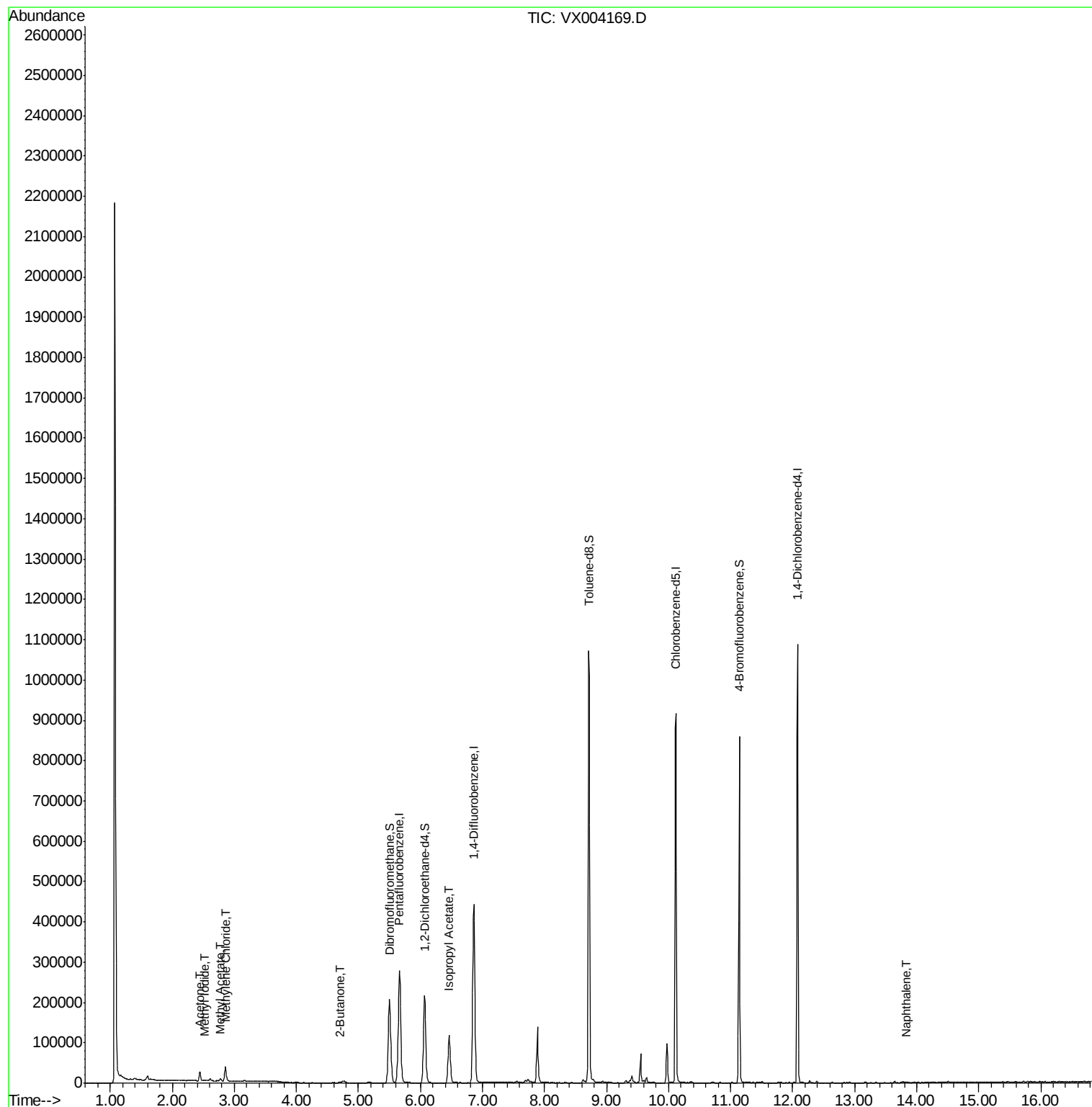
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	1331	5.36	ug/l	99
16) Acetone	2.44	43	23836	11.46	ug/l	98
18) Methyl Acetate	2.78	43	6598	1.43	ug/l	99
20) Methylene Chloride	2.86	84	16273	4.23	ug/l	97
25) 2-Butanone	4.71	43	4481	1.32	ug/l	95
43) Isopropyl Acetate	6.46	43	152258	18.33	ug/l	100
95) Naphthalene	13.83	128	1448	1.23	ug/l	98

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

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CB-0818-S-TCLP-GRID61-2(2)

Quant Time: Aug 22 01:30:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX004169.D

Acq: 21 Aug 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

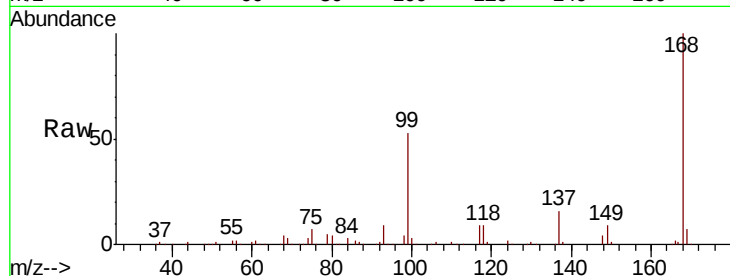
CB-0818-S-TCLP-GRID61-2(2)

Tot Ion:168 Resp: 284055

Ion Ratio Lower Upper

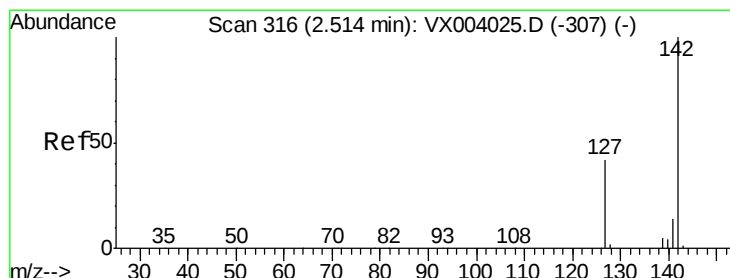
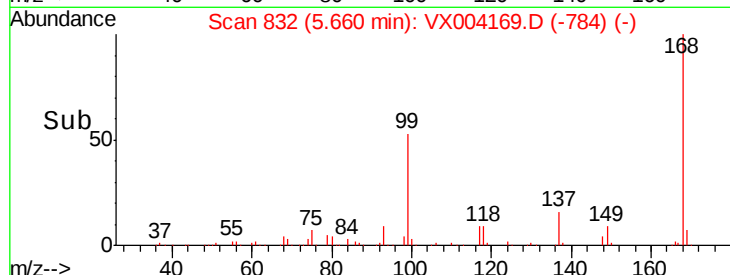
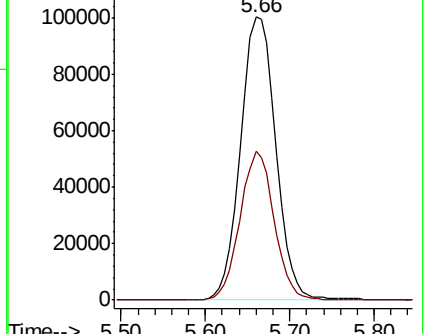
168 100

99 52.8 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 5.36 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004169.D

Acq: 21 Aug 2018 12:19

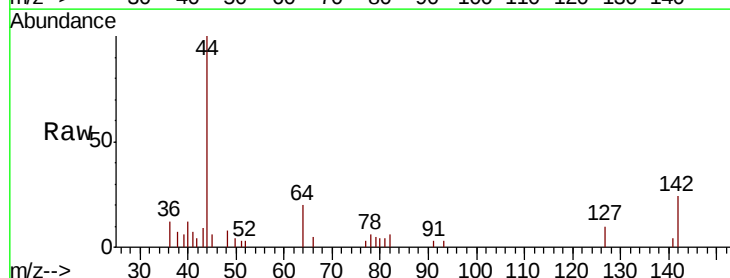
Tgt Ion:142 Resp: 1331

Ion Ratio Lower Upper

142 100

127 41.4 33.1 49.7

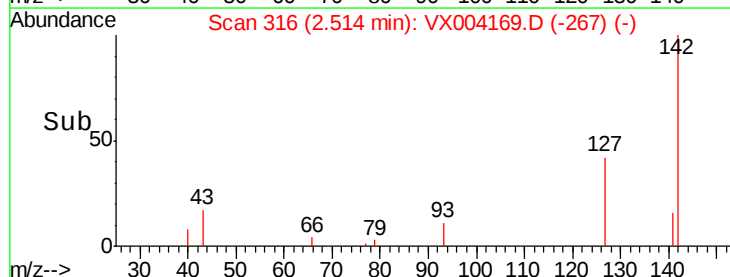
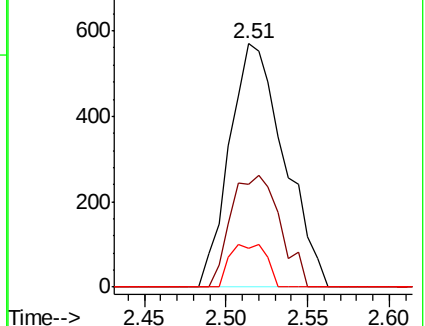
141 11.8 11.1 16.7

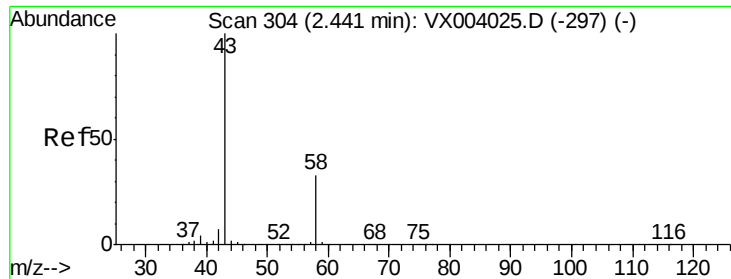


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 11.46 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004169.D

Acq: 21 Aug 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

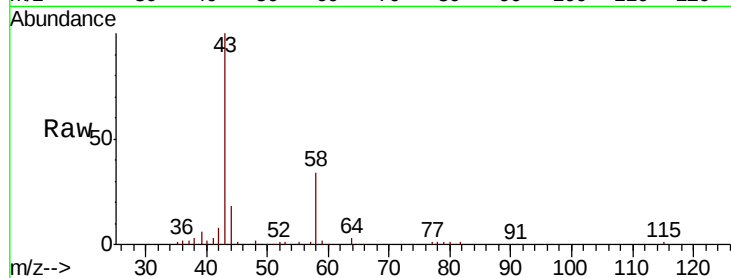
CB-0818-S-TCLP-GRID61-2(2)

Tot Ion: 43 Resp: 23836

Ion Ratio Lower Upper

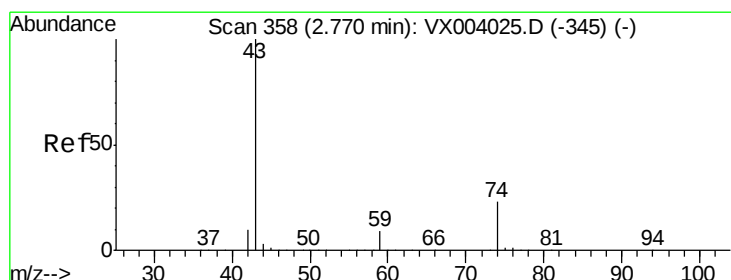
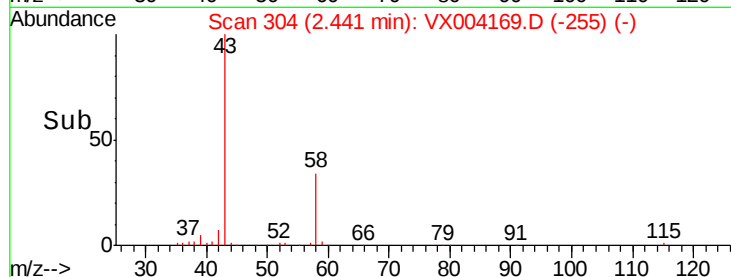
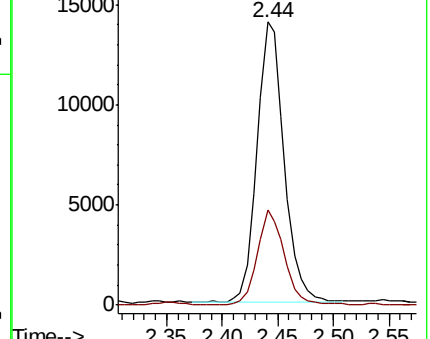
43 100

58 34.0 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 1.43 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.01 min

Lab File: VX004169.D

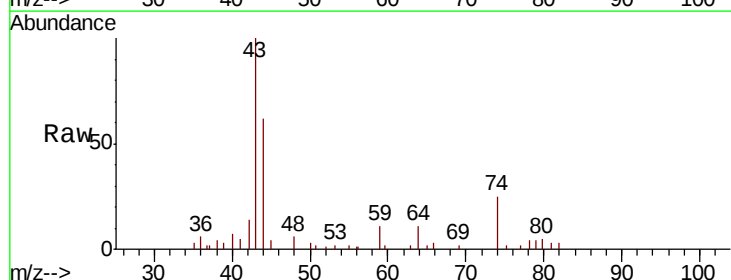
Acq: 21 Aug 2018 12:19

Tgt Ion: 43 Resp: 6598

Ion Ratio Lower Upper

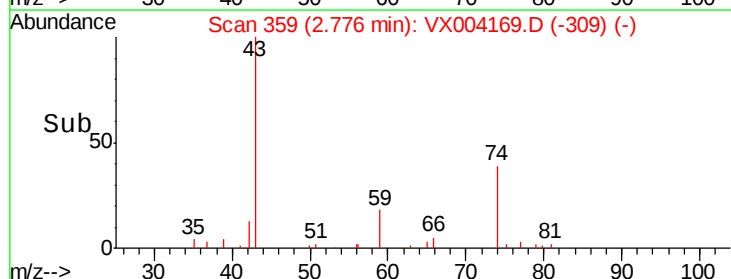
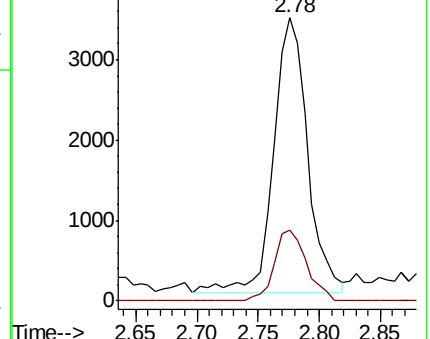
43 100

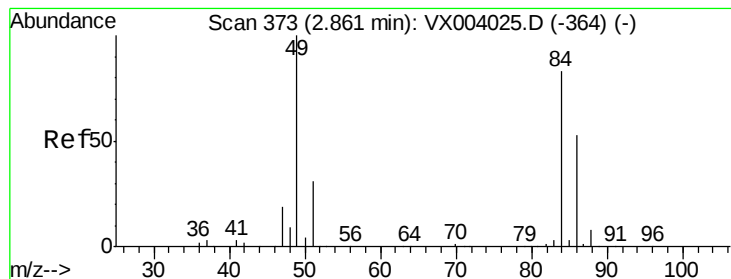
74 24.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methvlene Chloride

Concen: 4.23 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX004169.D

Acq: 21 Aug 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID61-2(2)

Tot Ion: 84 Resp: 16273

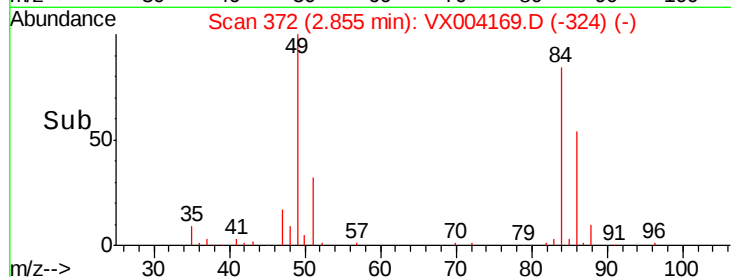
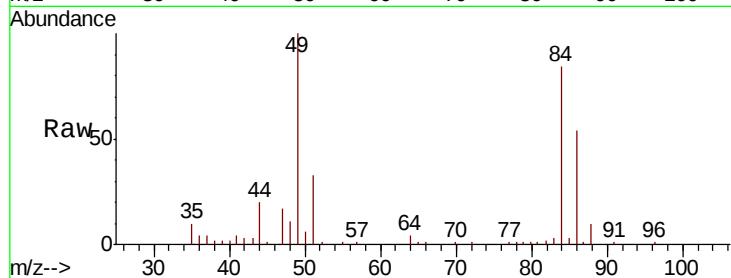
Ion Ratio Lower Upper

84 100

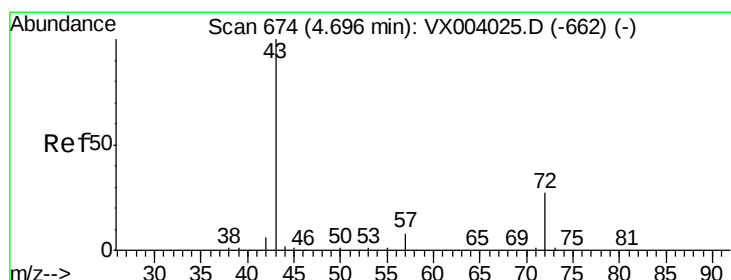
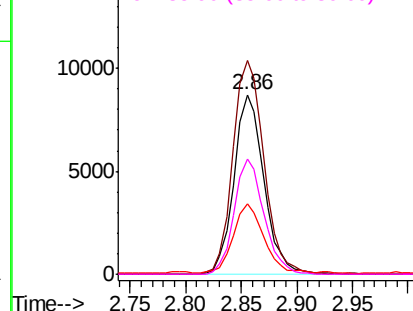
49 119.2 98.9 148.3

51 38.3 29.9 44.9

86 64.5 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 1.32 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004169.D

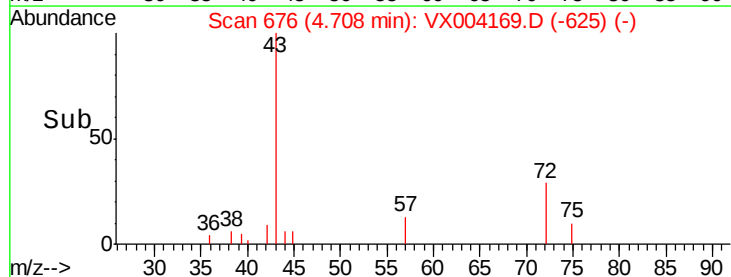
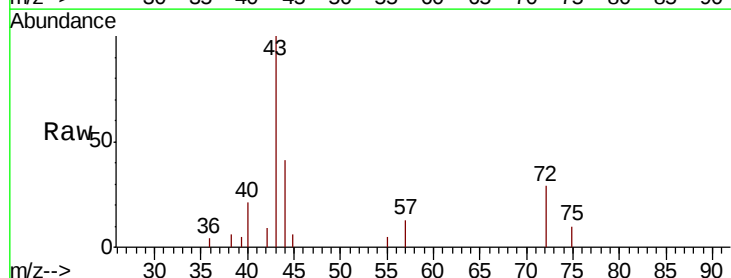
Acq: 21 Aug 2018 12:19

Tgt Ion: 43 Resp: 4481

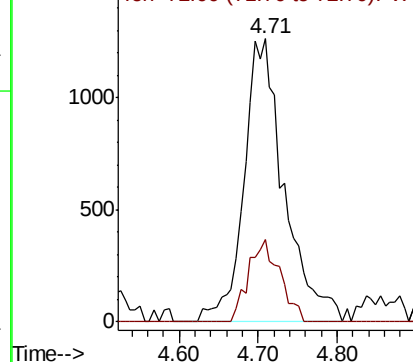
Ion Ratio Lower Upper

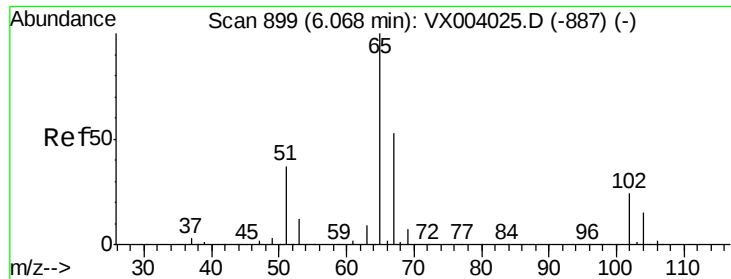
43 100

72 29.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.67 ug/l

RT: 6.06 min Scan# 898

Delta R.T. -0.01 min

Lab File: VX004169.D

Acq: 21 Aug 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

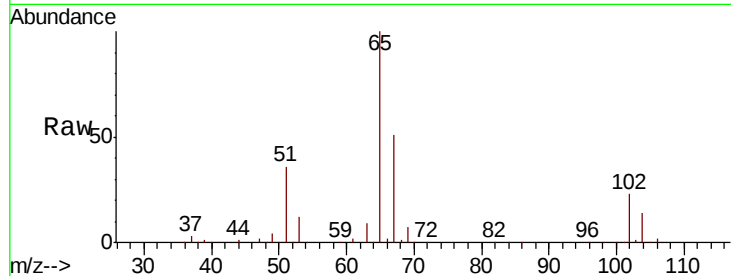
CB-0818-S-TCLP-GRID61-2(2)

Tot Ion: 65 Resp: 202785

Ion Ratio Lower Upper

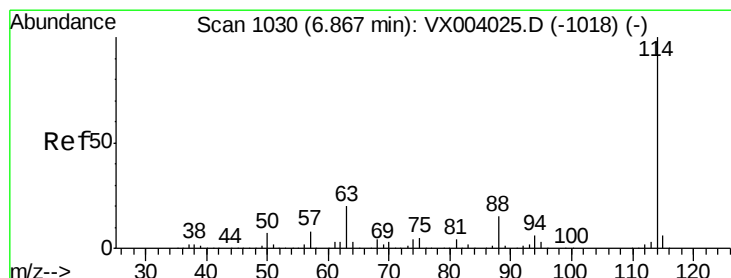
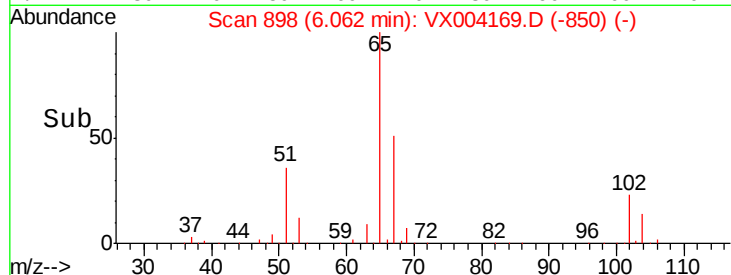
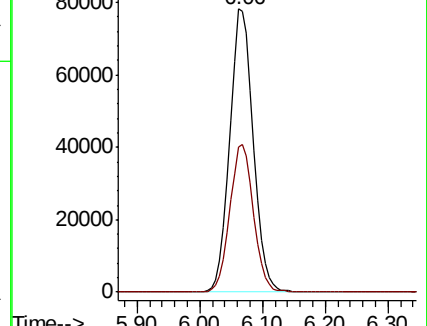
65 100

67 52.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX004169.D

Acq: 21 Aug 2018 12:19

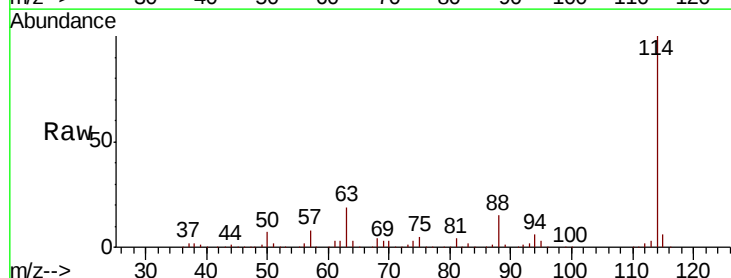
Tgt Ion: 114 Resp: 454750

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

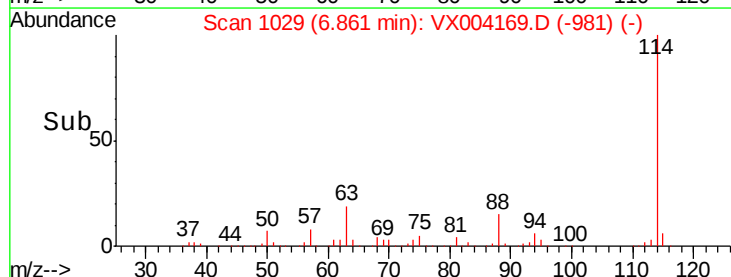
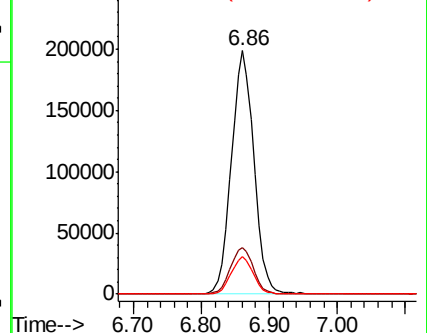
88 15.3 0.0 32.0

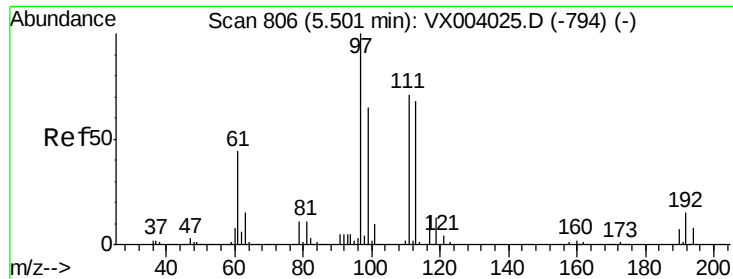


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

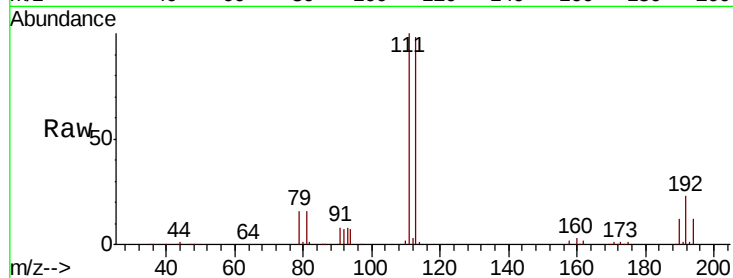




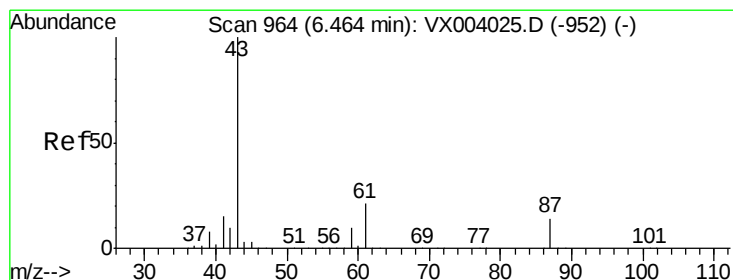
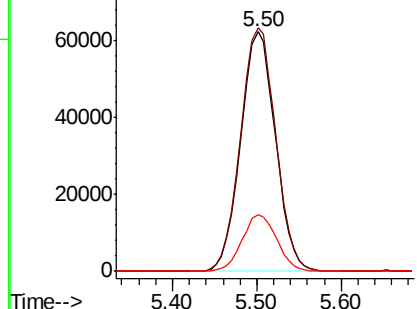
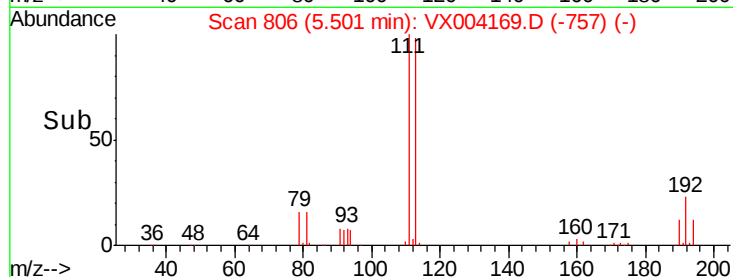
#35
 Dibromofluoromethane
 Concen: 51.26 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004169.D
 Acq: 21 Aug 2018 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID61-2(2)

Tot Ion:113 Resp: 174445
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 23.5 19.0 28.4

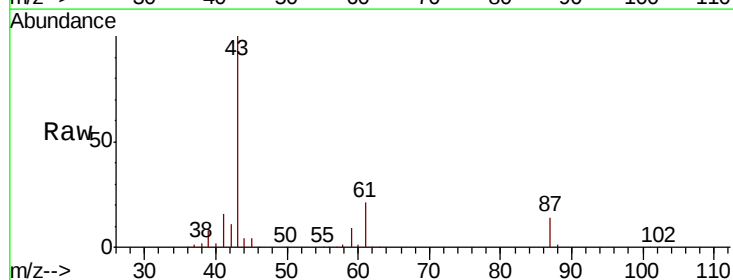


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

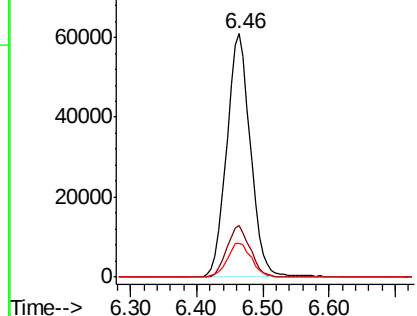
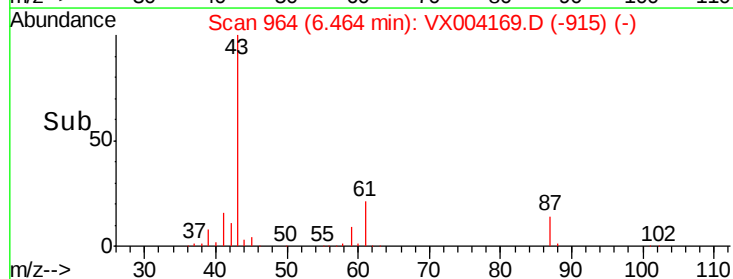


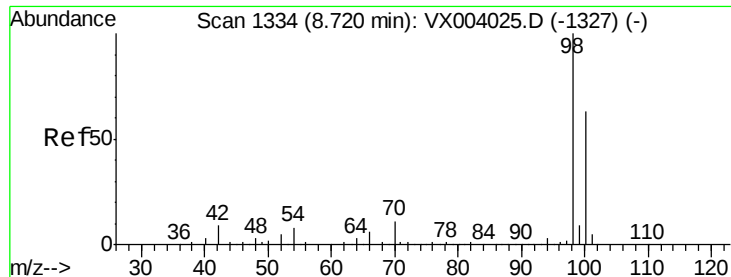
#43
 Isopropyl Acetate
 Concen: 18.33 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004169.D
 Acq: 21 Aug 2018 12:19

Tgt Ion: 43 Resp: 152258
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.9 25.3
 87 14.1 11.3 16.9



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: 46.85 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004169.D

Acq: 21 Aug 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

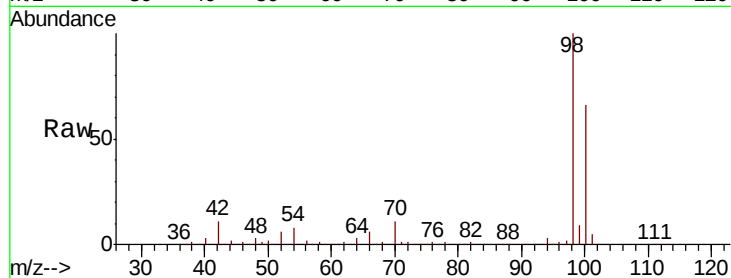
CB-0818-S-TCLP-GRID61-2(2)

Tot Ion: 98 Resp: 646470

Ion Ratio Lower Upper

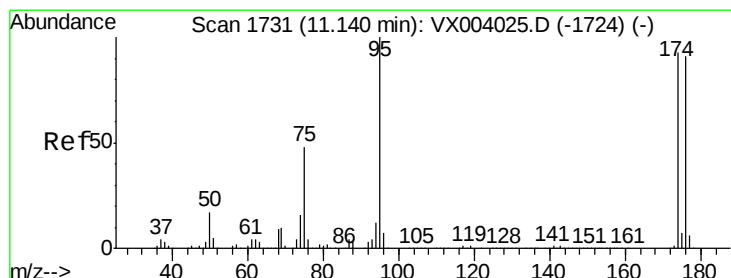
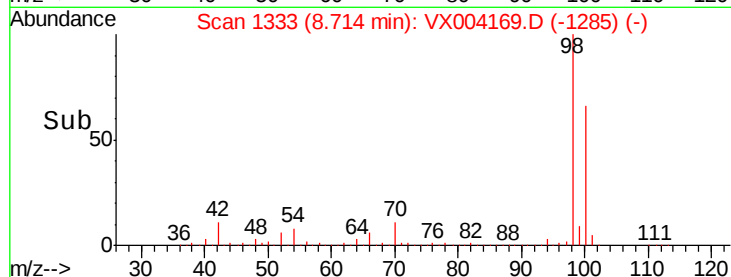
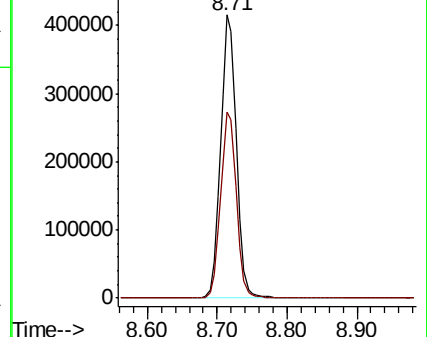
98 100

100 65.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 42.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004169.D

Acq: 21 Aug 2018 12:19

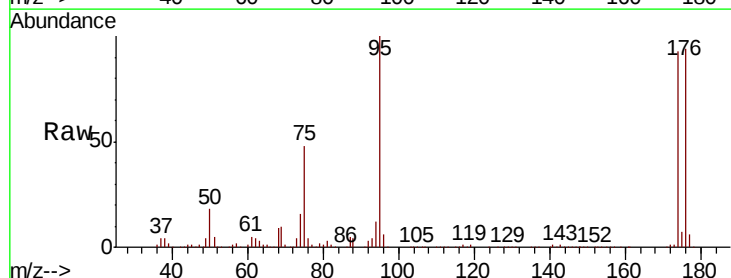
Tgt Ion: 95 Resp: 213285

Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.8

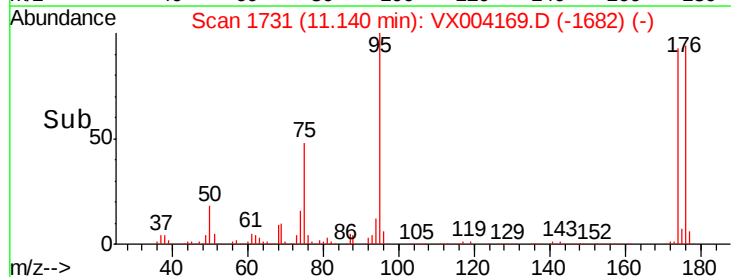
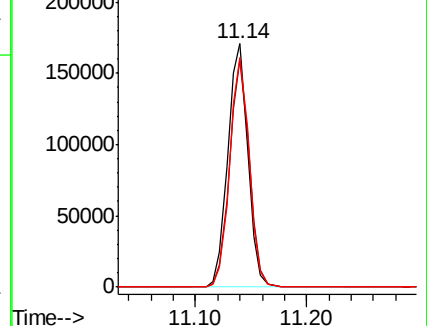
176 91.7 0.0 179.0

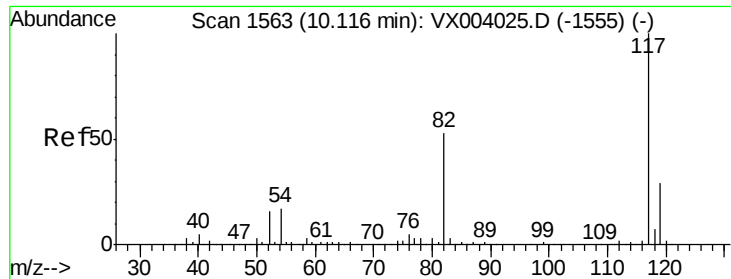


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

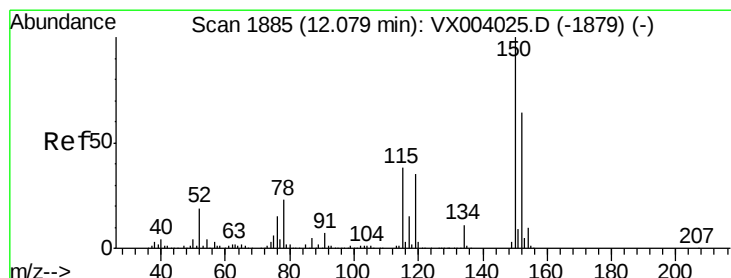
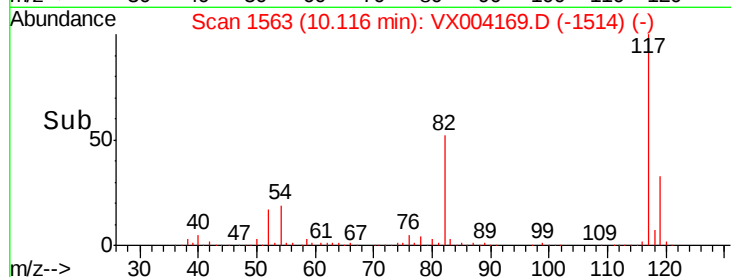
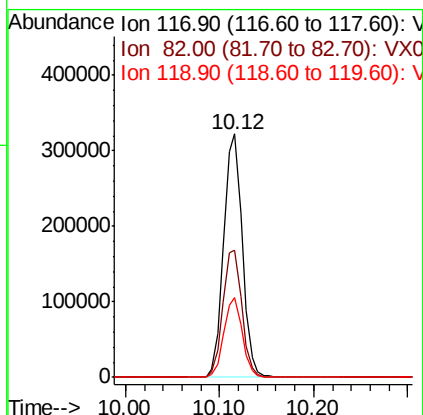
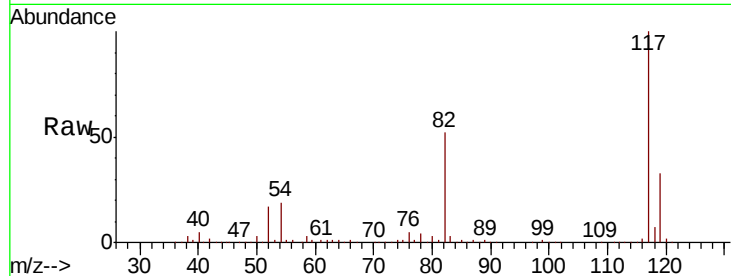




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004169.D
Acq: 21 Aug 2018 12:19

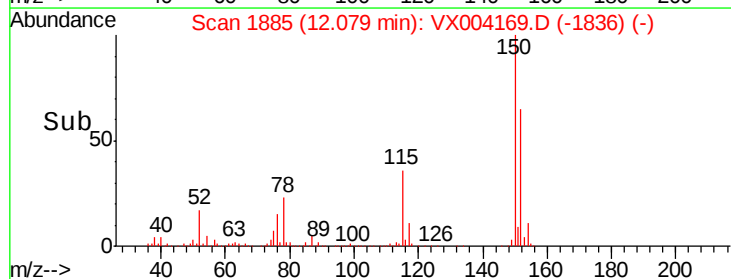
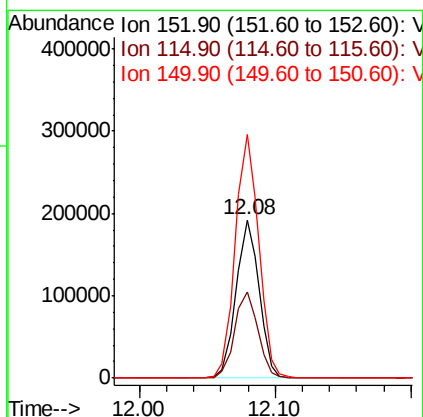
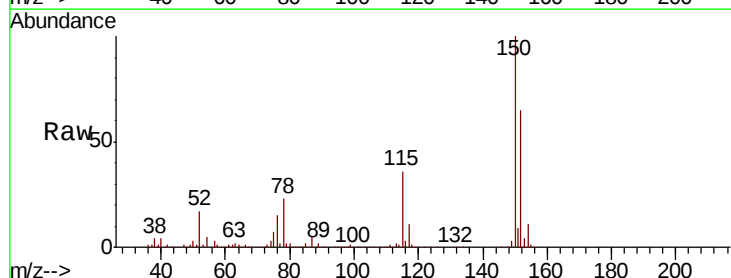
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID61-2(2)

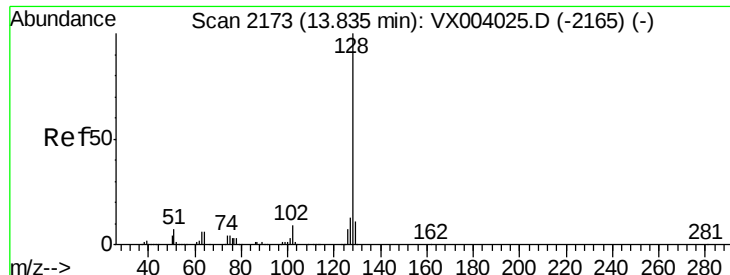
Tot Ion:117 Resp: 442272
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.0
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004169.D
Acq: 21 Aug 2018 12:19

Tgt Ion:152 Resp: 226562
Ion Ratio Lower Upper
152 100
115 55.0 39.1 117.3
150 156.8 0.0 349.2

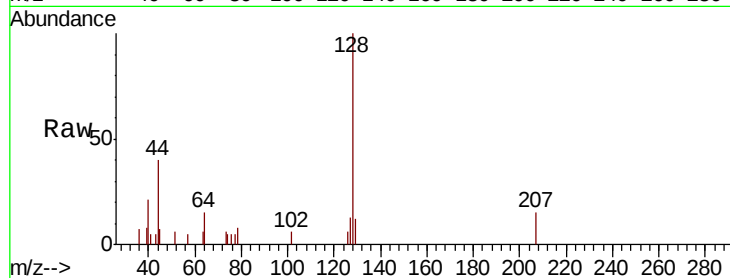




#95
Naphthalene
Concen: 1.23 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004169.D
Acq: 21 Aug 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID61-2(2)

Tot Ion:128 Resp: 1448
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 9.7 8.8 13.2



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

