

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014292.D
 Acq On : 27 Dec 2019 01:16
 Operator : JC/SP
 Sample : K6396-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2-(4-5)-TCLP

Quant Time: Dec 27 07:45:41 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

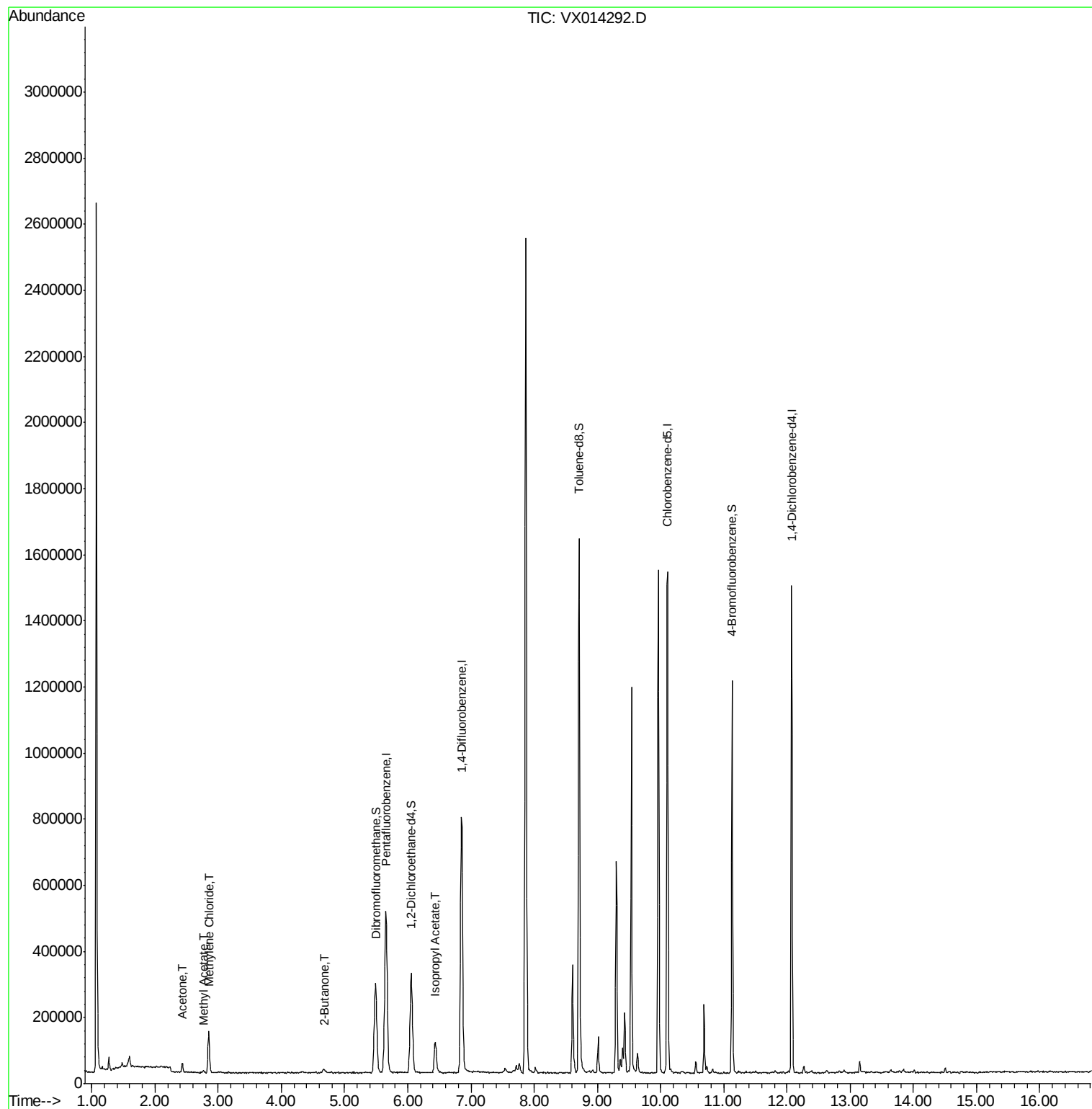
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	505014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	792651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	706806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	285619	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
35) Dibromofluoromethane	5.49	113	234128	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	949343	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.14	95	318536	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
Target Compounds						
16) Acetone	2.43	43	33305	8.963	ug/l	96
18) Methyl Acetate	2.76	43	9108	1.237	ug/l	92
20) Methylene Chloride	2.85	84	56983	9.738	ug/l	92
25) 2-Butanone	4.68	43	11739	2.562	ug/l	90
43) Isopropyl Acetate	6.43	43	129755	9.762	ug/l	100

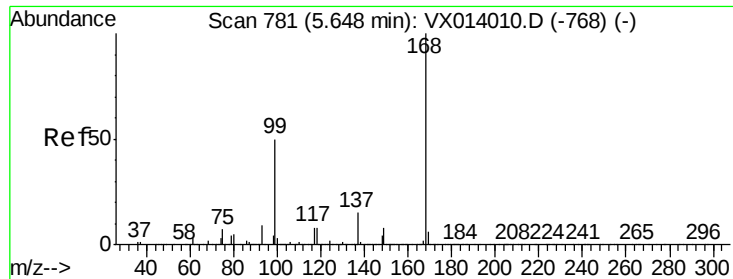
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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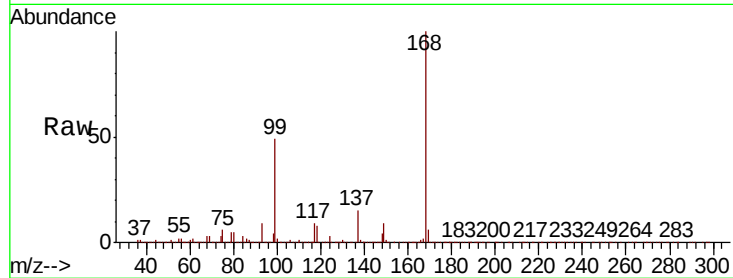


#1

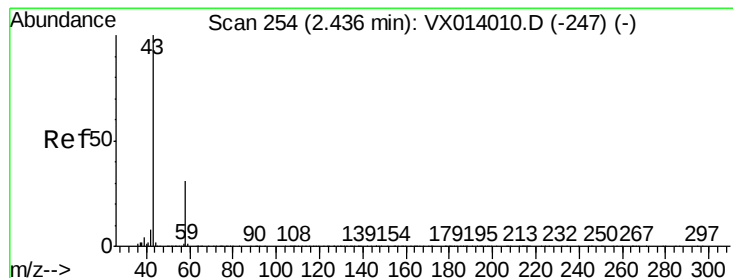
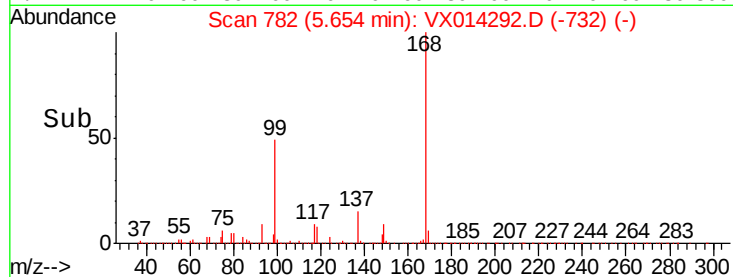
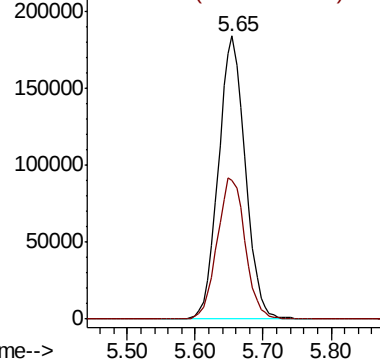
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014292.D
 Acq: 27 Dec 2019 01:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2-(4-5)-TCLP

Tot Ion:168 Resp: 505014
 Ion Ratio Lower Upper
 168 100
 99 49.1 40.3 60.5



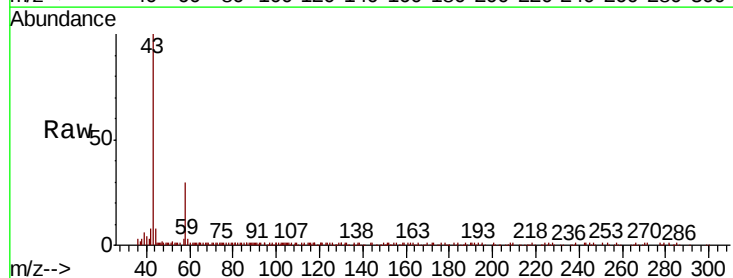
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



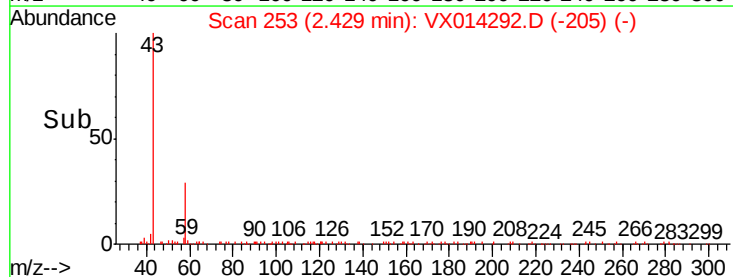
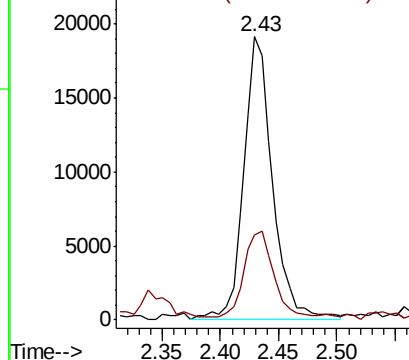
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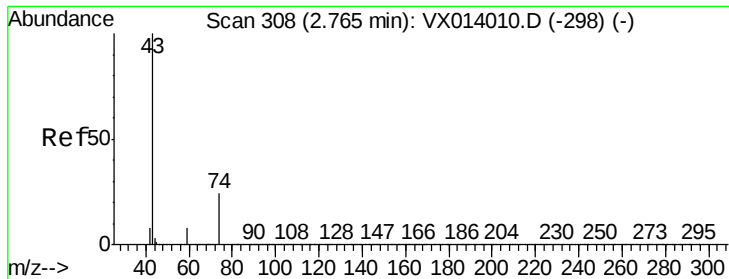
Acetone
 Concen: 8.963 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014292.D
 Acq: 27 Dec 2019 01:16

Tgt Ion: 43 Resp: 33305
 Ion Ratio Lower Upper
 43 100
 58 28.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

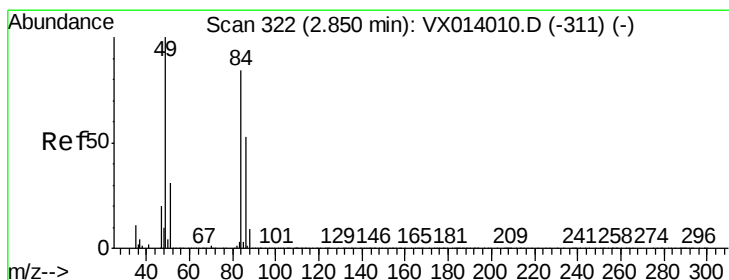
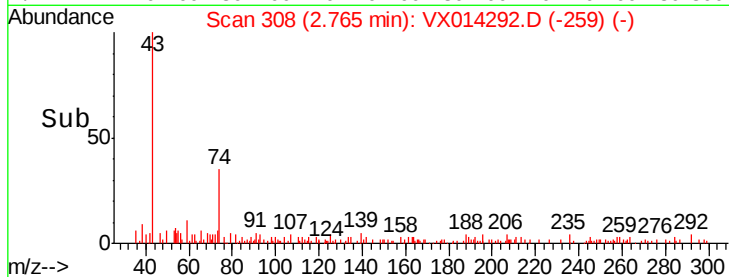
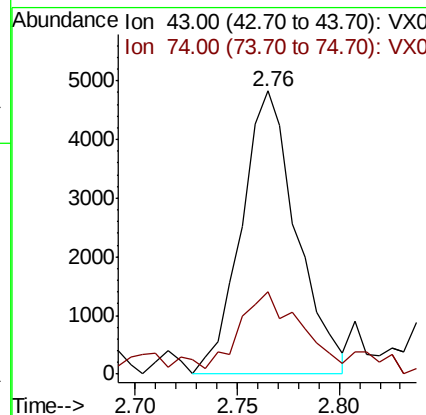
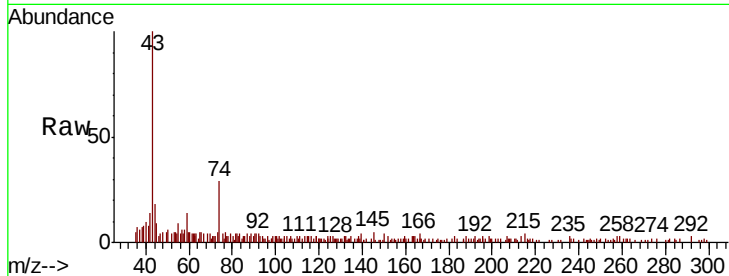




#18
Methyl Acetate
Concen: 1.237 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014292.D
Acq: 27 Dec 2019 01:16

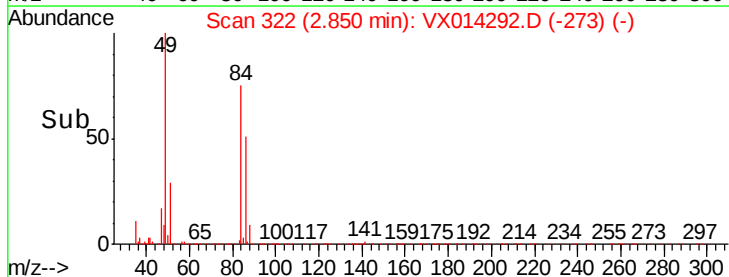
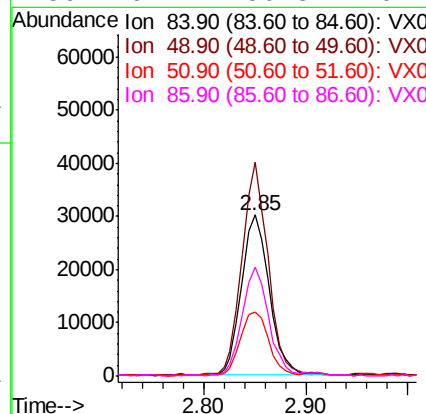
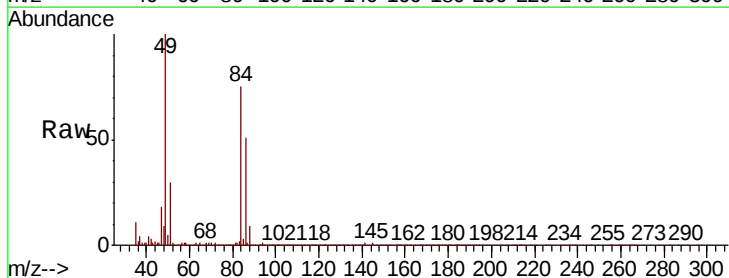
Instrument :
MSVOA_X
ClientSampleId :
SB-2-(4-5)-TCLP

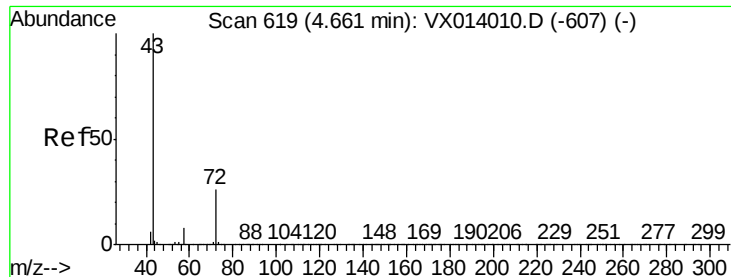
Tot Ion: 43 Resp: 9108
Ion Ratio Lower Upper
43 100
74 28.5 19.5 29.3



#20
Methylene Chloride
Concen: 9.738 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014292.D
Acq: 27 Dec 2019 01:16

Tgt Ion: 84 Resp: 56983
Ion Ratio Lower Upper
84 100
49 132.4 95.8 143.6
51 39.3 29.8 44.8
86 67.4 50.8 76.2

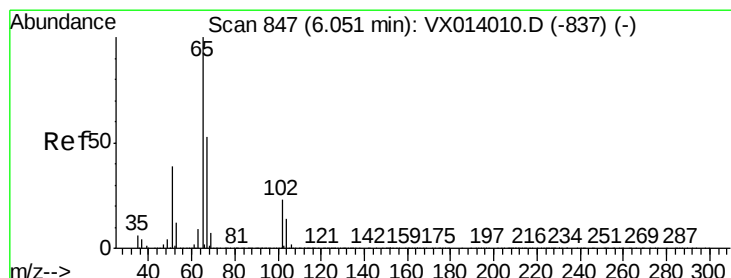
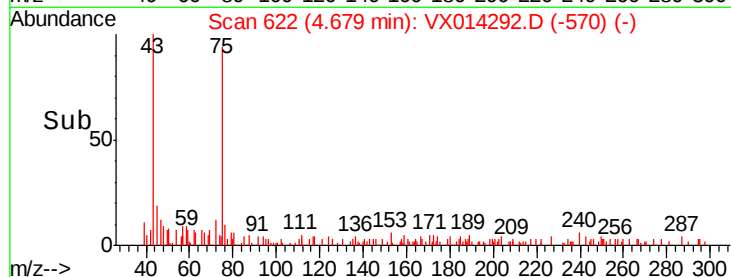
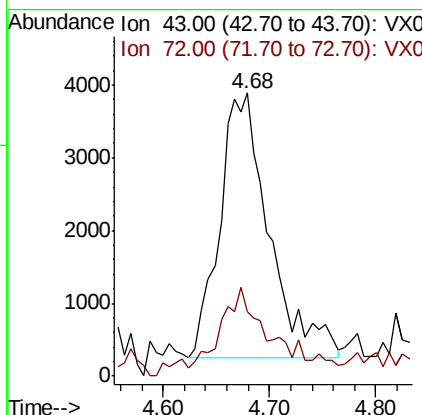
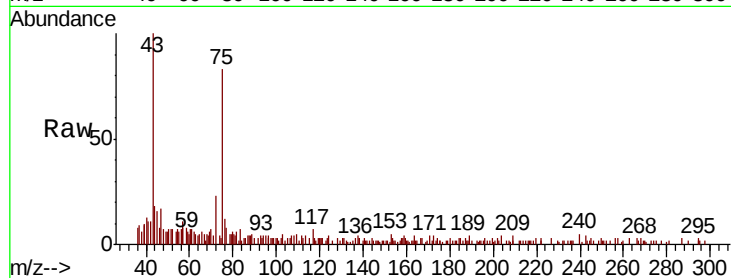




#25
2-Butanone
Concen: 2.562 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX014292.D
Acq: 27 Dec 2019 01:16

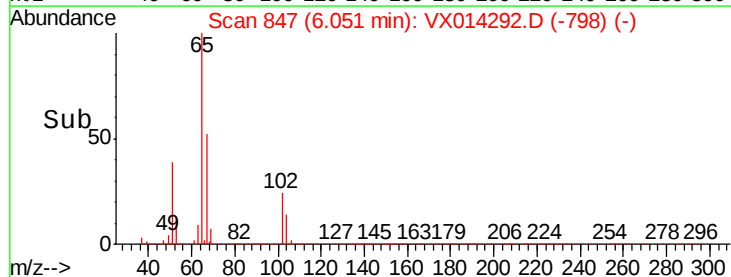
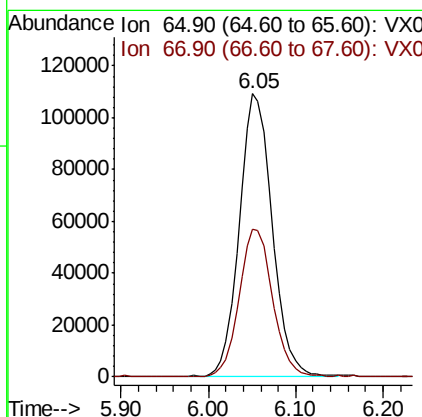
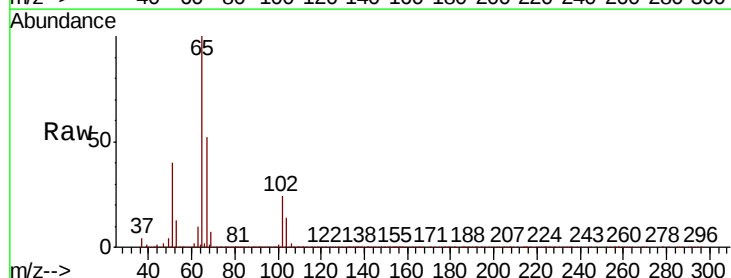
Instrument :
MSVOA_X
ClientSampleId :
SB-2-(4-5)-TCLP

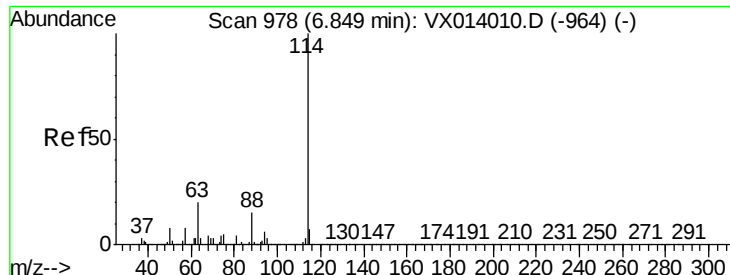
Tot Ion: 43 Resp: 11739
Ion Ratio Lower Upper
43 100
72 21.3 21.0 31.4



#33
1,2-Dichloroethane-d4
Concen: 49.902 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014292.D
Acq: 27 Dec 2019 01:16

Tgt Ion: 65 Resp: 285619
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014292.D

Acq: 27 Dec 2019 01:16

Instrument :

MSVOA_X

ClientSampleId :

SB-2-(4-5)-TCLP

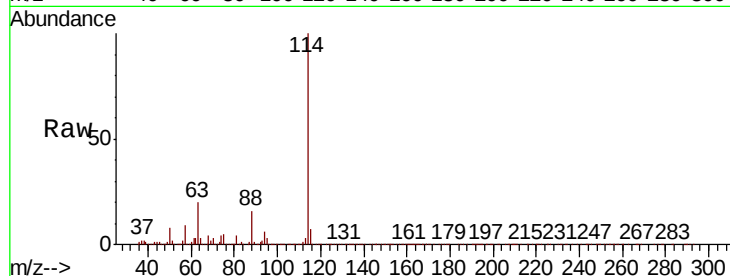
Tot Ion:114 Resp: 792651

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

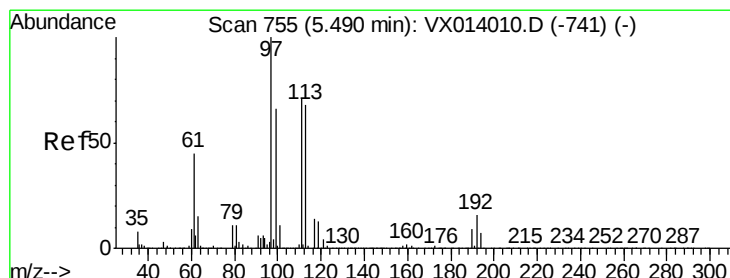
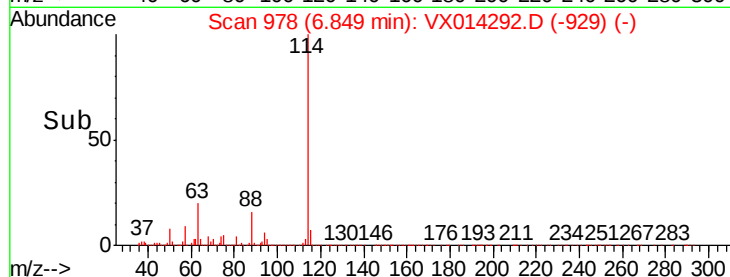
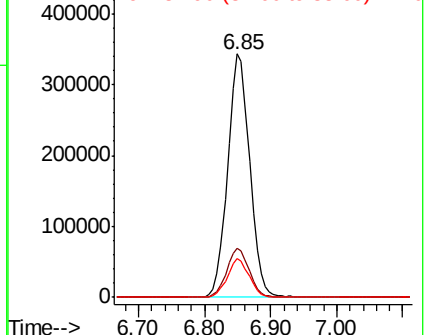
88 15.7 0.0 30.4



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: 48.590 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014292.D

Acq: 27 Dec 2019 01:16

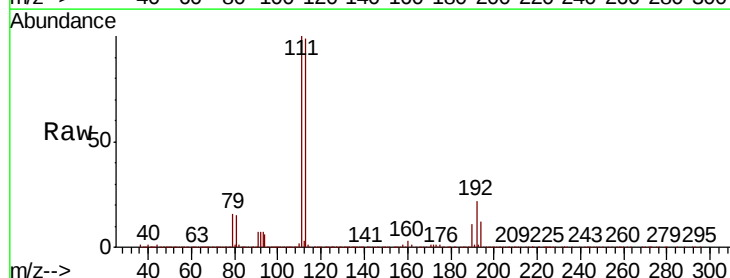
Tgt Ion:113 Resp: 234128

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

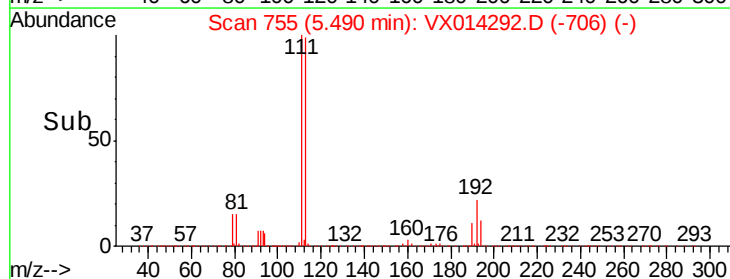
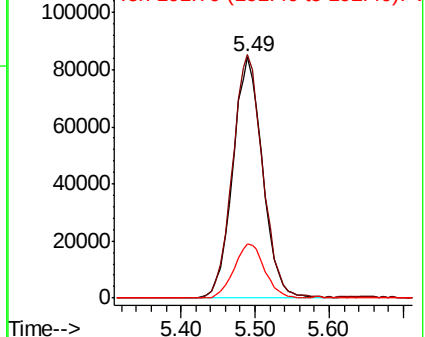
192 23.3 19.3 28.9

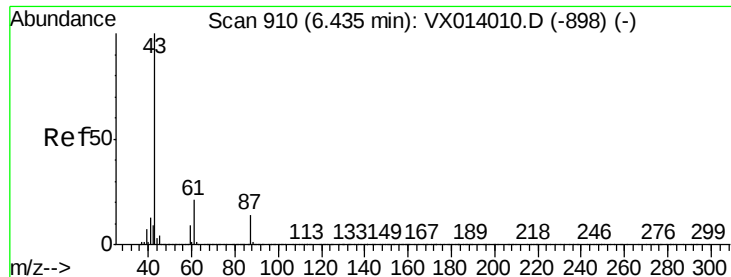


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.762 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014292.D

Acq: 27 Dec 2019 01:16

Instrument :

MSVOA_X

ClientSampleId :

SB-2-(4-5)-TCLP

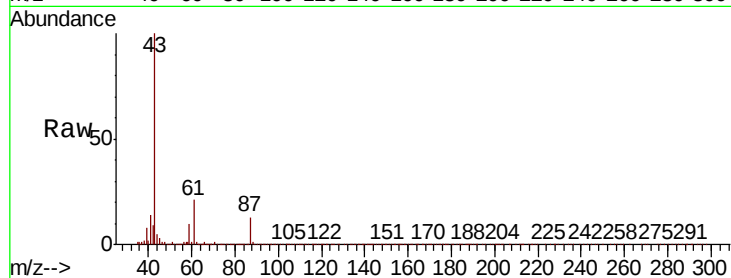
Tot Ion: 43 Resp: 129755

Ion Ratio Lower Upper

43 100

61 20.5 16.4 24.6

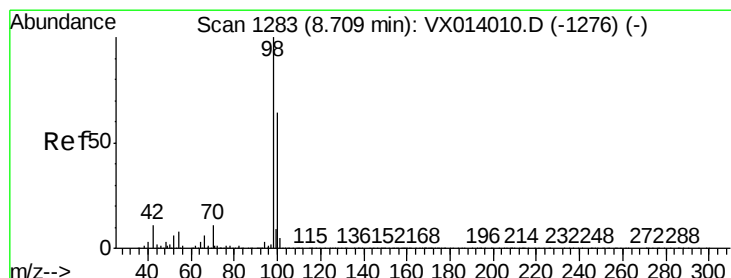
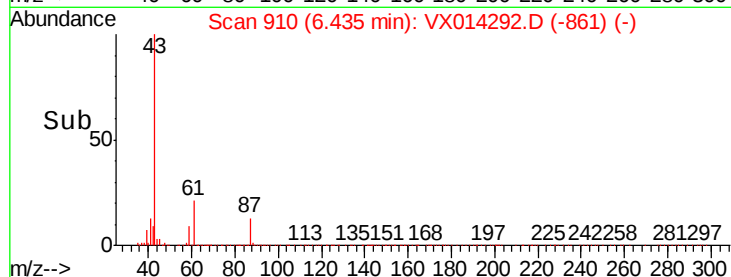
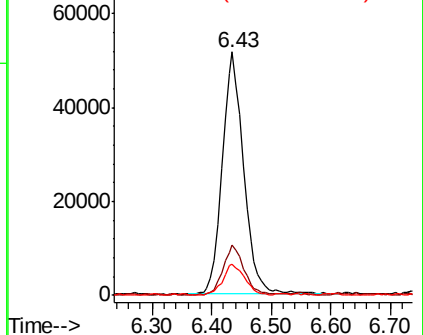
87 13.0 10.7 16.1



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: 50.606 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014292.D

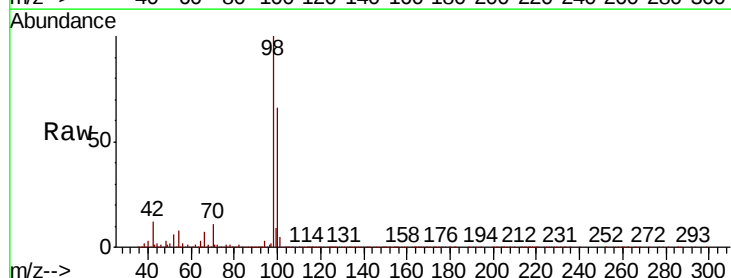
Acq: 27 Dec 2019 01:16

Tgt Ion: 98 Resp: 949343

Ion Ratio Lower Upper

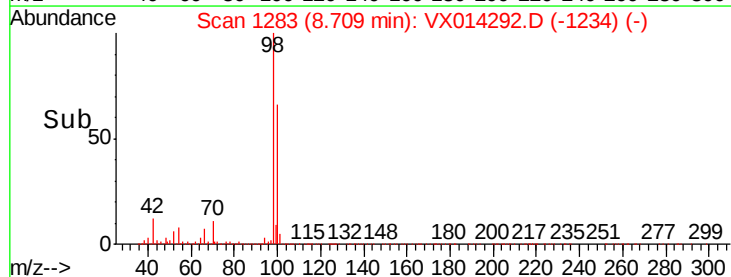
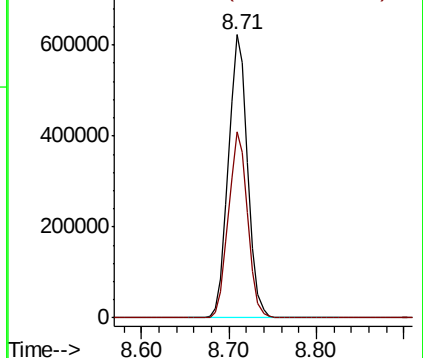
98 100

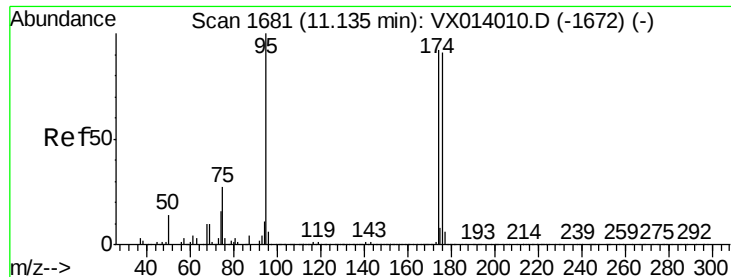
100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

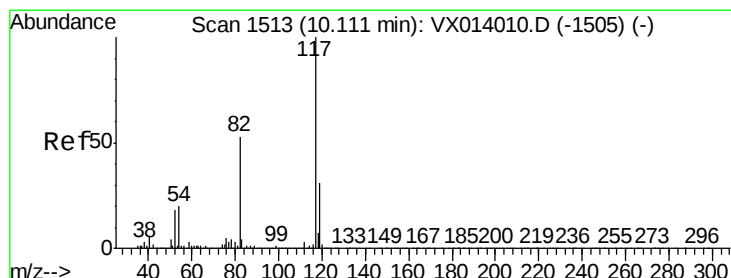
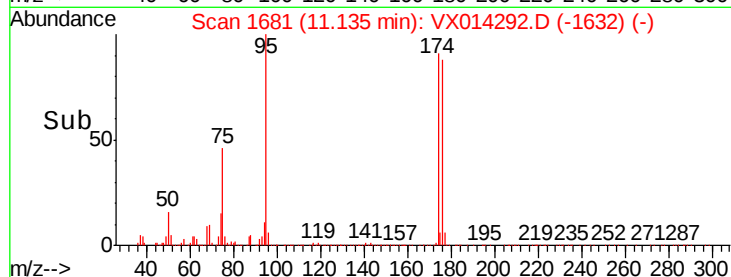
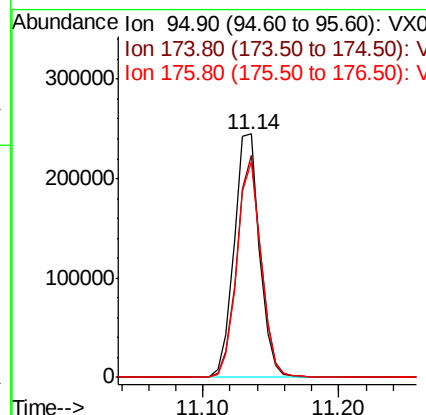
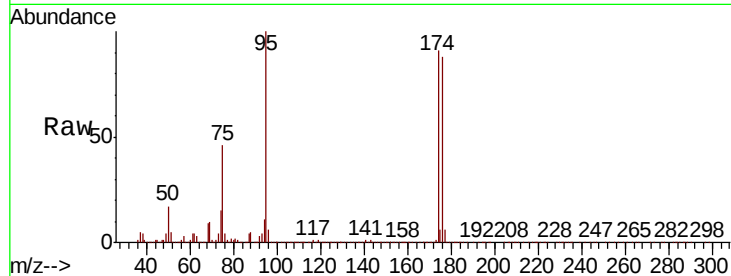




#62
4-Bromofluorobenzene
Concen: 46.451 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014292.D
Acq: 27 Dec 2019 01:16

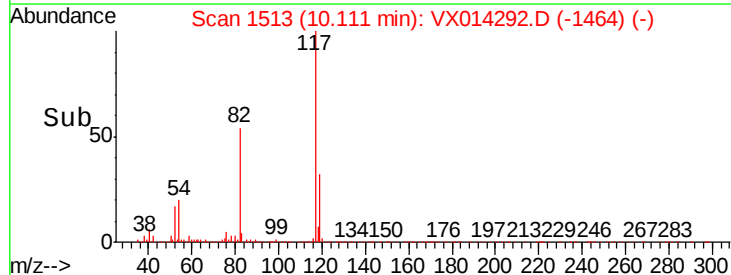
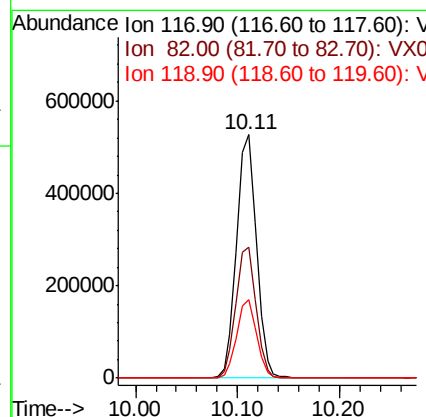
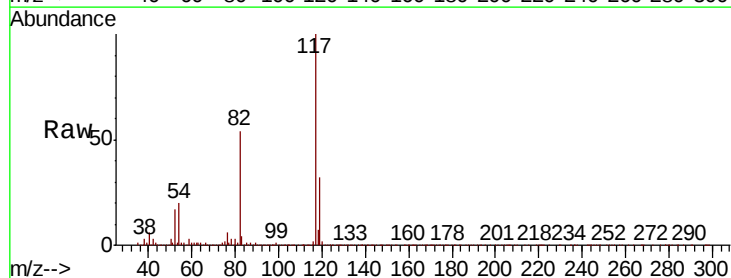
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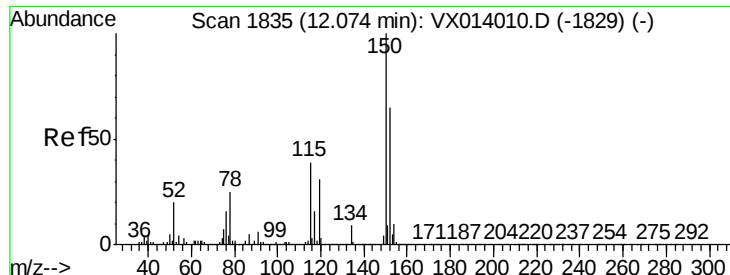
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	175.8
176	84.4	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014292.D
Acq: 27 Dec 2019 01:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.2	63.4
119	32.1	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: VX014292.D

Acq: 27 Dec 2019 01:16

Instrument :

MSVOA_X

ClientSampleId :

SB-2-(4-5)-TCLP

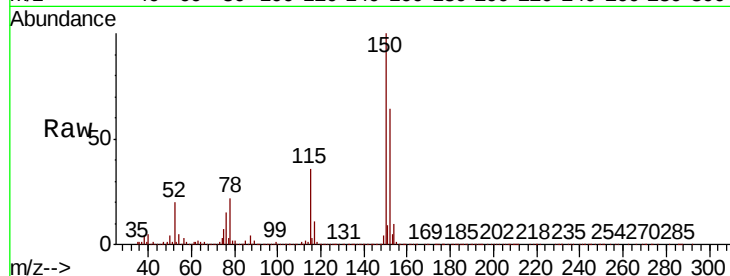
Tot Ion:152 Resp: 306511

Ion Ratio Lower Upper

152 100

115 55.8 38.3 114.9

150 157.5 0.0 345.4



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

