Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
Data File : VX018439.D
Acq On : 16 Sep 2020 14:56
Operator : JC/SP
Sample : L3988-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-DUP04-20200909

Quant Time: Sep 17 04:18:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.63	168	435247	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	697258	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	687268	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	340380	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	313972	51.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.92%				
35) Dibromofluoromethane	5.47	113	242567	51.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.16%				
50) Toluene-d8	8.70	98	842287	47.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.24%				
62) 4-Bromofluorobenzene	11.12	95	320979	46.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.26%				
Target Compounds							Qvalue
10) Methyl Iodide	2.51	142	1309	5.553	ug/l	#	65
11) Tert butyl alcohol	3.01	59	489	0.416	ug/l	#	1
12) 1,1-Dichloroethene	2.36	96	2560	0.602	ug/l	#	68
13) Acrolein	2.27	56	882	1.811	ug/l	#	44
15) Acrylonitrile	3.11	53	597	0.224	ug/l	#	32
16) Acetone	2.42	43	3243	1.377	ug/l		95
17) Carbon Disulfide	2.55	76	3181	0.247	ug/l	#	92
20) Methylene Chloride	2.82	84	407	Below Cal		#	32
24) 1,1-Dichloroethane	3.67	63	35040	4.081	ug/l		98
25) 2-Butanone	4.65	43	1449	0.374	ug/l	#	51
31) Cyclohexane	5.63	56	9583	1.325	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	35573	5.531	ug/l	#	52
38) Carbon Tetrachloride	5.63	117	44877	6.192	ug/l	#	17
41) Methacrylonitrile	4.99	41	1044	0.255	ug/l	#	44
49) 1,4-Dioxane	7.71	88	320	2.941	ug/l	#	1
59) 2-Hexanone	9.60	43	126707	22.360	ug/l	#	37
76) 1,2,3-Trichloropropane	11.12	75	169755	22.419	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.12	75	169755	60.550	ug/l	#	12
92) 1,2-Dibromo-3-Chloropropan	12.98	75	456	0.230	ug/l	#	25
93) 1,2,4-Trichlorobenzene	13.63	180	3182	0.465	ug/l	#	91
94) Hexachlorobutadiene	13.77	225	669	0.248	ug/l		84
96) 1,2,3-Trichlorobenzene	14.01	180	1594	0.236	ug/l	#	86

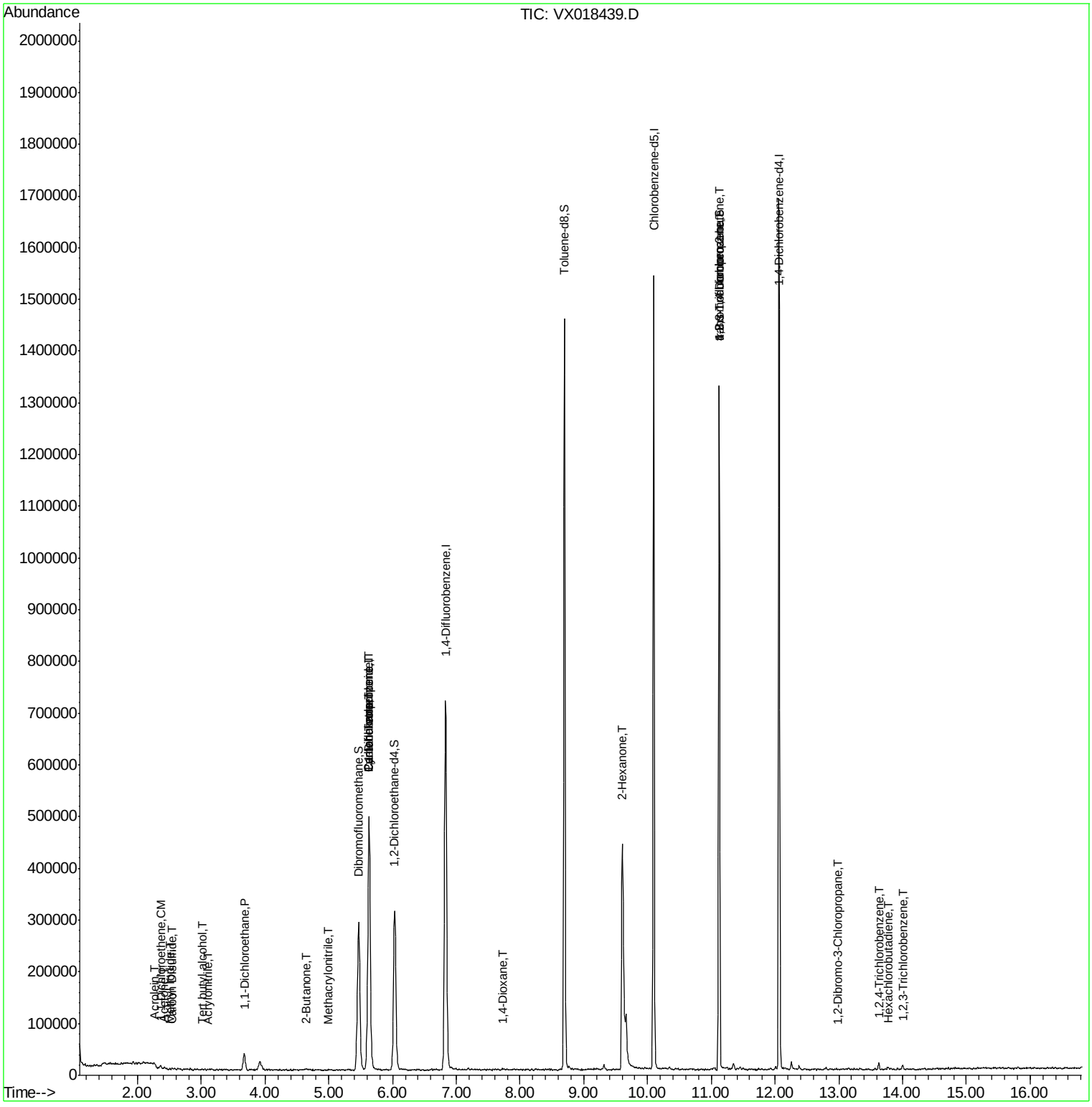
(#) = qualifier out of range (m) = manual integration (+) = signals summed

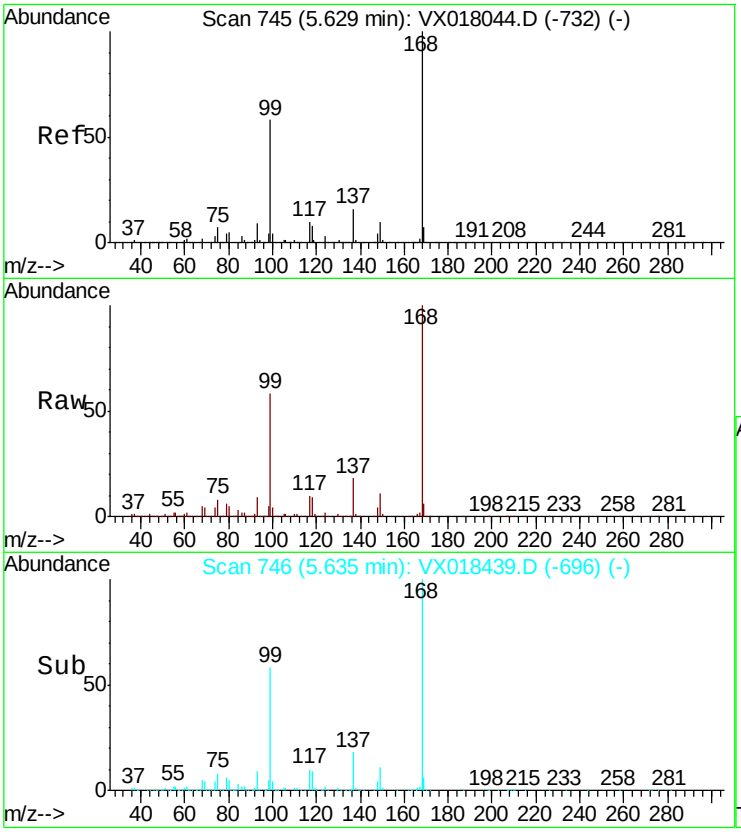
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
Data File : VX018439.D
Acq On : 16 Sep 2020 14:56
Operator : JC/SP
Sample : L3988-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Quant Time: Sep 17 04:18:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration



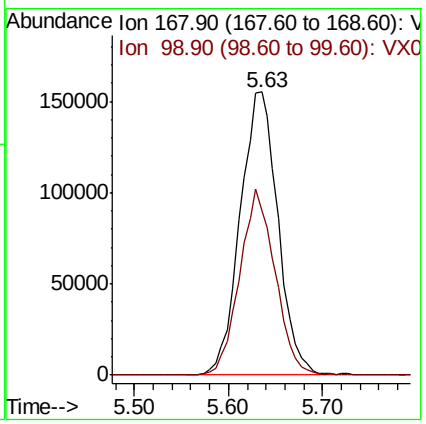


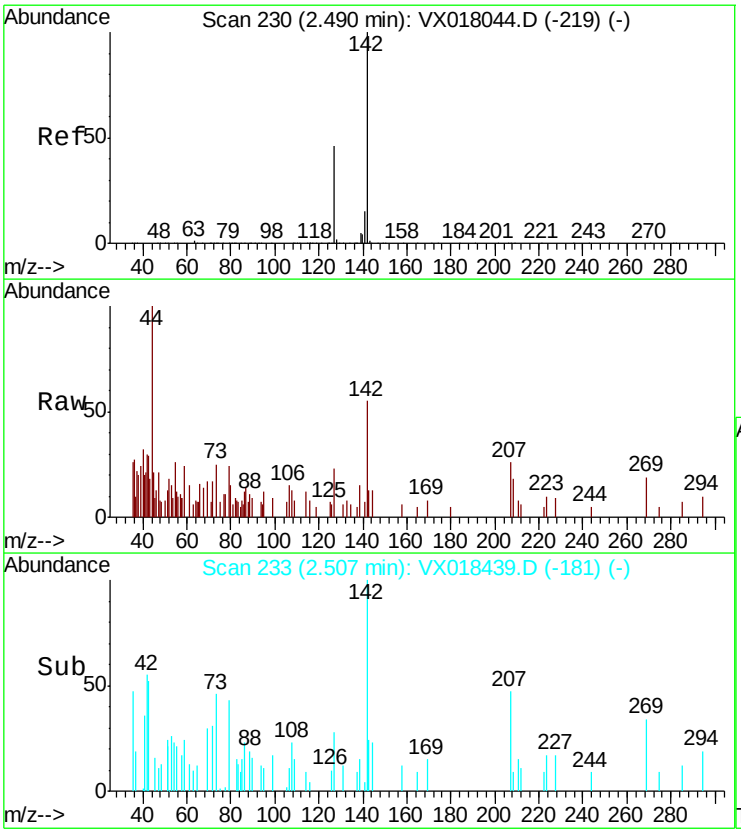
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion:168 Resp: 435247

Ion	Ratio	Lower	Upper
168	100		
99	58.2	46.3	69.5

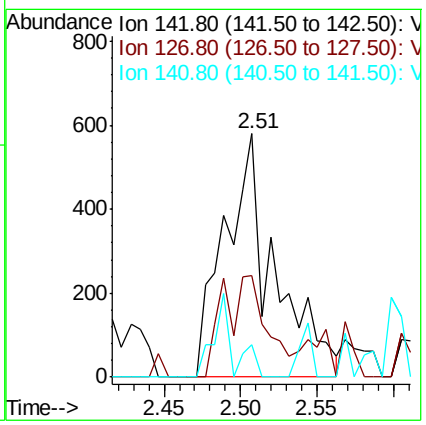


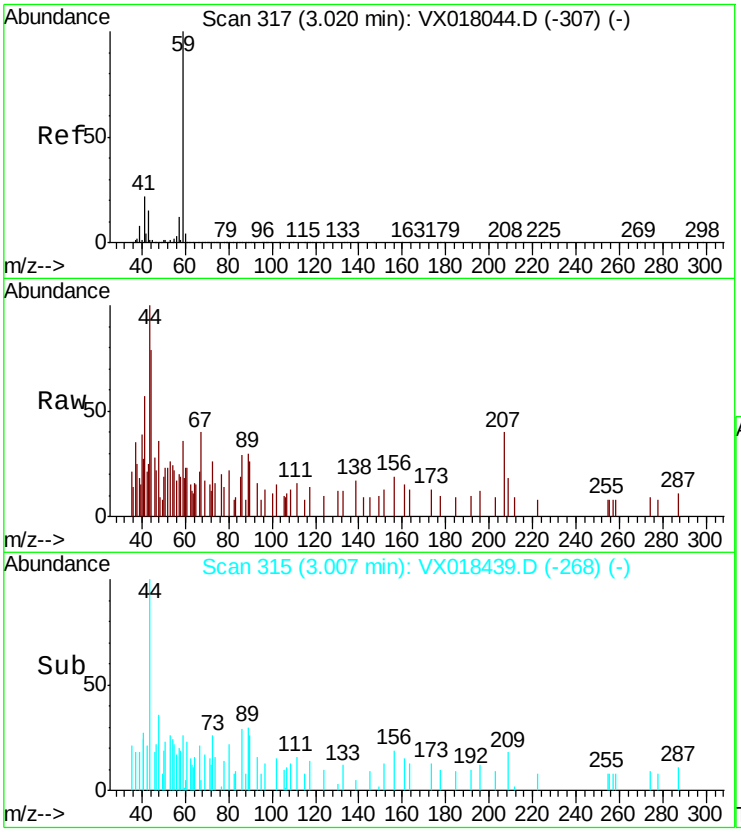


#10
Methyl Iodide
Concen: 5.553 ug/l
RT: 2.51 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion:142 Resp: 1309

Ion	Ratio	Lower	Upper
142	100		
127	23.5	37.0	55.6#
141	0.0	11.5	17.3#



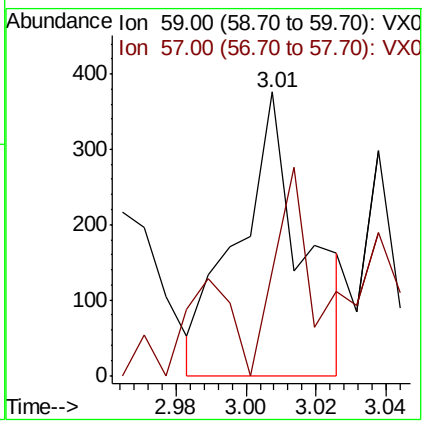


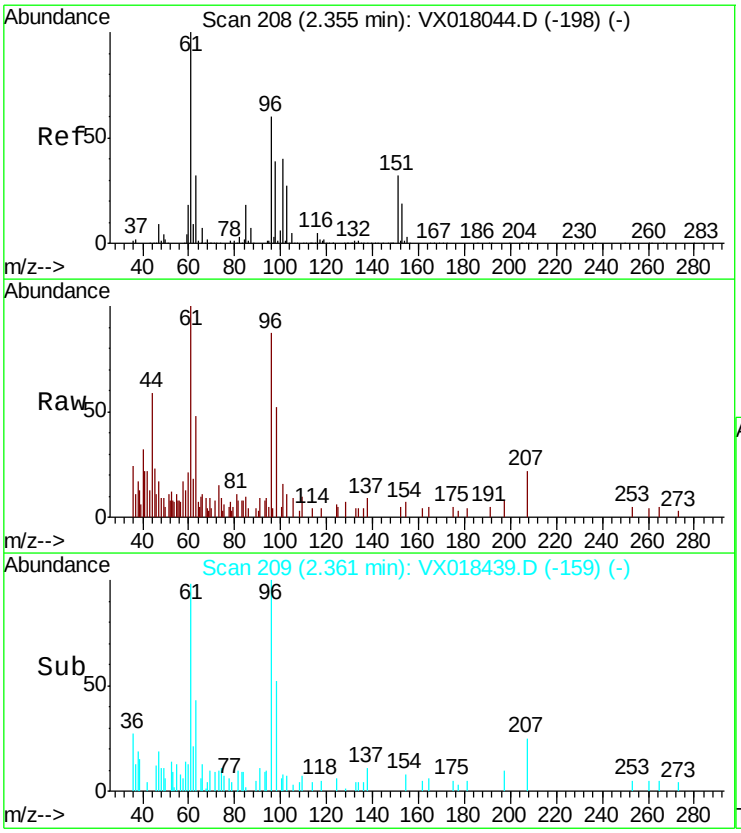
#11
Tert butyl alcohol
Concen: 0.416 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion: 59 Resp: 489

Ion	Ratio	Lower	Upper
59	100		
57	51.1	8.9	13.3#

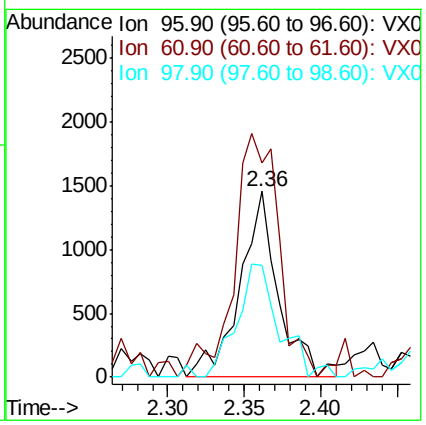


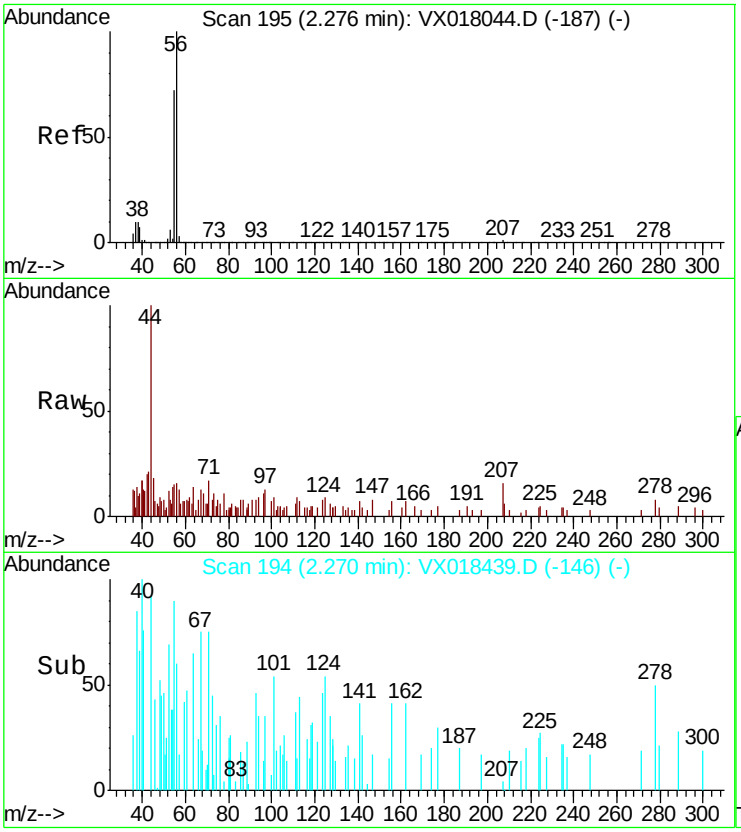


#12
1,1-Dichloroethene
Concen: 0.602 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion: 96 Resp: 2560

Ion	Ratio	Lower	Upper
96	100		
61	108.6	133.0	199.4#
98	60.4	51.6	77.4



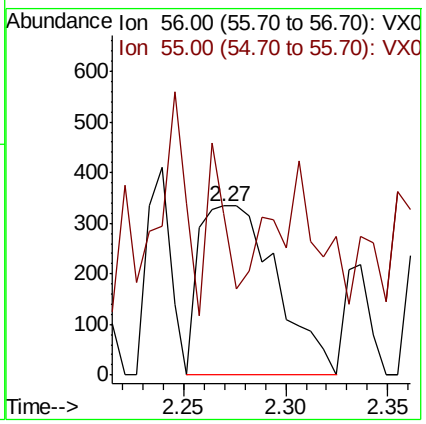


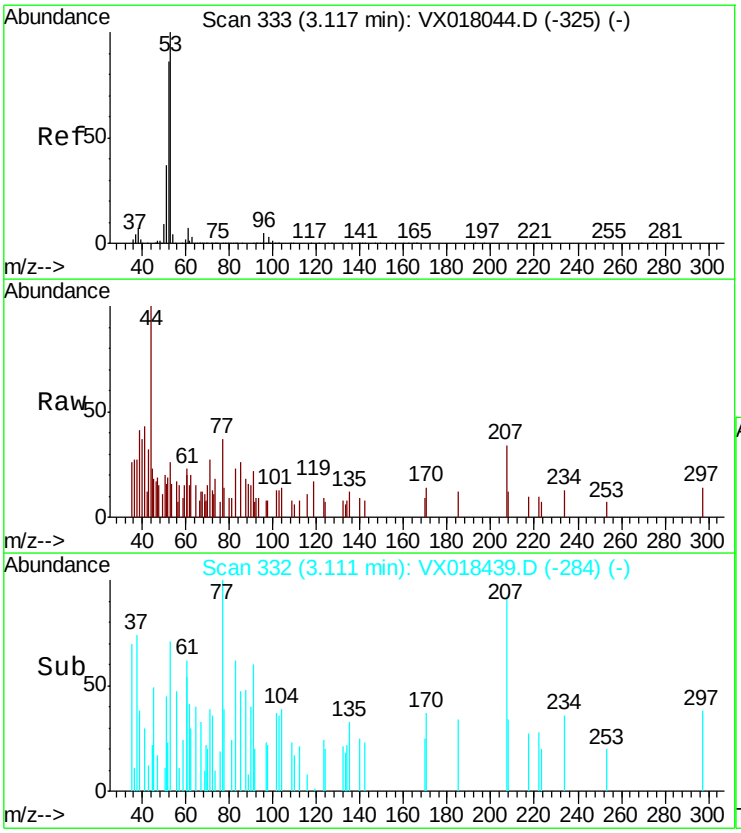
#13
Acrolein
Concen: 1.811 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion: 56 Resp: 882

Ion	Ratio	Lower	Upper
56	100		
55	24.6	57.0	85.6#

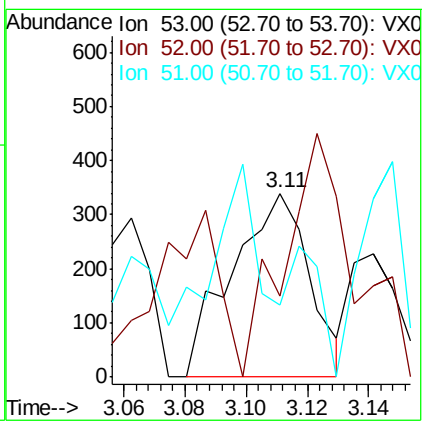


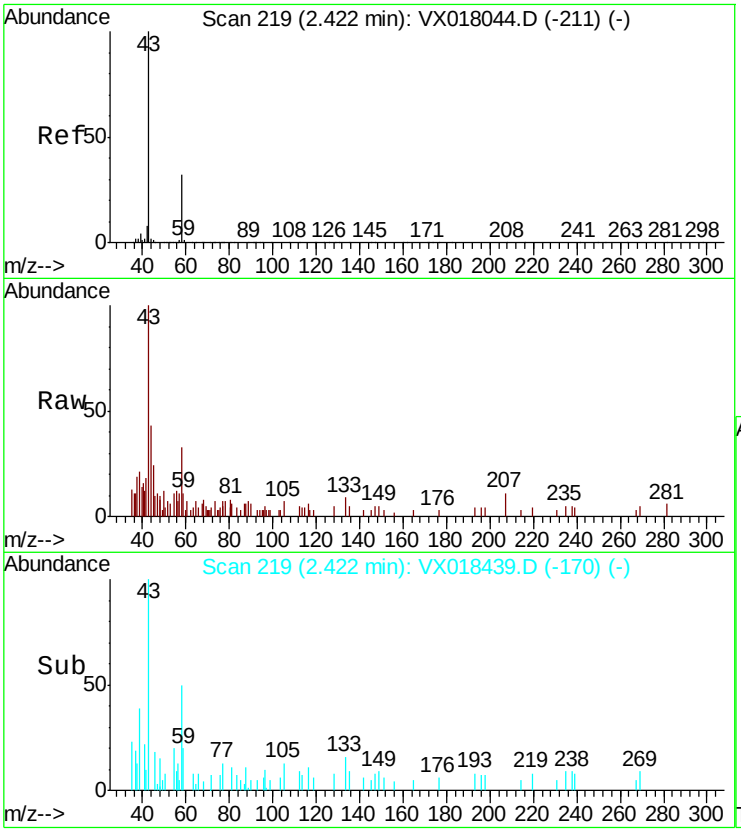


#15
Acrylonitrile
Concen: 0.224 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion: 53 Resp: 597

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.9	100.3#
51	42.7	28.7	43.1



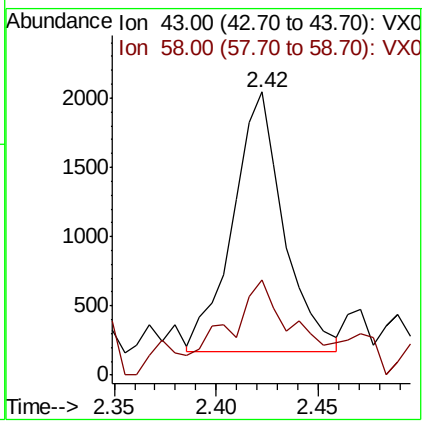


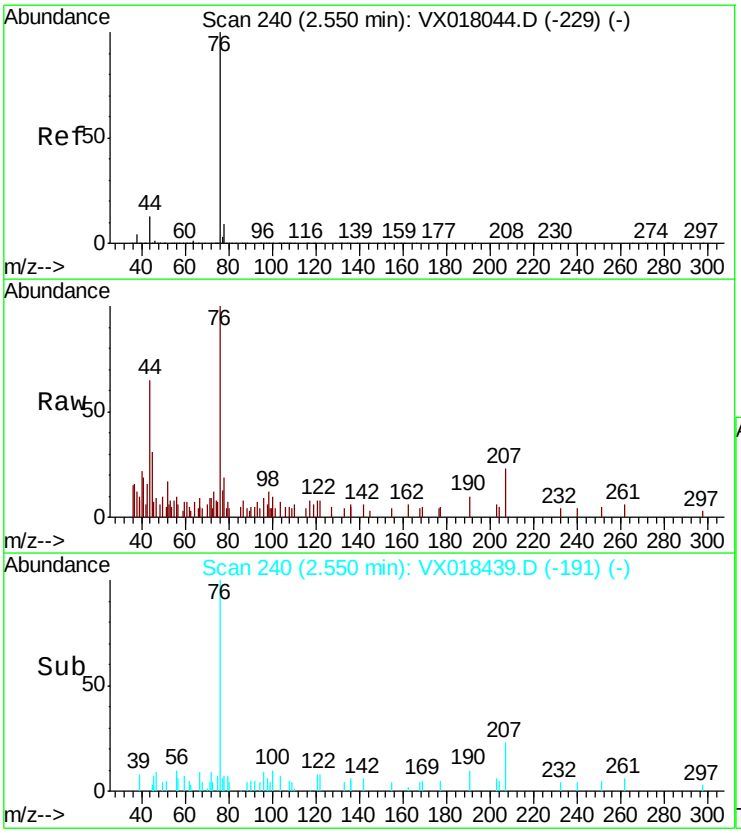
#16
Acetone
Concen: 1.377 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion: 43 Resp: 3243

Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.5	38.3

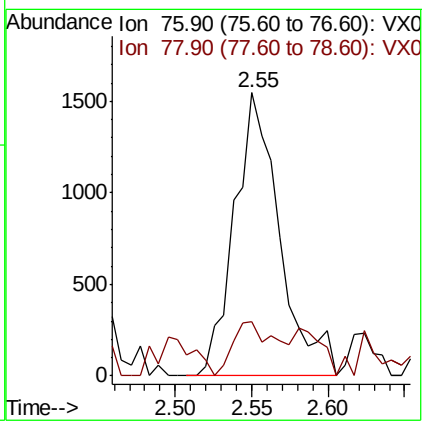


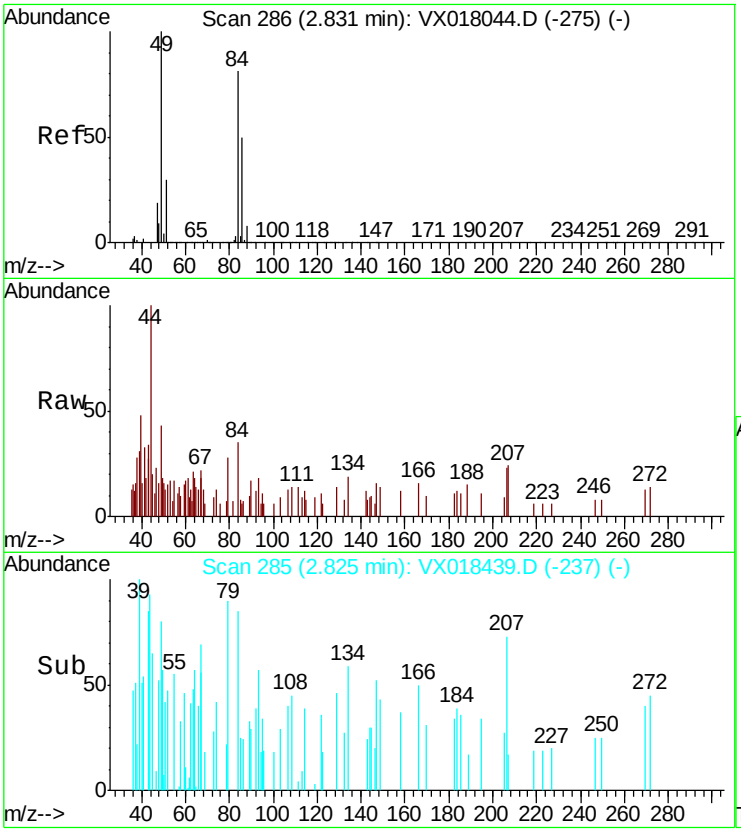


#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion: 76 Resp: 3181

Ion	Ratio	Lower	Upper
76	100		
78	12.0	7.4	11.0#



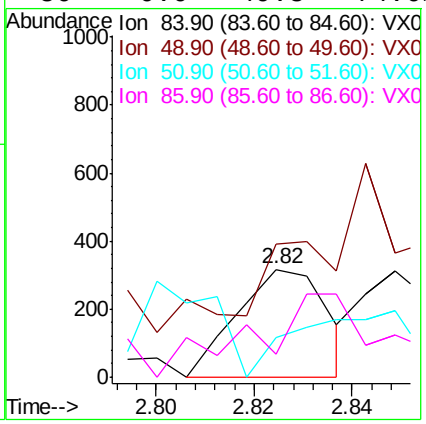


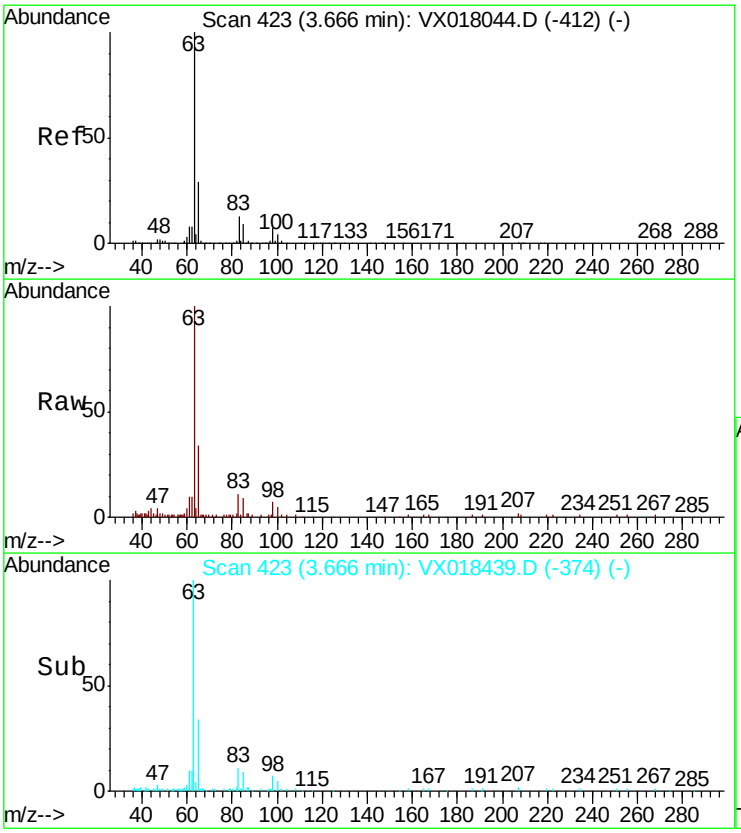
#20
Methylene Chloride
Concen: Below Cal
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion: 84 Resp: 407

Ion	Ratio	Lower	Upper
84	100		
49	50.8	98.6	148.0#
51	0.0	29.6	44.4#
86	0.0	49.8	74.6#

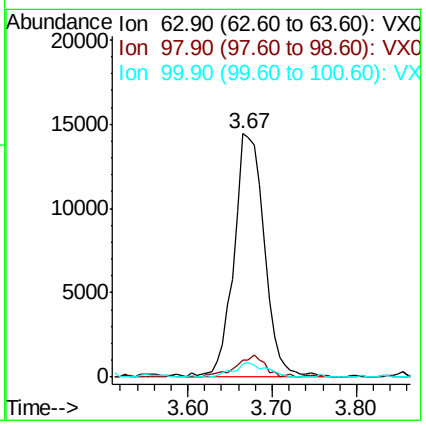


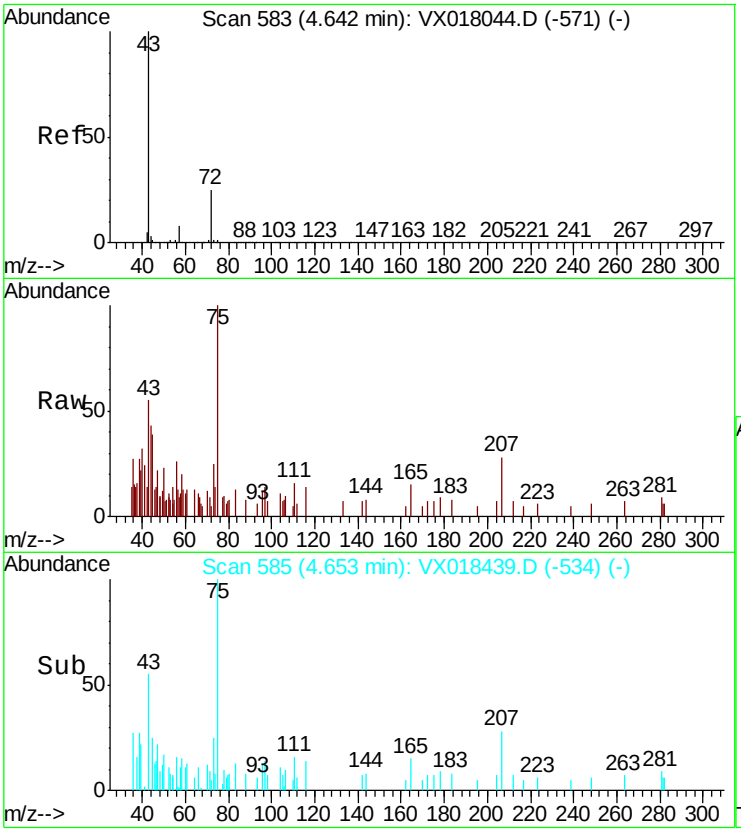


#24
1,1-Dichloroethane
Concen: 4.081 ug/l
RT: 3.67 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion: 63 Resp: 35040

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.6	10.8
100	5.4	2.0	6.0



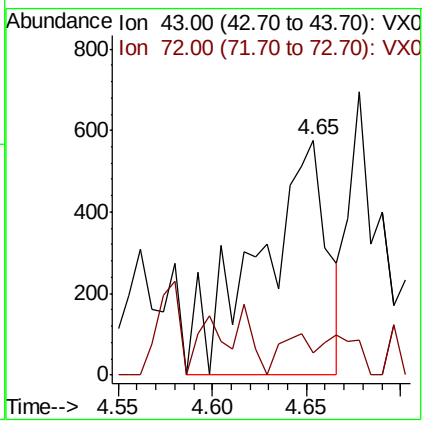


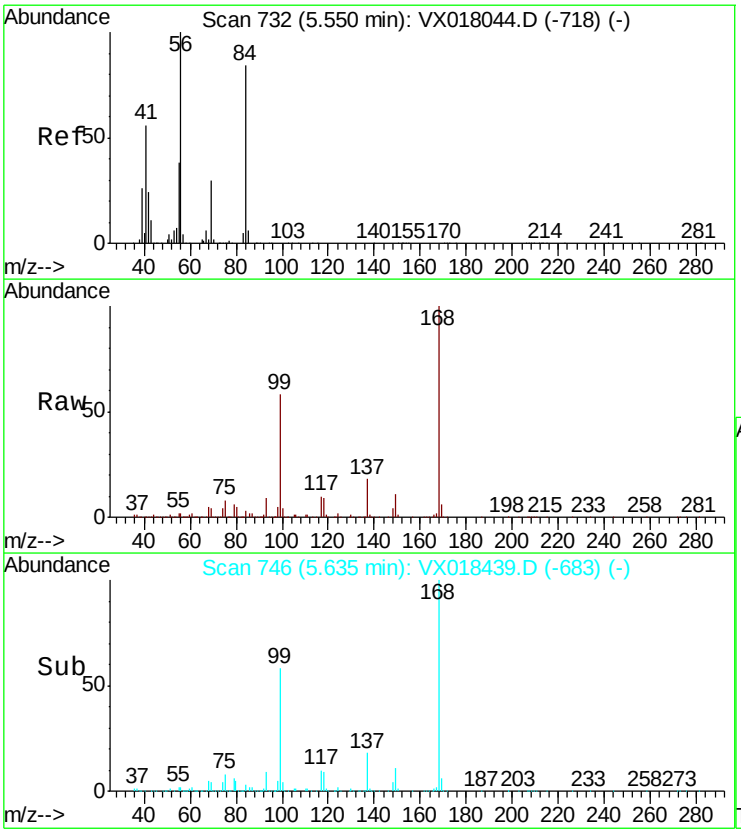
#25
2-Butanone
Concen: 0.374 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion: 43 Resp: 1449

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.6#

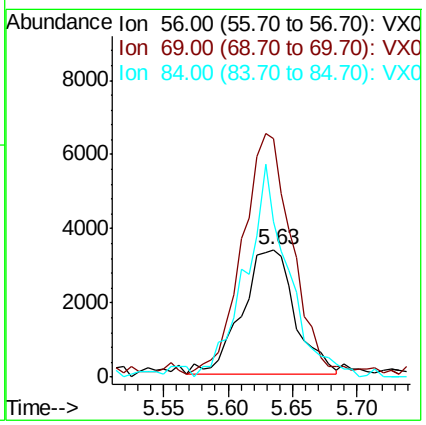


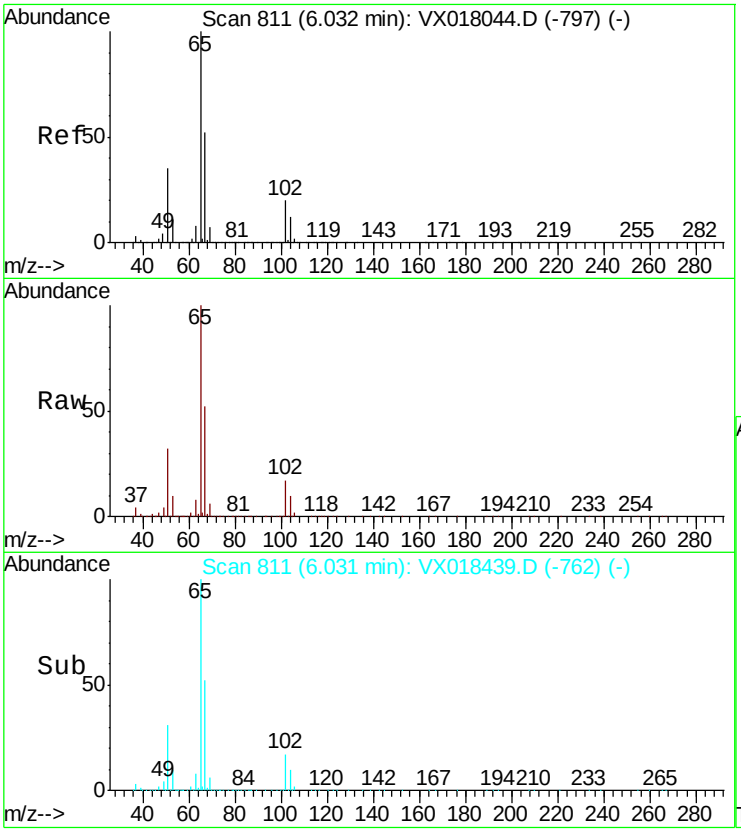


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion: 56 Resp: 9583

Ion	Ratio	Lower	Upper
56	100		
69	188.5	23.9	35.9#
84	115.7	67.0	100.4#



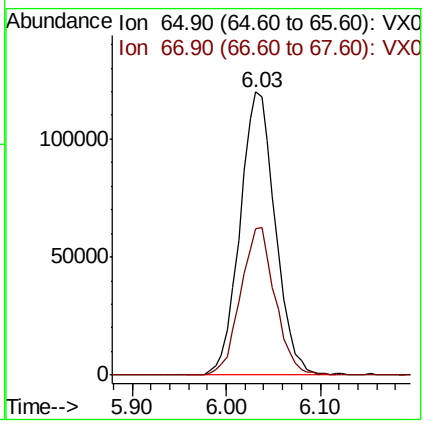


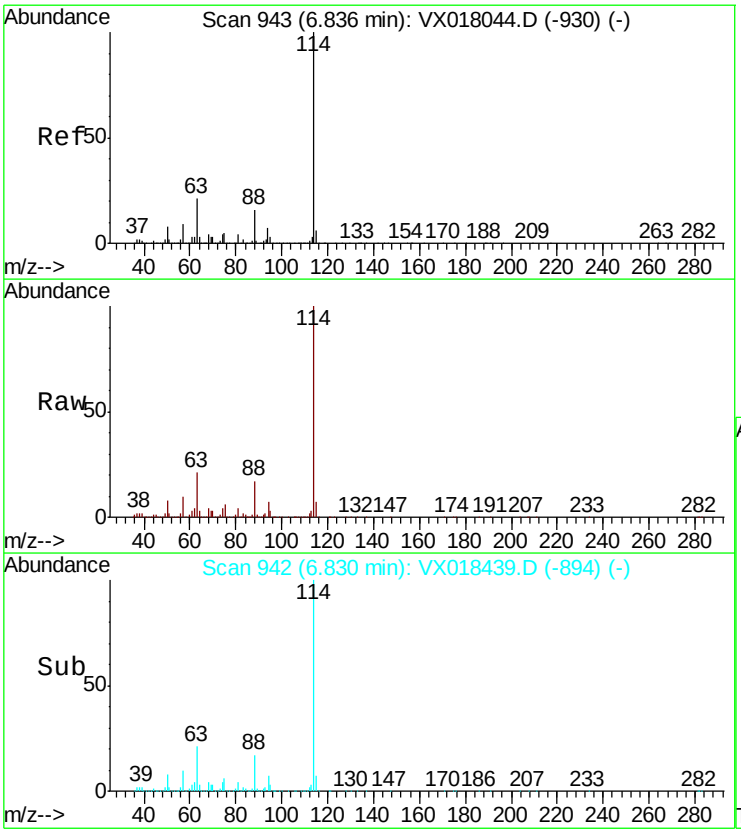
#33
1,2-Dichloroethane-d4
Concen: 51.962 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion: 65 Resp: 313972

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.8

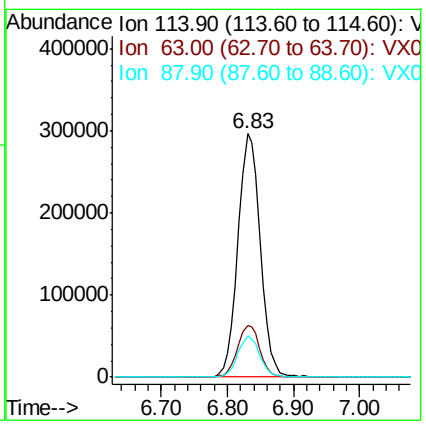


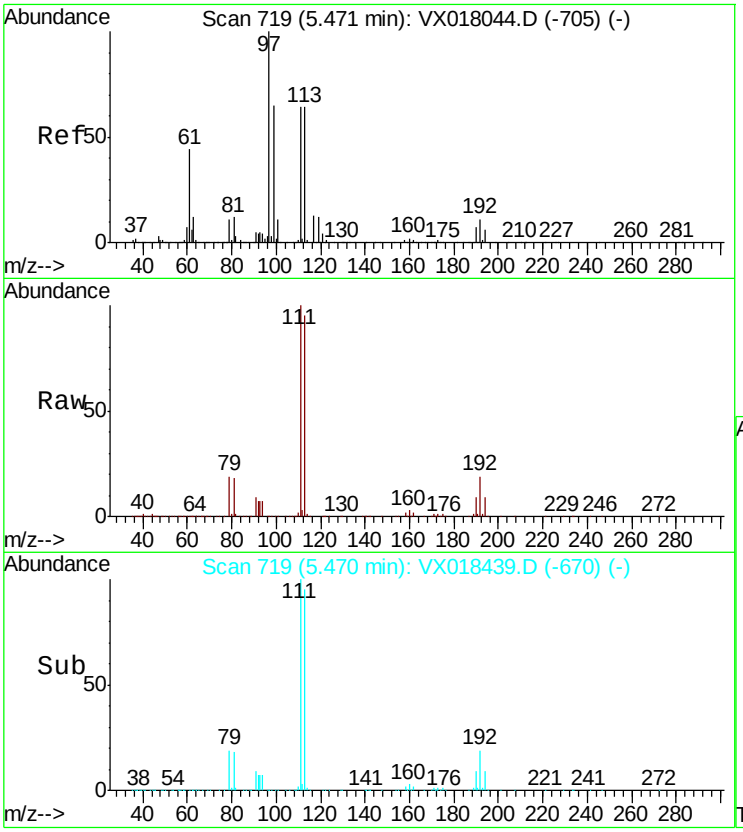


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion:114 Resp: 697258

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.6
88	17.1	0.0	31.8



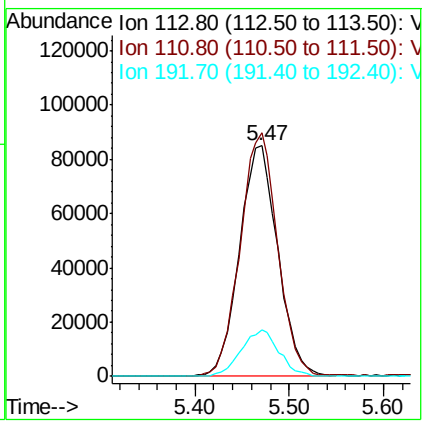


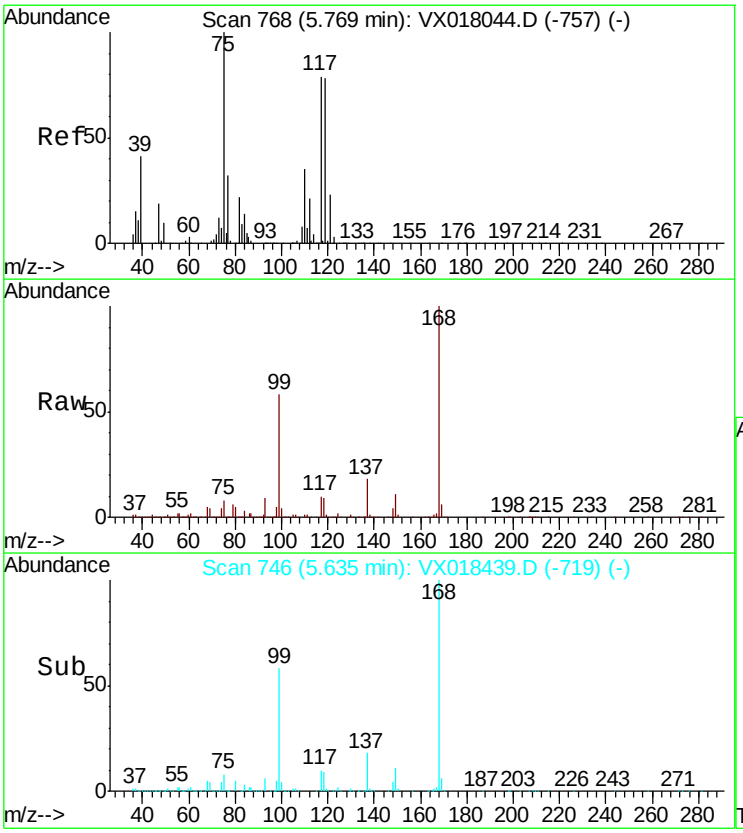
#35
Dibromofluoromethane
Concen: 51.081 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion:113 Resp: 242567

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.6	122.4
192	20.1	15.8	23.8

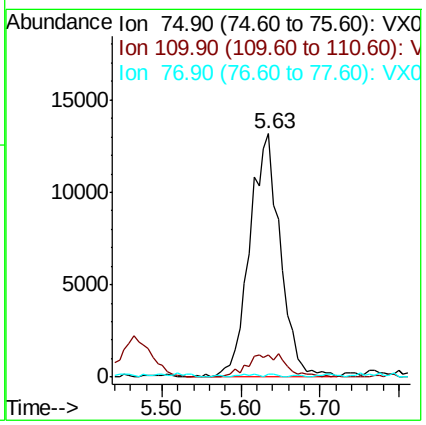


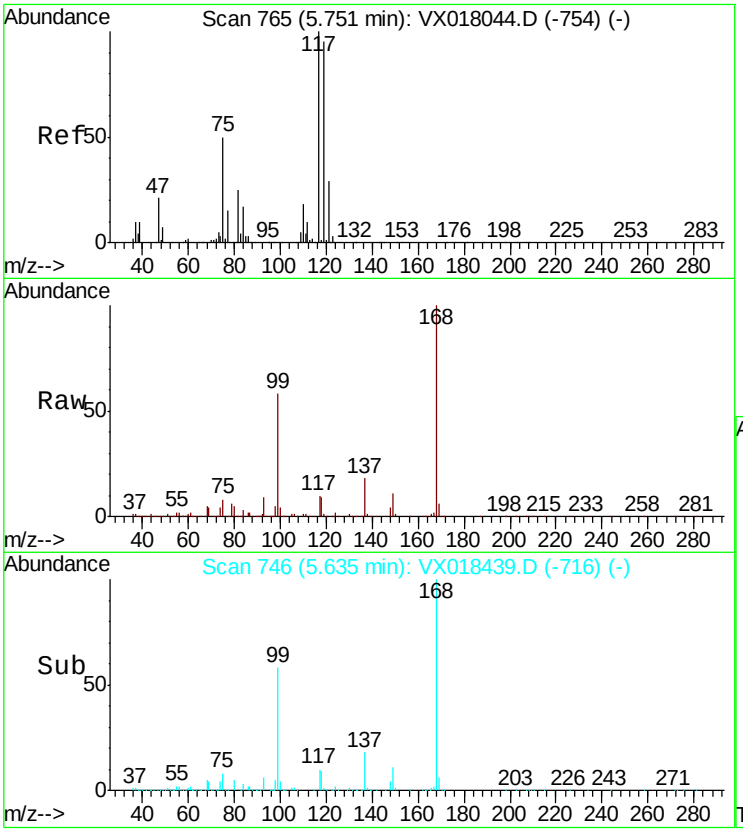


#36
1,1-Dichloropropene
Concen: 5.531 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion: 75 Resp: 35573

Ion	Ratio	Lower	Upper
75	100		
110	11.7	18.0	54.0#
77	0.5	24.4	36.6#



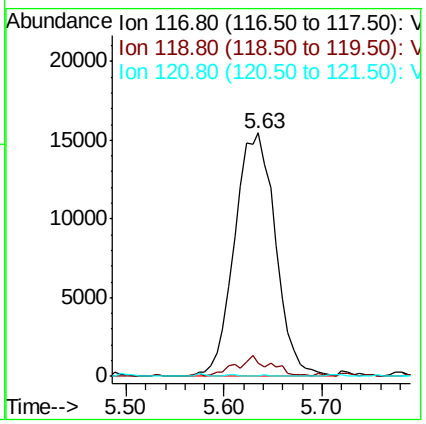


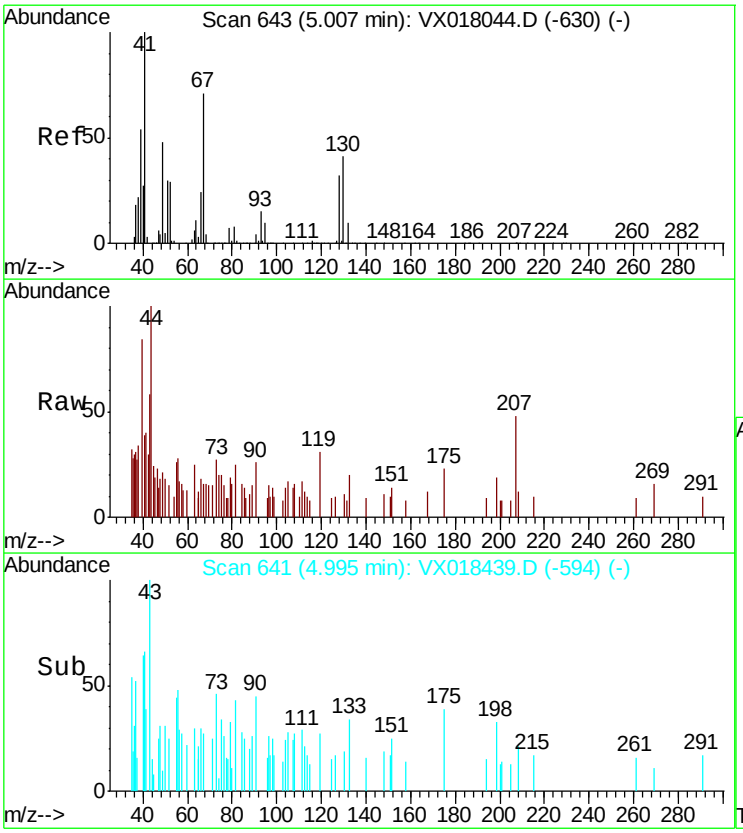
#38
Carbon Tetrachloride
Concen: 6.192 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion:117 Resp: 44877

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.8	113.6#
121	0.0	23.4	35.0#

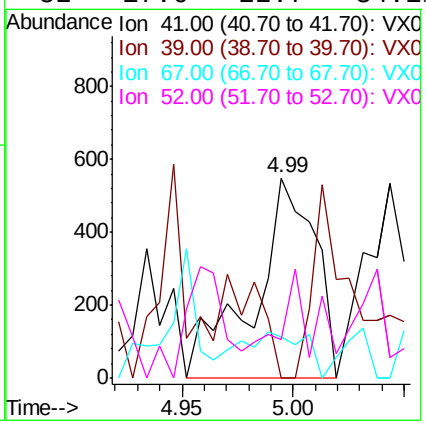


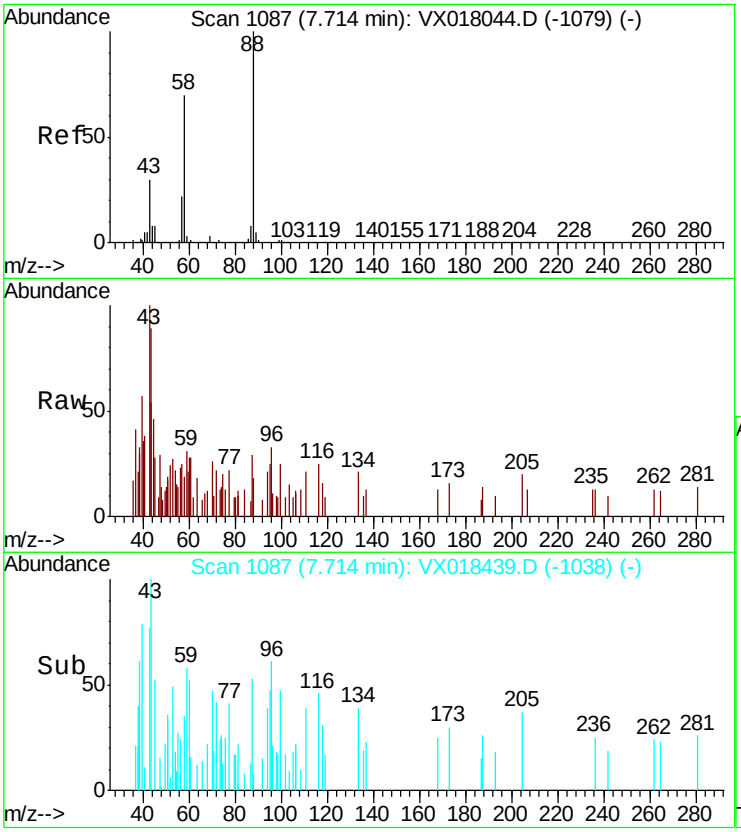


#41
Methacrylonitrile
Concen: 0.255 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion: 41 Resp: 1044

Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.1	64.7#
67	24.8	56.0	84.0#
52	17.6	22.7	34.1#



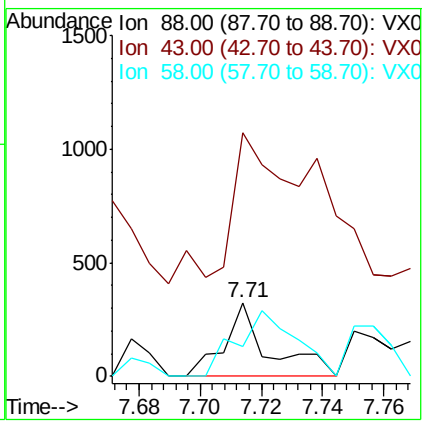


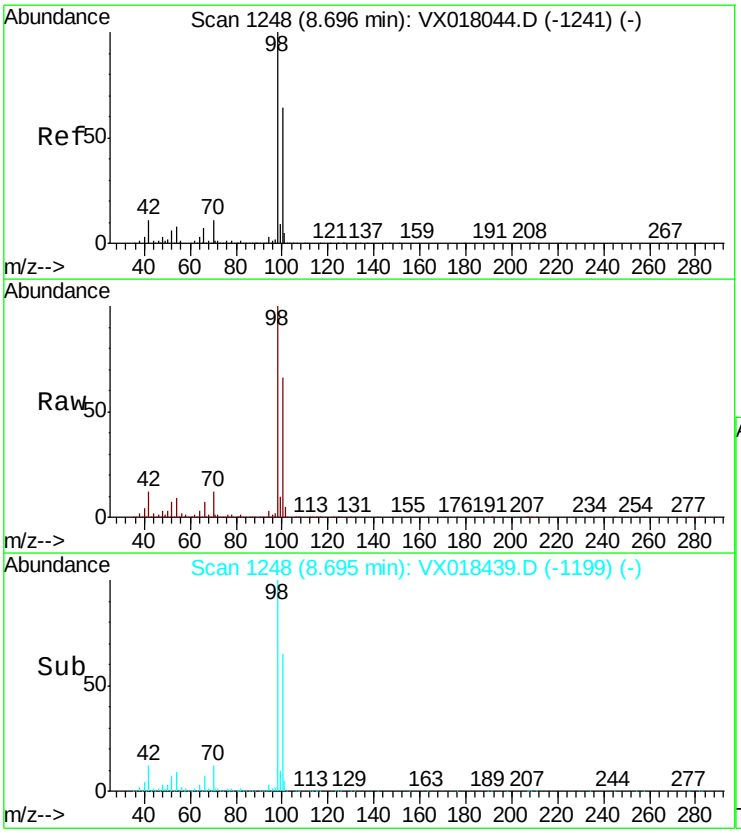
#49
1,4-Dioxane
Concen: 2.941 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion: 88 Resp: 320

Ion	Ratio	Lower	Upper
88	100		
43	560.3	27.4	41.0#
58	121.2	56.4	84.6#

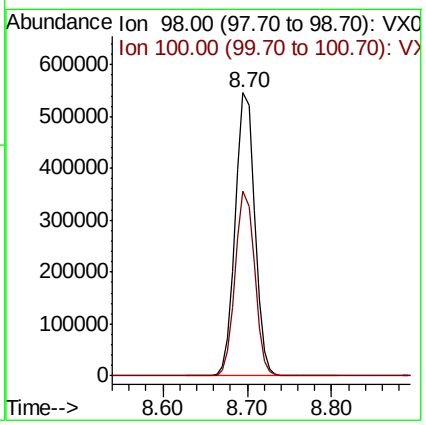


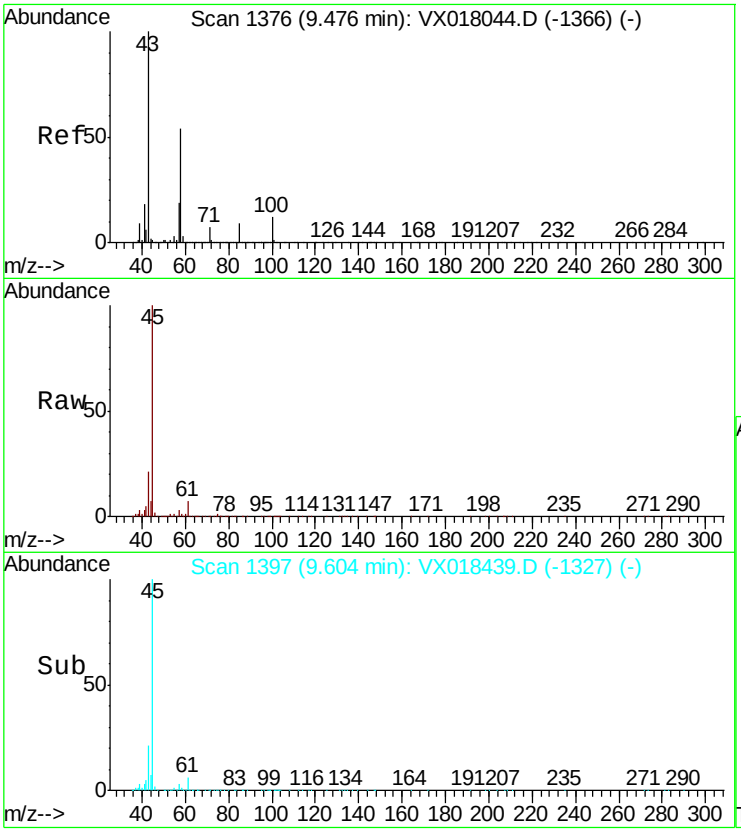


#50
Toluene-d8
Concen: 47.623 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion: 98 Resp: 842287

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.4



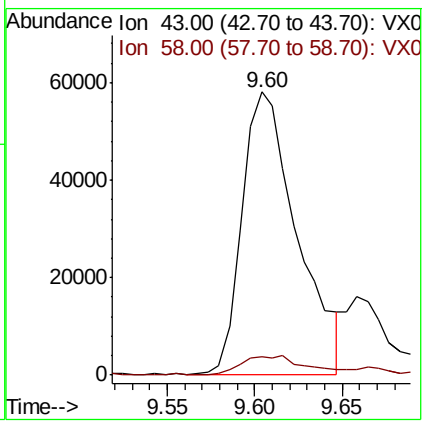


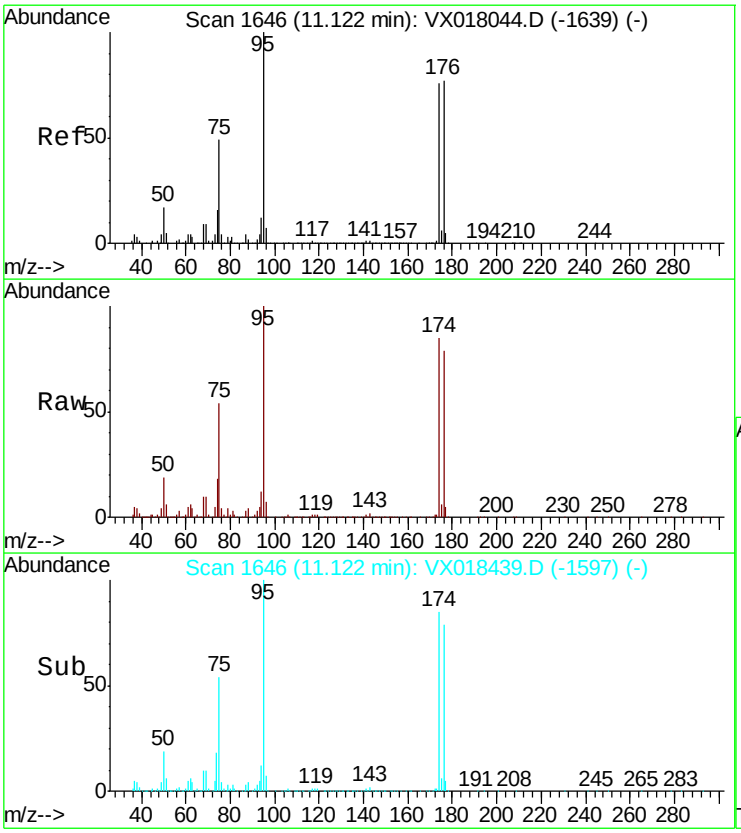
#59
2-Hexanone
Concen: 22.360 ug/l
RT: 9.60 min Scan# 1397
Delta R.T. 0.13 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion: 43 Resp: 126707

Ion	Ratio	Lower	Upper
43	100		
58	8.4	26.6	79.7#

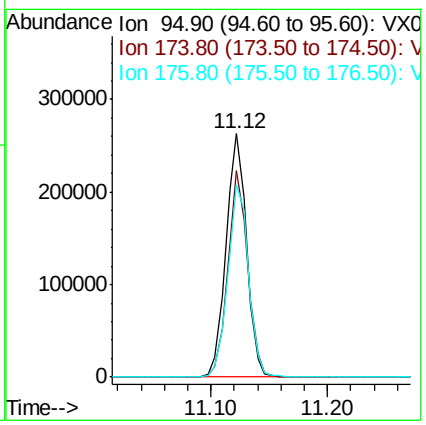


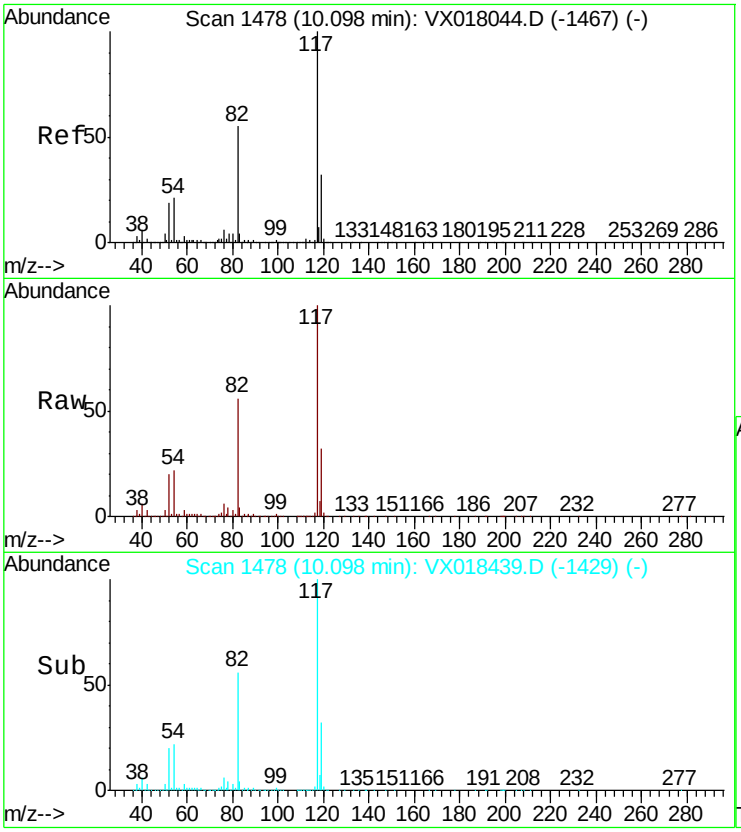


#62
4-Bromofluorobenzene
Concen: 46.127 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion: 95 Resp: 320979

Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	160.2
176	79.8	0.0	155.8



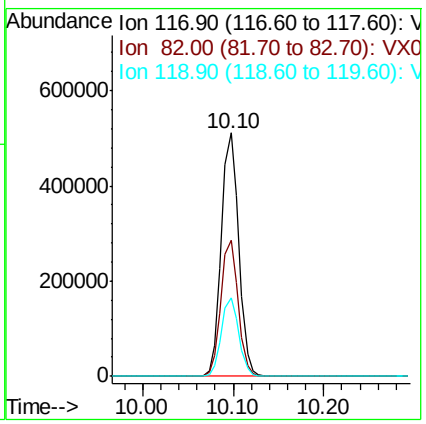


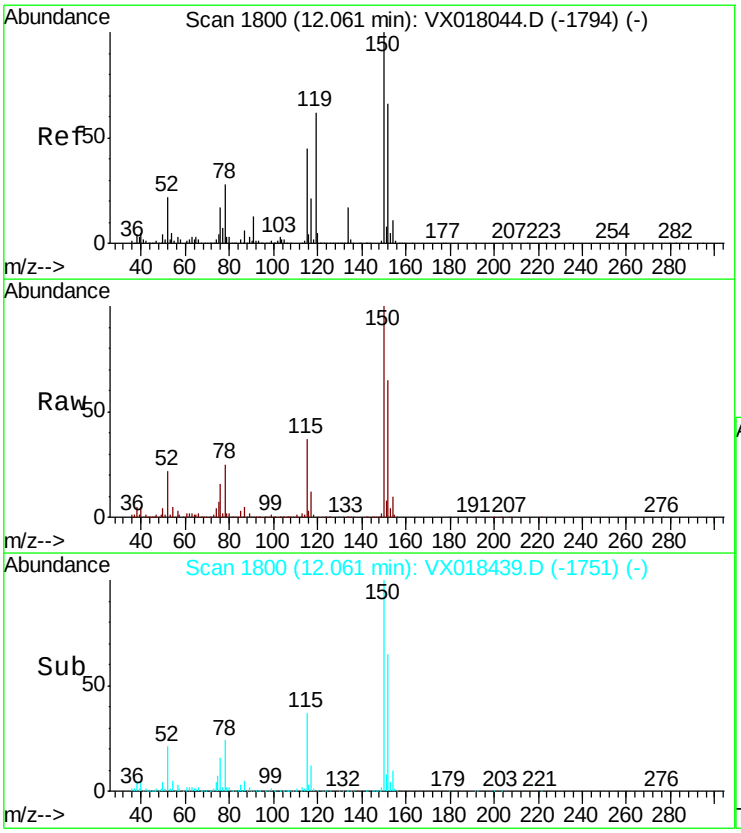
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion:117 Resp: 687268

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.2
119	32.3	25.7	38.5

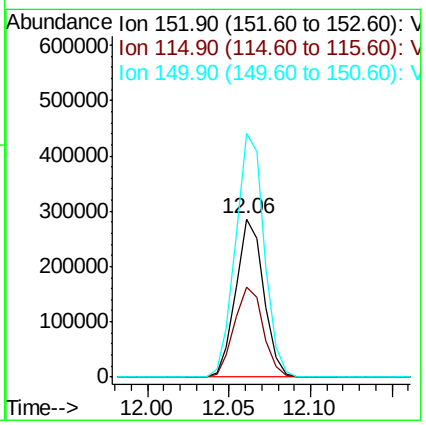


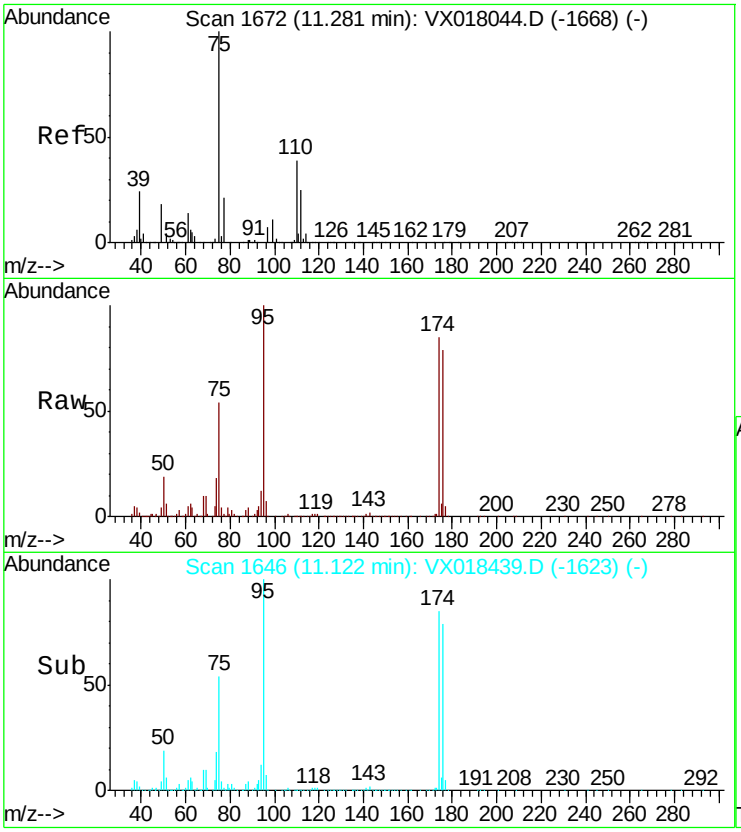


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion:152 Resp: 340380

Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.5	124.5
150	158.5	0.0	343.8



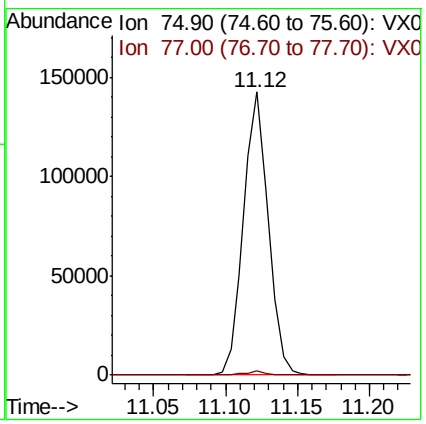


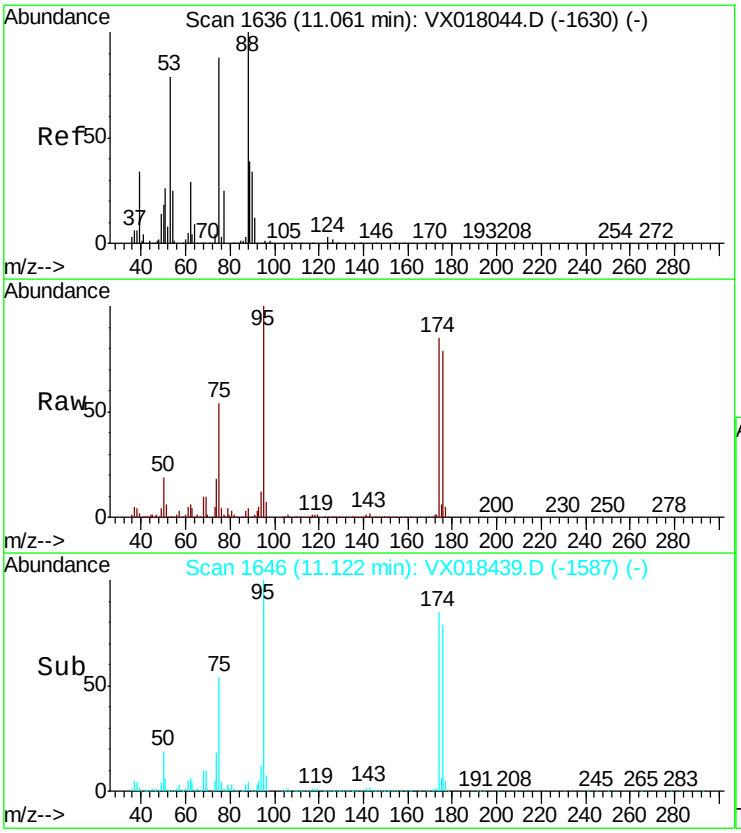
#76
1,2,3-Trichloropropane
Concen: 22.419 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion: 75 Resp: 169755

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.8	62.2#

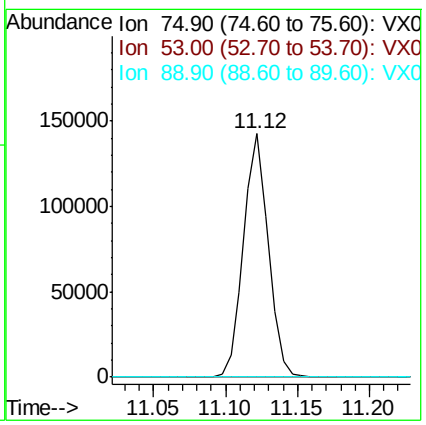


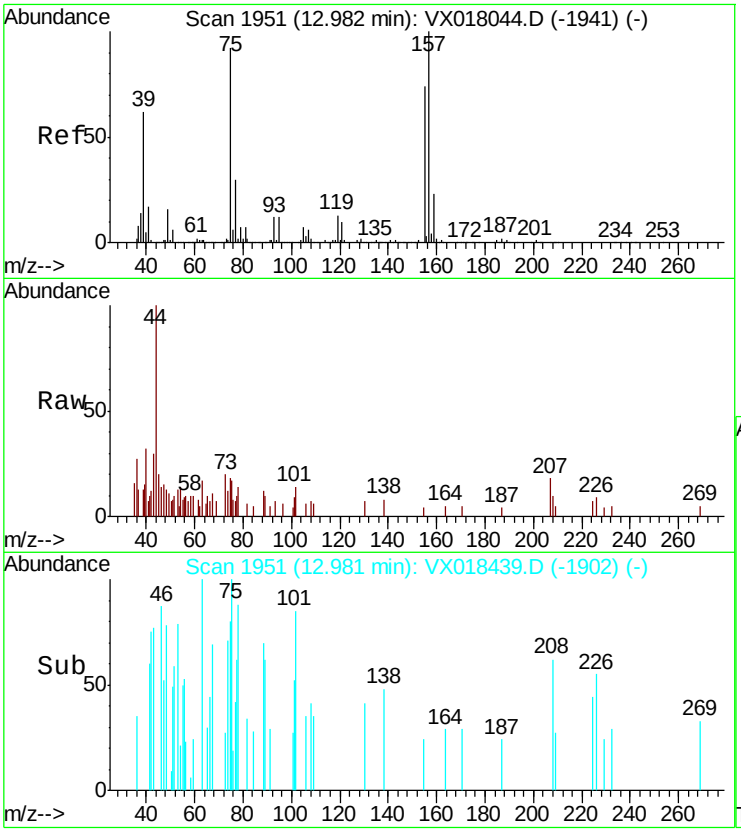


#81
trans-1,4-Dichloro-2-butene
Concen: 60.550 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion: 75 Resp: 169755

Ion	Ratio	Lower	Upper
75	100		
53	0.4	74.7	112.1#
89	0.1	36.6	54.8#



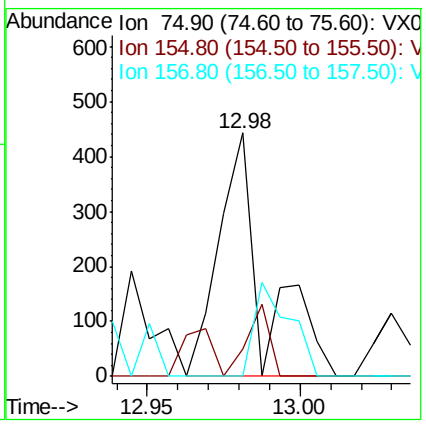


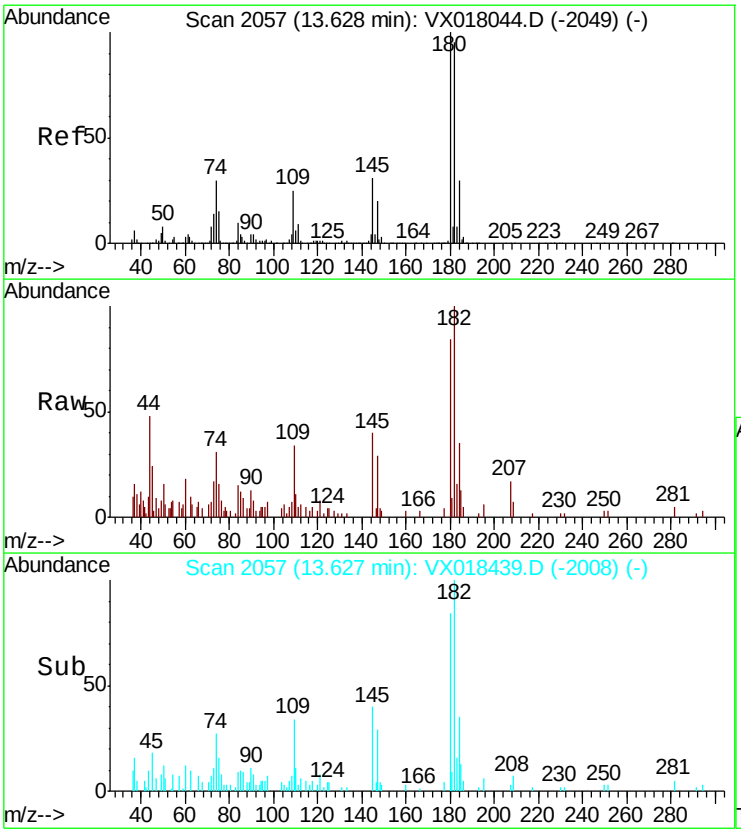
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.230 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion: 75 Resp: 456

Ion	Ratio	Lower	Upper
75	100		
155	14.7	40.2	120.6#
157	30.7	55.0	165.2#

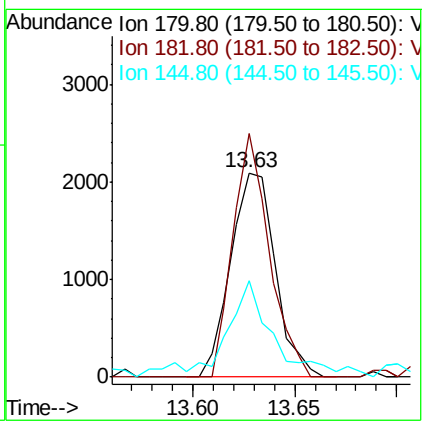


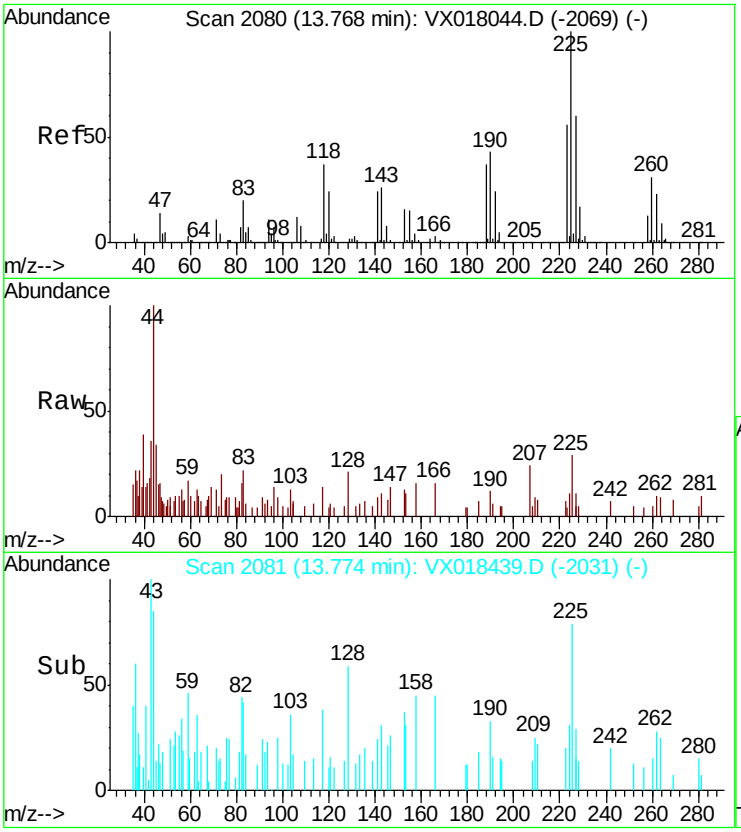


#93
1,2,4-Trichlorobenzene
Concen: 0.465 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion:180 Resp: 3182

Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.6
145	47.5	15.7	47.1#



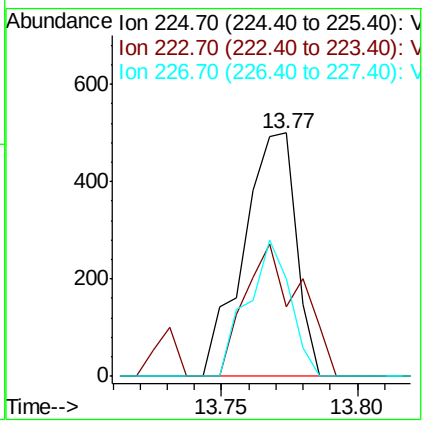


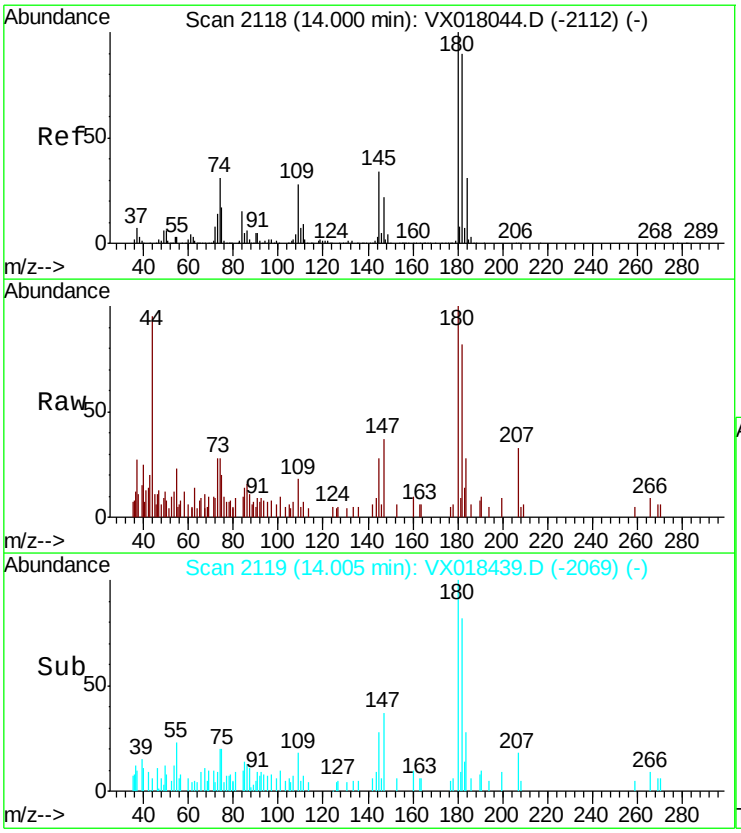
#94
Hexachlorobutadiene
Concen: 0.248 ug/l
RT: 13.77 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP04-20200909

Tgt Ion:225 Resp: 669

Ion	Ratio	Lower	Upper
225	100		
223	57.4	30.7	92.1
227	45.3	32.6	97.8





#96
1,2,3-Trichlorobenzene
Concen: 0.236 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018439.D
Acq: 16 Sep 2020 14:56

Tgt Ion:180 Resp: 1594

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	142.0
145	63.2	17.5	52.6#