

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013544.D
 Acq On : 22 Nov 2019 19:28
 Operator : JC/SP
 Sample : K5979-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 391120791-TRIP-BLANK

Quant Time: Nov 22 22:26:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	107448	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	604101	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	523353	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	236623	29.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.40%
60) 4-Bromofluorobenzene	11.14	95	231082	27.47	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.57%
63) Toluene-d8	8.71	98	719937	30.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.40%

Target Compounds

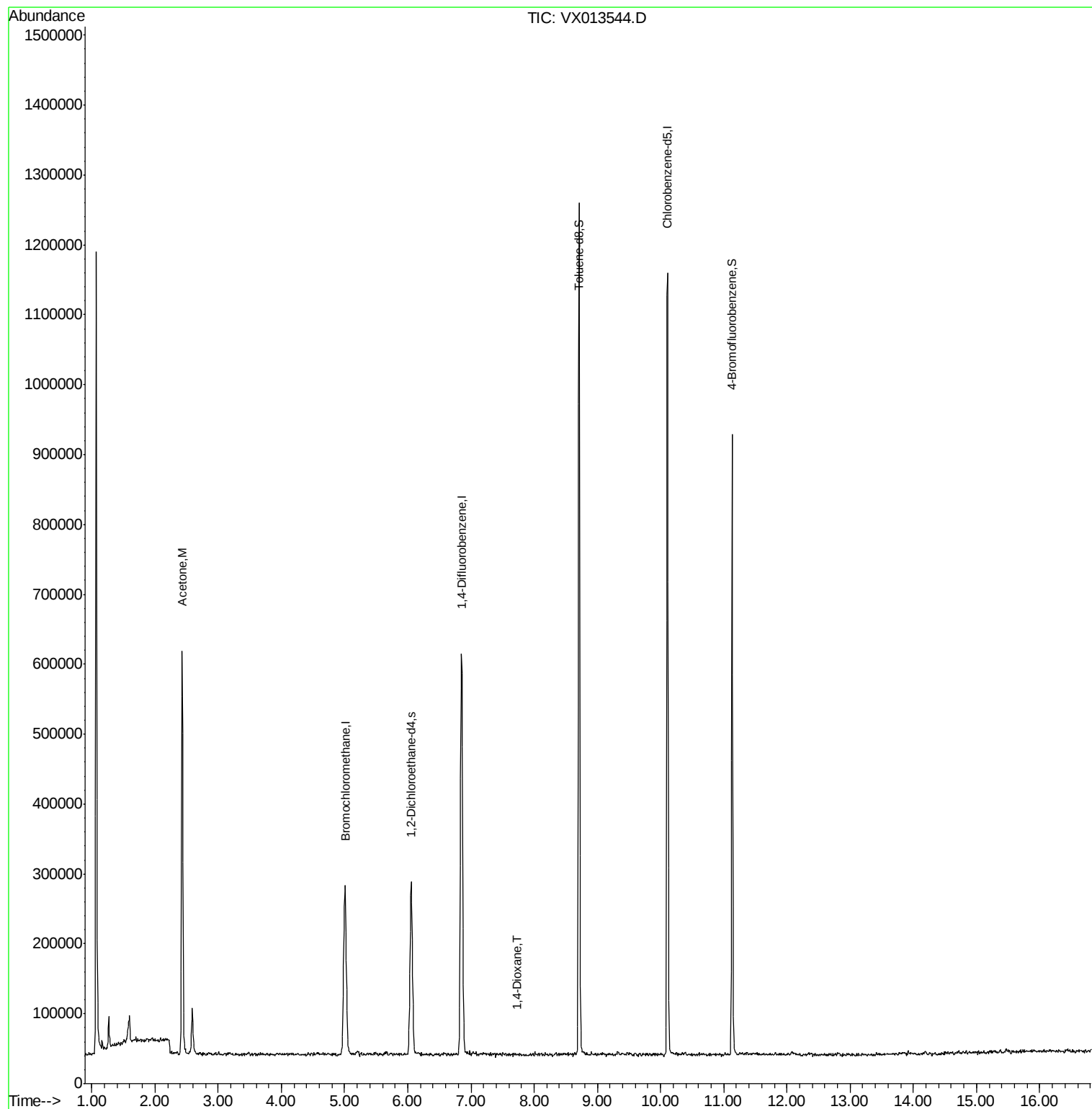
					Ovalue
15) Acetone	2.43	58	184152	142.197 ug/l	98
45) 1,4-Dioxane	7.73	88	77	0.391 ug/l #	1

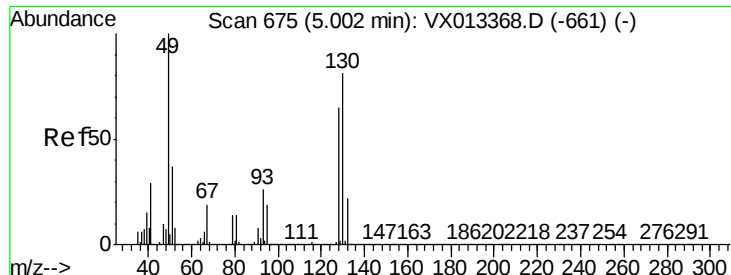
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX013544.D

Acq: 22 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

391120791-TRIP-BLANK

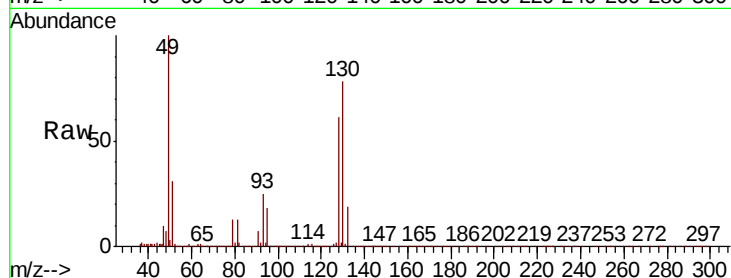
Tot Ion:128 Resp: 107448

Ion Ratio Lower Upper

128 100

49 160.7 0.0 388.3

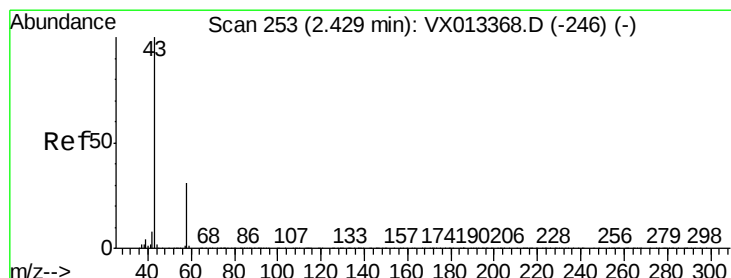
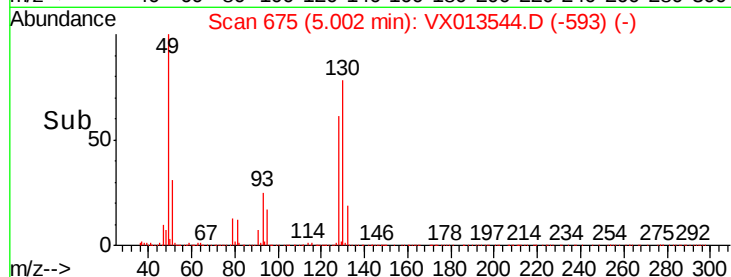
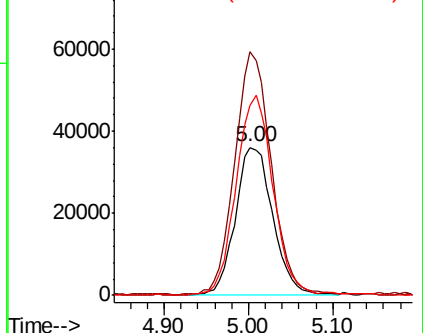
130 134.0 0.0 318.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 142.197 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013544.D

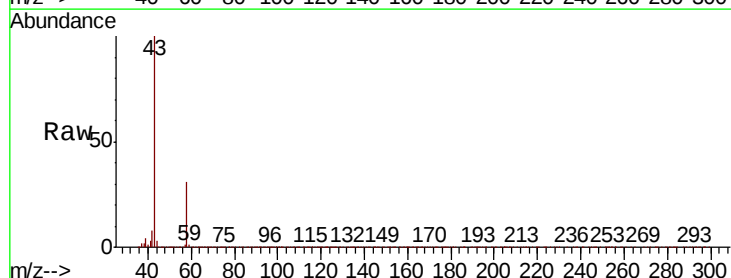
Acq: 22 Nov 2019 19:28

Tgt Ion: 58 Resp: 184152

Ion Ratio Lower Upper

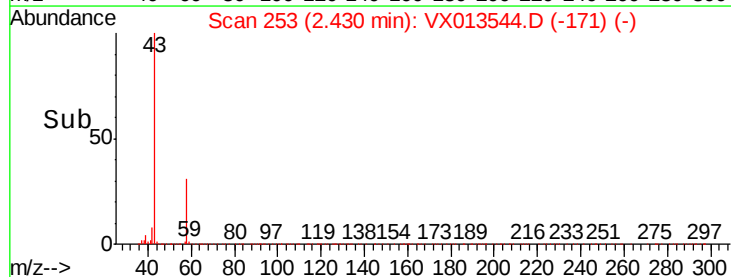
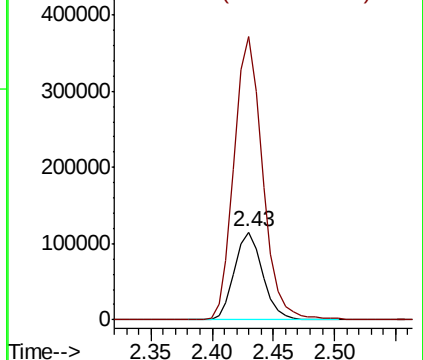
58 100

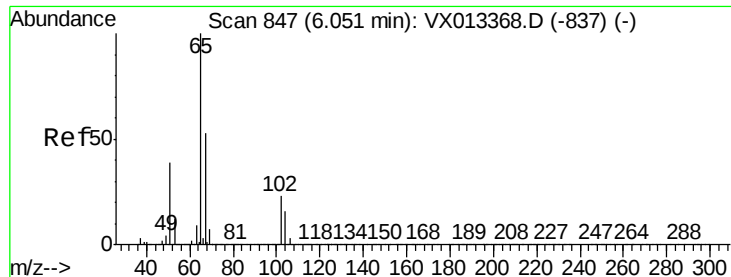
43 322.8 261.4 392.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.823 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013544.D

Acq: 22 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

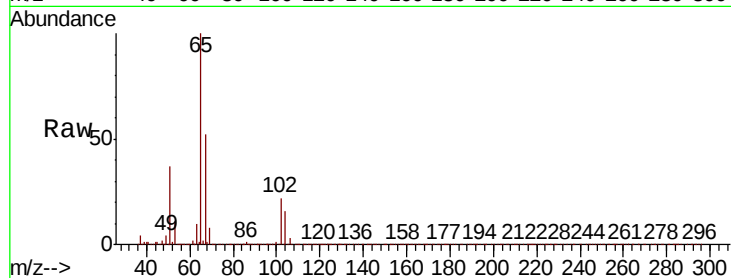
391120791-TRIP-BLANK

Tot Ion: 65 Resp: 236623

Ion Ratio Lower Upper

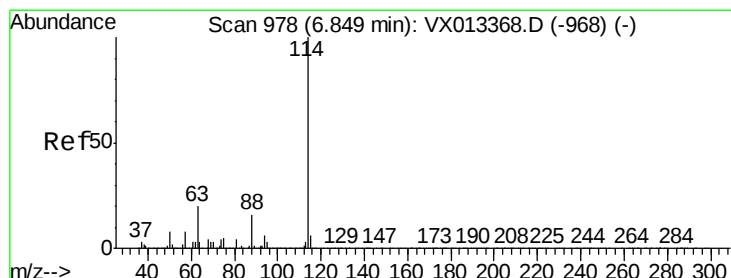
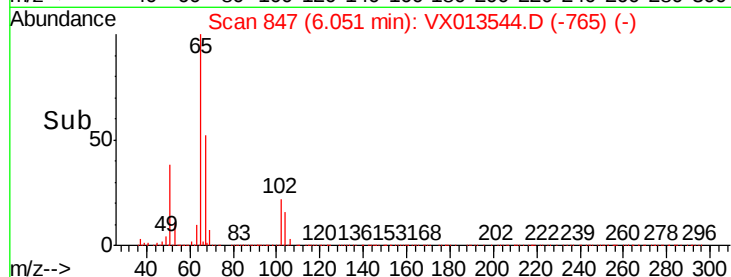
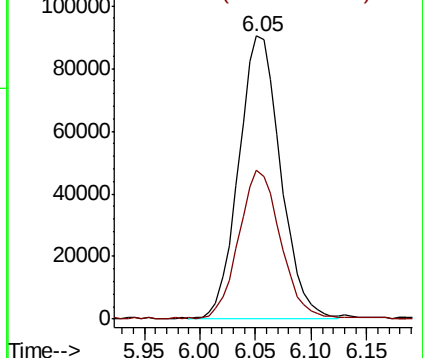
65 100

67 52.5 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013544.D

Acq: 22 Nov 2019 19:28

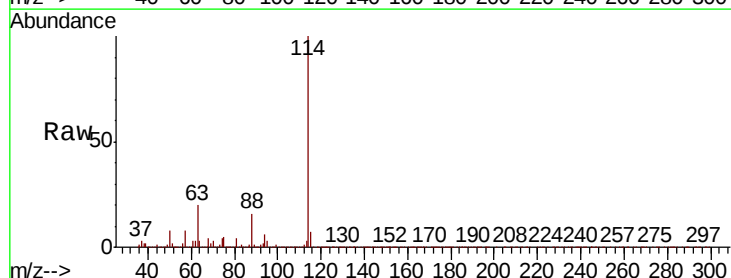
Tgt Ion: 114 Resp: 604101

Ion Ratio Lower Upper

114 100

63 19.9 16.1 24.1

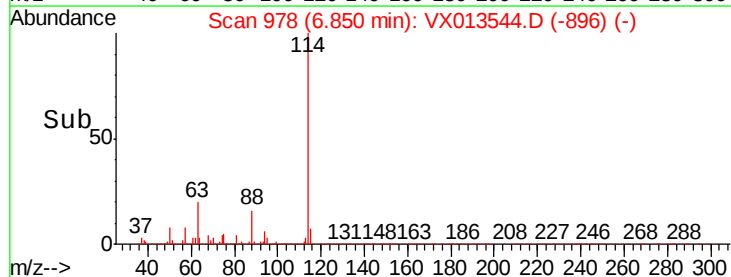
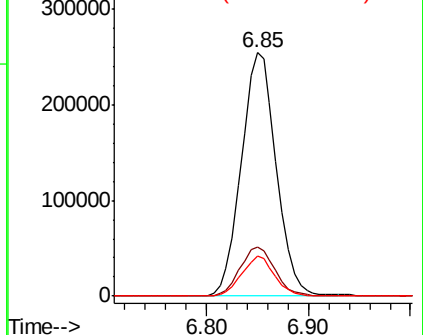
88 15.5 12.3 18.5

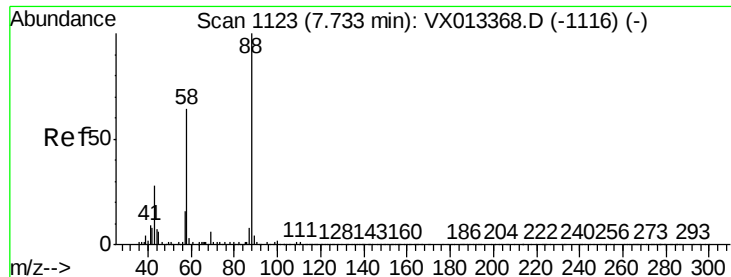


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

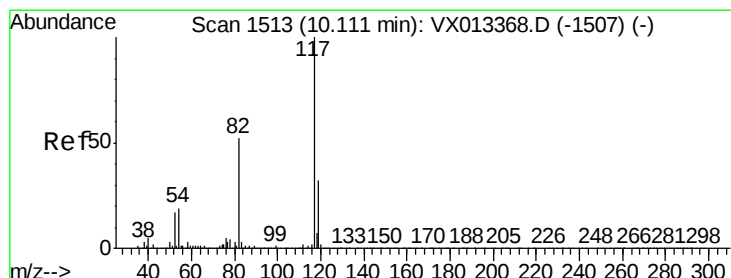
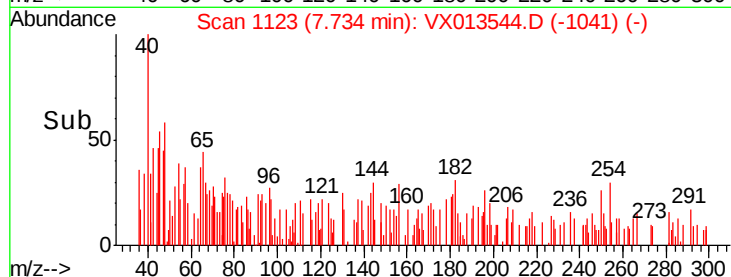
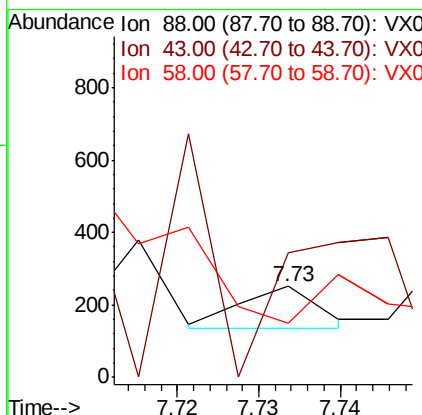
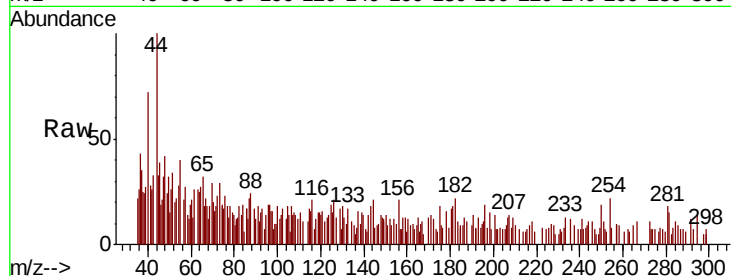




#45
1,4-Dioxane
Concen: 0.391 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013544.D
Acq: 22 Nov 2019 19:28

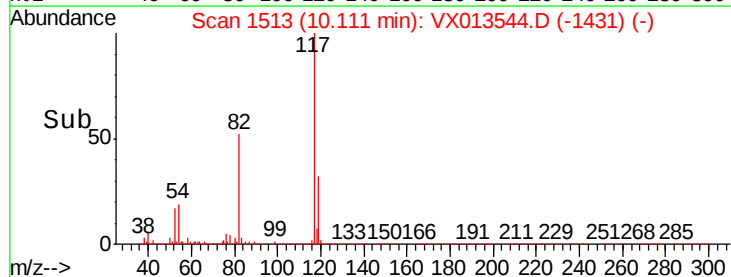
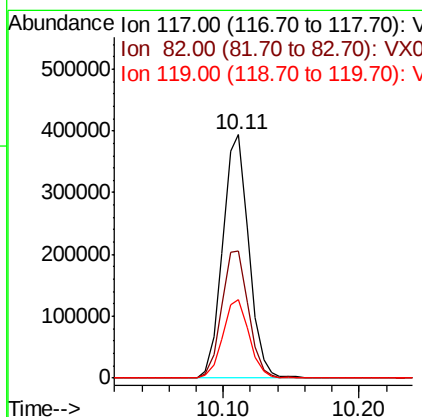
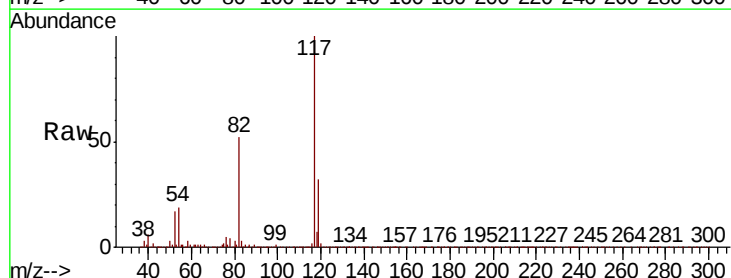
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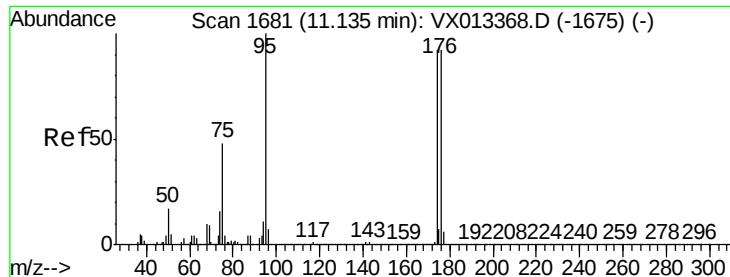
Tot Ion	Ratio	Lower	Upper
88	100		
43	523.4	26.1	39.1#
58	110.4	55.8	83.8#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013544.D
Acq: 22 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.7	65.5
119	32.5	25.5	38.3

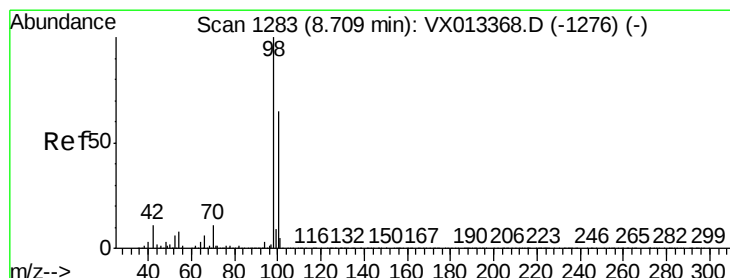
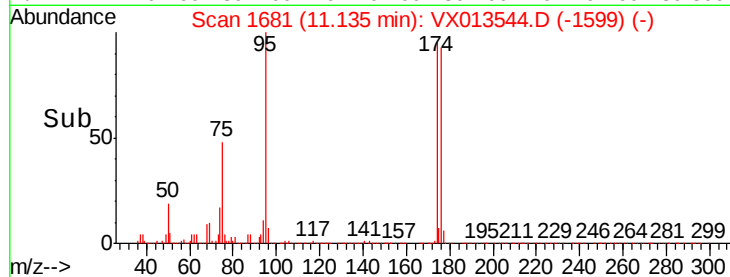
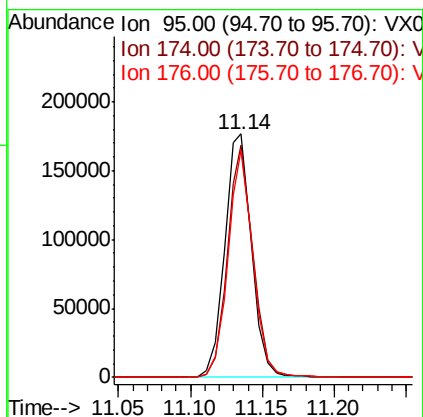
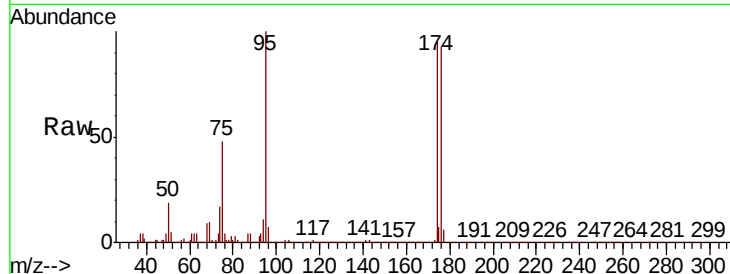




#60
4-Bromofluorobenzene
Concen: 27.471 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013544.D
Acq: 22 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
391120791-TRIP-BLANK

Tot Ion	95	Resp	231082
Ion Ratio	Lower	Upper	
95	100		
174	90.5	70.2	105.2
176	87.2	68.3	102.5



#63
Toluene-d8
Concen: 30.421 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013544.D
Acq: 22 Nov 2019 19:28

Tgt Ion	98	Resp	719937
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.5	78.7

