Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
Data File : VX011417.D
Acq On : 09 Aug 2019 18:02
Operator : JC/SP
Sample : K4278-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : Z3-0691

Quant Time: Aug 11 00:59:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	211597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	312594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130613	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110703	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.90%			
35) Dibromofluoromethane	5.49	113	92869	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.00%			
50) Toluene-d8	8.71	98	367728	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.46%			
62) 4-Bromofluorobenzene	11.13	95	123141	44.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.54%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	14691	7.277	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	3945	1.937	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	58313	24.859	ug/l	94
40) Benzene	6.14	78	31237	3.835	ug/l	97
65) Chlorobenzene	10.13	112	315598	53.020	ug/l	99
67) Ethyl Benzene	10.25	91	3662	0.367	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1483	0.339	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	11823	2.620	ug/l	86

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

Quantitation Report (QT Reviewed)

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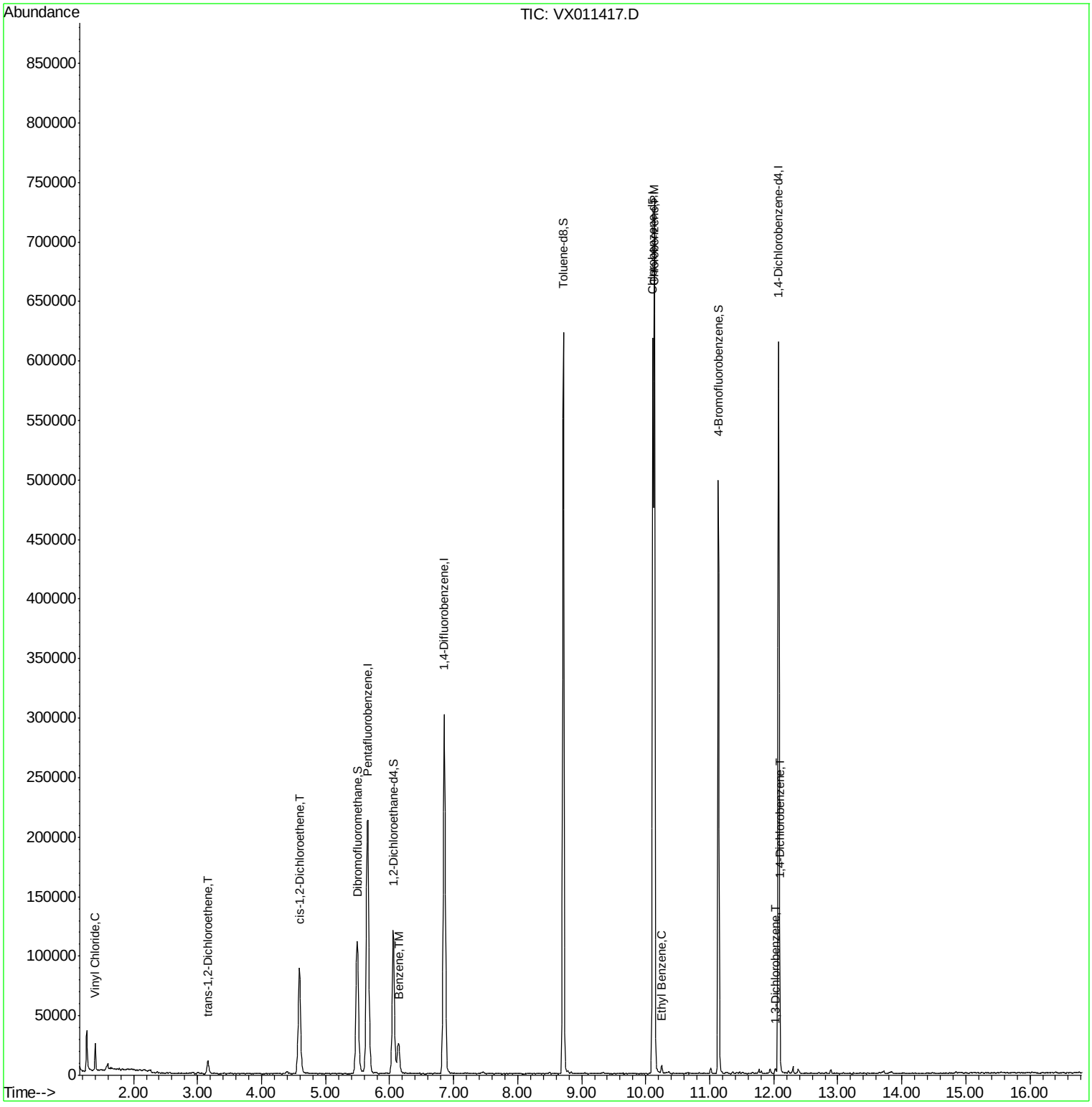
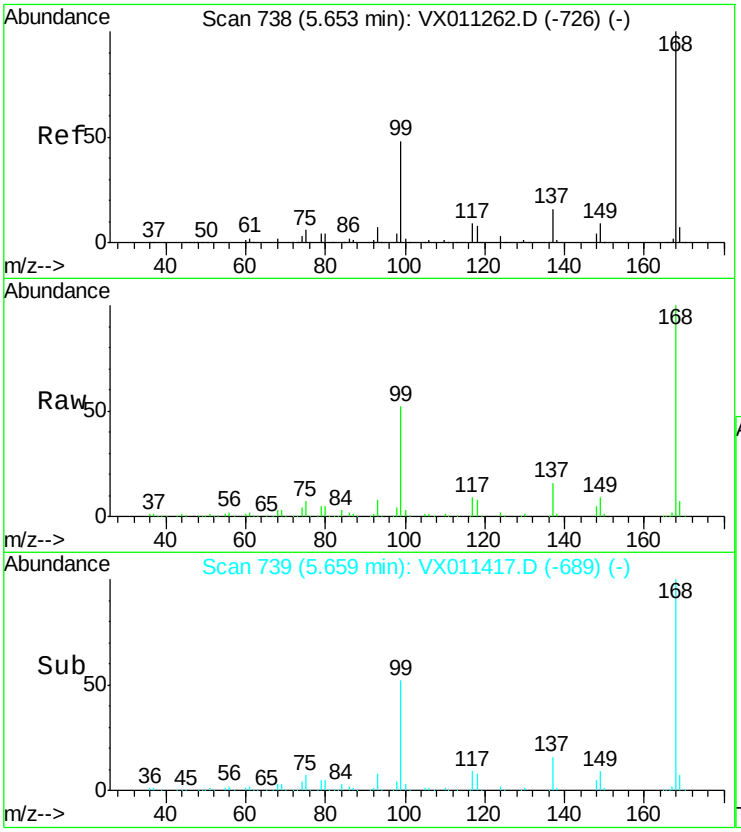


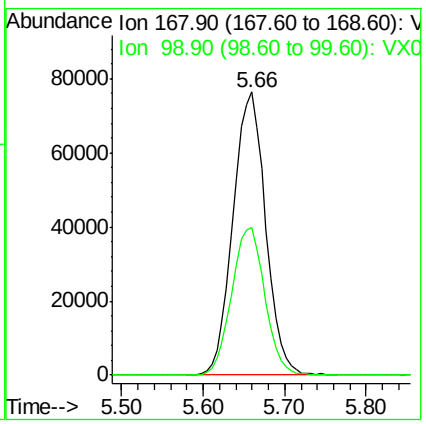


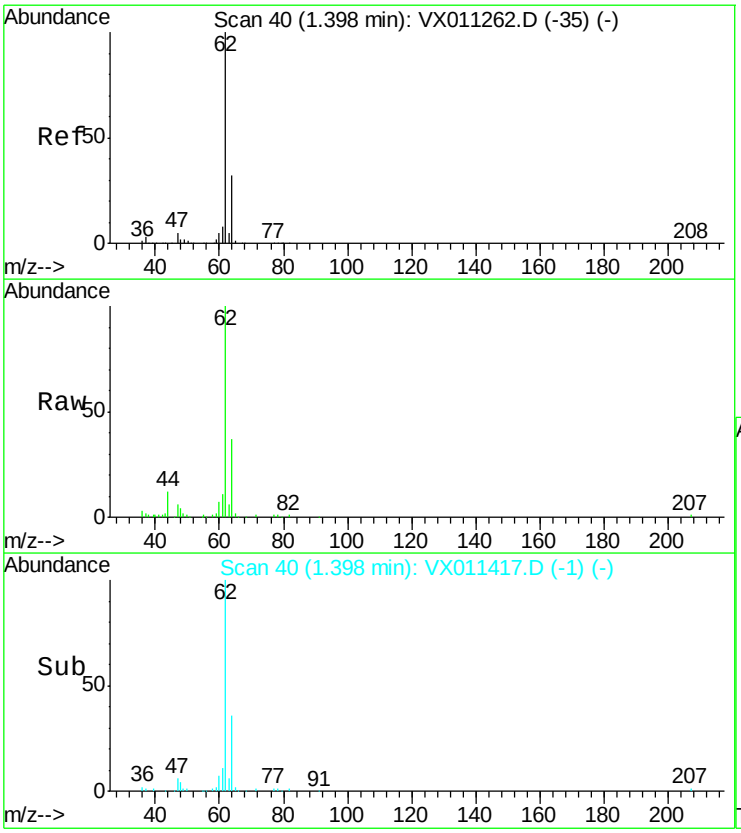
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
Z3-0691

Tgt Ion:168 Resp: 211597

Ion	Ratio	Lower	Upper
168	100		
99	52.1	38.5	57.7

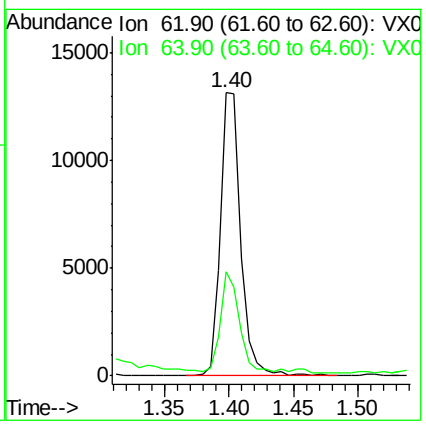


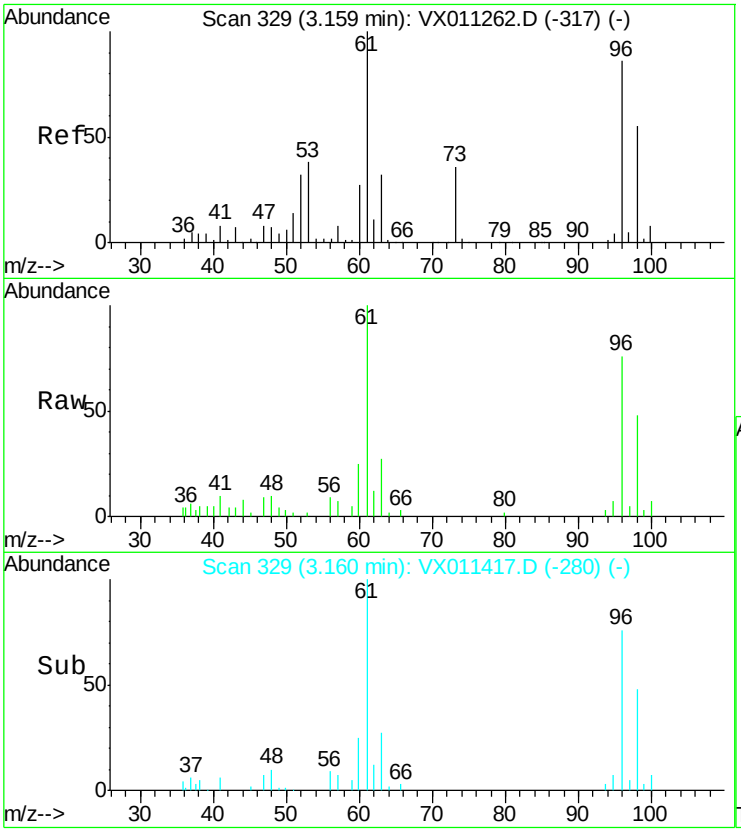


#4
Vinyl Chloride
Concen: 7.277 ug/l
RT: 1.40 min Scan# 40
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Tgt Ion: 62 Resp: 14691

Ion	Ratio	Lower	Upper
62	100		
64	35.7	26.0	39.0



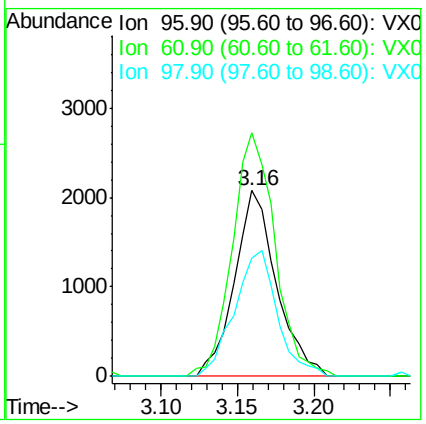


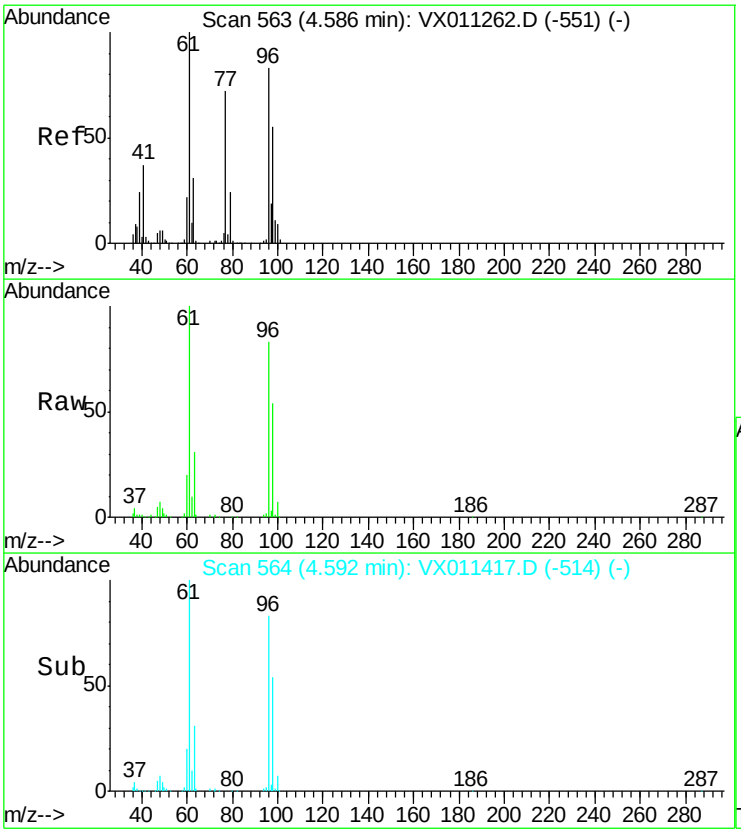
#21
trans-1,2-Dichloroethene
Concen: 1.937 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
Z3-0691

Tgt Ion: 96 Resp: 3945

Ion	Ratio	Lower	Upper
96	100		
61	131.0	92.8	139.2
98	63.2	51.2	76.8

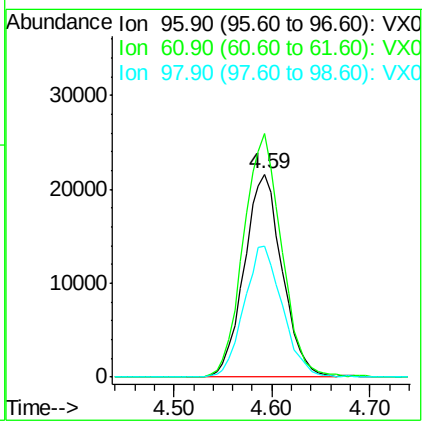


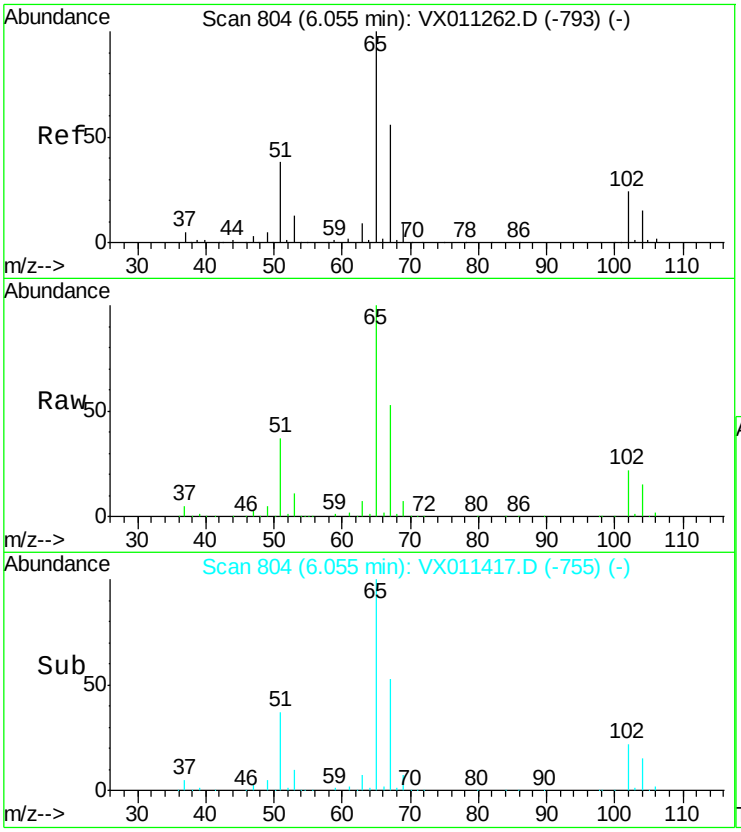


#27
cis-1,2-Dichloroethene
Concen: 24.859 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Tgt Ion: 96 Resp: 58313

Ion	Ratio	Lower	Upper
96	100		
61	119.8	0.0	260.2
98	65.2	0.0	133.2



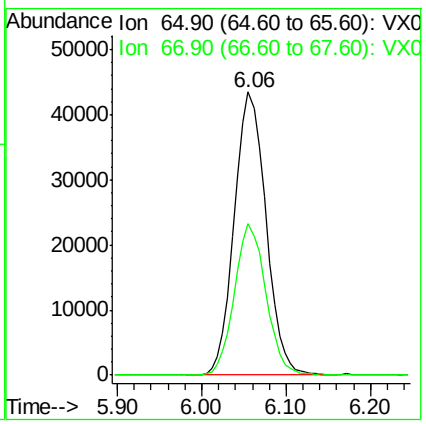


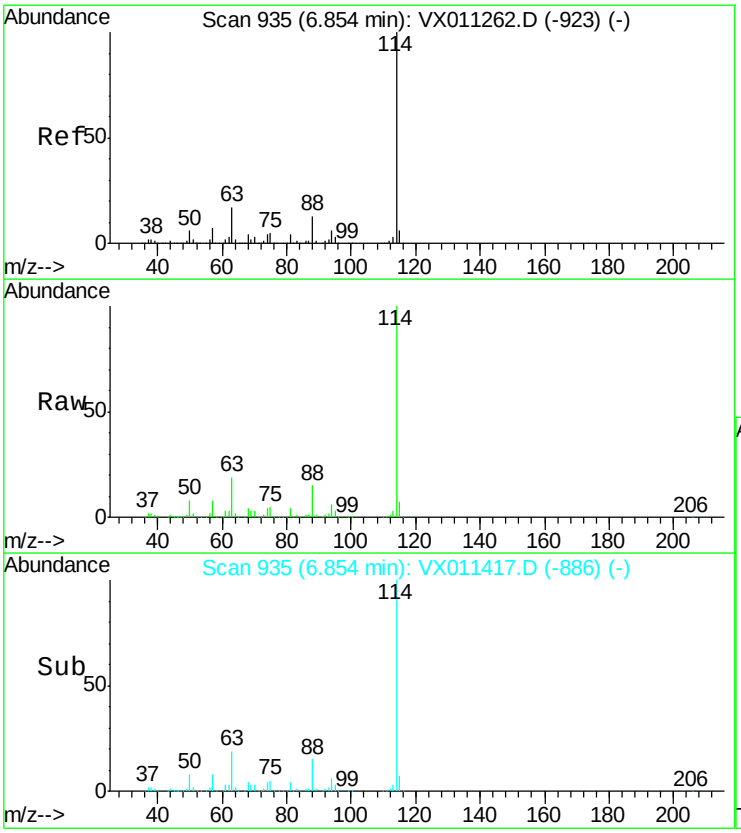
#33
1,2-Dichloroethane-d4
Concen: 51.951 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
Z3-0691

Tgt Ion: 65 Resp: 110703

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	110.6

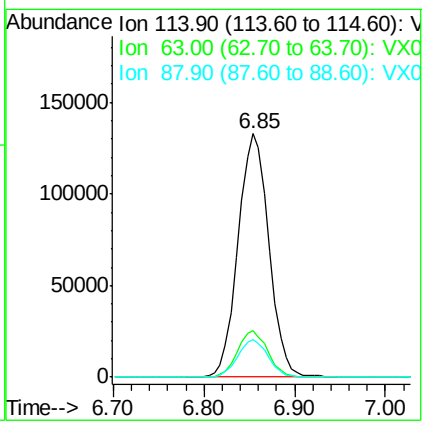


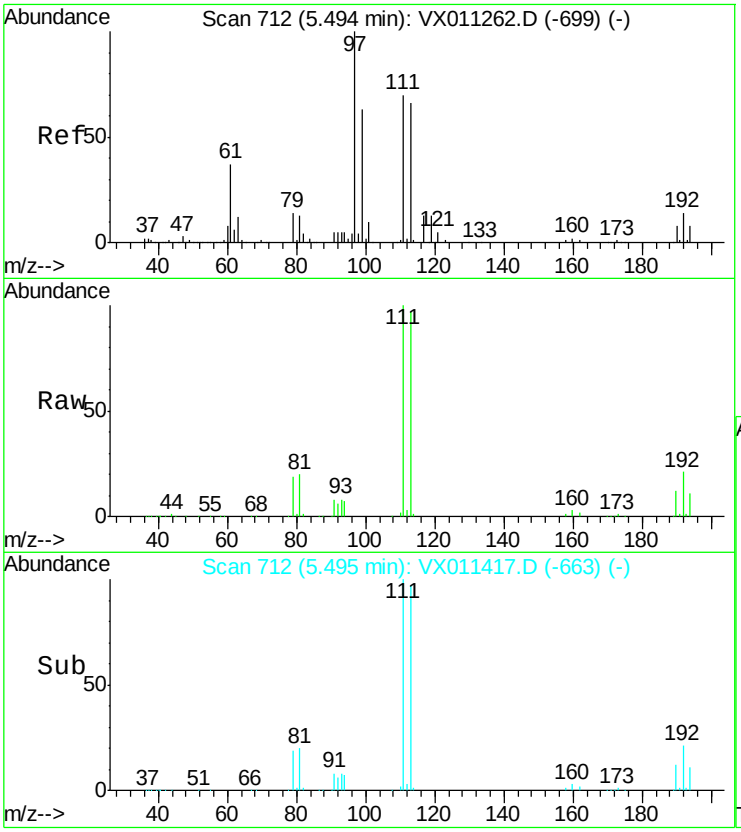


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Tgt Ion:114 Resp: 312594

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	34.0
88	15.3	0.0	26.4



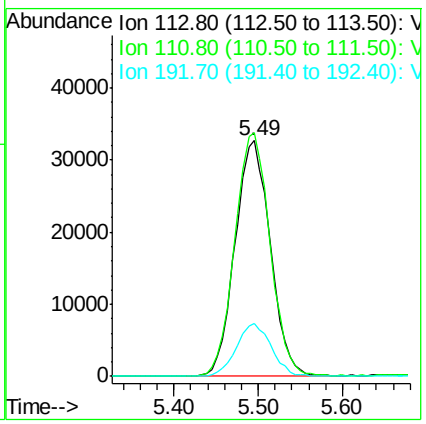


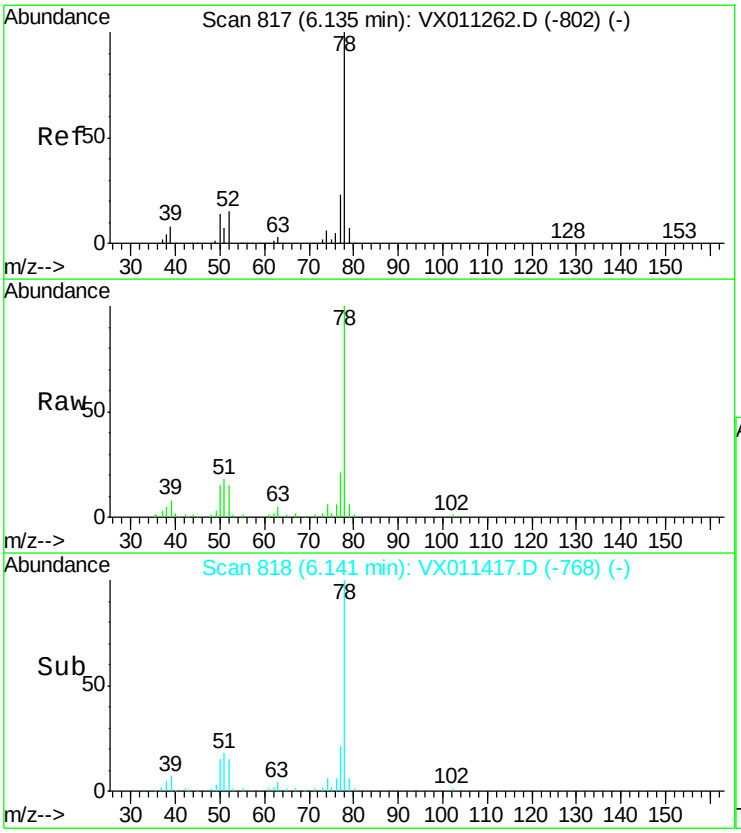
#35
Dibromofluoromethane
Concen: 45.505 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
Z3-0691

Tgt Ion:113 Resp: 92869

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	22.1	17.8	26.8

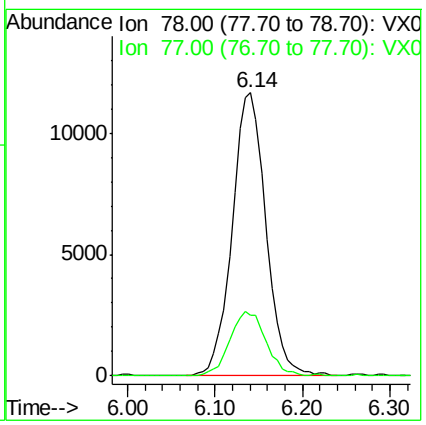


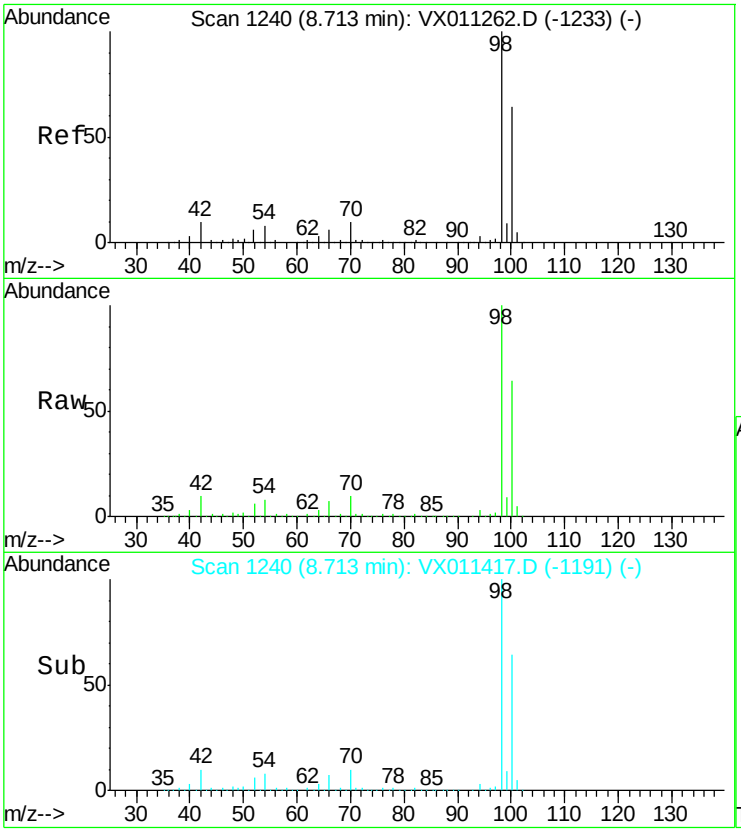


#40
Benzene
Concen: 3.835 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Tgt Ion: 78 Resp: 31237

Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.2	27.2



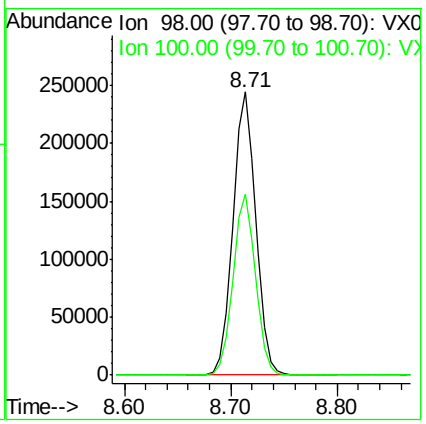


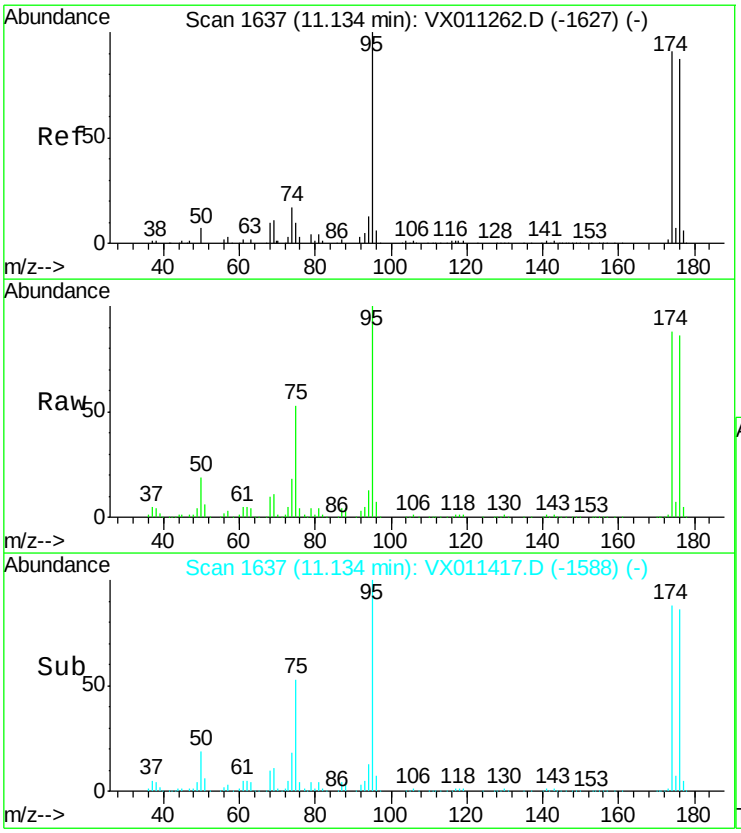
#50
Toluene-d8
Concen: 47.734 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Instrument : MSVOA_X
ClientSampleId : Z3-0691

Tgt Ion: 98 Resp: 367728

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.7	77.5

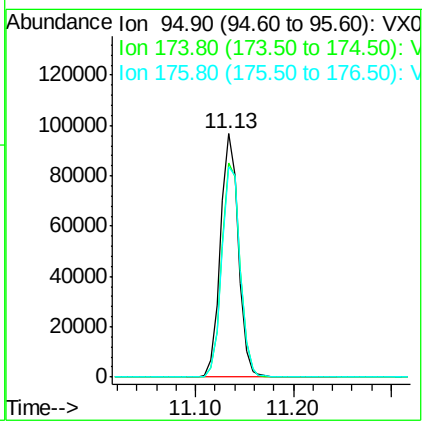


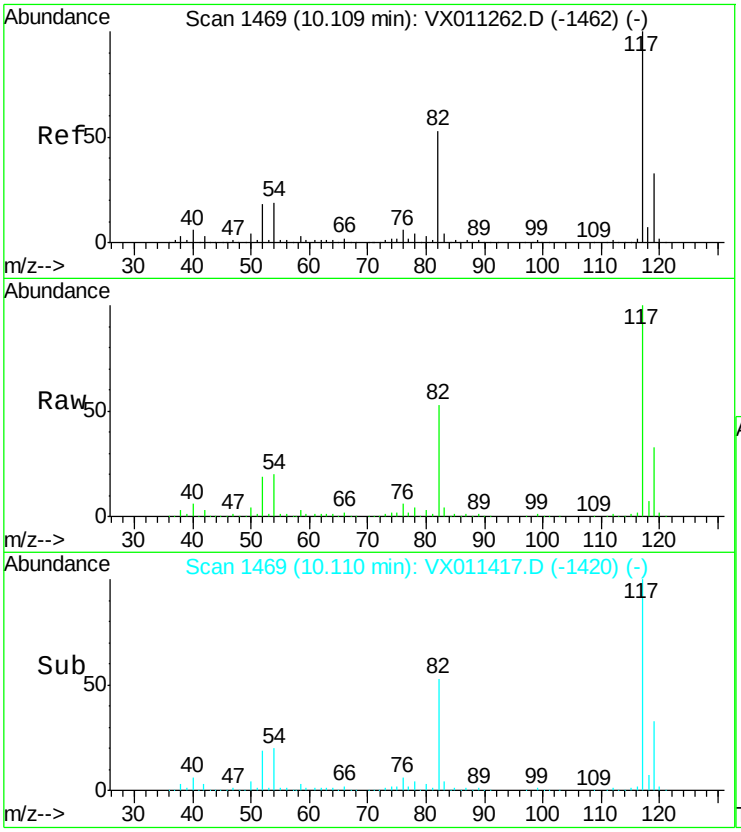


#62
4-Bromofluorobenzene
Concen: 44.772 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Tgt Ion: 95 Resp: 123141

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	191.2
176	88.8	0.0	184.8



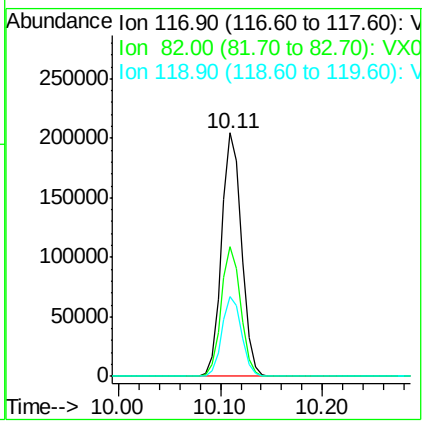


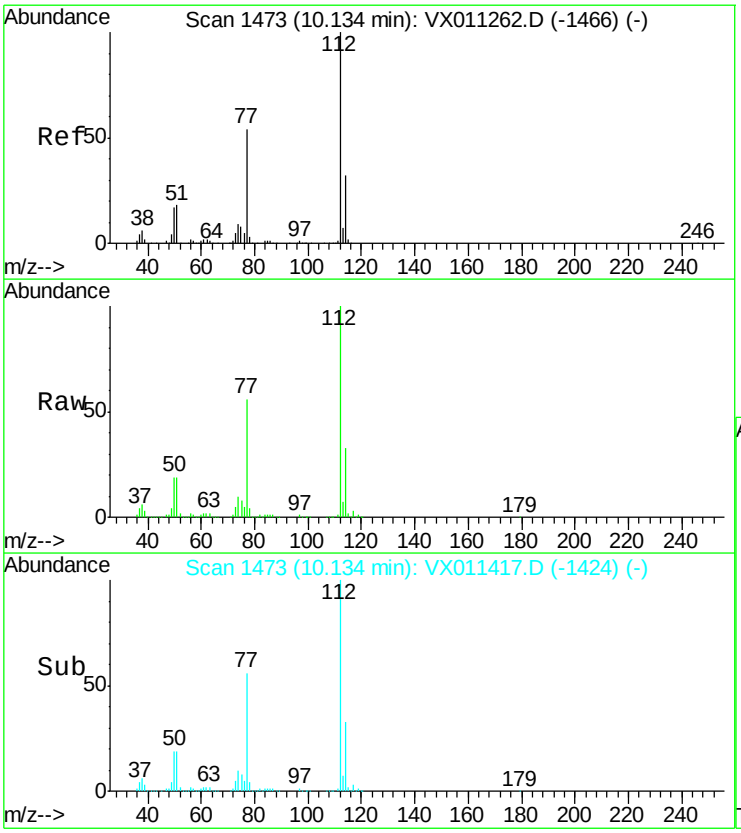
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Instrument : MSVOA_X
ClientSampleId : Z3-0691

Tgt Ion:117 Resp: 277616

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.2
119	32.9	26.6	39.8

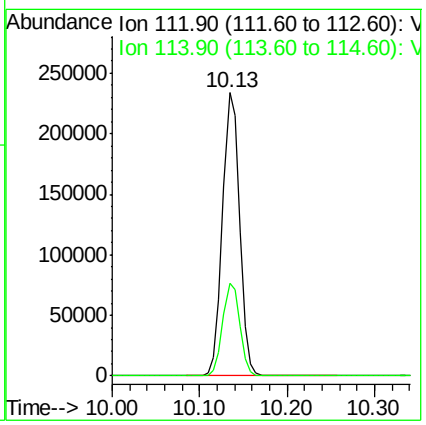


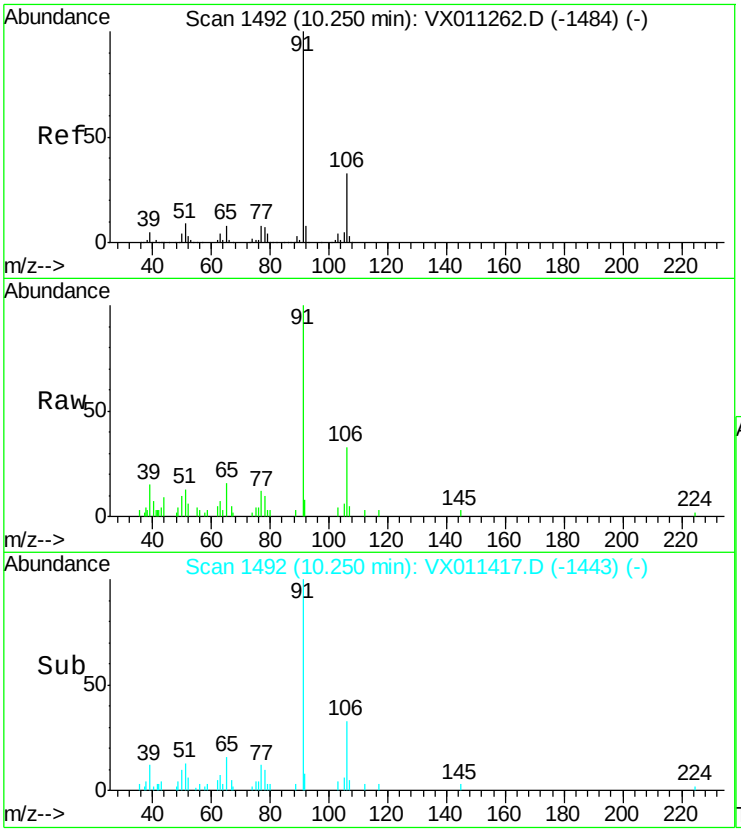


#65
Chlorobenzene
Concen: 53.020 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Tgt Ion:112 Resp: 315598

Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.9	38.9



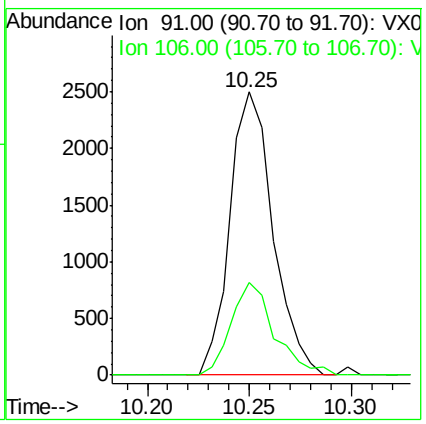


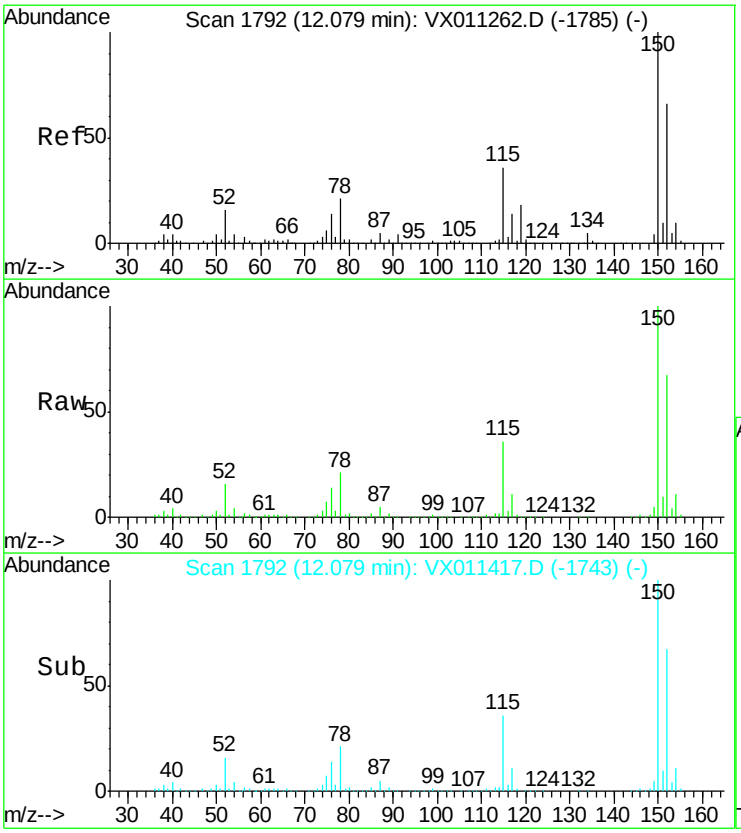
#67
Ethyl Benzene
Concen: 0.367 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Instrument : MSVOA_X
ClientSampleId : Z3-0691

Tgt Ion: 91 Resp: 3662

Ion	Ratio	Lower	Upper
91	100		
106	32.8	26.2	39.4

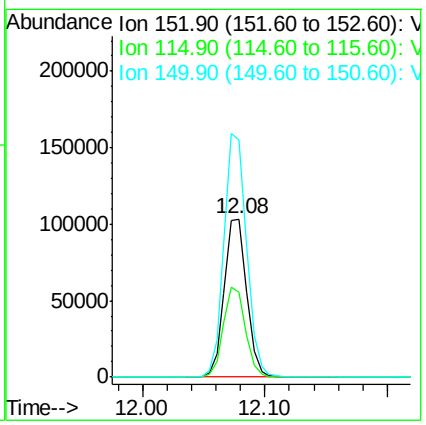


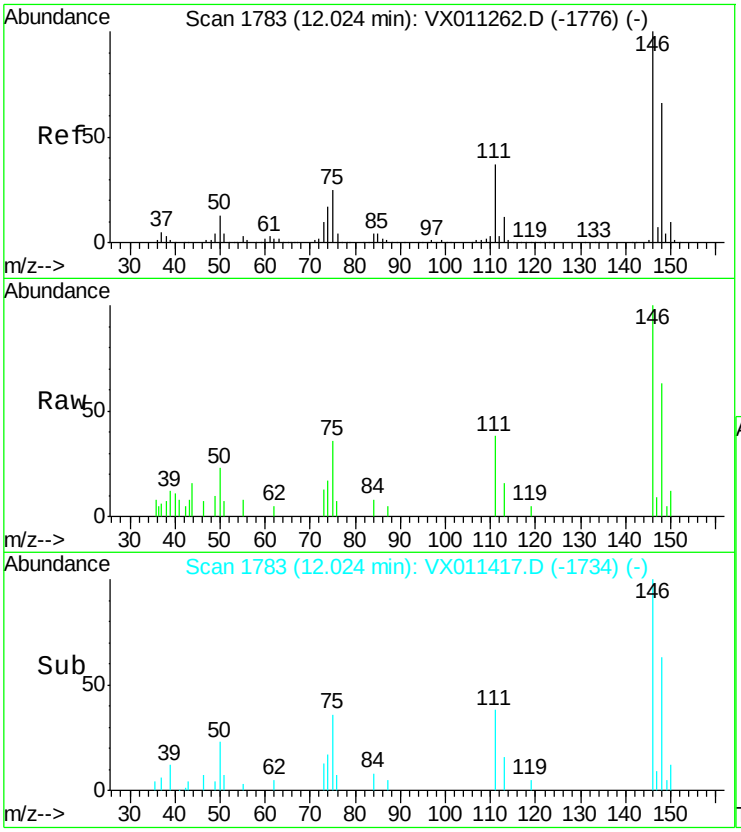


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Tgt Ion:152 Resp: 130613

Ion	Ratio	Lower	Upper
152	100		
115	56.1	40.0	119.9
150	155.3	0.0	350.4



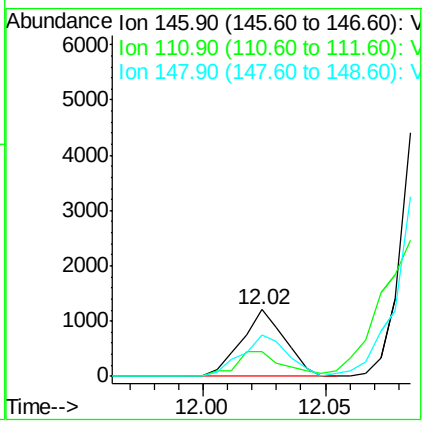


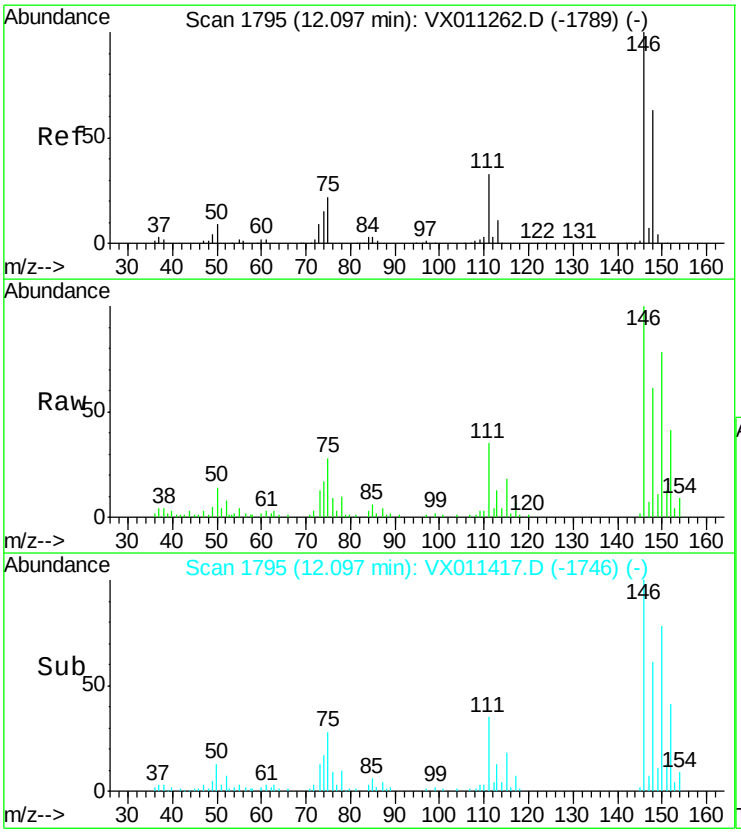
#87
1,3-Dichlorobenzene
Concen: 0.339 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
Z3-0691

Tgt Ion:146 Resp: 1483

Ion	Ratio	Lower	Upper
146	100		
111	41.5	18.6	55.8
148	66.3	32.5	97.5





#88
1,4-Dichlorobenzene
Concen: 2.620 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX011417.D
Acq: 09 Aug 2019 18:02

Tgt Ion:146 Resp: 11823

Ion	Ratio	Lower	Upper
146	100		
111	49.9	17.8	53.4
148	69.4	31.8	95.3