

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014335.D
 Acq On : 28 Dec 2019 02:36
 Operator : JC/SP
 Sample : K6431-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4-(5-6)-TCLP

Quant Time: Dec 30 07:01:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

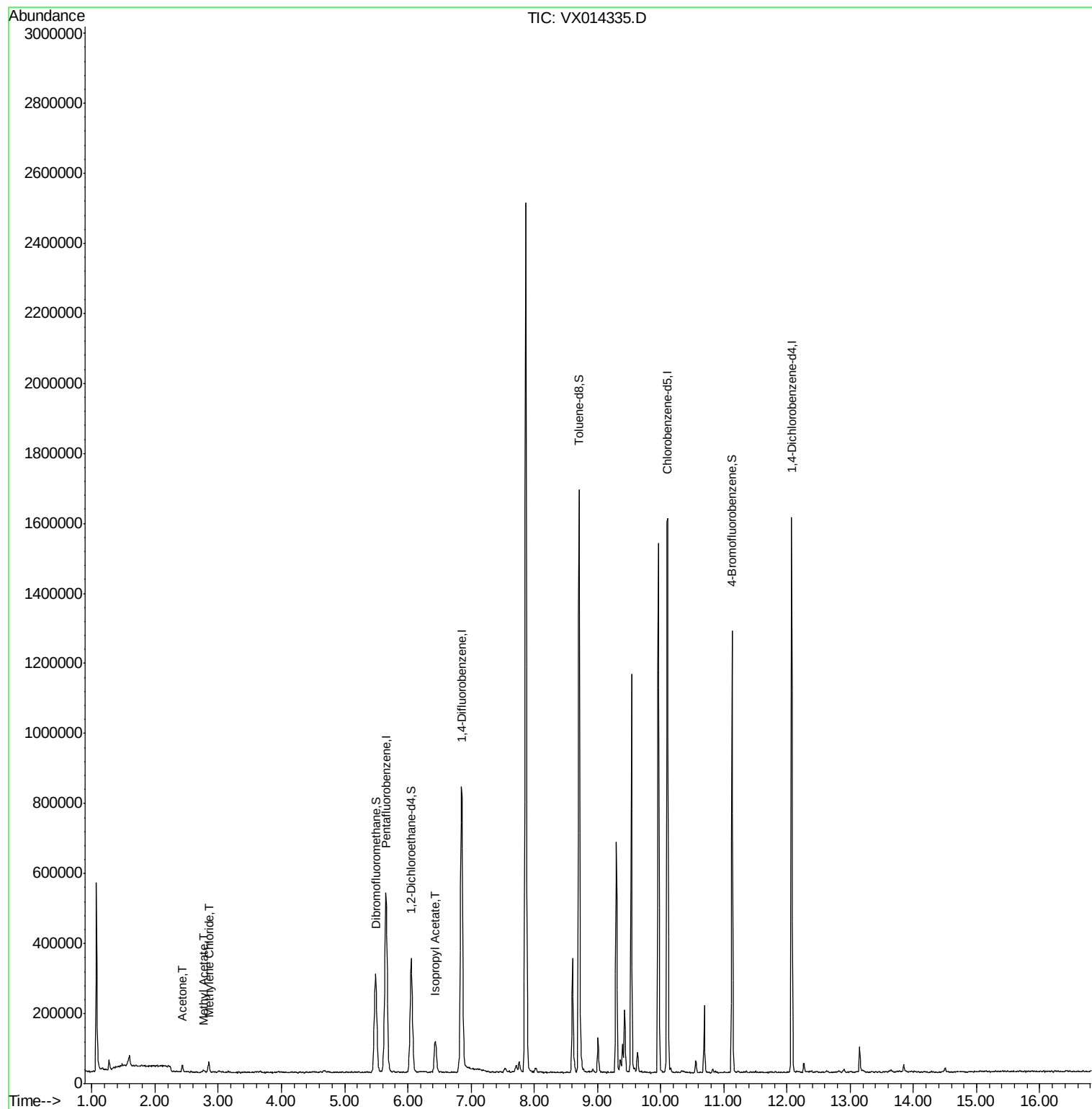
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	526711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	822032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	749017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	334615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	294911	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	5.49	113	245078	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	994173	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.13	95	335098	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
16) Acetone	2.43	43	19285	4.976	ug/l	97
18) Methyl Acetate	2.76	43	9333	1.215	ug/l	97
20) Methylene Chloride	2.85	84	13284	2.177	ug/l	94
43) Isopropyl Acetate	6.43	43	124181	9.009	ug/l	99

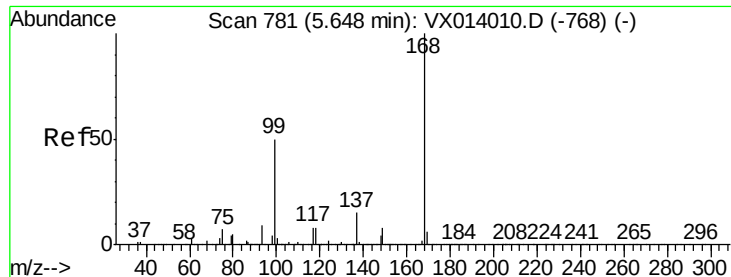
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122719\
Data File : VX014335.D
Acq On : 28 Dec 2019 02:36
Operator : JC/SP
Sample : K6431-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-4-(5-6)-TCLP

Quant Time: Dec 30 07:01:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014335.D

Acq: 28 Dec 2019 02:36

Instrument :

MSVOA_X

ClientSampleId :

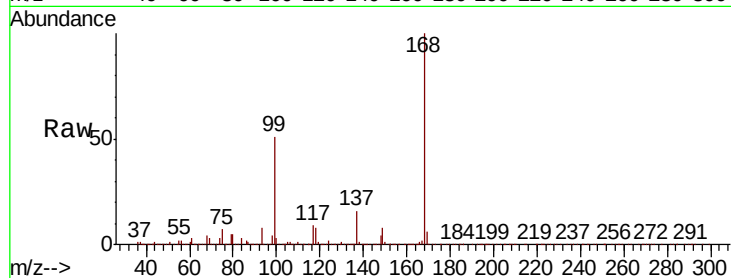
SB-4-(5-6)-TCLP

Tot Ion:168 Resp: 526711

Ion Ratio Lower Upper

168 100

99 51.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

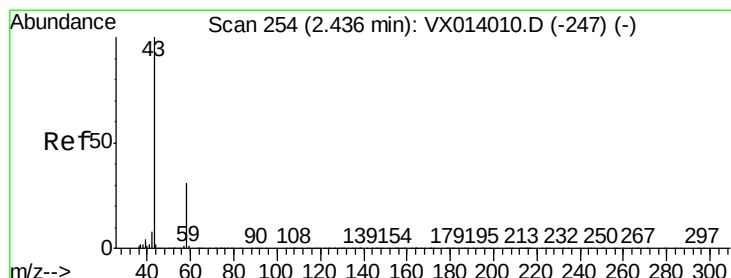
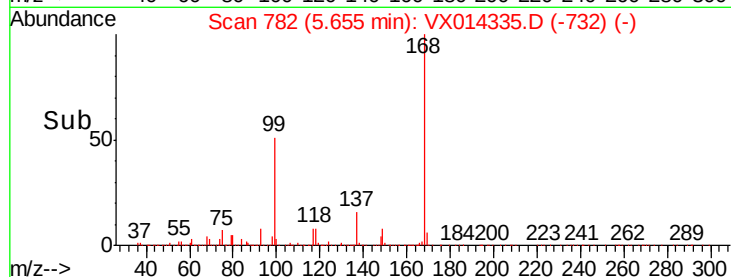
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.976 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014335.D

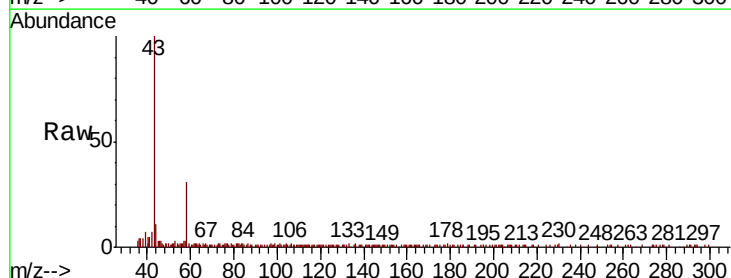
Acq: 28 Dec 2019 02:36

Tgt Ion: 43 Resp: 19285

Ion Ratio Lower Upper

43 100

58 29.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

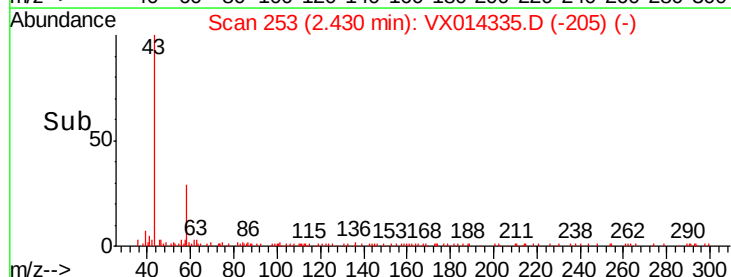
2.43

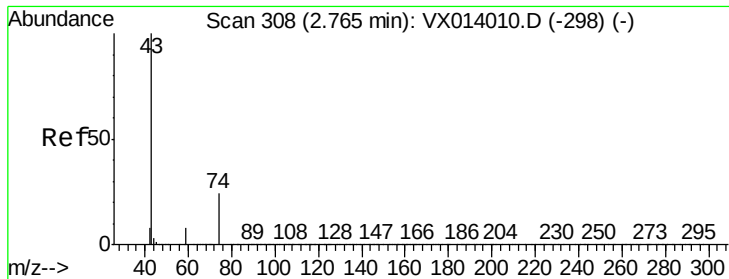
10000

5000

0

Time-->

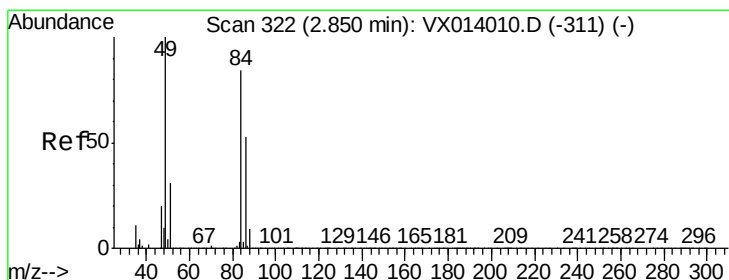
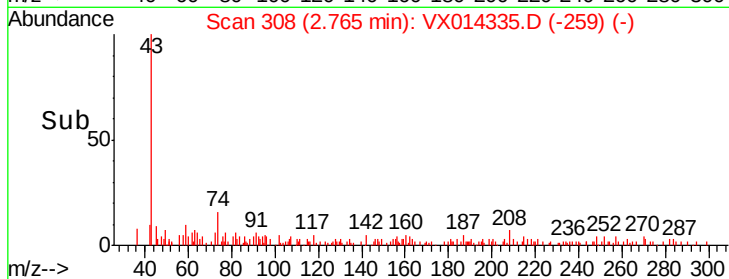
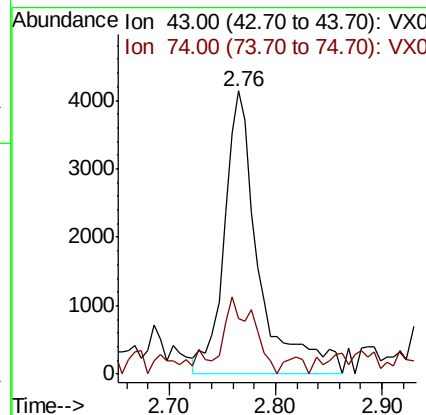
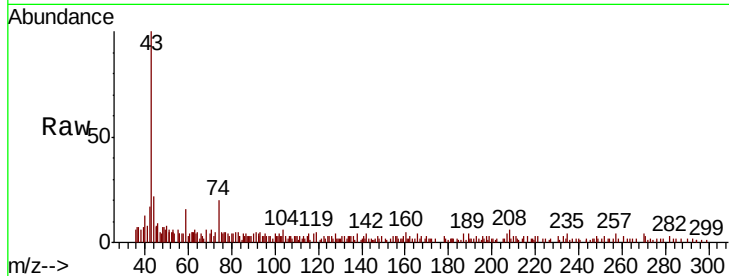




#18
Methvl Acetate
Concen: 1.215 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014335.D
Acq: 28 Dec 2019 02:36

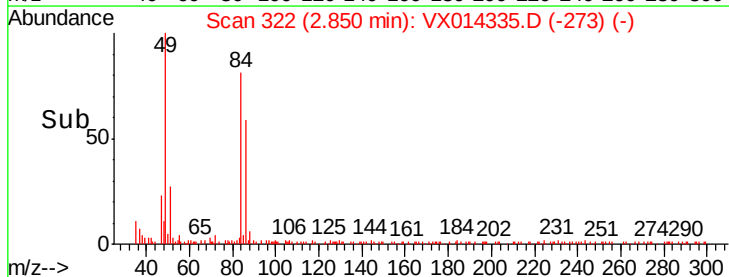
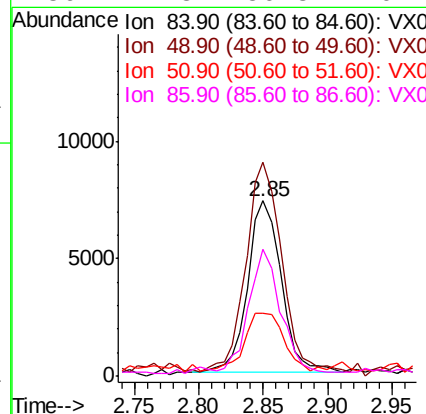
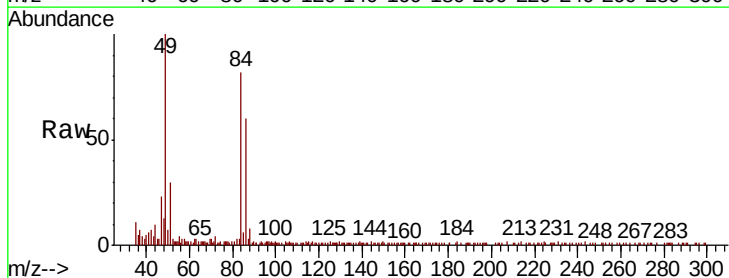
Instrument :
MSVOA_X
ClientSampleId :
SB-4-(5-6)-TCLP

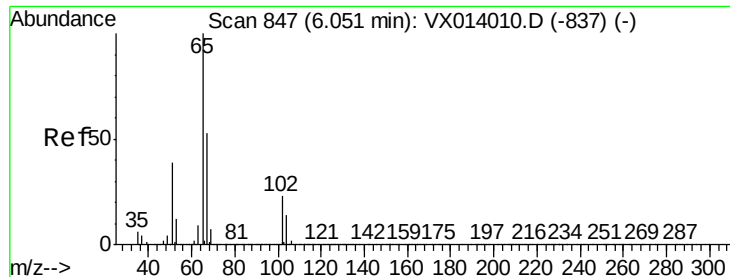
Tot Ion: 43 Resp: 9333
Ion Ratio Lower Upper
43 100
74 22.8 19.5 29.3



#20
Methylene Chloride
Concen: 2.177 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014335.D
Acq: 28 Dec 2019 02:36

Tgt Ion: 84 Resp: 13284
Ion Ratio Lower Upper
84 100
49 120.8 95.8 143.6
51 30.4 29.8 44.8
86 72.3 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 49.403 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014335.D

Acq: 28 Dec 2019 02:36

Instrument :

MSVOA_X

ClientSampleId :

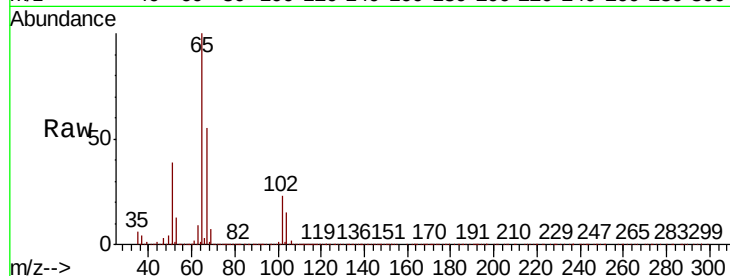
SB-4-(5-6)-TCLP

Tot Ion: 65 Resp: 294911

Ion Ratio Lower Upper

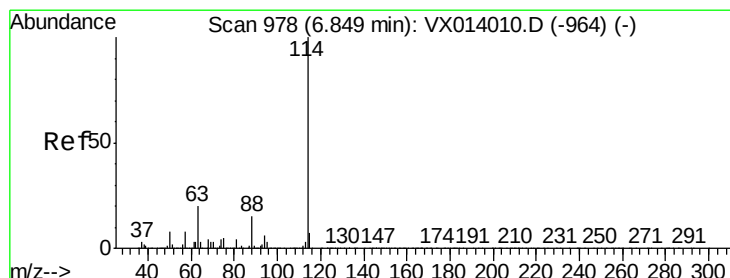
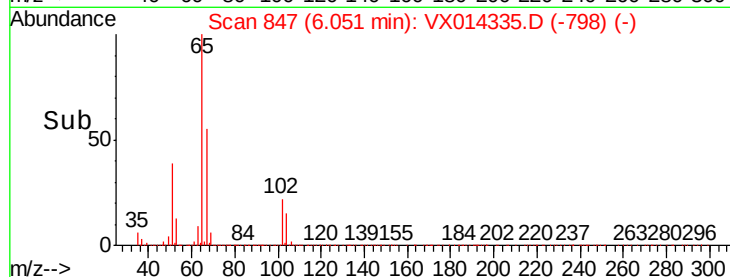
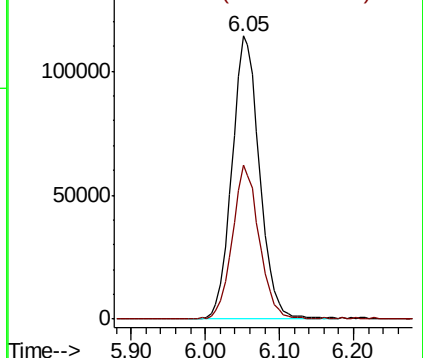
65 100

67 53.3 0.0 106.4



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# 978

Delta R.T. 0.00 min

Lab File: VX014335.D

Acq: 28 Dec 2019 02:36

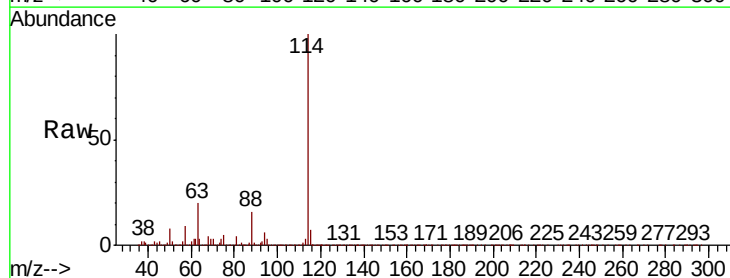
Tgt Ion: 114 Resp: 822032

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

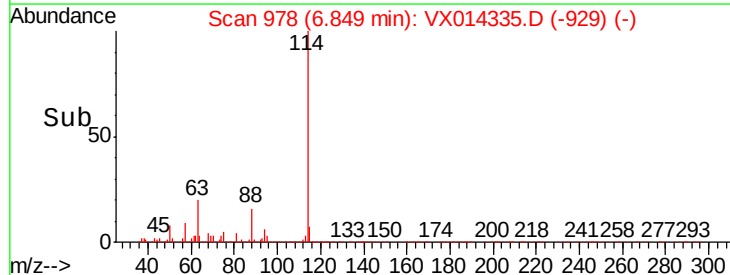
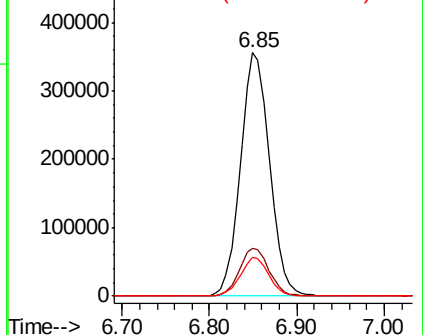
88 15.9 0.0 30.4

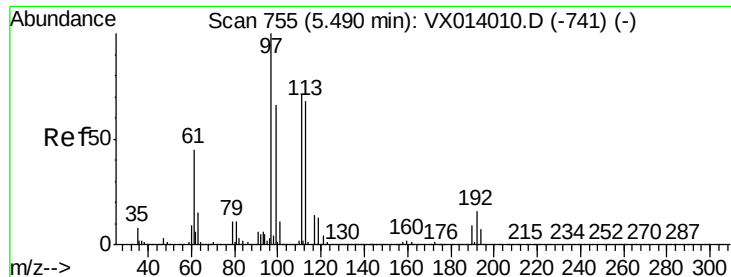


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

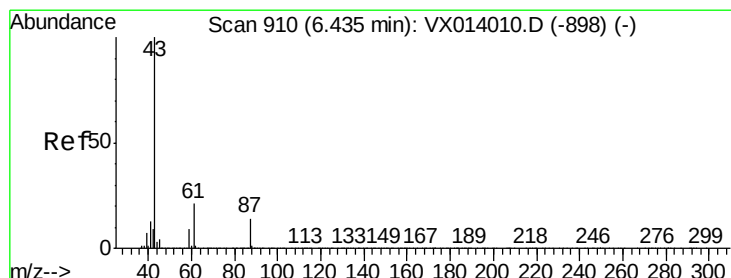
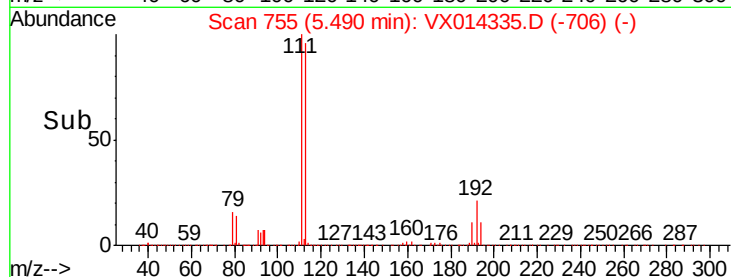
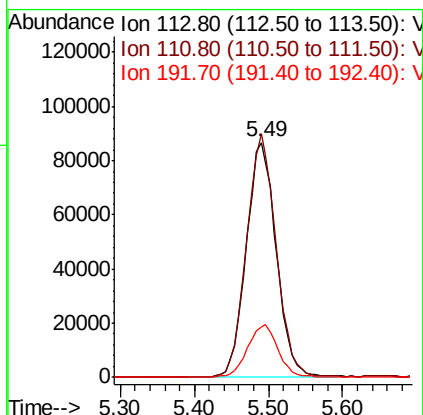
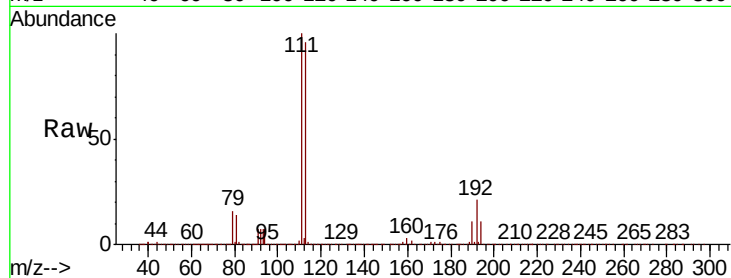




#35
 Dibromofluoromethane
 Concen: 49.045 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014335.D
 Acq: 28 Dec 2019 02:36

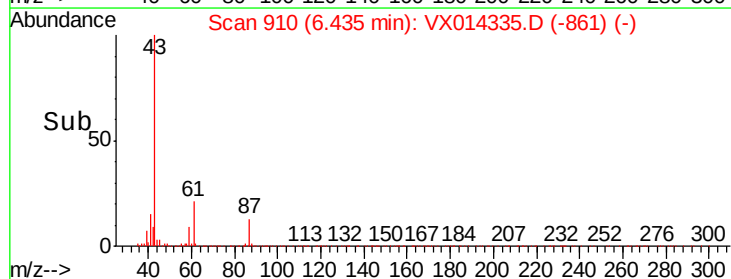
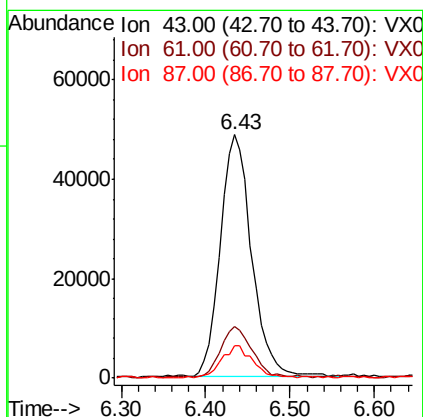
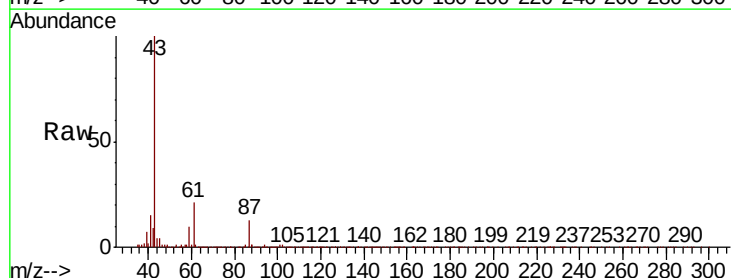
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4-(5-6)-TCLP

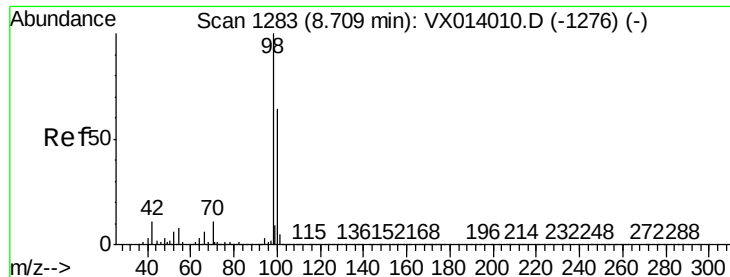
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	22.8	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 9.009 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014335.D
 Acq: 28 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.4	24.6
87	13.1	10.7	16.1

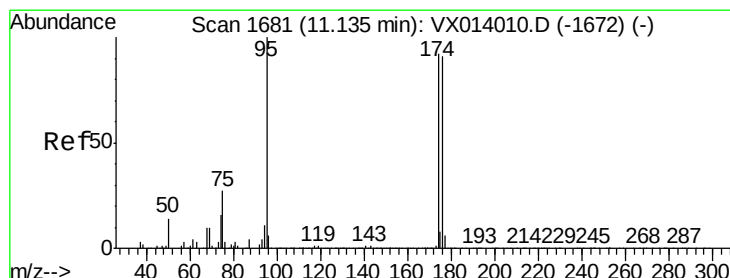
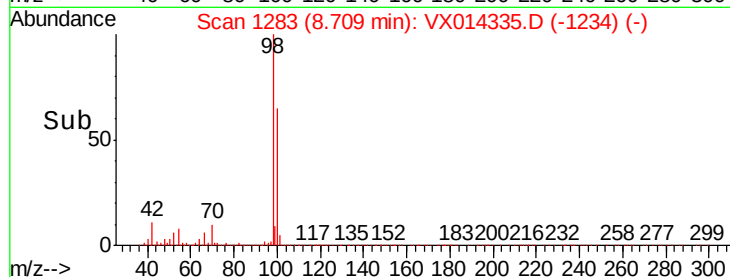
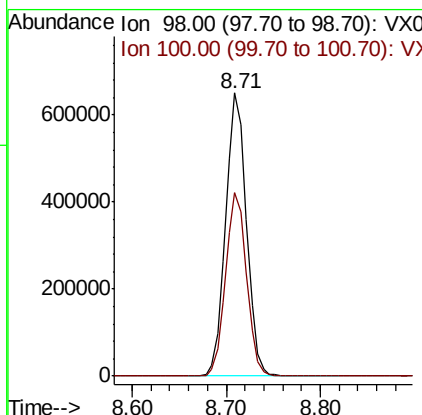
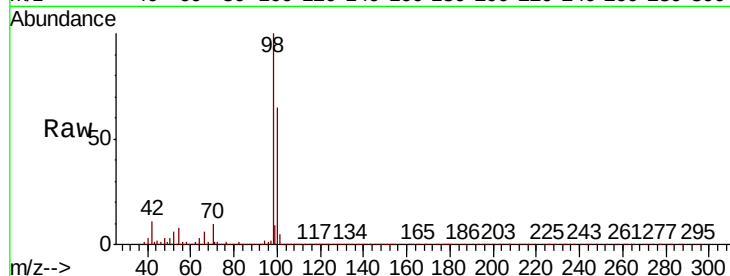




#50
Toluene-d8
Concen: 51.102 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014335.D
Acq: 28 Dec 2019 02:36

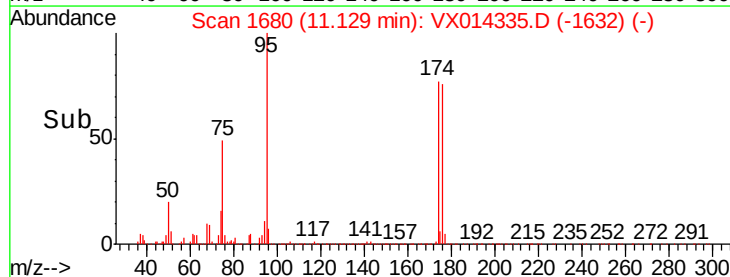
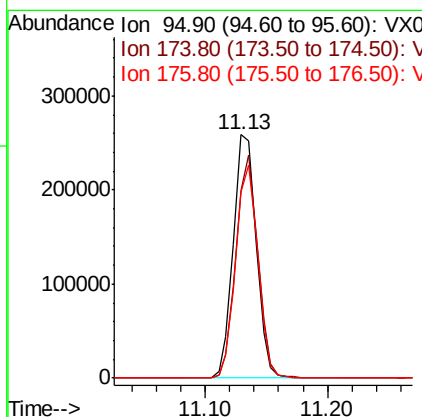
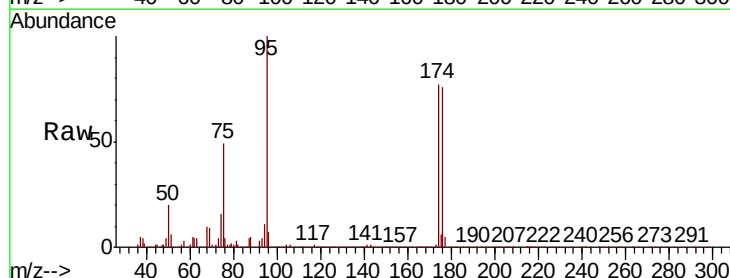
Instrument :
MSVOA_X
ClientSampleId :
SB-4-(5-6)-TCLP

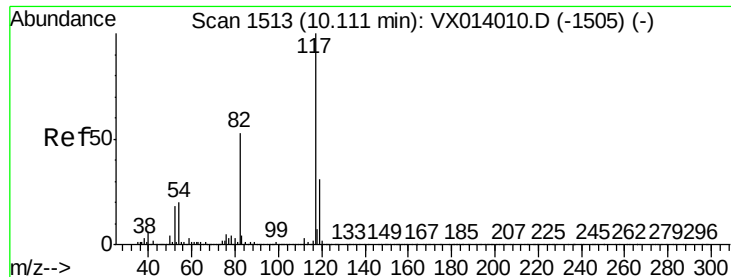
Tot Ion: 98 Resp: 994173
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.120 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014335.D
Acq: 28 Dec 2019 02:36

Tgt Ion: 95 Resp: 335098
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.8
176 84.8 0.0 173.0

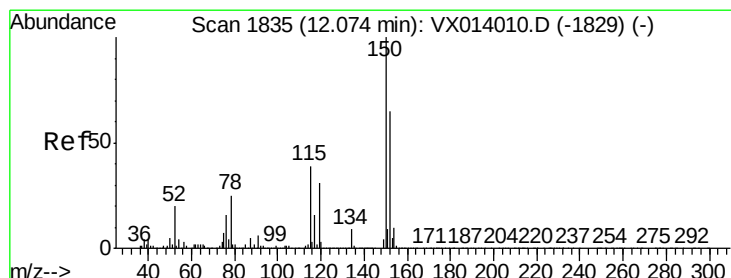
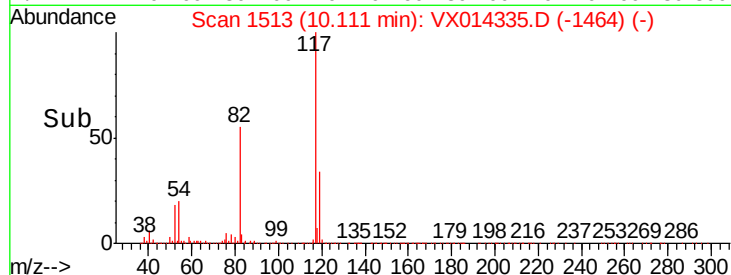
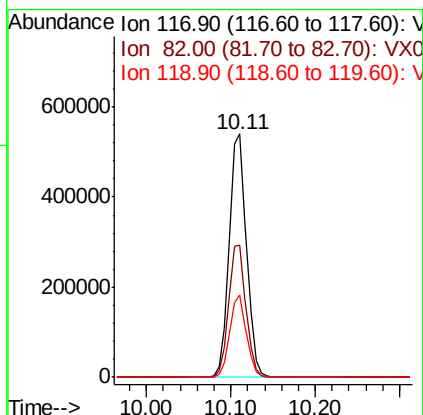
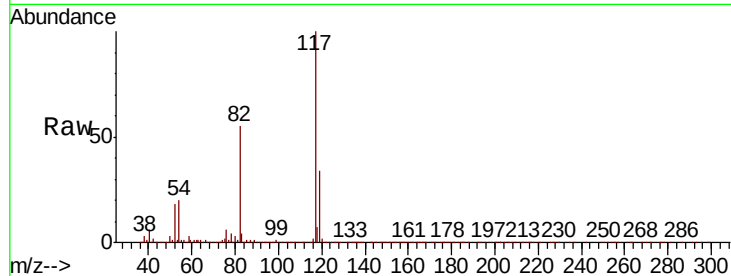




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014335.D
Acq: 28 Dec 2019 02:36

Instrument :
MSVOA_X
ClientSampled :
SB-4-(5-6)-TCLP

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.2	63.4
119	33.9	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014335.D
Acq: 28 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.3	114.9
150	154.7	0.0	345.4

