Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016998.D
Acq On : 26 Jun 2020 22:55
Operator : JC/SP
Sample : VX0626WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 27 02:41:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	55944	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	297953	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	271065	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	129669	29.78	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.27%			
60) 4-Bromofluorobenzene	11.12	95	126901	28.07	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.57%			
63) Toluene-d8	8.70	98	350361	29.32	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 97.73%			
Target Compounds						Qvalue
13) Acrolein	2.35	56	213	0.334	ug/l	87
14) Acrylonitrile	3.12	53	802	0.419	ug/l	70
15) Acetone	2.42	58	201	0.406	ug/l #	9
16) Carbon Disulfide	2.56	76	2583	0.257	ug/l #	86
18) Methylene Chloride	2.84	84	1313	0.340	ug/l #	89
22) cis-1,2-Dichloroethene	4.57	96	2359	0.584	ug/l #	70
37) Trichloroethene	7.19	130	13813	3.582	ug/l	92
89) 1,2,4-Trichlorobenzene	13.63	180	1003	0.217	ug/l	94
90) Hexachlorobutadiene	13.77	225	704	0.401	ug/l	96

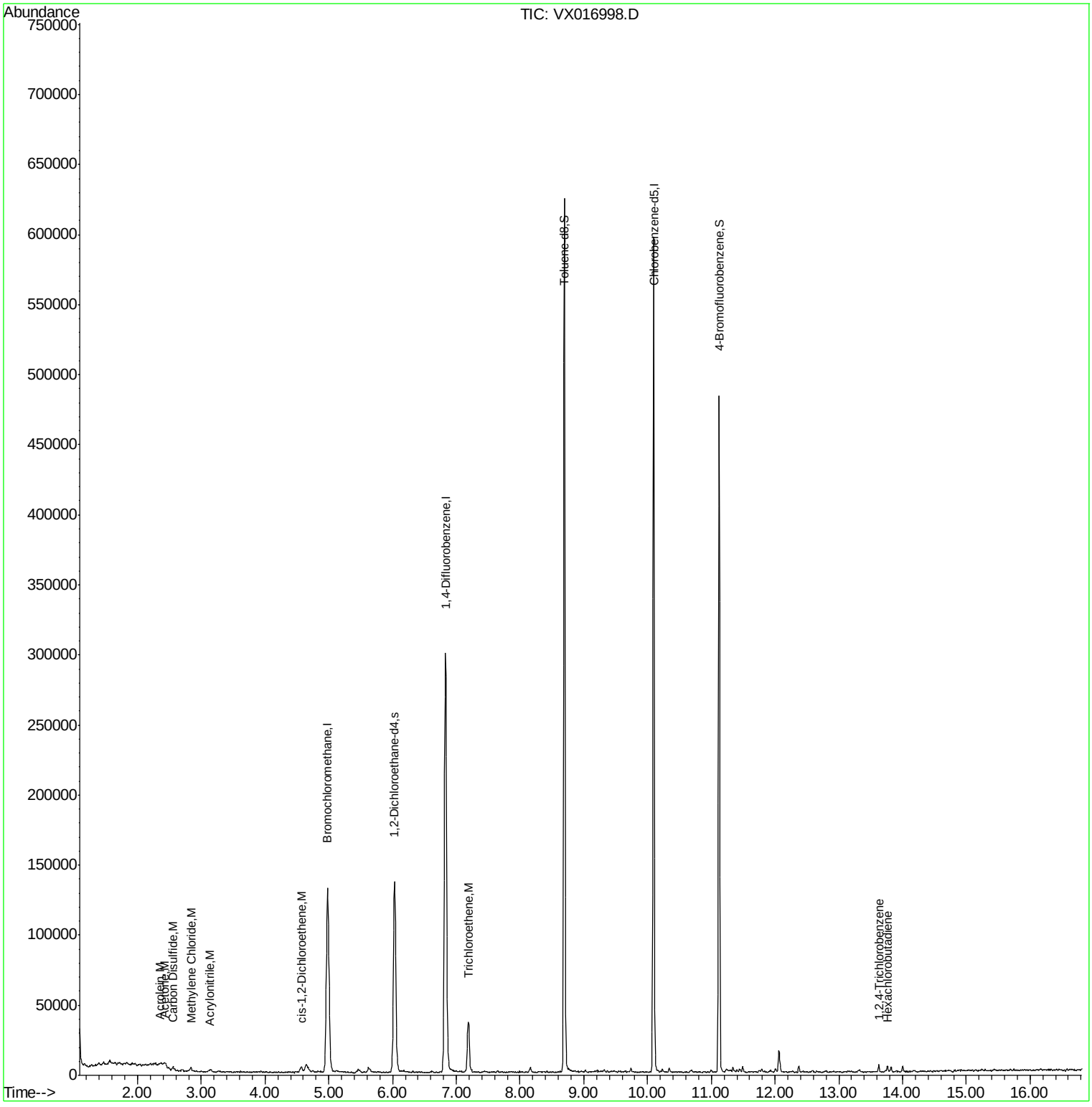
(#) = qualifier out of range (m) = manual integration (+) = signals summed

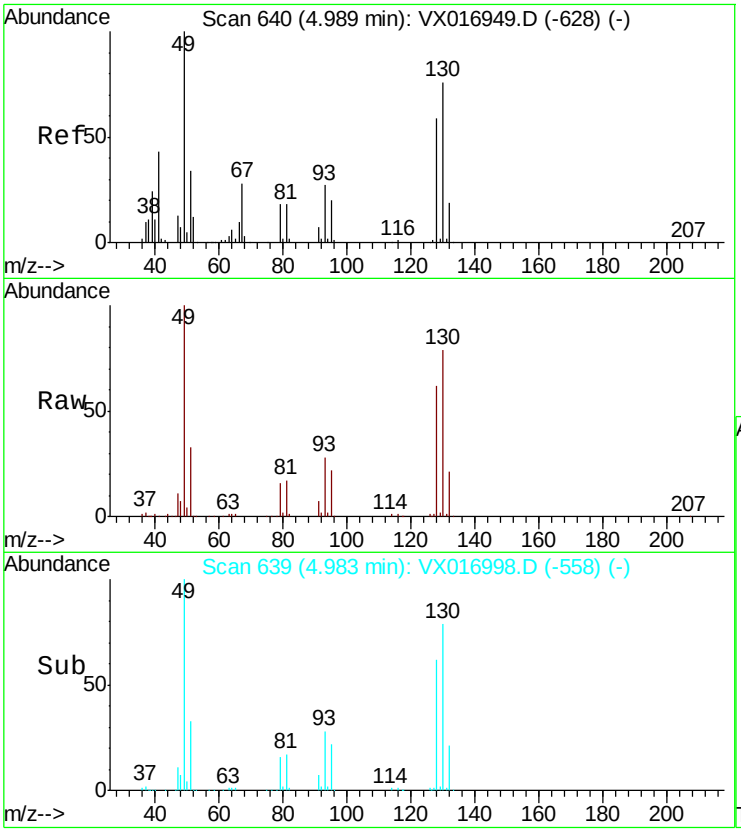
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016998.D
Acq On : 26 Jun 2020 22:55
Operator : JC/SP
Sample : VX0626WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 27 02:41:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration



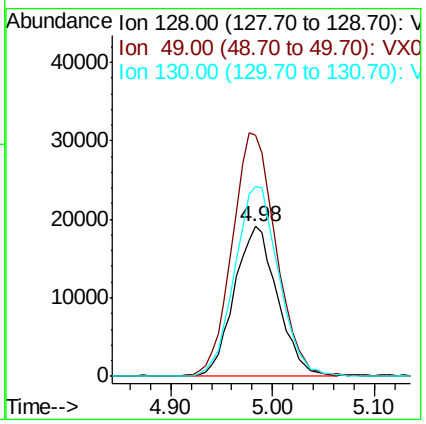


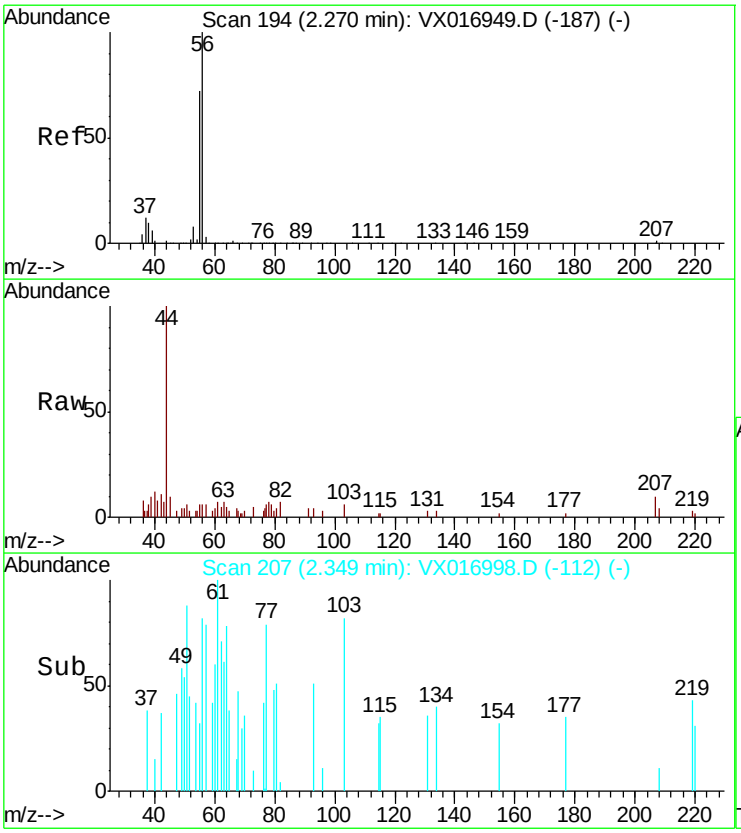
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 55944

Ion	Ratio	Lower	Upper
128	100		
49	165.6	0.0	428.0
130	130.2	0.0	318.0

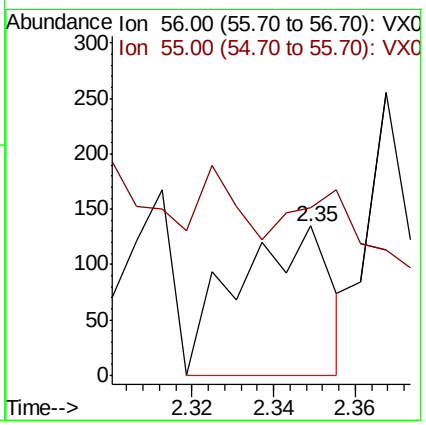


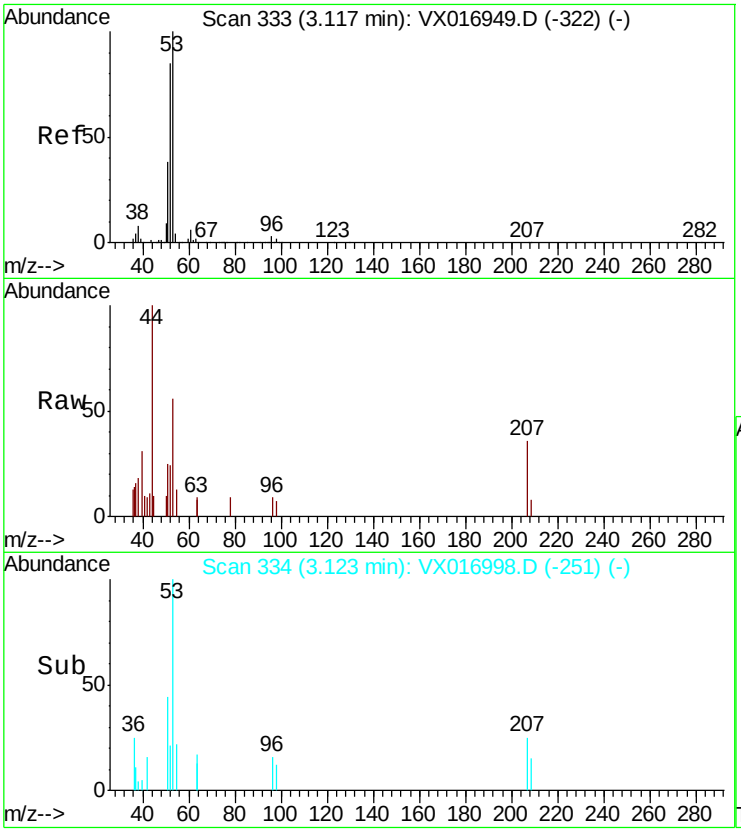


#13
Acrolein
Concen: 0.334 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.08 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Tgt Ion: 56 Resp: 213

Ion	Ratio	Lower	Upper
56	100		
55	81.2	56.2	84.4



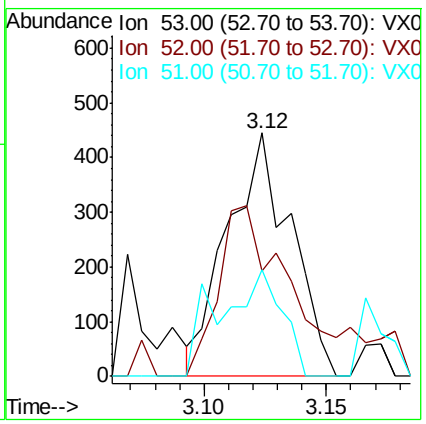


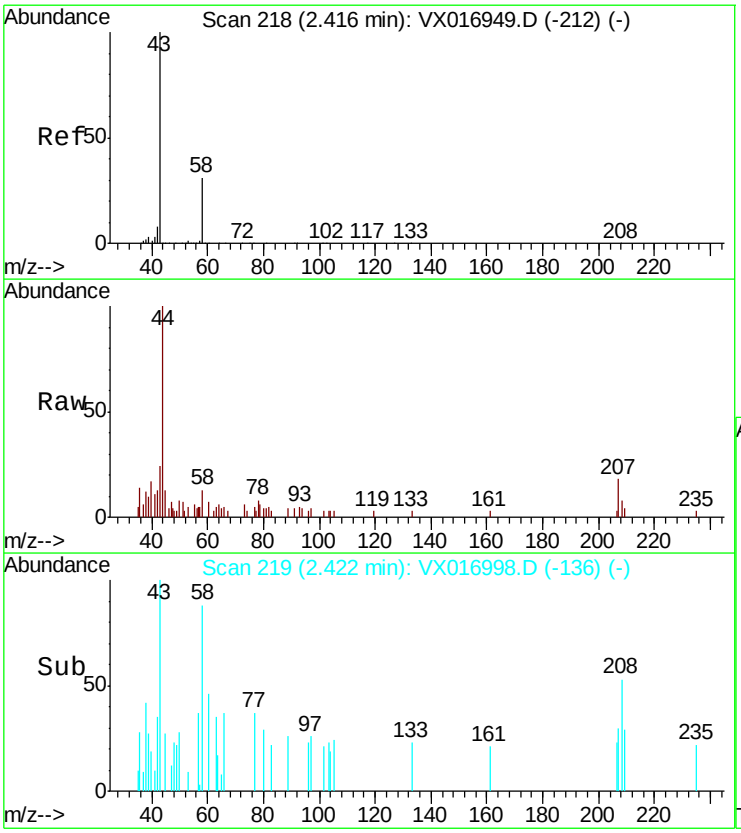
#14
Acrylonitrile
Concen: 0.419 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 802

Ion	Ratio	Lower	Upper
53	100		
52	46.3	40.6	121.8
51	31.0	18.4	55.4

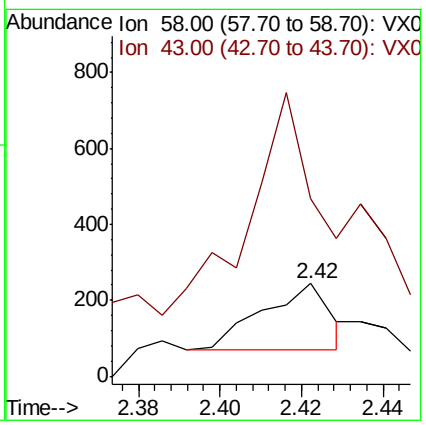


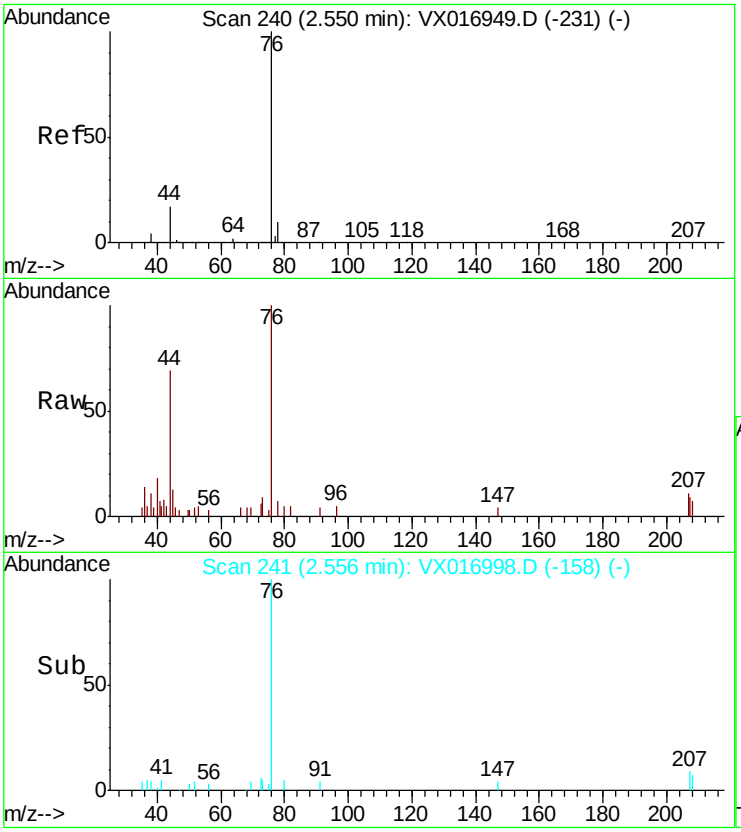


#15
Acetone
Concen: 0.406 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Tgt Ion: 58 Resp: 201

Ion	Ratio	Lower	Upper
58	100		
43	134.3	257.6	386.4#



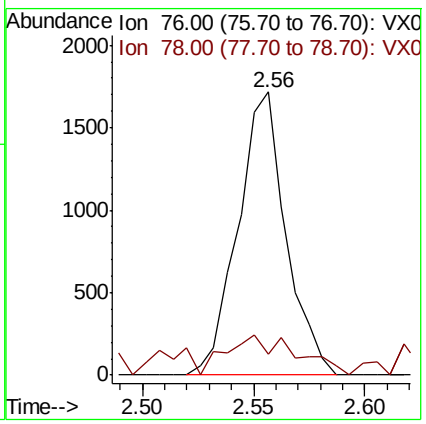


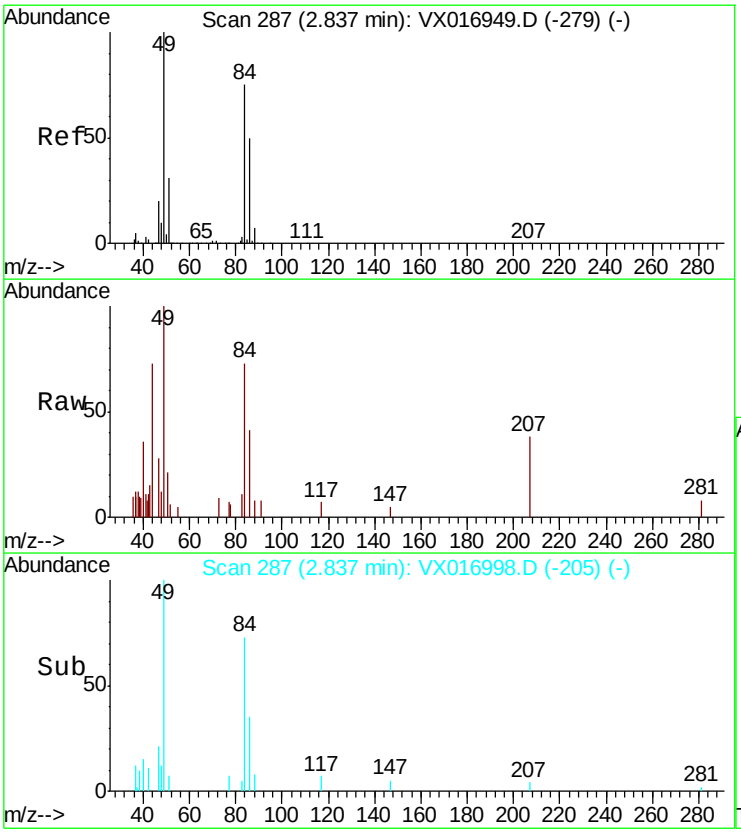
#16
Carbon Disulfide
Concen: 0.257 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 2583

Ion	Ratio	Lower	Upper
76	100		
78	4.3	7.6	11.4#

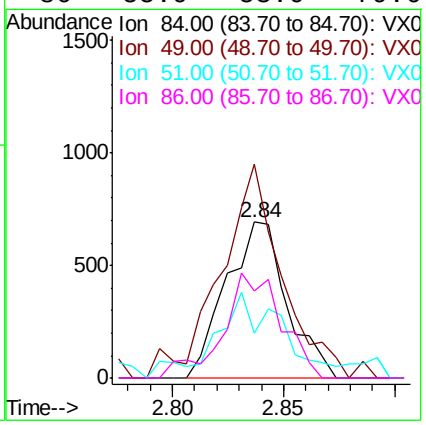


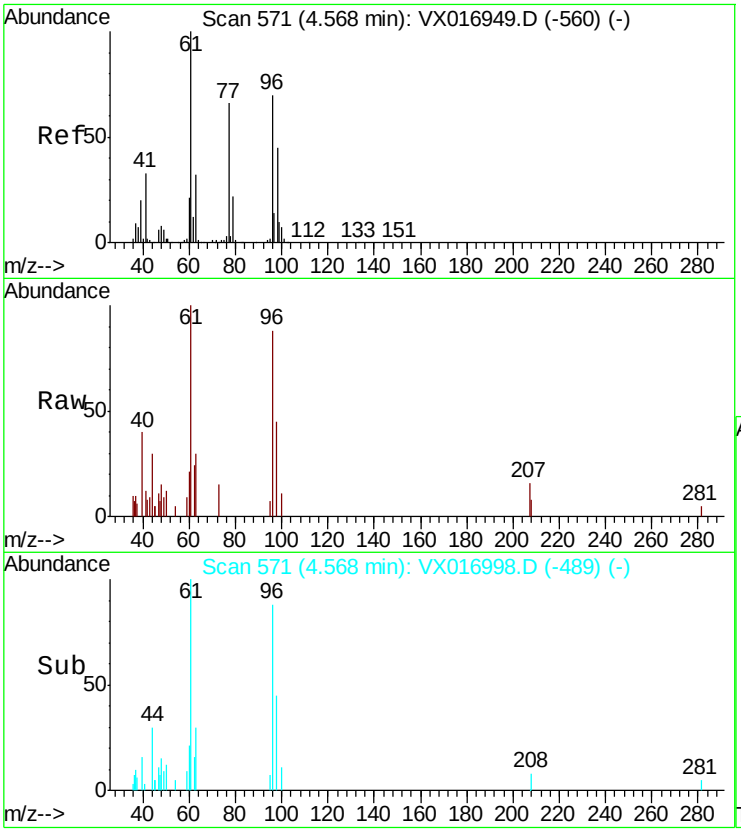


#18
Methylene Chloride
Concen: 0.340 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Tgt Ion: 84 Resp: 1313

Ion	Ratio	Lower	Upper
84	100		
49	128.0	106.6	159.8
51	22.0	32.7	49.1#
86	55.9	53.0	79.6



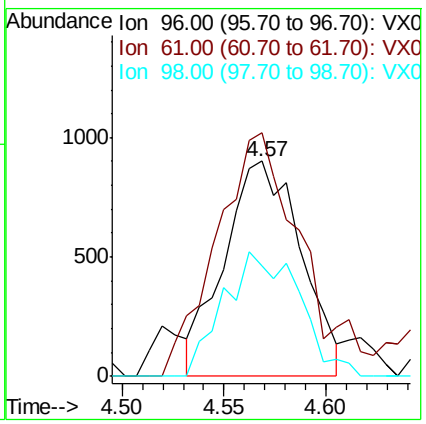


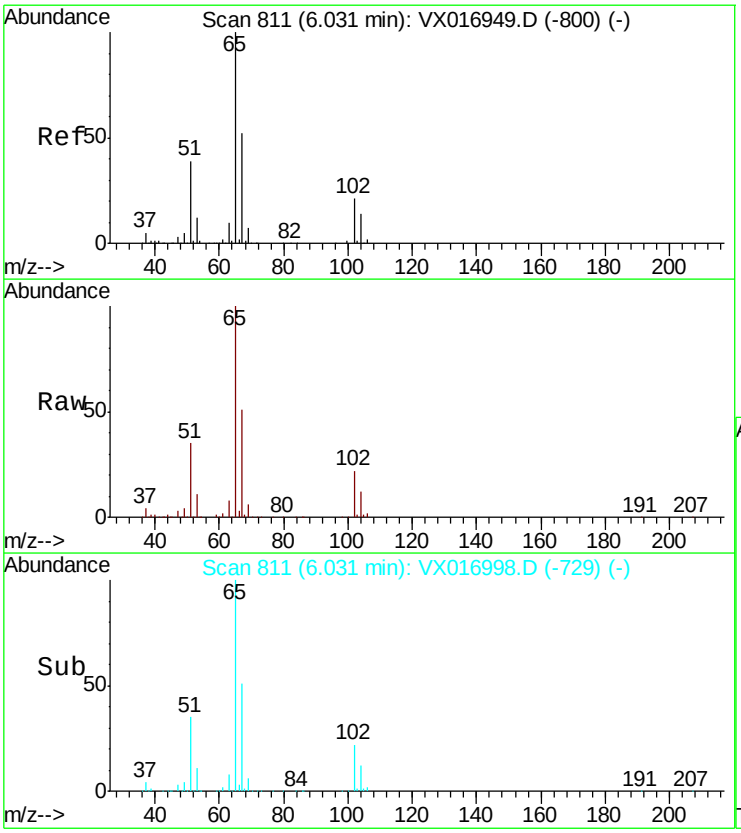
#22
cis-1,2-Dichloroethene
Concen: 0.584 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 2359

Ion	Ratio	Lower	Upper
96	100		
61	115.8	120.8	181.2#
98	37.6	51.7	77.5#

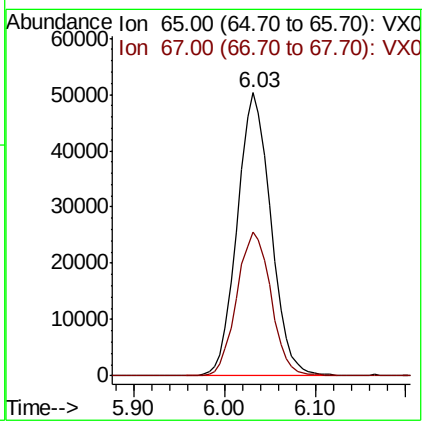


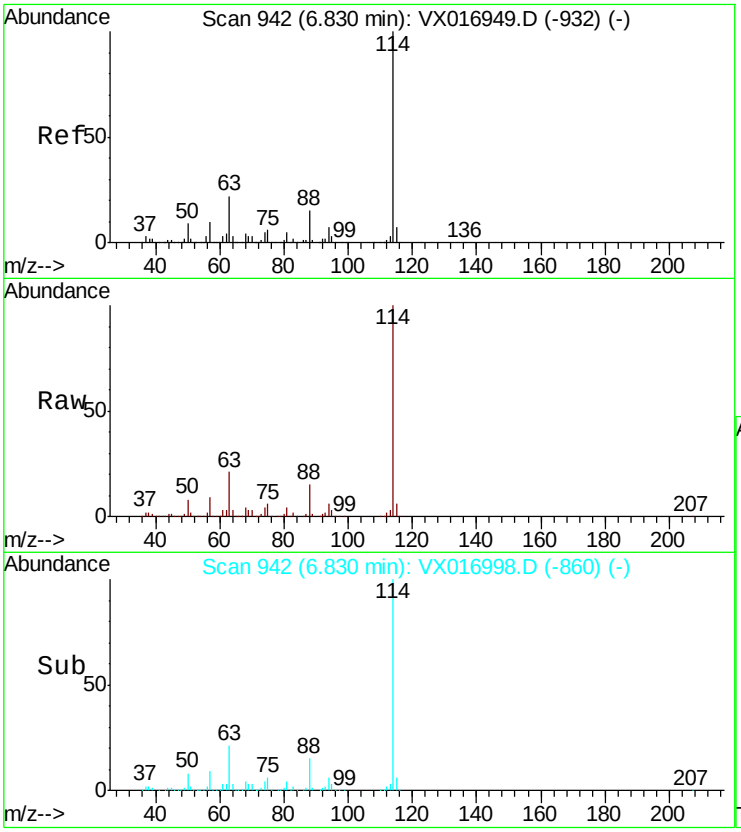


#27
1,2-Dichloroethane-d4
Concen: 29.779 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Tgt Ion: 65 Resp: 129669

Ion	Ratio	Lower	Upper
65	100		
67	51.6	41.5	62.3



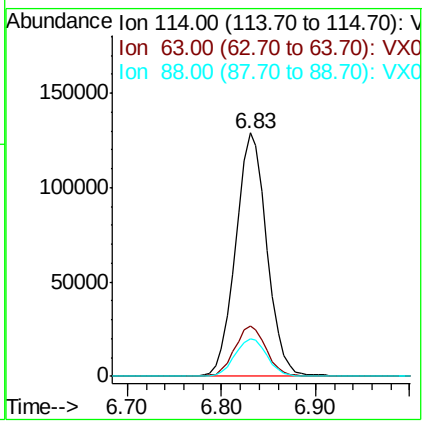


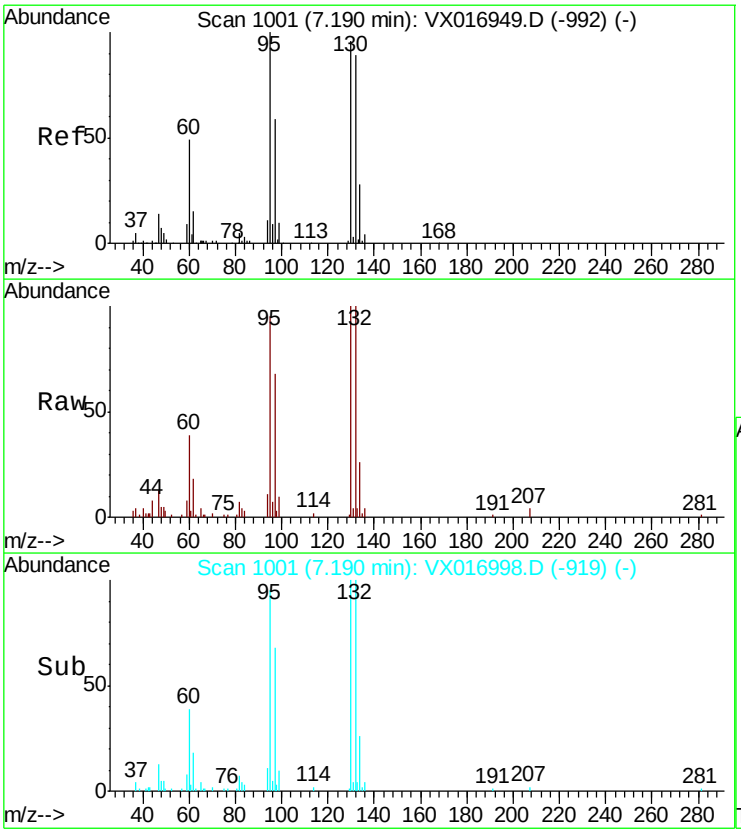
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 297953

Ion	Ratio	Lower	Upper
114	100		
63	21.0	17.4	26.2
88	15.8	13.0	19.6

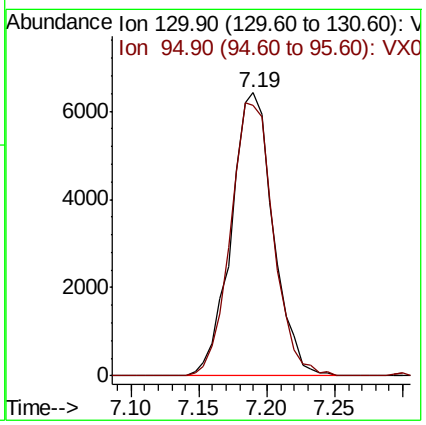


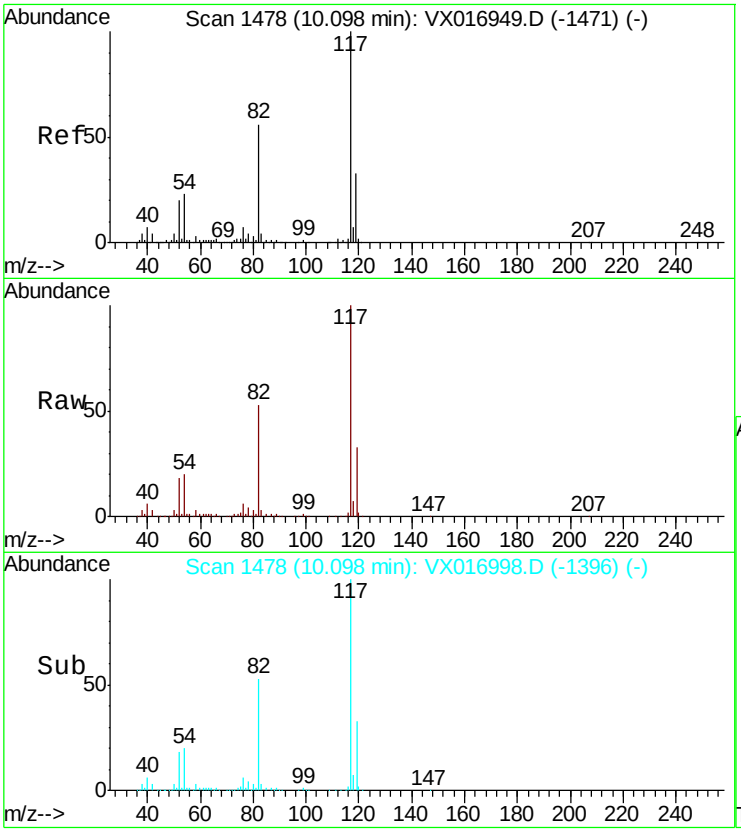


#37
Trichloroethene
Concen: 3.582 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Tgt Ion:130 Resp: 13813

Ion	Ratio	Lower	Upper
130	100		
95	95.7	83.1	124.7



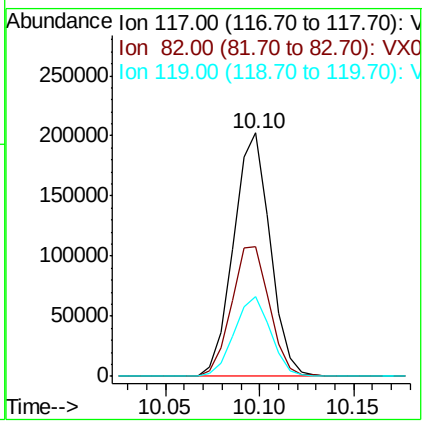


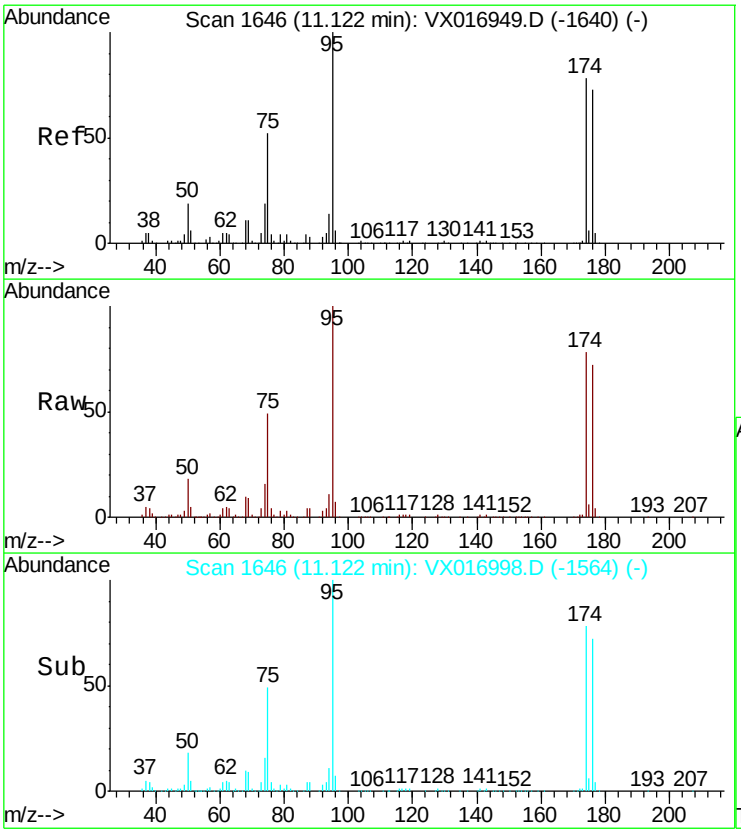
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 271065

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.9	67.3
119	32.7	25.8	38.8

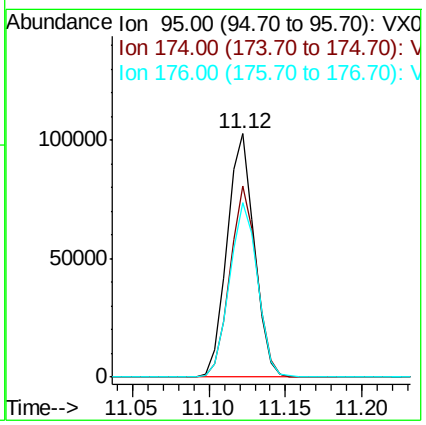


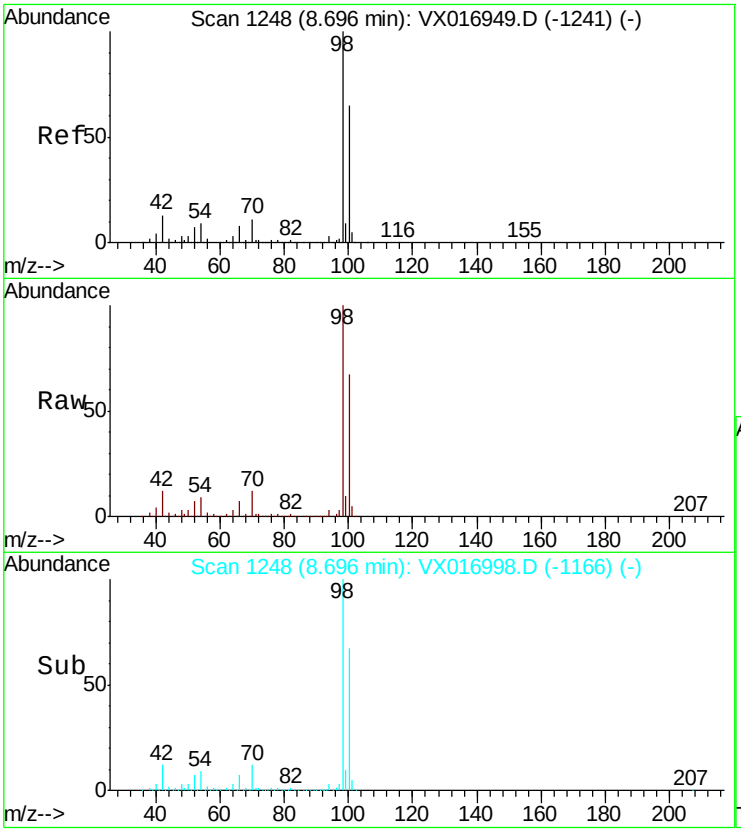


#60
4-Bromofluorobenzene
Concen: 28.072 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Tgt Ion: 95 Resp: 126901

Ion	Ratio	Lower	Upper
95	100		
174	77.3	62.2	93.4
176	73.4	58.9	88.3



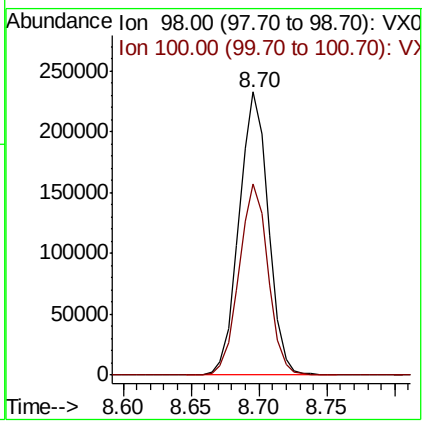


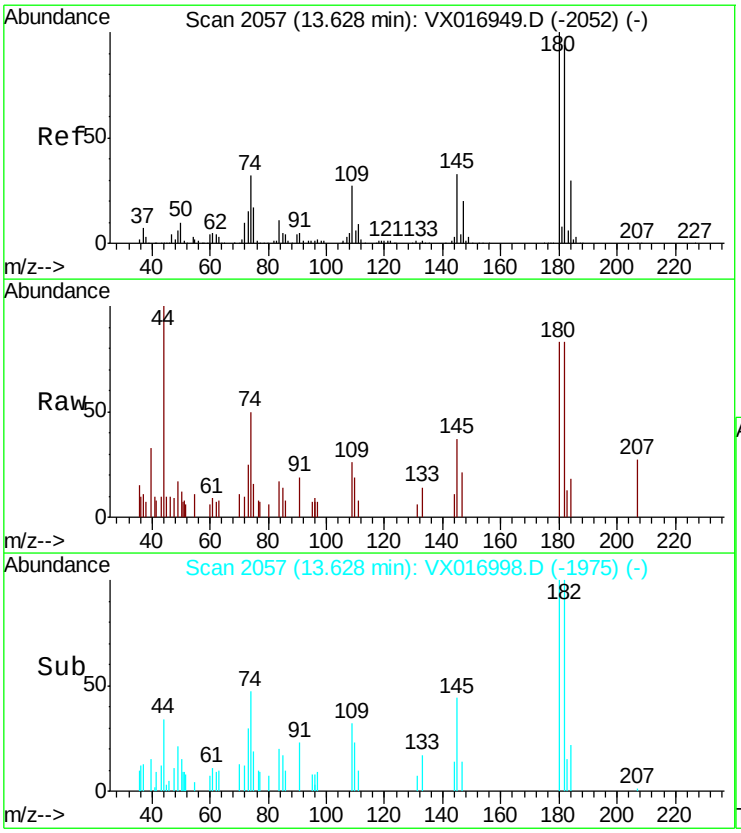
#63
Toluene-d8
Concen: 29.322 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 350361

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.3	78.5

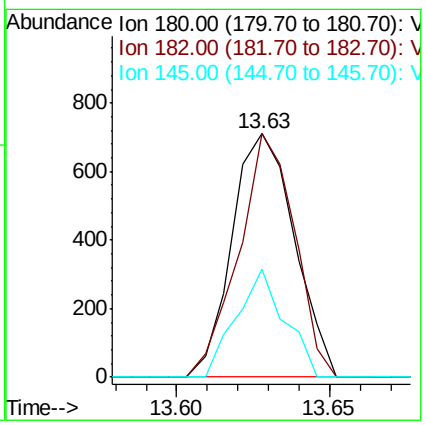


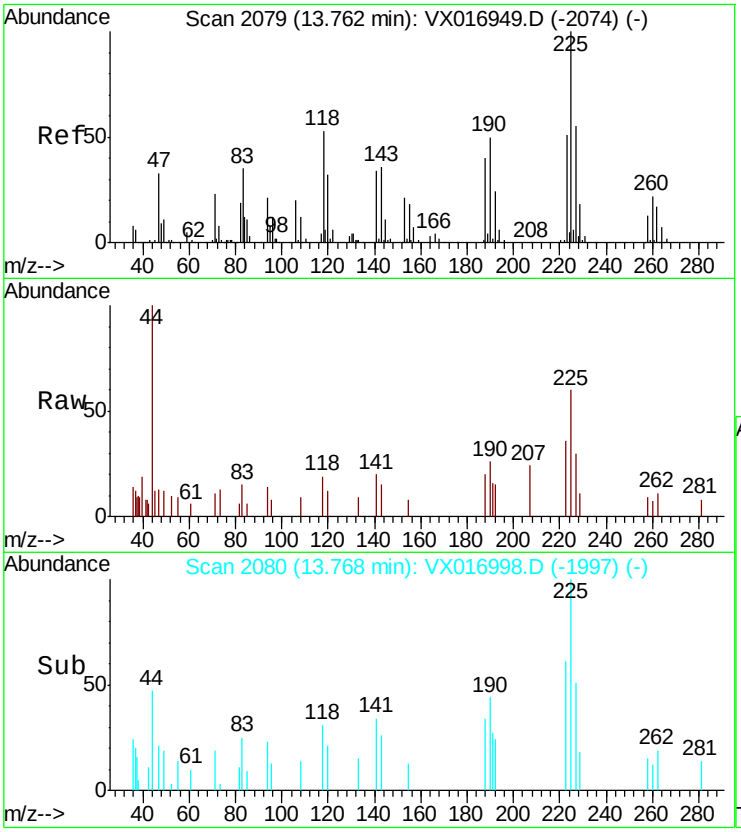


#89
1,2,4-Trichlorobenzene
Concen: 0.217 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Tgt Ion:180 Resp: 1003

Ion	Ratio	Lower	Upper
180	100		
182	90.1	77.7	116.5
145	34.3	26.2	39.2





#90
Hexachlorobutadiene
Concen: 0.401 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 704

Ion	Ratio	Lower	Upper
225	100		
223	58.2	0.0	125.0
227	63.5	0.0	124.0