Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
Data File : VX015107.D
Acq On : 05 Mar 2020 13:26
Operator : JC/SP
Sample : L1812-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM-030420

Quant Time: Mar 06 02:21:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	362017	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	575923	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	532461	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	270844	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	210033	48.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.80%				
35) Dibromofluoromethane	5.50	113	158729	43.69	ug/l		0.01
Spiked Amount 50.000			Recovery = 87.38%				
50) Toluene-d8	8.71	98	696594	50.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.80%				
62) 4-Bromofluorobenzene	11.14	95	248979	50.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.02%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	19103	4.254	ug/l		93
5) Bromomethane	1.63	94	4966	1.774	ug/l		99
10) Methyl Iodide	2.47	142	6119	1.589	ug/l	#	86
11) Tert butyl alcohol	2.80	59	439866	590.300	ug/l	#	73
13) Acrolein	2.28	56	409	0.584	ug/l	#	15
14) Allyl chloride	2.79	41	14233350	2320.344	ug/l	#	42
16) Acetone	2.50	43	379869	218.398	ug/l		97
17) Carbon Disulfide	2.51	76	9671	0.990	ug/l		96
18) Methyl Acetate	2.80	43	5216135	1226.460	ug/l		99
29) Tetrahydrofuran	5.17	42	53292	32.467	ug/l		98
36) 1,1-Dichloropropene	5.64	75	26629	5.002	ug/l	#	51
37) Ethyl Acetate	4.75	43	3014	0.610	ug/l	#	92
38) Carbon Tetrachloride	5.65	117	32491	6.465	ug/l	#	15
41) Methacrylonitrile	5.17	41	29964	10.101	ug/l	#	46
48) Methyl methacrylate	7.75	41	969	0.219	ug/l	#	41
49) 1,4-Dioxane	7.73	88	181	1.893	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.85	43	1121	0.218	ug/l		94
58) 2-Chloroethyl Vinyl ether	8.30	63	661	0.214	ug/l	#	46
76) 1,2,3-Trichloropropane	11.14	75	127117	23.529	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	127117	66.776	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	13.03	75	261	0.226	ug/l		96
93) 1,2,4-Trichlorobenzene	13.64	180	1839	0.314	ug/l	#	91
94) Hexachlorobutadiene	13.78	225	826	0.275	ug/l		65
95) Naphthalene	13.83	128	2434	1.552	ug/l	#	80

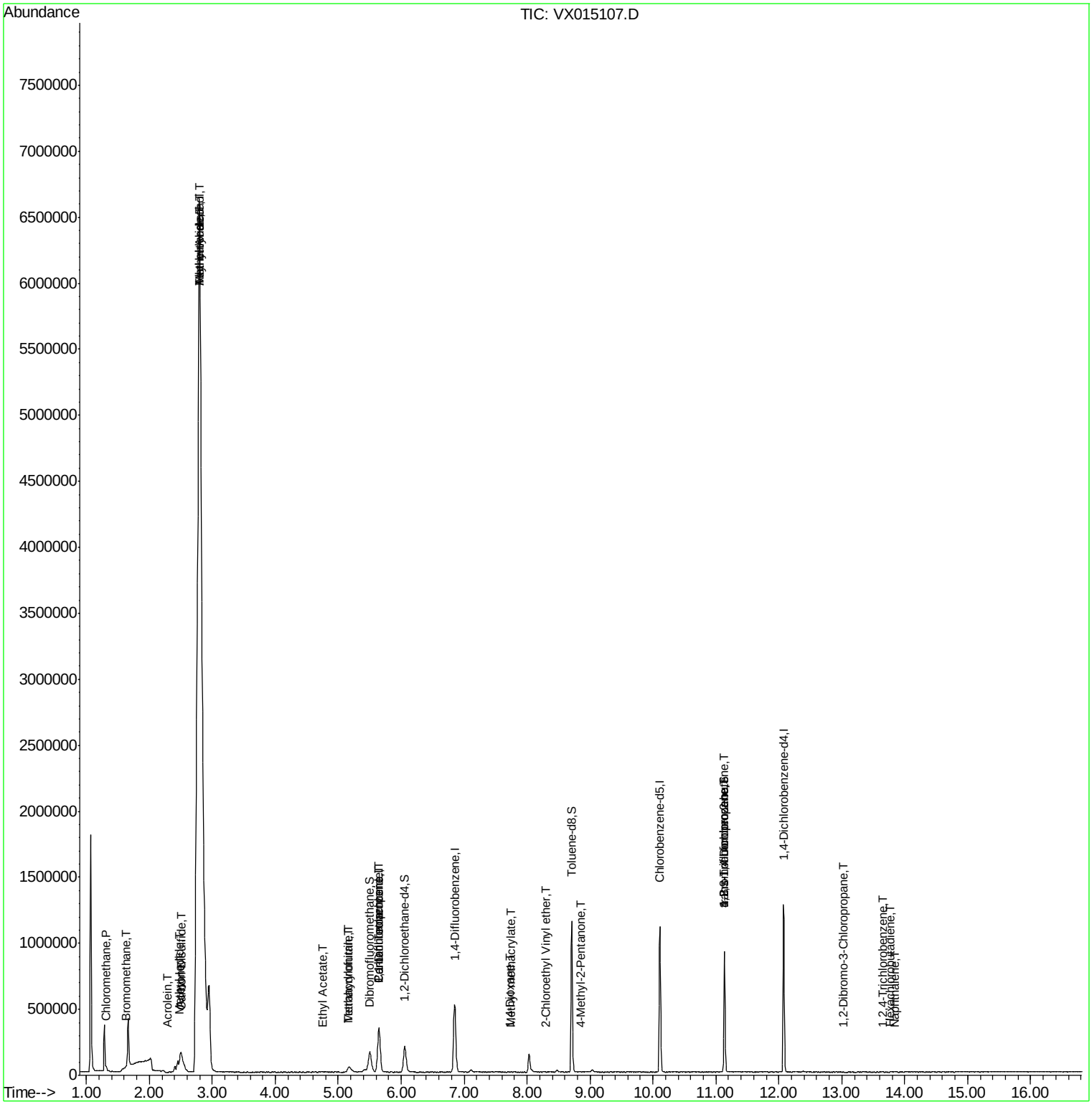
(#) = qualifier out of range (m) = manual integration (+) = signals summed

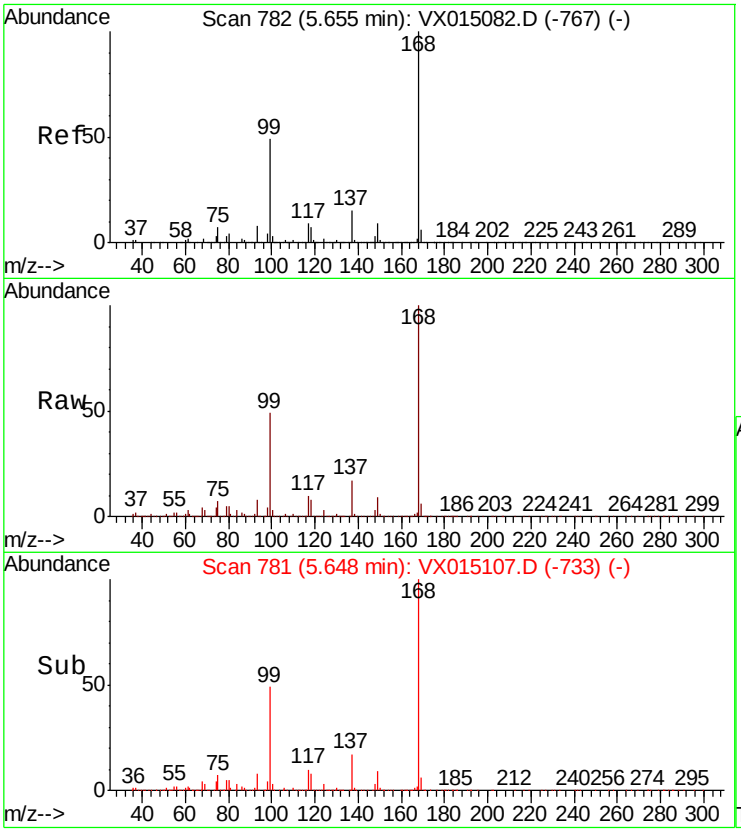
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030520\
Data File : VX015107.D
Acq On : 05 Mar 2020 13:26
Operator : JC/SP
Sample : L1812-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Quant Time: Mar 06 02:21:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration



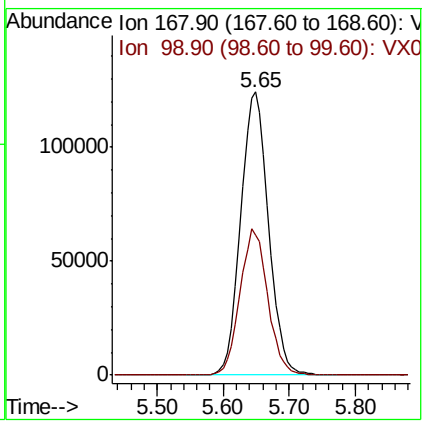


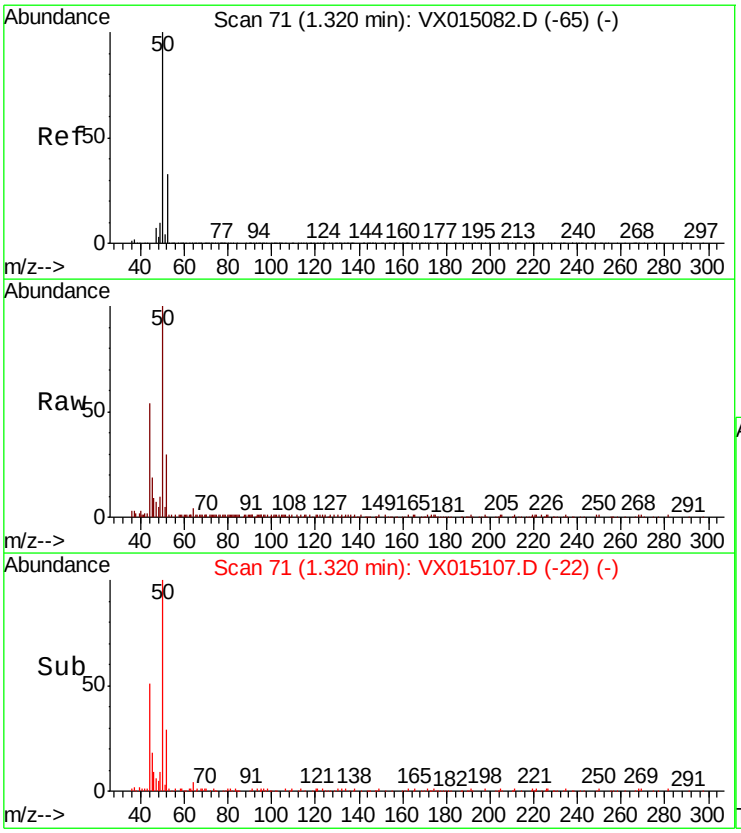
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Tgt Ion:168 Resp: 362017

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.4	59.2

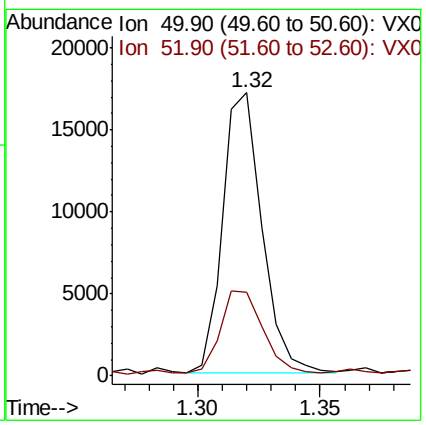


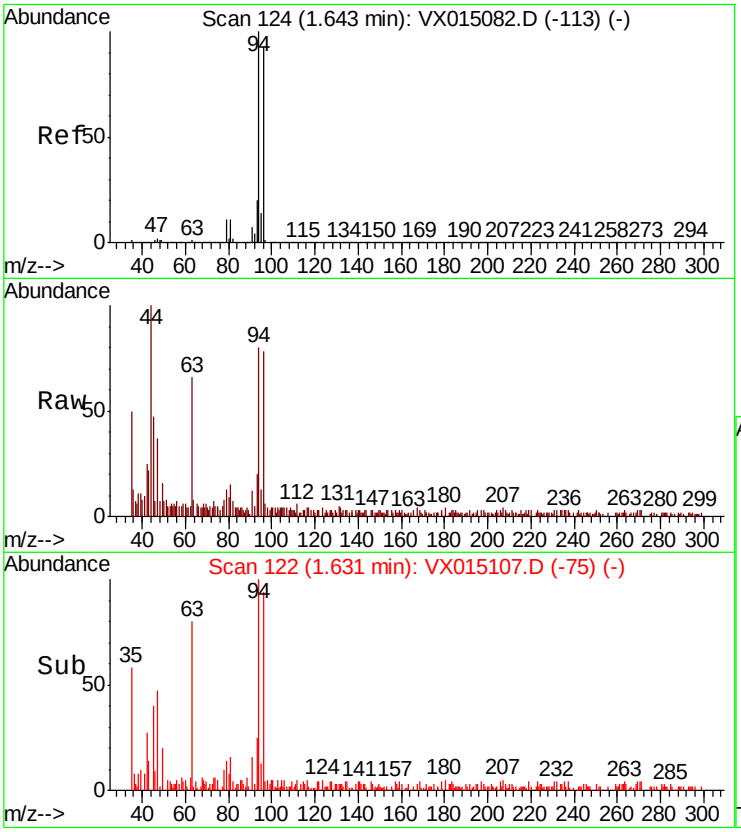


#3
Chloromethane
Concen: 4.254 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 50 Resp: 19103

Ion	Ratio	Lower	Upper
50	100		
52	28.7	26.2	39.2



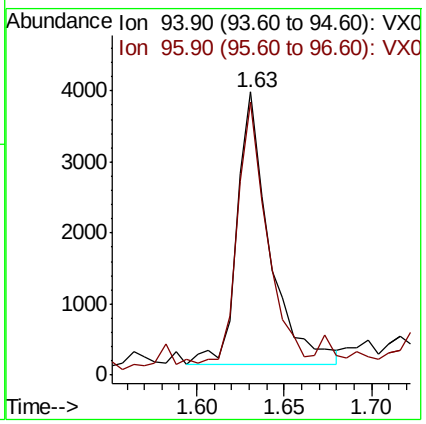


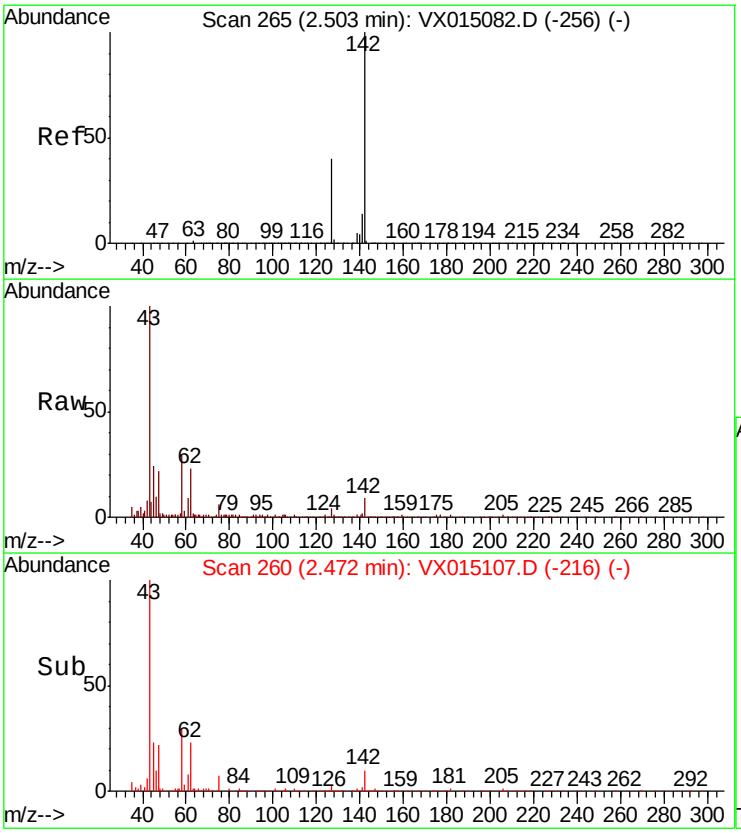
#5
Bromomethane
Concen: 1.774 ug/l
RT: 1.63 min Scan# 122
Delta R.T. -0.01 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Tgt Ion: 94 Resp: 4966

Ion	Ratio	Lower	Upper
94	100		
96	94.4	74.6	111.8

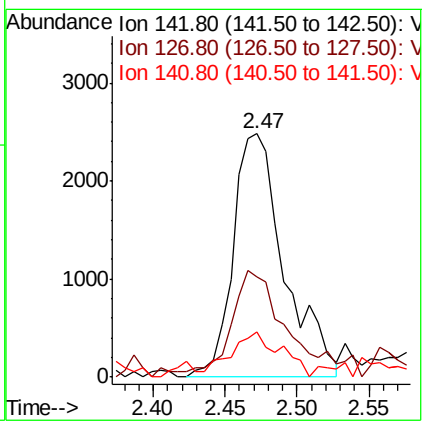


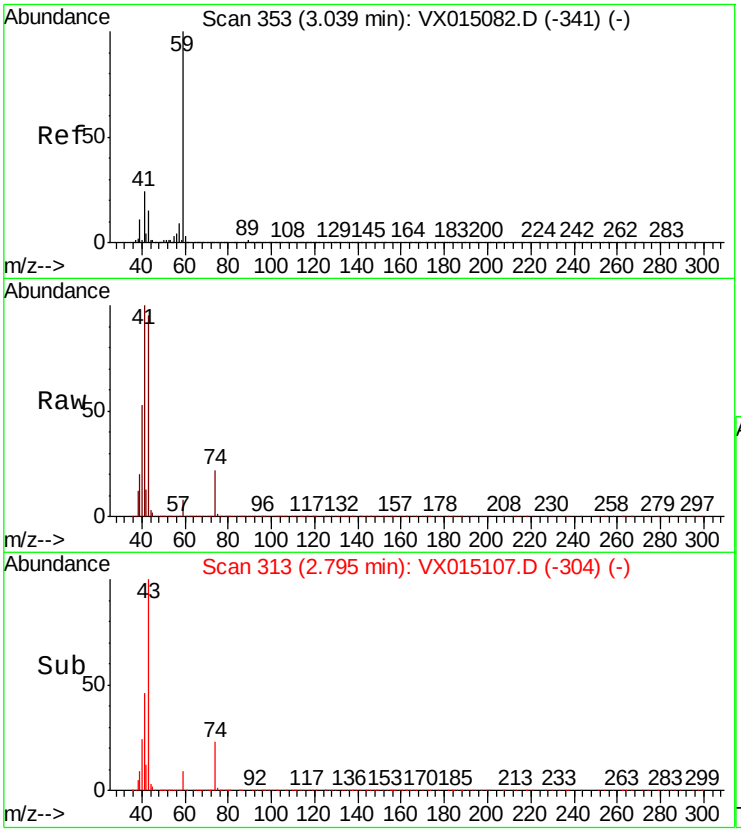


#10
Methyl Iodide
Concen: 1.589 ug/l
RT: 2.47 min Scan# 260
Delta R.T. -0.03 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion:142 Resp: 6119

Ion	Ratio	Lower	Upper
142	100		
127	49.1	31.7	47.5#
141	18.4	11.3	16.9#



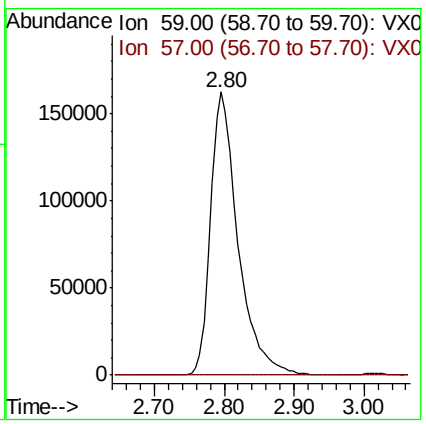


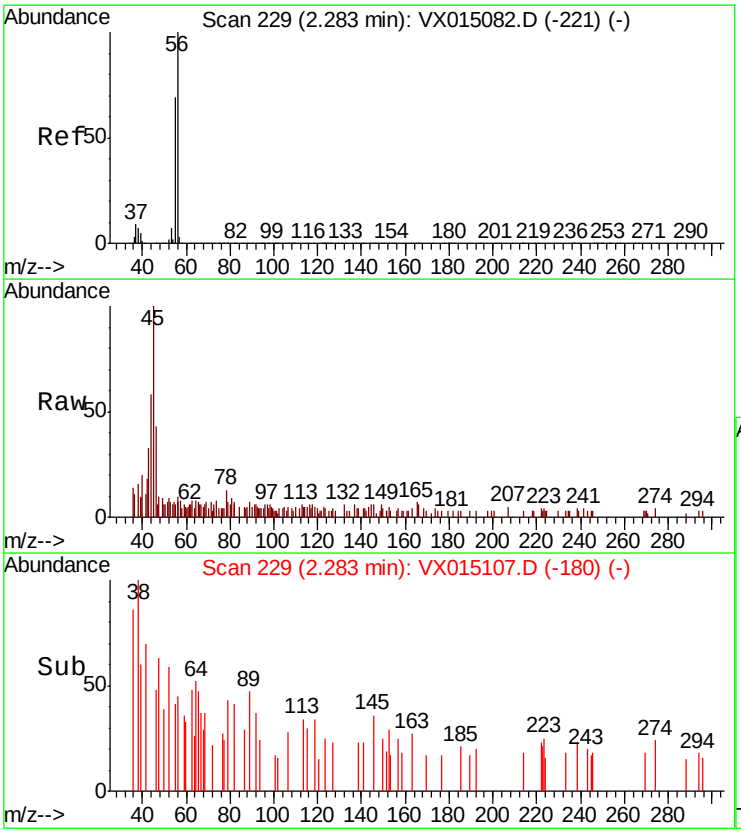
#11
Tert butyl alcohol
Concen: 590.300 ug/l
RT: 2.80 min Scan# 313
Delta R.T. -0.24 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM-030420

Tgt Ion: 59 Resp: 439866

Ion	Ratio	Lower	Upper
59	100		
57	0.1	8.2	12.4#

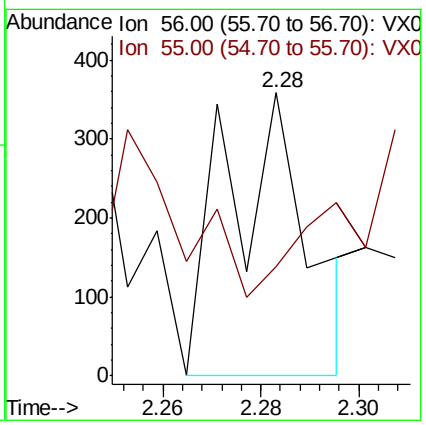


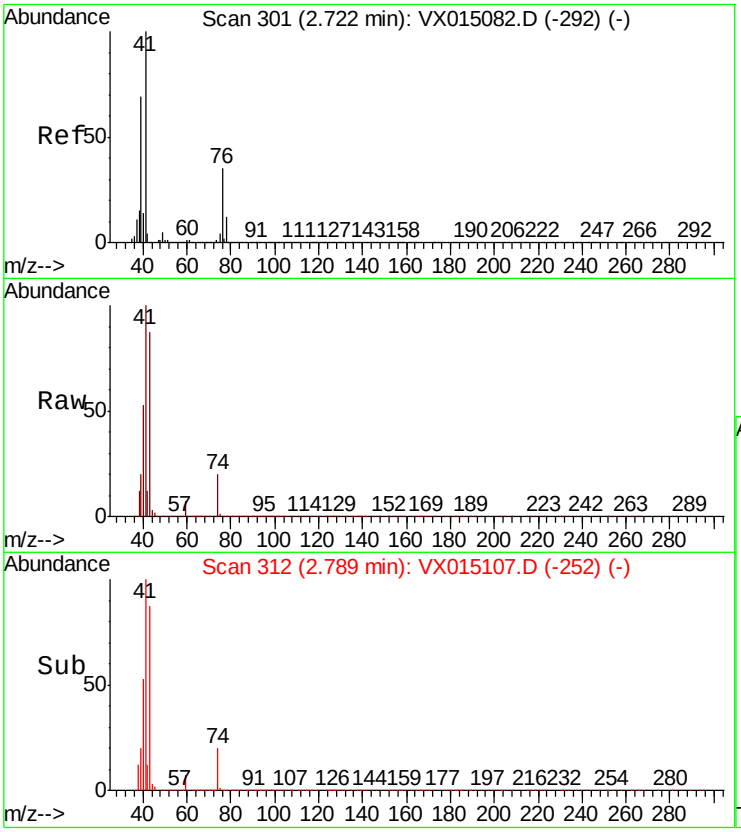


#13
Acrolein
Concen: 0.584 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 56 Resp: 409

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.4	83.0#



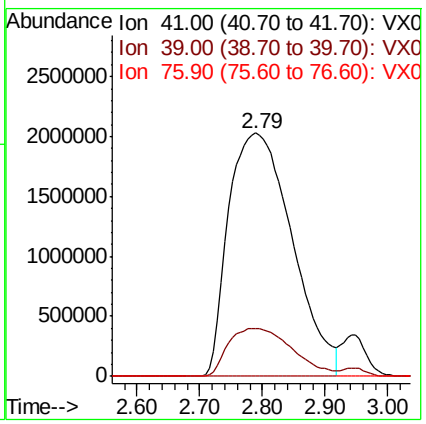


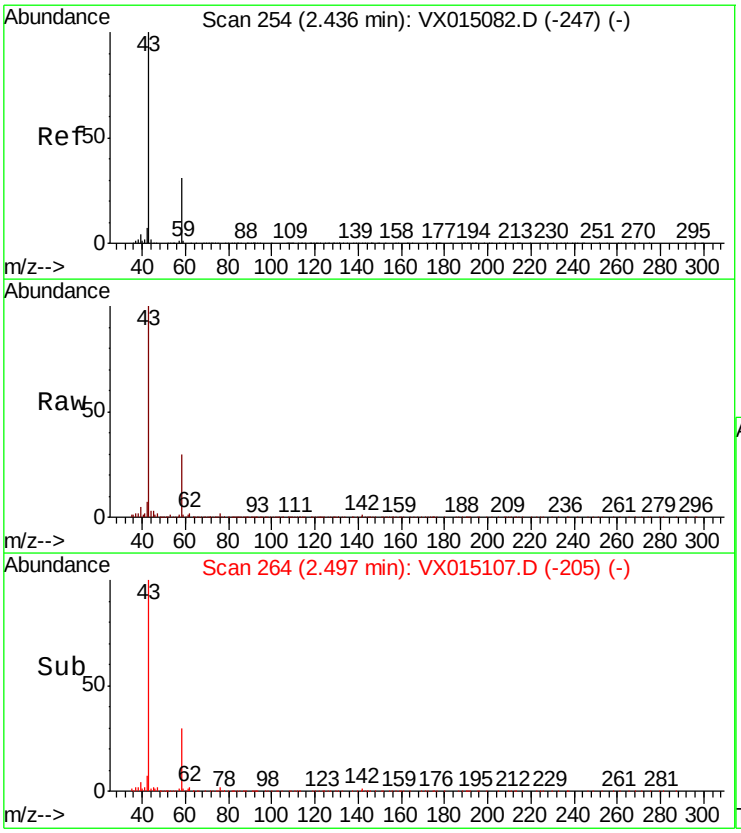
#14
Allyl chloride
Concen: 2320.344 ug/l
RT: 2.79 min Scan# 312
Delta R.T. 0.07 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM-030420

Tgt Ion: 41 Resp:14233350

Ion	Ratio	Lower	Upper
41	100		
39	19.8	52.9	79.3#
76	0.0	26.8	40.2#

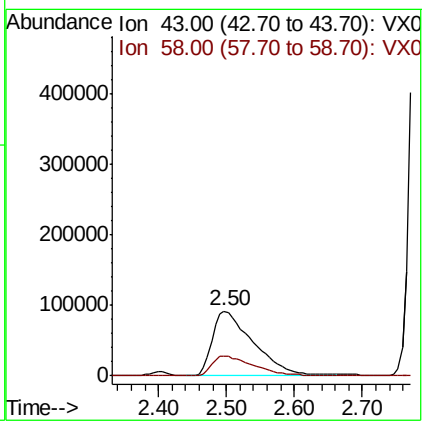


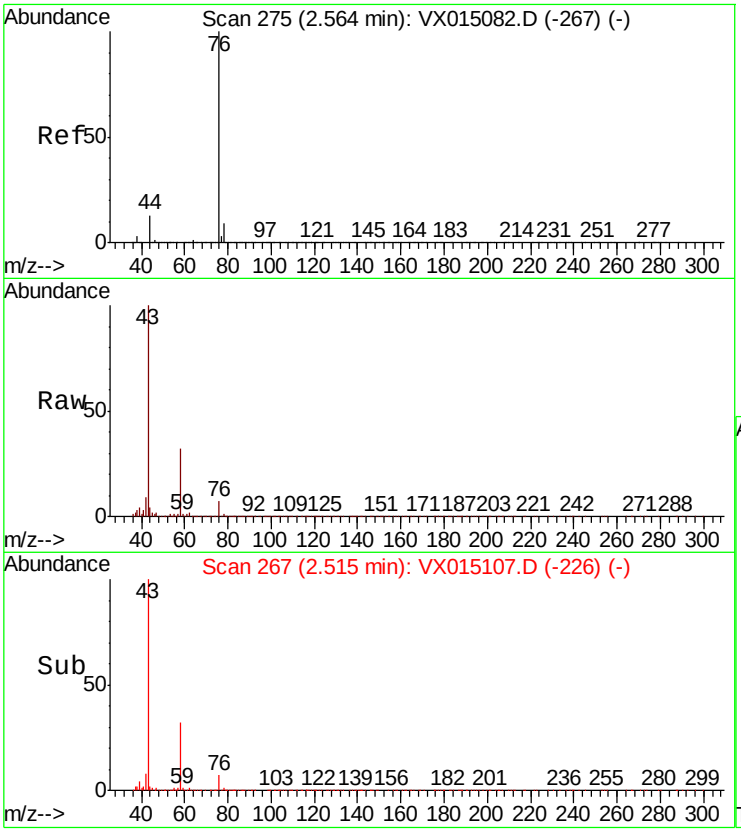


#16
Acetone
Concen: 218.398 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.06 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 43 Resp: 379869

Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.8	37.2



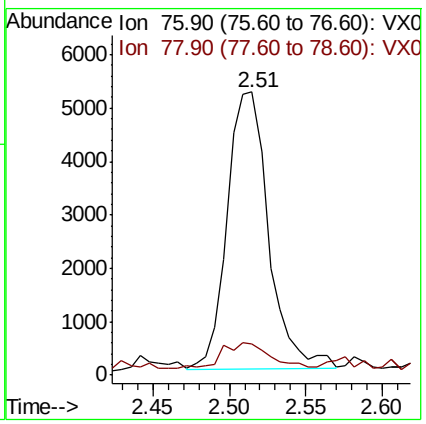


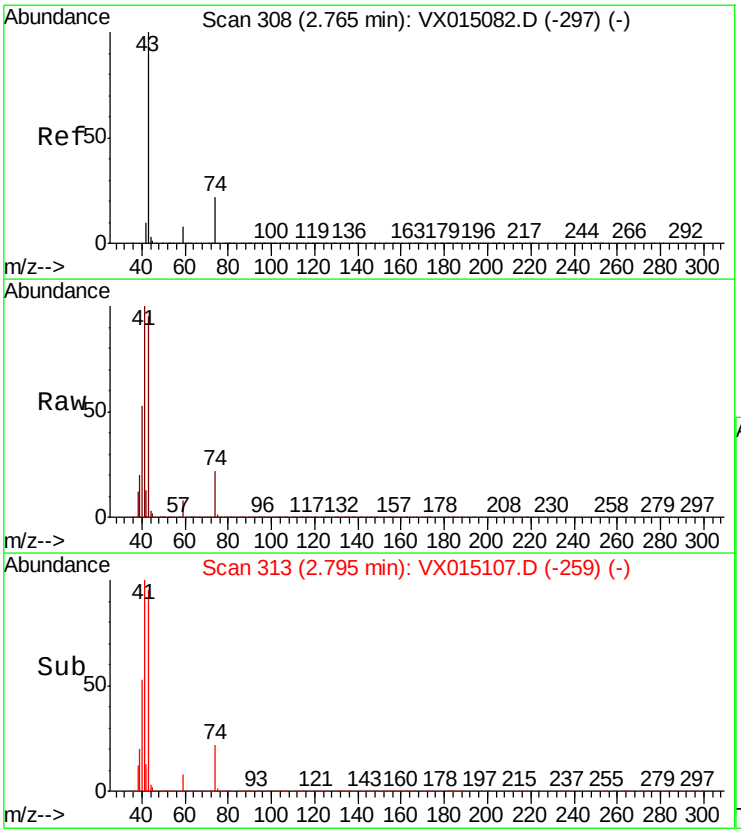
#17
Carbon Disulfide
Concen: 0.990 ug/l
RT: 2.51 min Scan# 267
Delta R.T. -0.05 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Tgt Ion: 76 Resp: 9671

Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.3	10.9

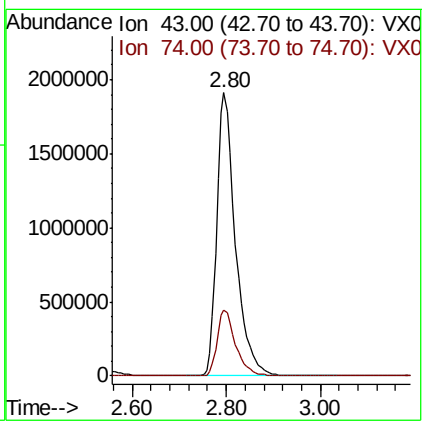


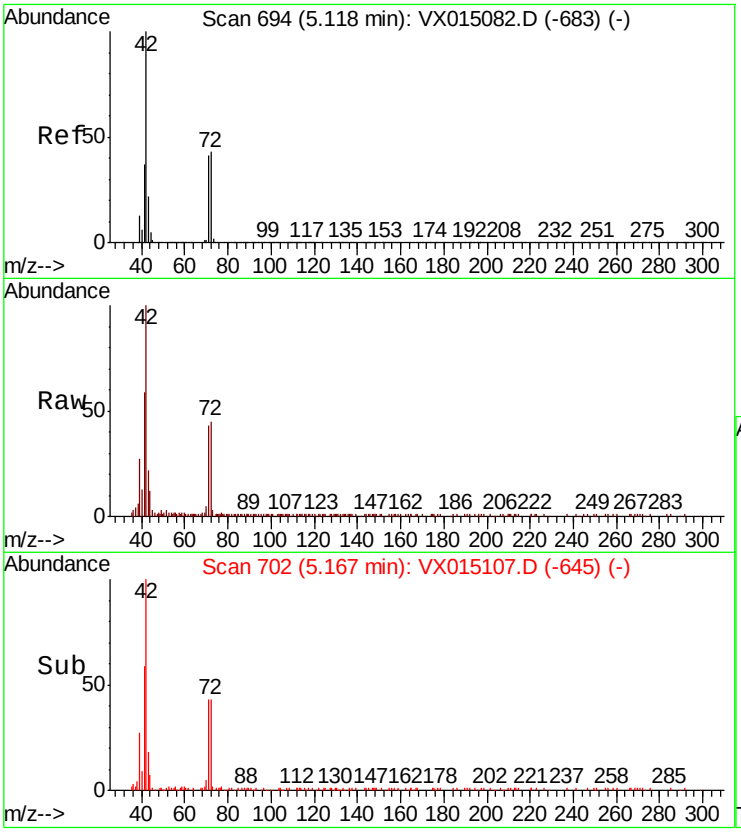


#18
Methyl Acetate
Concen: 1226.460 ug/l
RT: 2.80 min Scan# 313
Delta R.T. 0.03 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 43 Resp: 5216135

Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.8	28.2



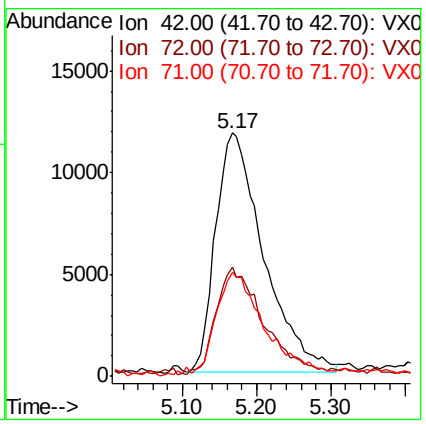


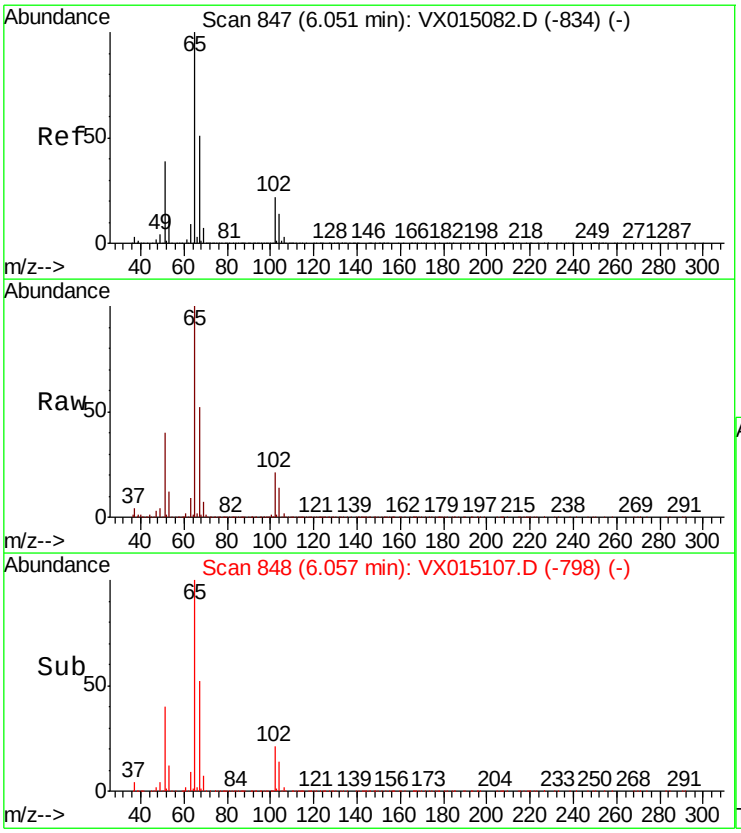
#29
Tetrahydrofuran
Concen: 32.467 ug/l
RT: 5.17 min Scan# 702
Delta R.T. 0.05 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Tgt Ion: 42 Resp: 53292

Ion	Ratio	Lower	Upper
42	100		
72	43.7	36.4	54.6
71	41.0	33.3	49.9

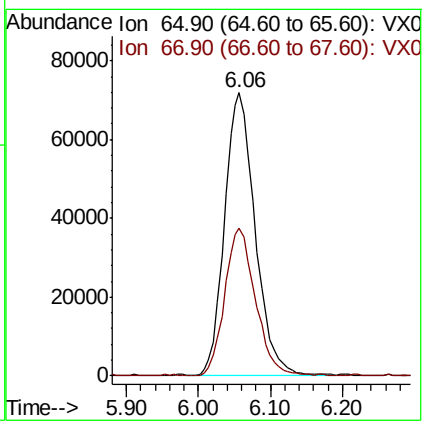


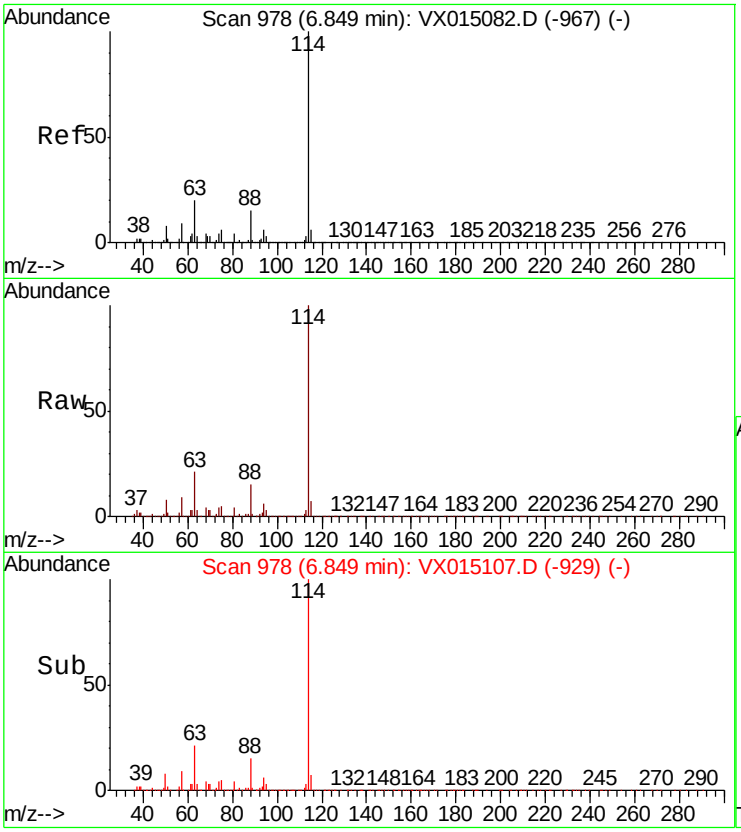


#33
1,2-Dichloroethane-d4
Concen: 48.903 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 65 Resp: 210033

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.6



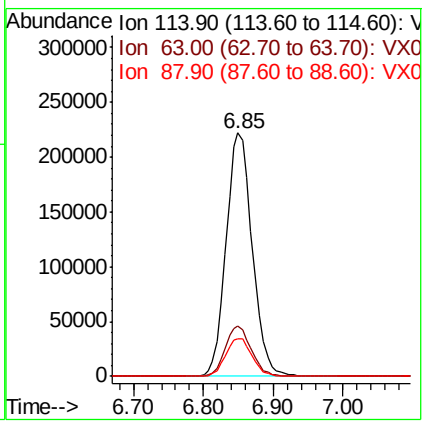


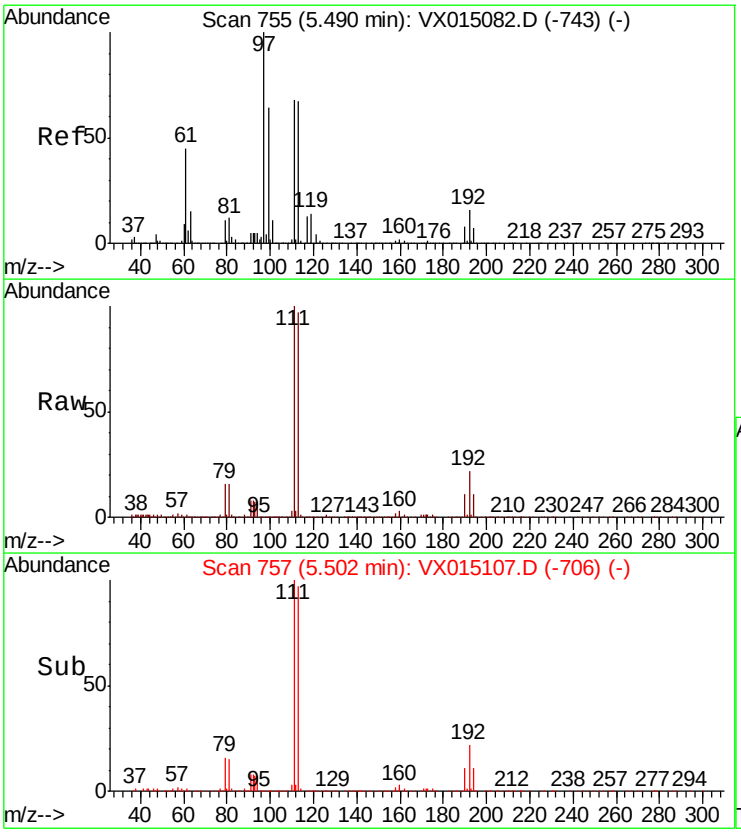
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Tgt Ion:114 Resp: 575923

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.0
88	15.4	0.0	30.6

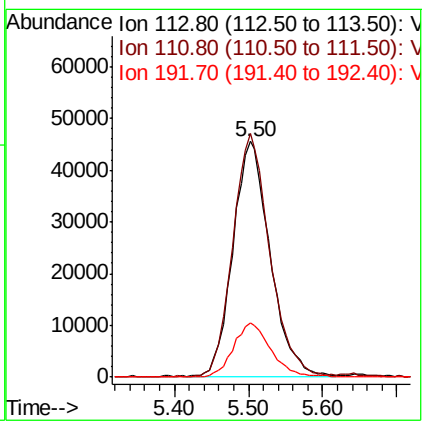


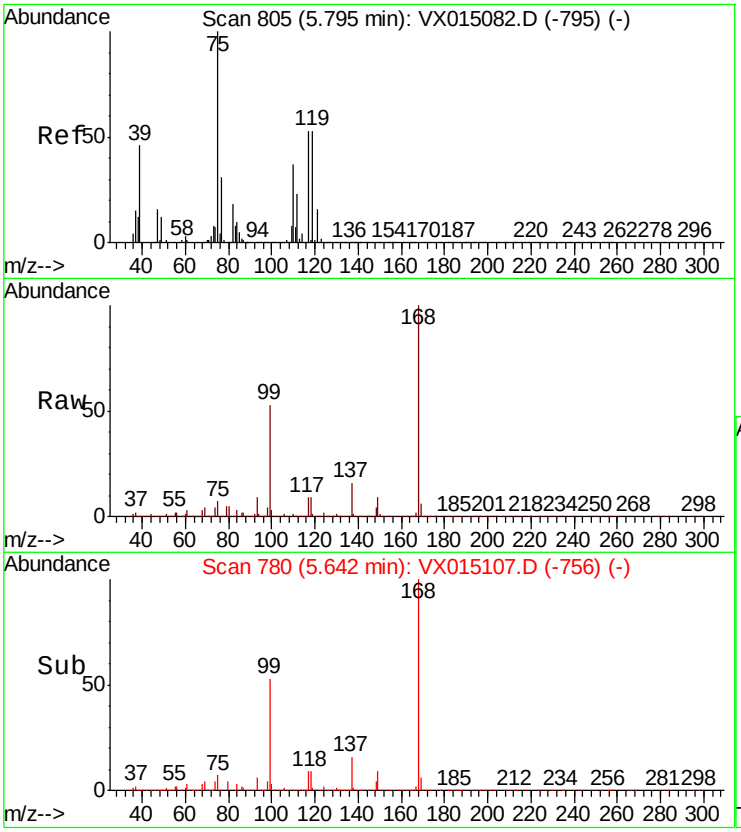


#35
Dibromofluoromethane
Concen: 43.687 ug/l
RT: 5.50 min Scan# 757
Delta R.T. 0.01 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion:113 Resp: 158729

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	23.2	18.6	28.0



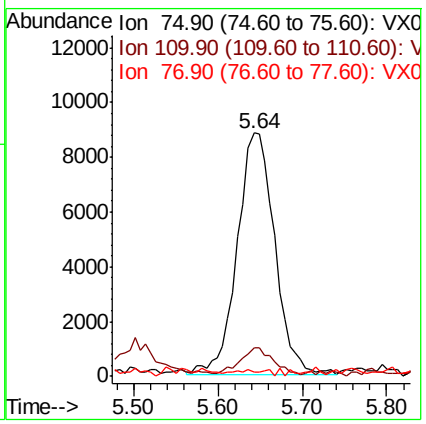


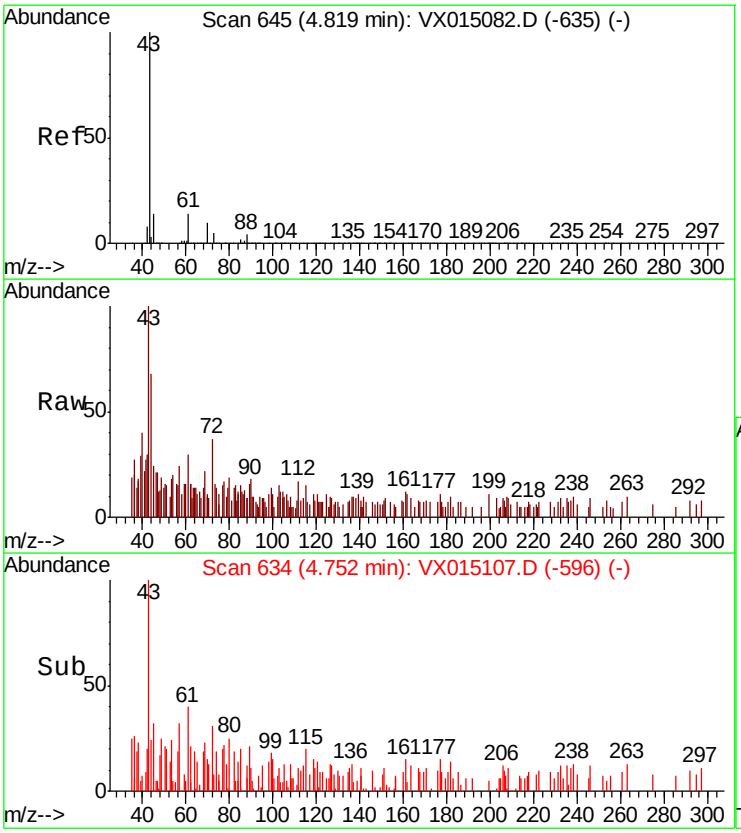
#36
1,1-Dichloropropene
Concen: 5.002 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Tgt Ion: 75 Resp: 26629

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.9	53.8#
77	1.6	24.8	37.2#

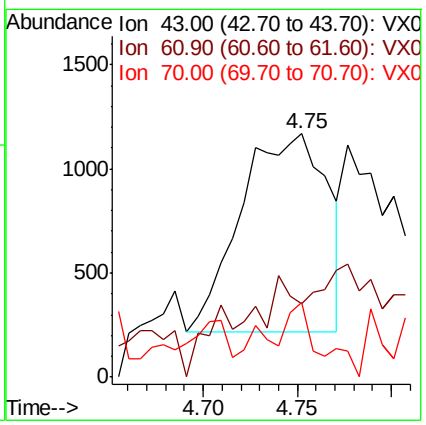


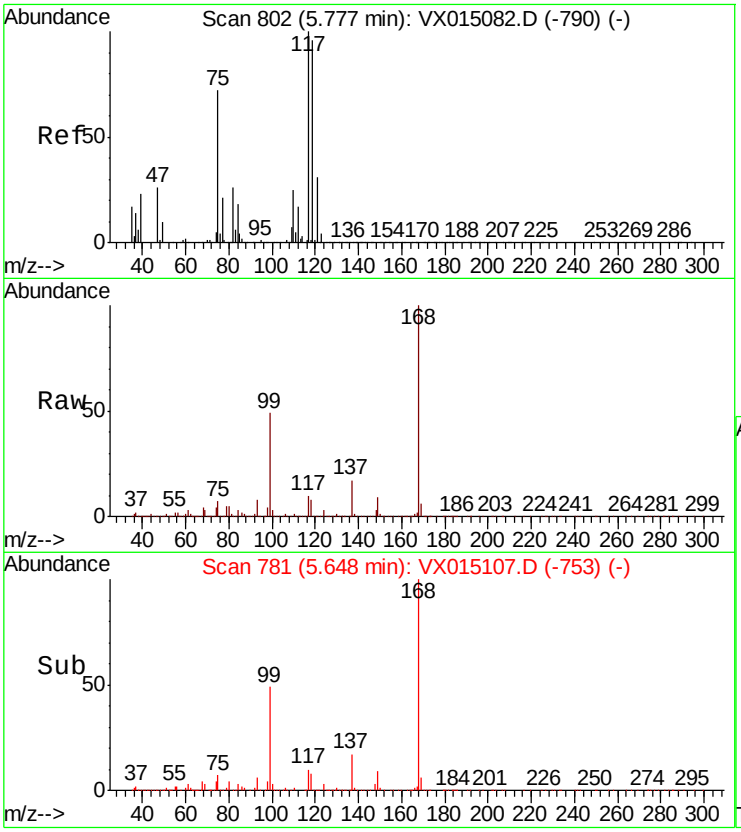


#37
Ethyl Acetate
Concen: 0.610 ug/l
RT: 4.75 min Scan# 634
Delta R.T. -0.07 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 43 Resp: 3014

Ion	Ratio	Lower	Upper
43	100		
61	9.0	11.0	16.4#
70	11.1	8.1	12.1



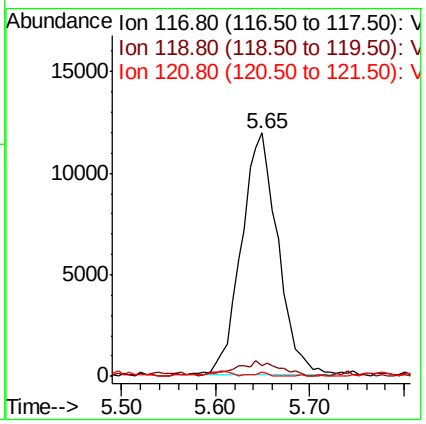


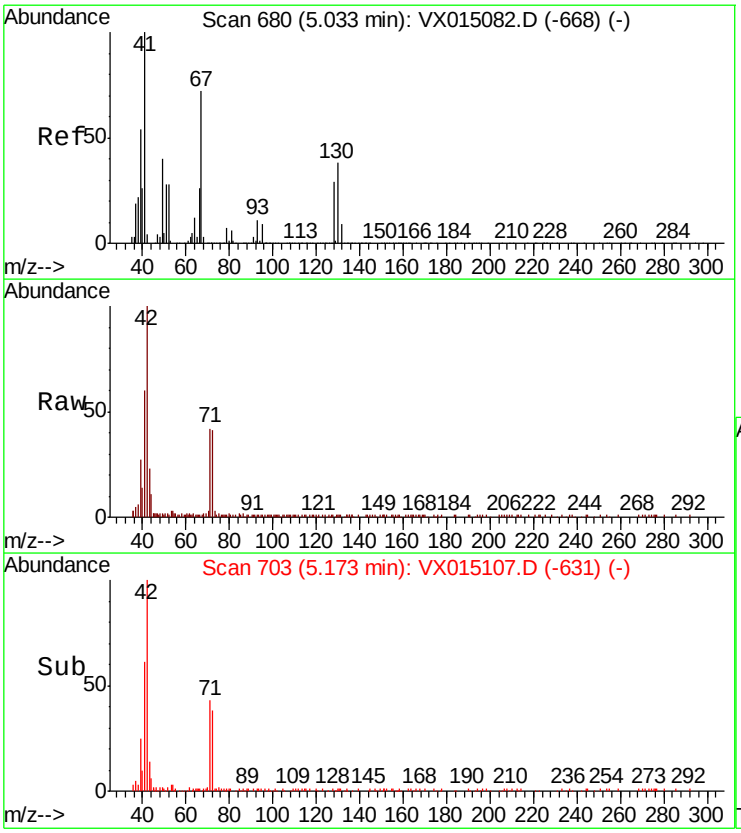
#38
Carbon Tetrachloride
Concen: 6.465 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM-030420

Tgt Ion:117 Resp: 32491

Ion	Ratio	Lower	Upper
117	100		
119	3.1	76.9	115.3#
121	1.9	24.6	37.0#

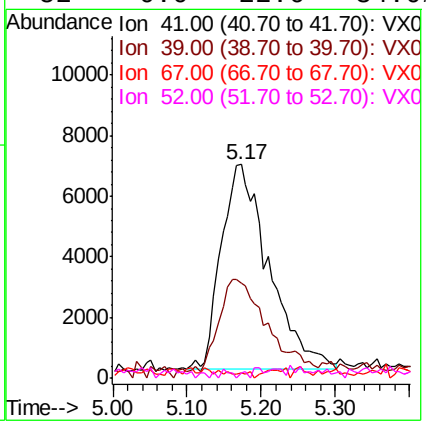


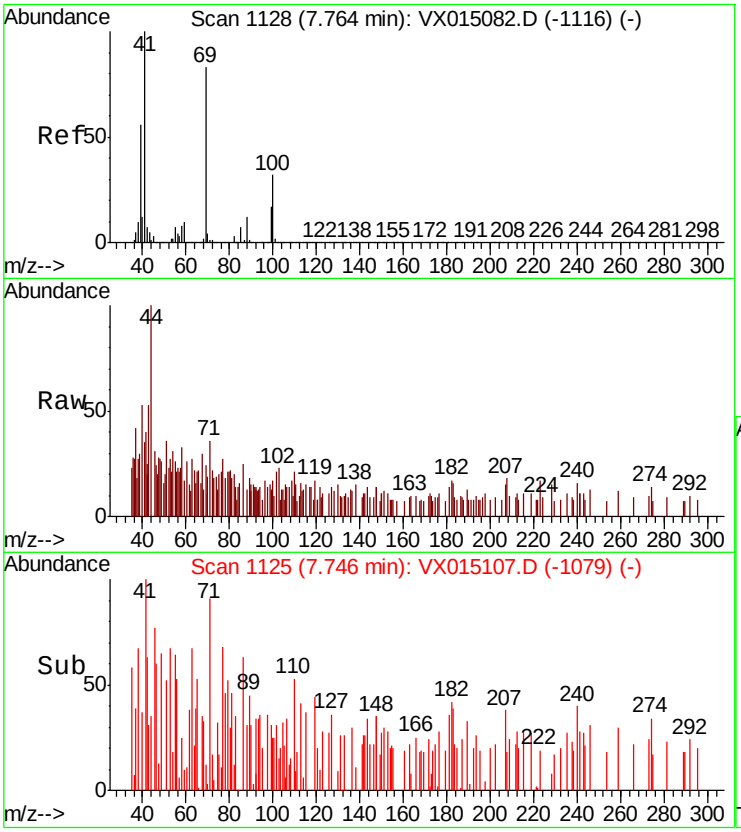


#41
Methacrylonitrile
Concen: 10.101 ug/l
RT: 5.17 min Scan# 703
Delta R.T. 0.14 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 41 Resp: 29964

Ion	Ratio	Lower	Upper
41	100		
39	46.4	43.9	65.9
67	0.0	57.8	86.8#
52	0.0	22.6	34.0#



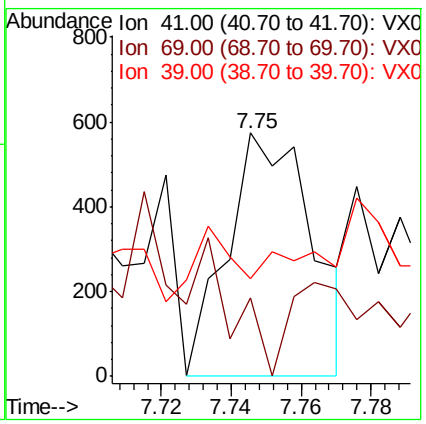


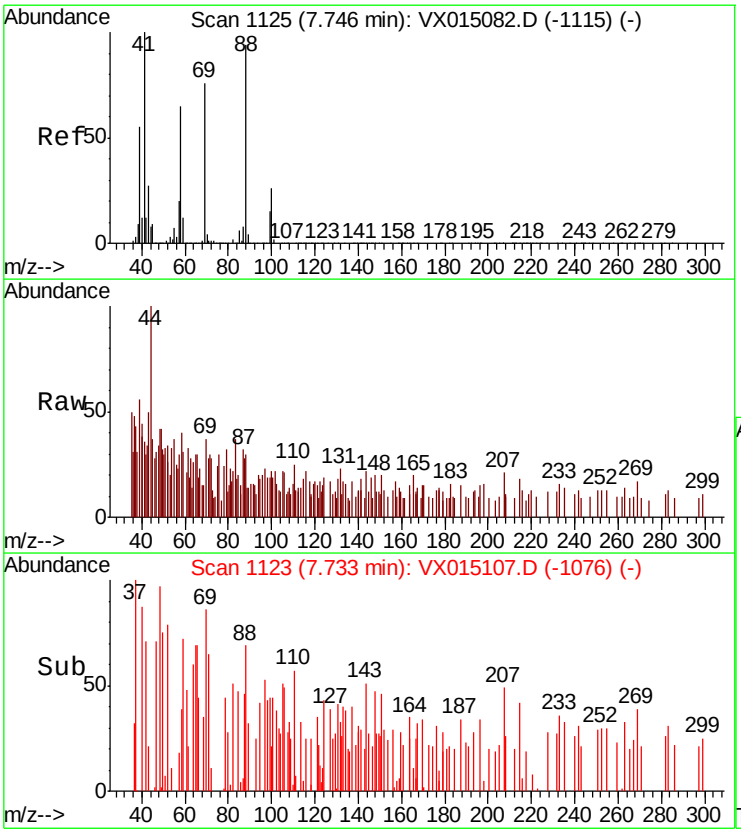
#48
Methyl methacrylate
Concen: 0.219 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.02 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM-030420

Tgt Ion: 41 Resp: 969

Ion	Ratio	Lower	Upper
41	100		
69	39.4	65.4	98.2#
39	0.0	44.6	67.0#

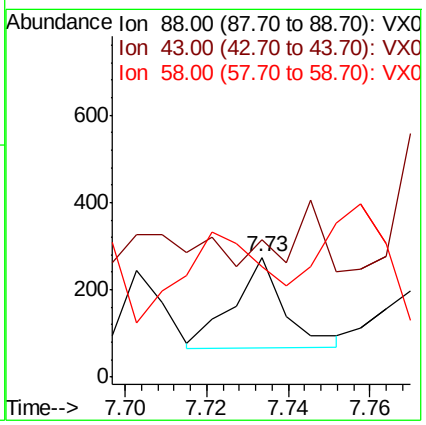


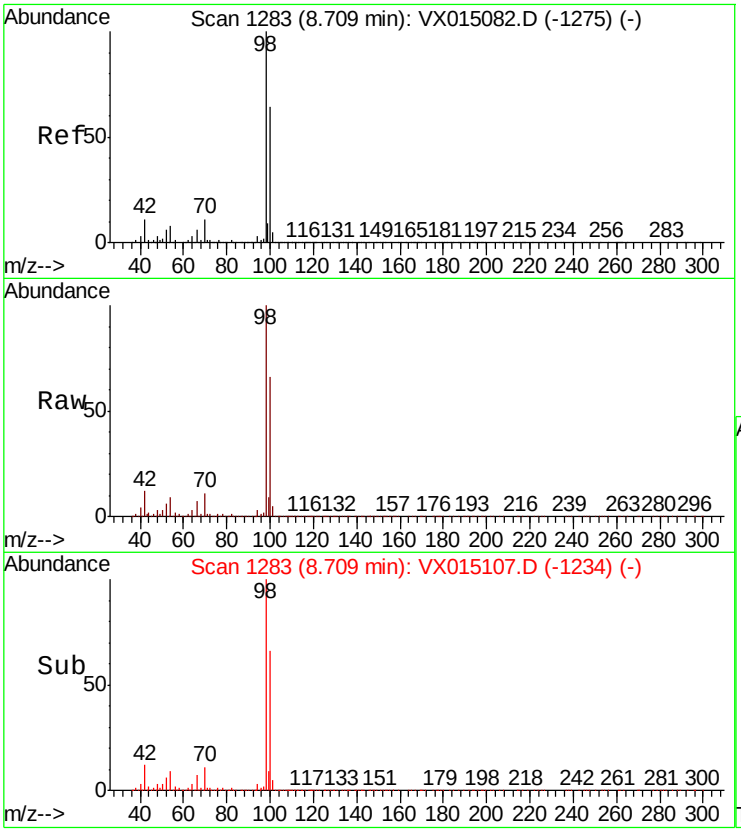


#49
1,4-Dioxane
Concen: 1.893 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 88 Resp: 181

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.0	40.4#
58	282.3	55.6	83.4#



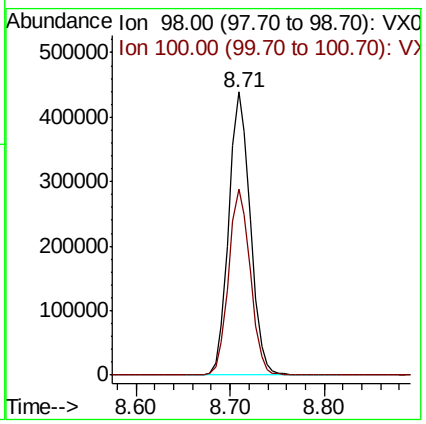


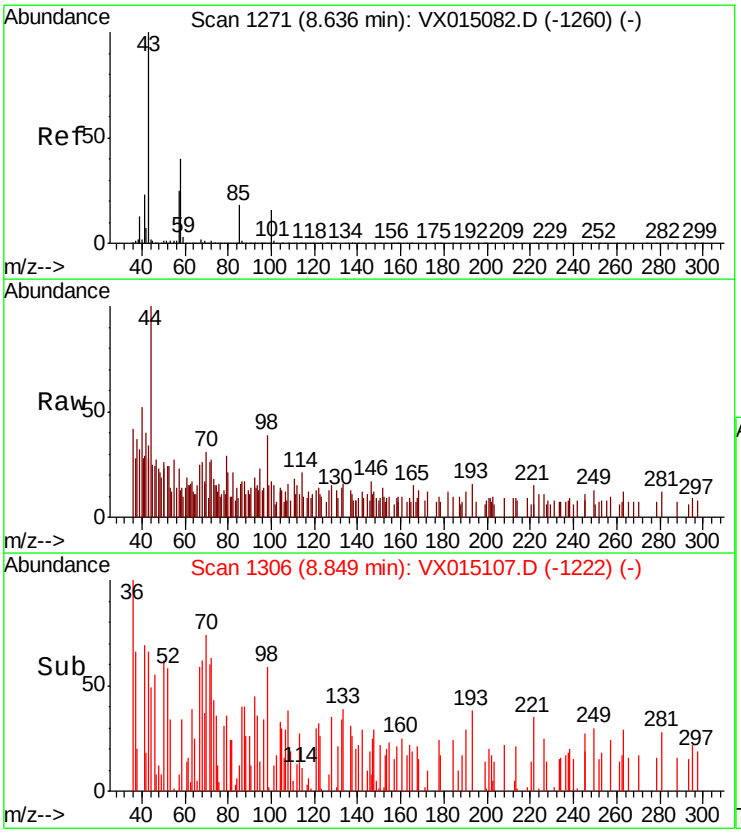
#50
Toluene-d8
Concen: 50.402 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Tgt Ion: 98 Resp: 696594

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6

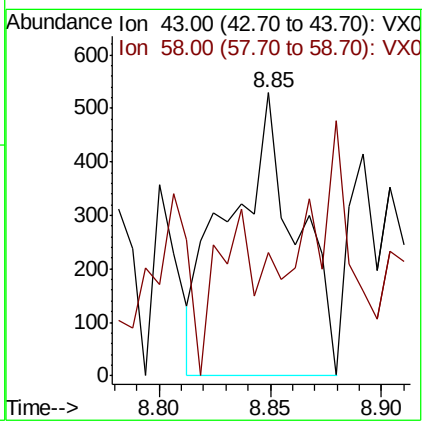


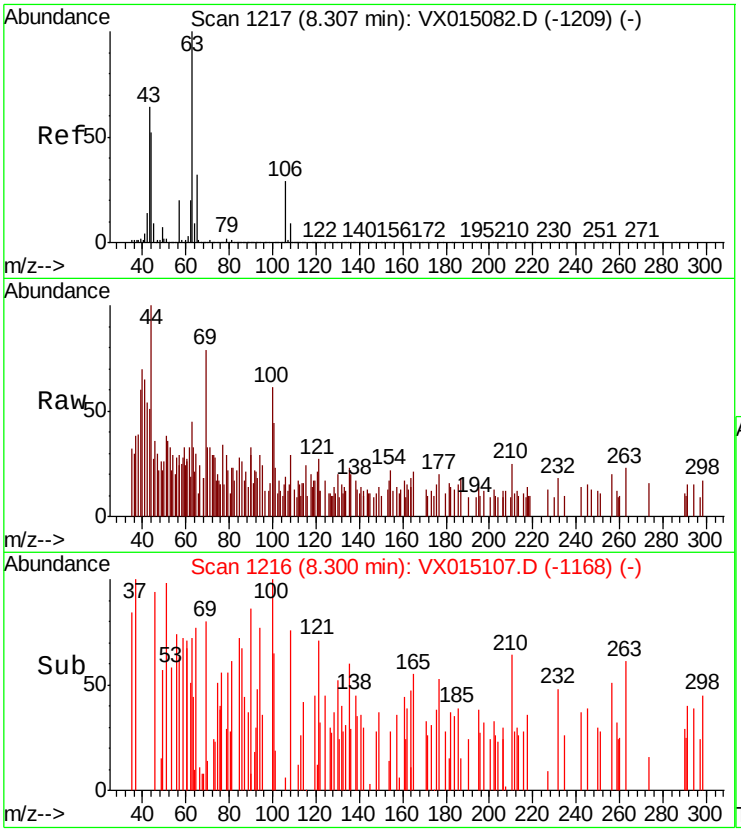


#51
4-Methyl-2-Pentanone
Concen: 0.218 ug/l
RT: 8.85 min Scan# 1306
Delta R.T. 0.21 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 43 Resp: 1121

Ion	Ratio	Lower	Upper
43	100		
58	43.4	31.6	47.4



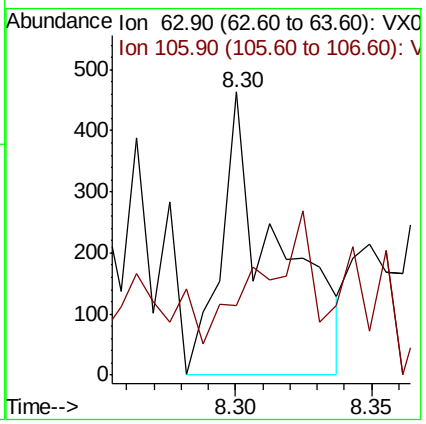


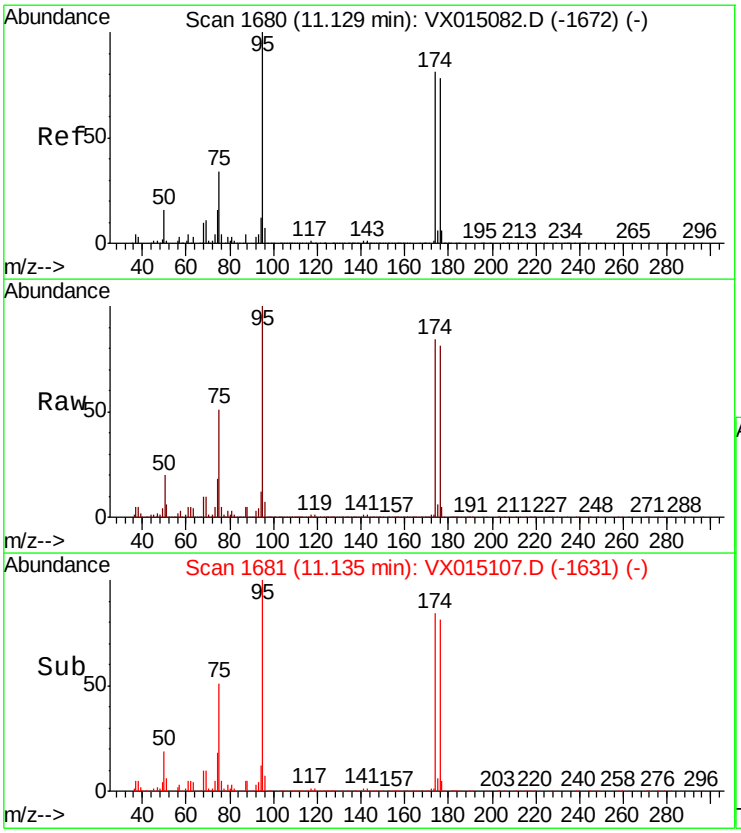
#58
2-Chloroethyl Vinyl ether
Concen: 0.214 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Tgt Ion: 63 Resp: 661

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.8	34.2#

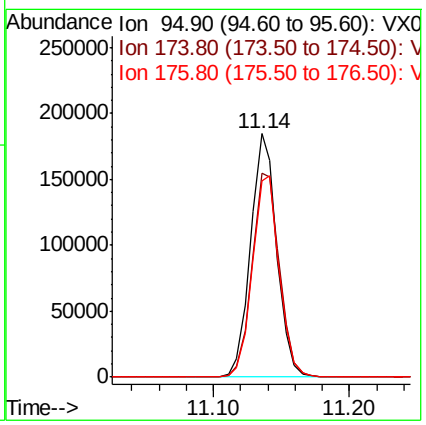


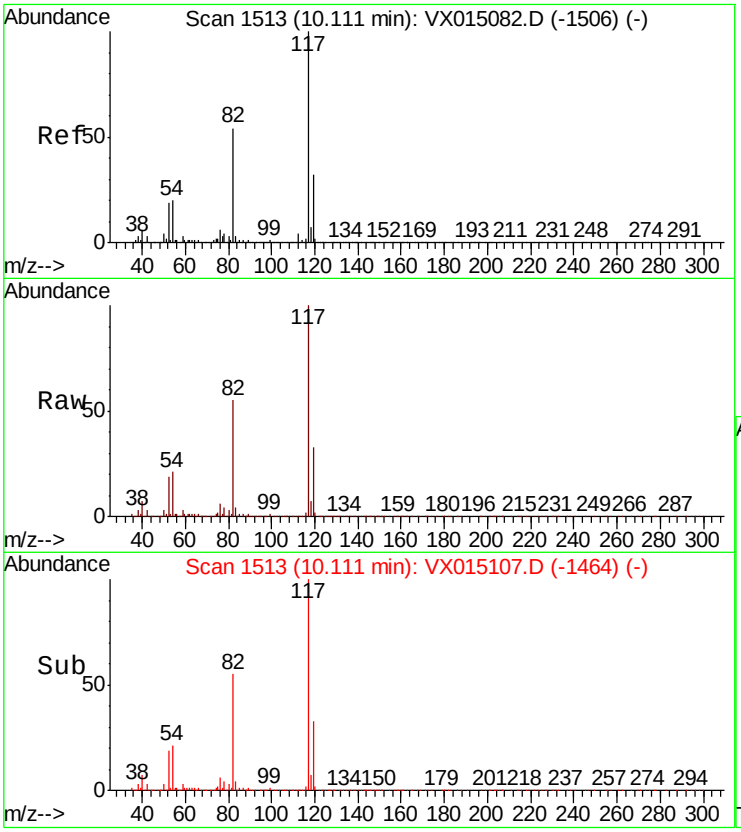


#62
4-Bromofluorobenzene
Concen: 50.506 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 95 Resp: 248979

Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	177.6
176	85.2	0.0	170.2



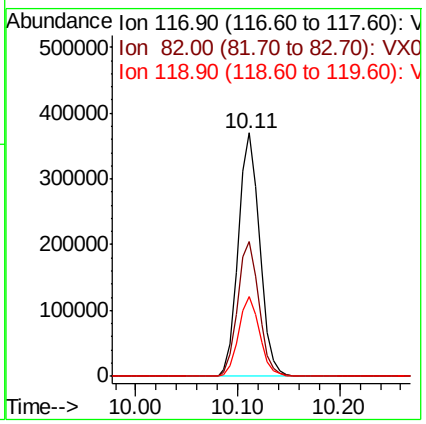


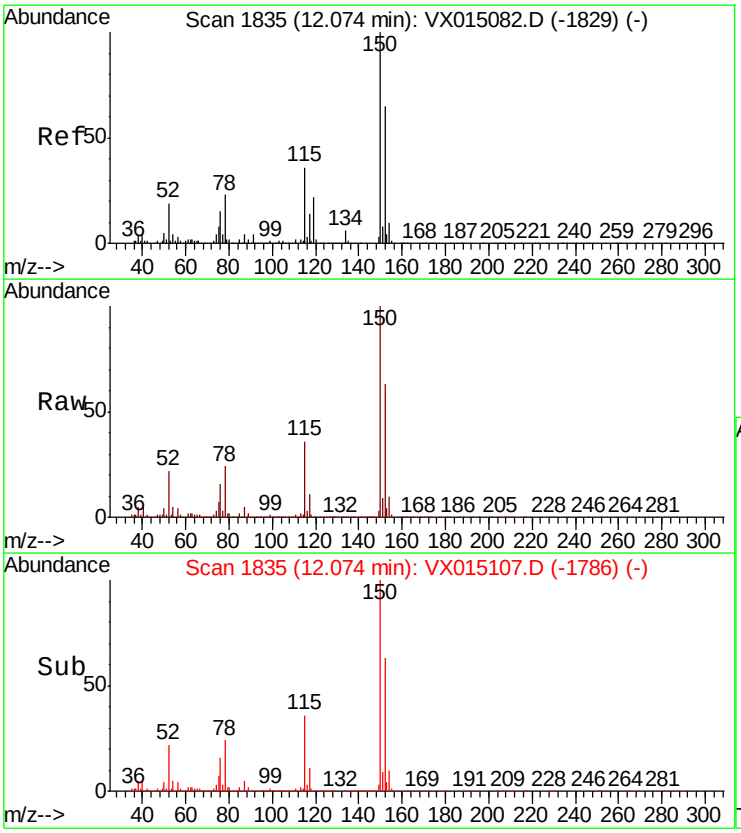
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM-030420

Tgt Ion:117 Resp: 532461

Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.3	64.9
119	32.8	25.8	38.8

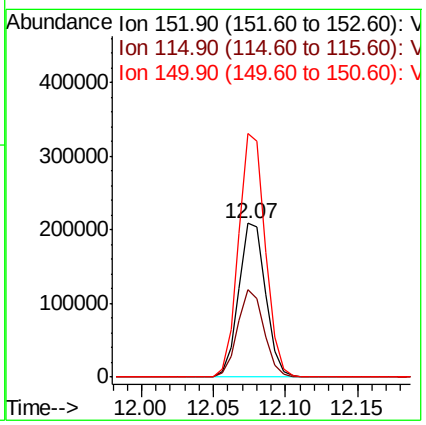


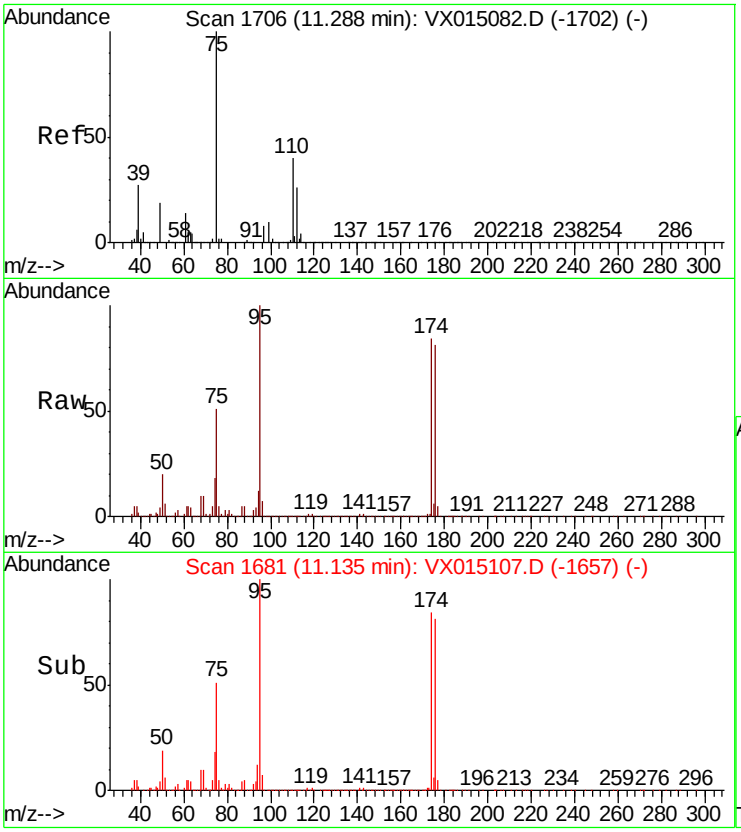


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion:152 Resp: 270844

Ion	Ratio	Lower	Upper
152	100		
115	55.9	38.2	114.6
150	157.7	0.0	343.8



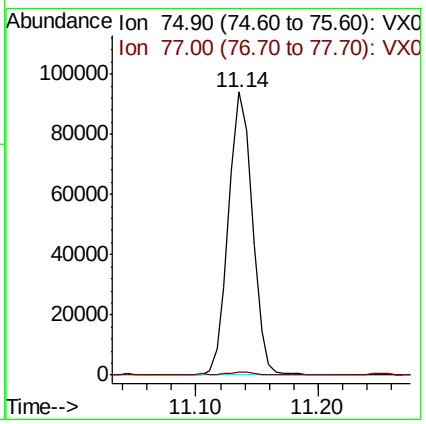


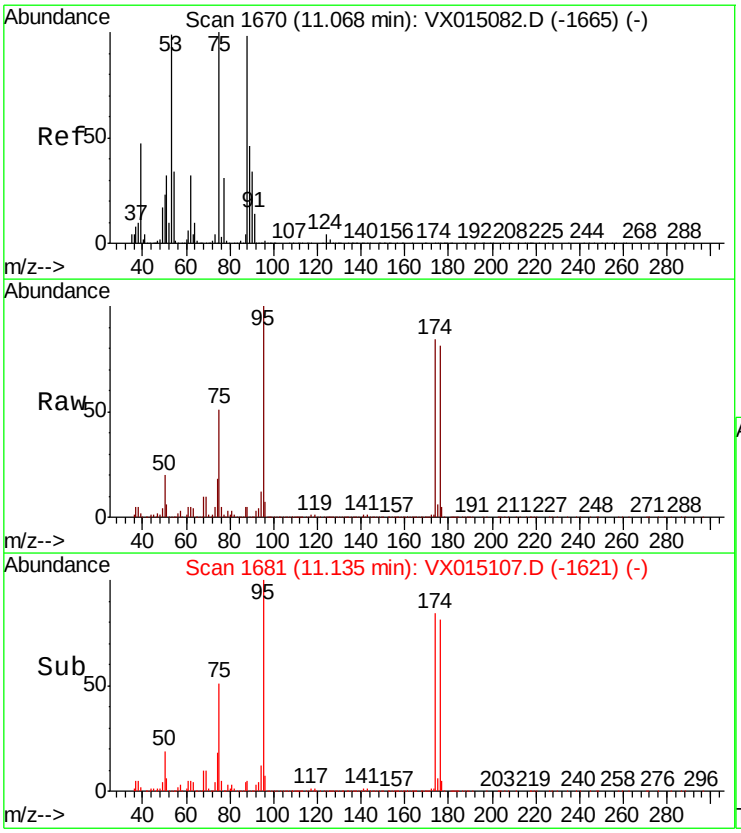
#76
1,2,3-Trichloropropane
Concen: 23.529 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.15 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Tgt Ion: 75 Resp: 127117

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.6	67.8#

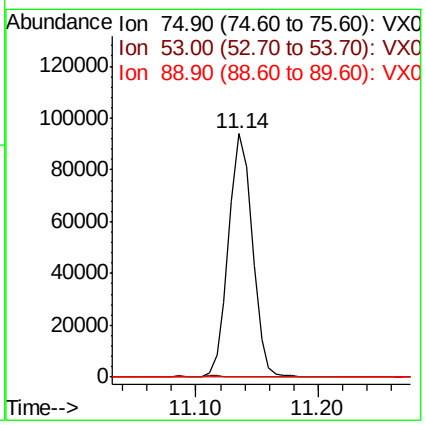


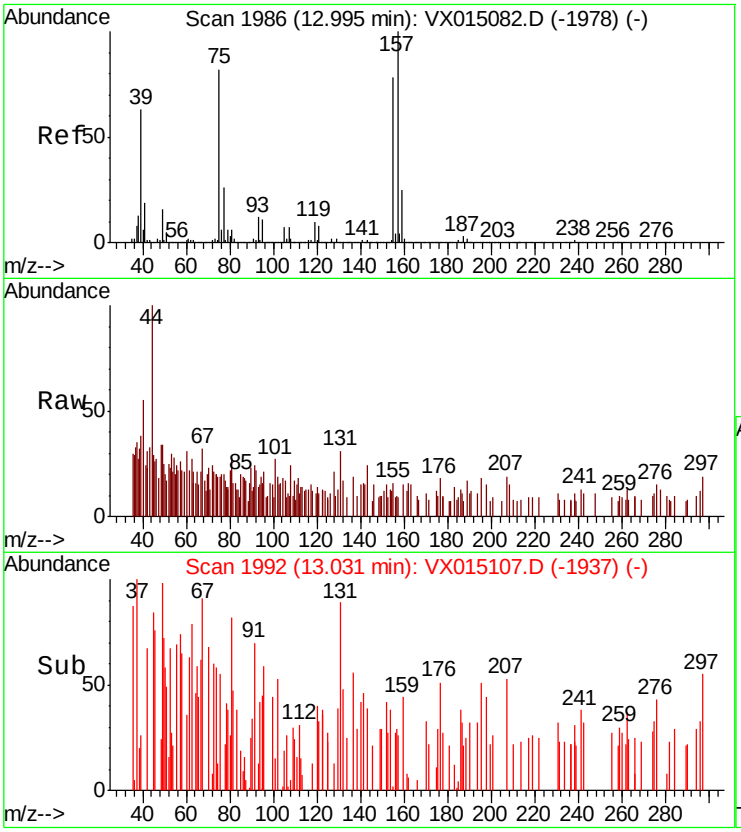


#81
trans-1,4-Dichloro-2-butene
Concen: 66.776 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion: 75 Resp: 127117

Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.9	116.9#
89	0.0	36.2	54.2#



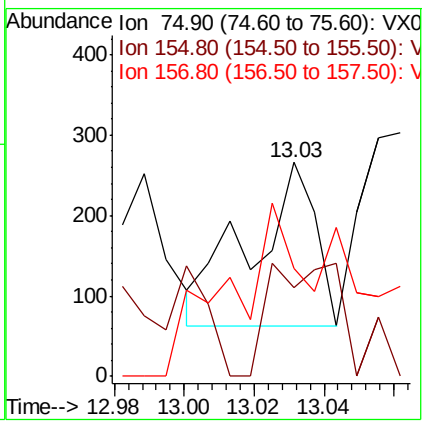


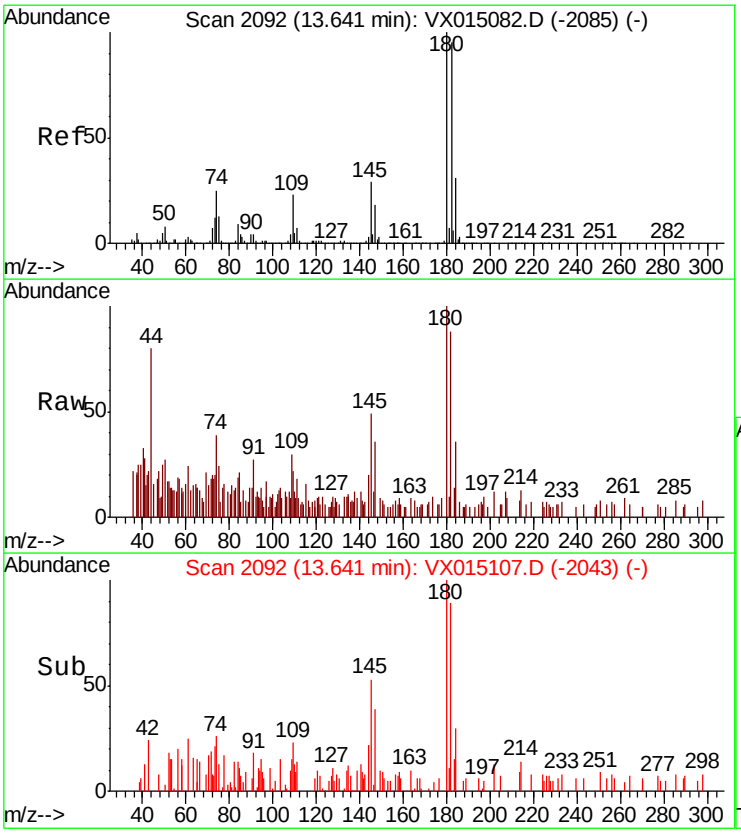
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.226 ug/l
RT: 13.03 min Scan# 1992
Delta R.T. 0.04 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Tgt Ion: 75 Resp: 261

Ion	Ratio	Lower	Upper
75	100		
155	83.9	46.6	139.7
157	118.8	59.2	177.5

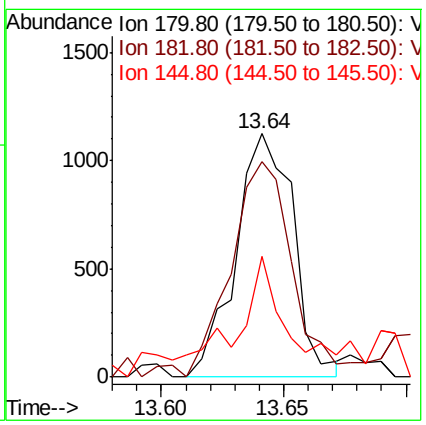


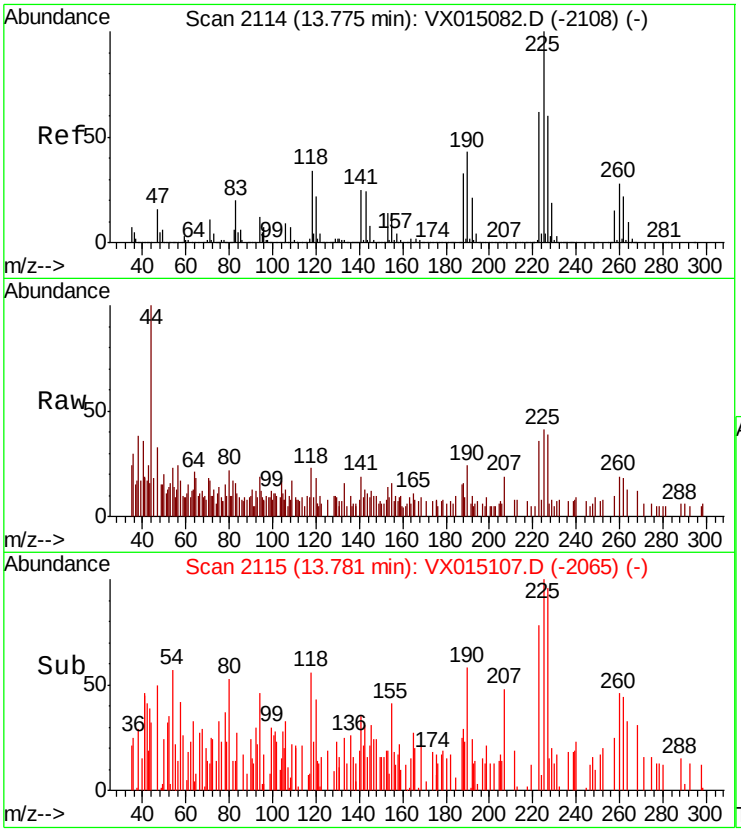


#93
1,2,4-Trichlorobenzene
Concen: 0.314 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion:180 Resp: 1839

Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.6	142.8
145	44.6	14.1	42.2#



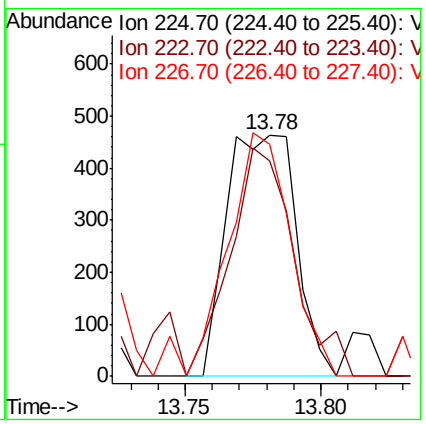


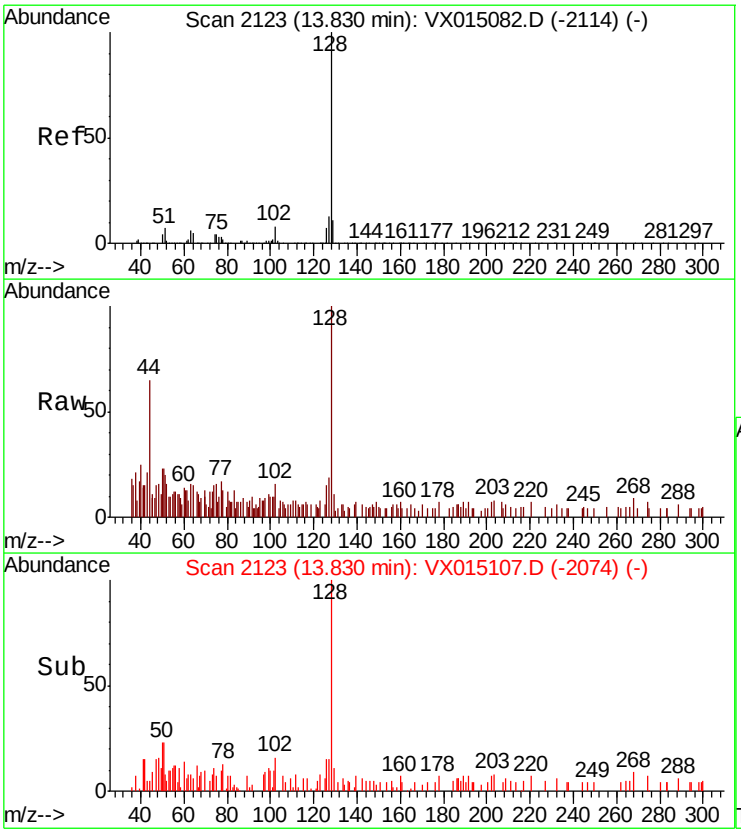
#94
Hexachlorobutadiene
Concen: 0.275 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM-030420

Tgt Ion:225 Resp: 826

Ion	Ratio	Lower	Upper
225	100		
223	86.8	31.3	93.9
227	92.4	31.1	93.2





#95
Naphthalene
Concen: 1.552 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015107.D
Acq: 05 Mar 2020 13:26

Tgt Ion:128 Resp: 2434

Ion	Ratio	Lower	Upper
128	100		
127	21.6	10.3	15.5#
129	17.7	8.6	13.0#