

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007927.D
 Acq On : 08 Mar 2019 13:23
 Operator : JC/SP
 Sample : K1802-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Mar 08 15:03:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	48286	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	256487	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	225299	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	97055	30.58	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.93%
60) 4-Bromofluorobenzene	11.13	95	101580	28.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.17%
63) Toluene-d8	8.71	98	304007	29.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.27%

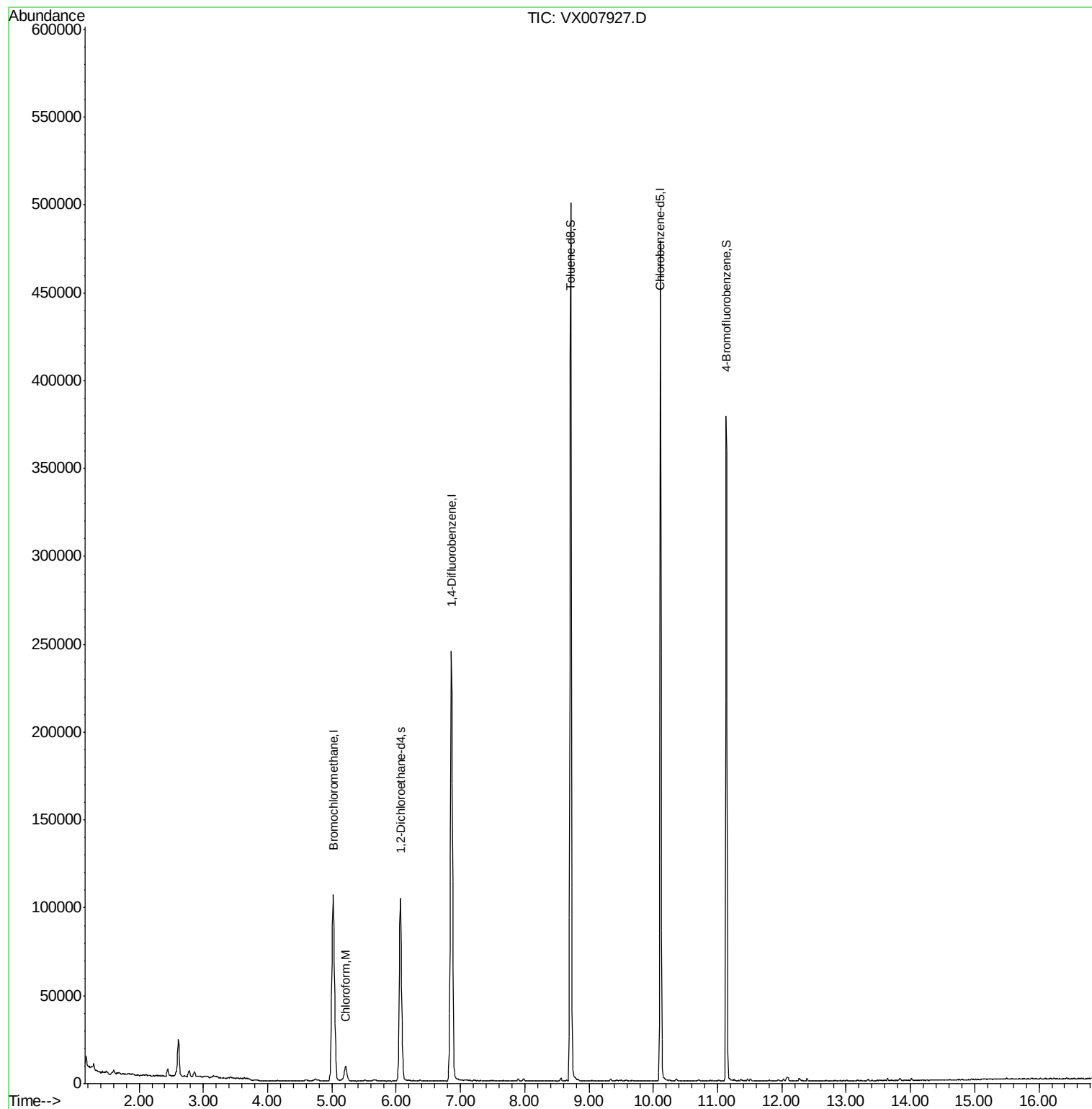
Target Compounds					Ovalue
25) Chloroform	5.21	83	9749	1.807 ug/l	99

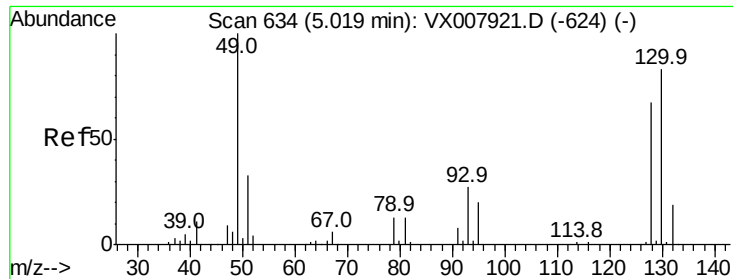
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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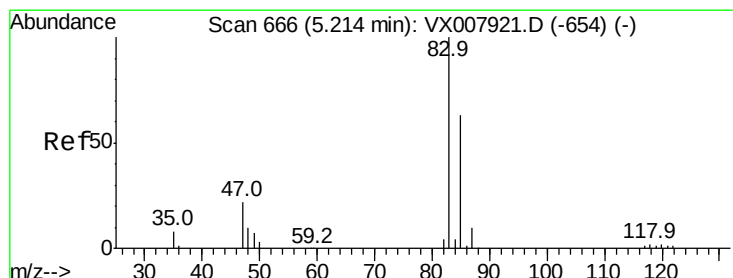
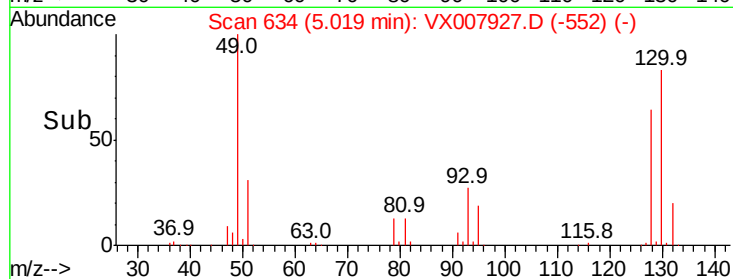
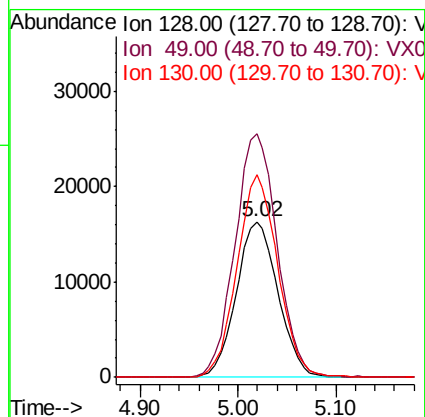
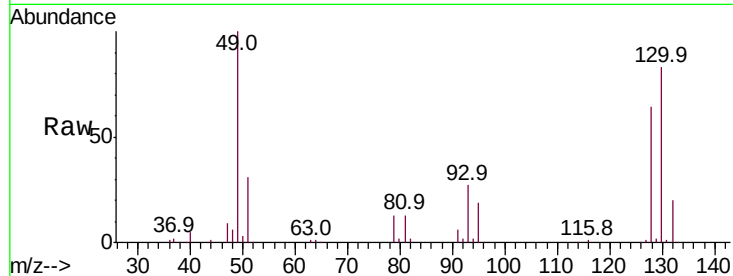




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007927.D
 Acq: 08 Mar 2019 13:23

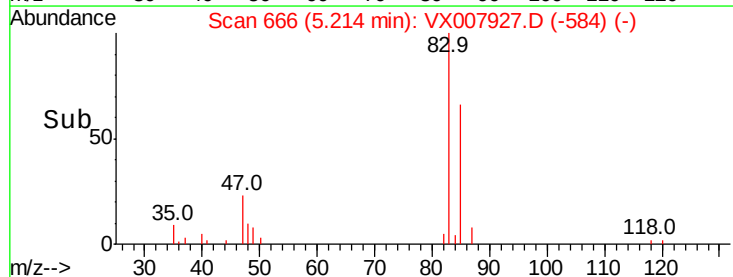
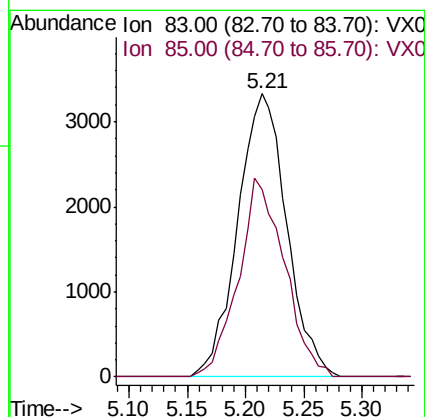
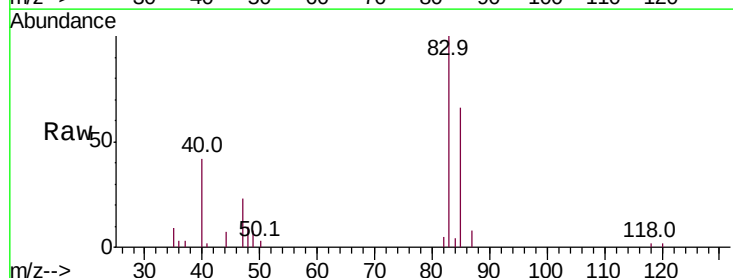
Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

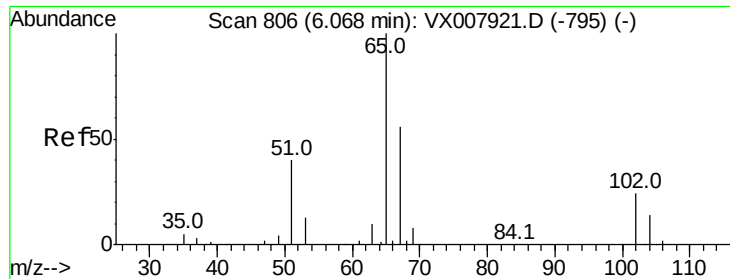
Tot Ion:128 Resp: 48286
 Ion Ratio Lower Upper
 128 100
 49 158.6 0.0 350.8
 130 127.1 0.0 325.8



#25
 Chloroform
 Concen: 1.807 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VX007927.D
 Acq: 08 Mar 2019 13:23

Tgt Ion: 83 Resp: 9749
 Ion Ratio Lower Upper
 83 100
 85 66.2 53.8 80.6

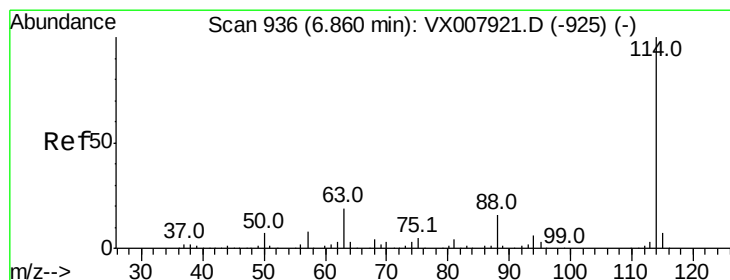
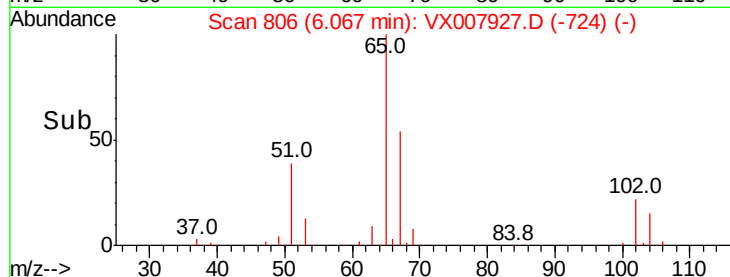
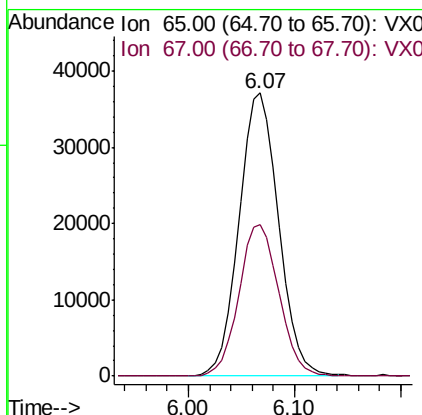
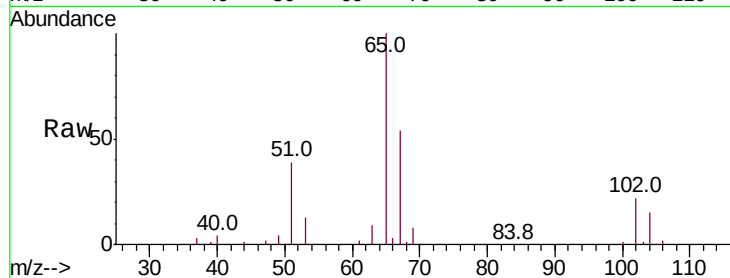




#27
 1,2-Dichloroethane-d4
 Concen: 30.580 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007927.D
 Acq: 08 Mar 2019 13:23

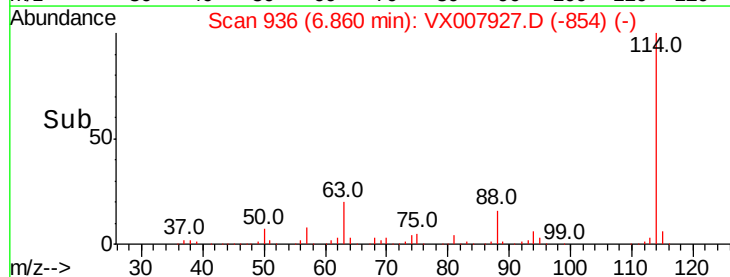
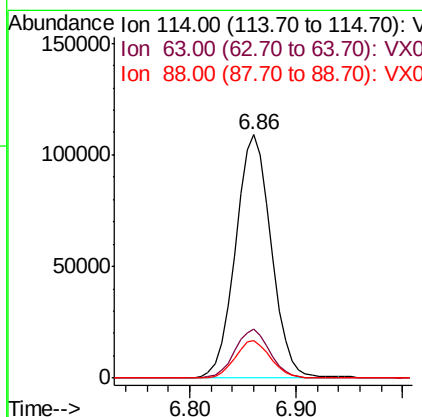
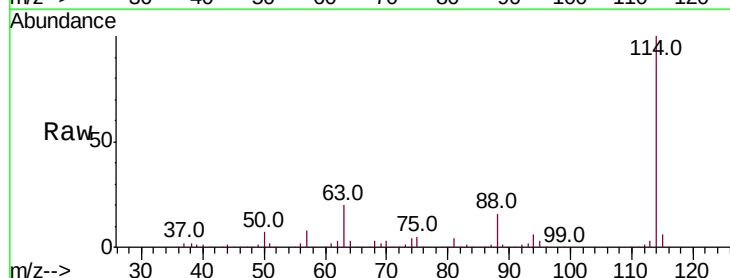
Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

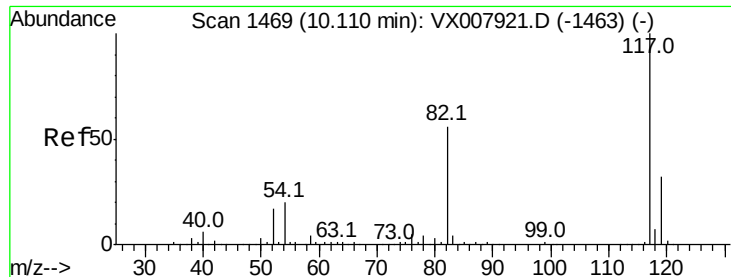
Tot Ion: 65 Resp: 97055
 Ion Ratio Lower Upper
 65 100
 67 54.0 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007927.D
 Acq: 08 Mar 2019 13:23

Tgt Ion: 114 Resp: 256487
 Ion Ratio Lower Upper
 114 100
 63 19.8 14.2 21.4
 88 15.3 11.9 17.9

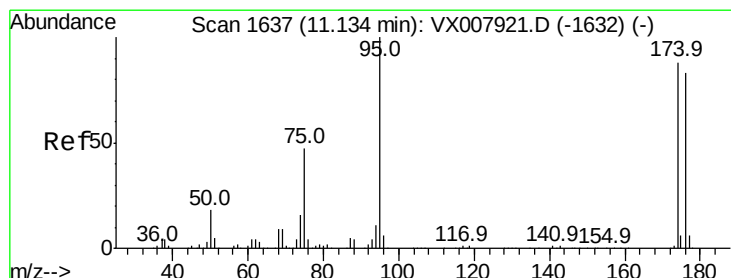
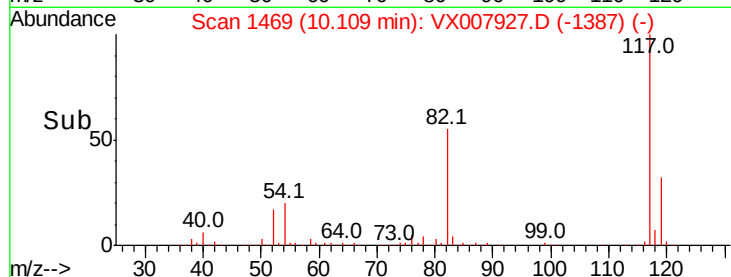
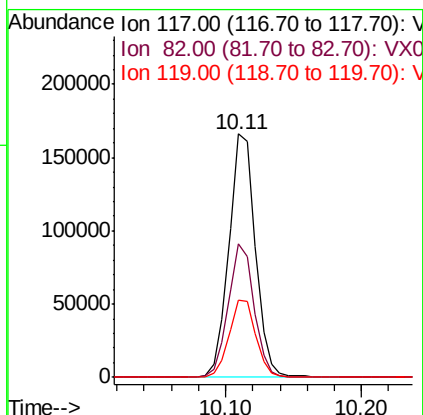
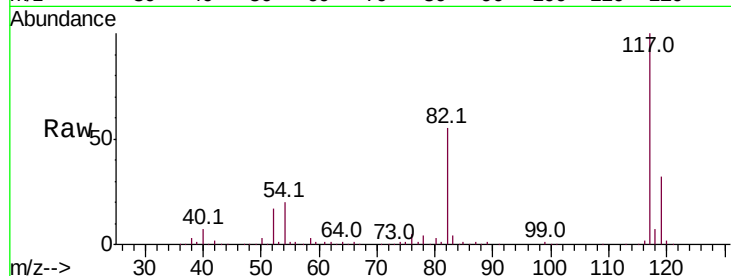




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007927.D
Acq: 08 Mar 2019 13:23

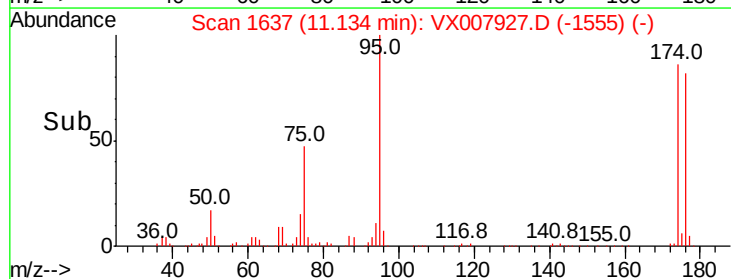
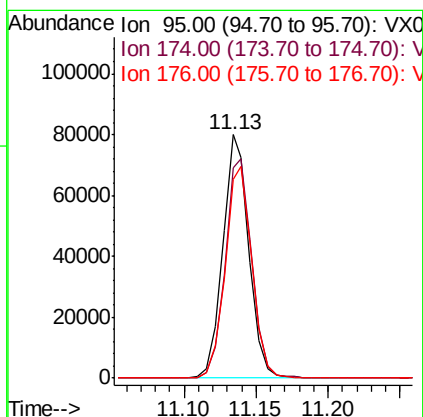
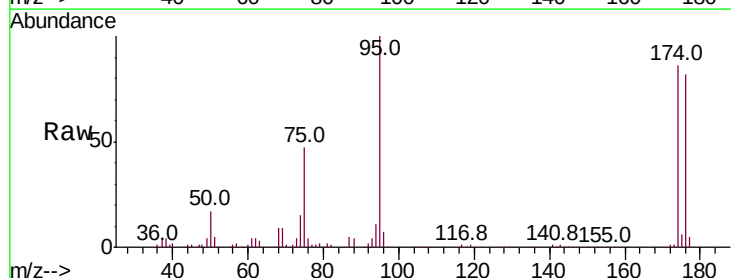
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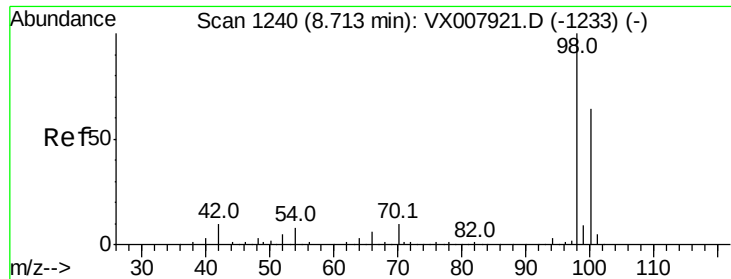
Tot Ion:117 Resp: 225299
Ion Ratio Lower Upper
117 100
82 53.5 40.4 60.6
119 32.2 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 28.248 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007927.D
Acq: 08 Mar 2019 13:23

Tgt Ion: 95 Resp: 101580
Ion Ratio Lower Upper
95 100
174 92.4 74.9 112.3
176 89.3 70.7 106.1





#63

Toluene-d8

Concen: 29.485 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007927.D

Acq: 08 Mar 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

Tot Ion: 98 Resp: 304007

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3

