Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010920\
Data File : VX014514.D
Acq On : 09 Jan 2020 22:02
Operator : JC/SP
Sample : PB125963ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB125963ZHE#07

Quant Time: Jan 10 06:52:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	519724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	809176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	745194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	286715	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.84%			
35) Dibromofluoromethane	5.49	113	239565	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
50) Toluene-d8	8.71	98	962843	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
62) 4-Bromofluorobenzene	11.13	95	338875	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	125	0.272	ug/l #	22
6) Chloroethane	1.78	64	494	Below Cal	#	61
11) Tert butyl alcohol	3.01	59	4140	3.417	ug/l #	72
13) Acrolein	2.28	56	204	0.210	ug/l #	1
15) Acrylonitrile	3.14	53	890	0.304	ug/l #	44
16) Acetone	2.43	43	20309	2.850	ug/l	96
18) Methyl Acetate	2.76	43	5992	0.719	ug/l #	86
20) Methylene Chloride	2.85	84	10513	1.801	ug/l	92
25) 2-Butanone	4.66	43	10252	2.366	ug/l	100
29) Tetrahydrofuran	5.12	42	944	0.368	ug/l #	79
36) 1,1-Dichloropropene	5.65	75	36015	4.733	ug/l #	50
38) Carbon Tetrachloride	5.65	117	43942	6.275	ug/l #	17
43) Isopropyl Acetate	6.43	43	132995	9.960	ug/l	99
48) Methyl methacrylate	7.67	41	8128	1.271	ug/l #	17
49) 1,4-Dioxane	7.75	88	686	5.063	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	127350	15.652	ug/l #	49
54) cis-1,3-Dichloropropene	8.61	75	59728	6.494	ug/l #	58
59) 2-Hexanone	9.43	43	156147	24.254	ug/l #	23
74) N-amyl acetate	10.82	43	5872	0.555	ug/l #	49
76) 1,2,3-Trichloropropane	11.13	75	161322	22.814	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	161322	60.316	ug/l #	12
88) 1,4-Dichlorobenzene	12.09	146	487	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	13.64	180	313	Below Cal	#	47
96) 1,2,3-Trichlorobenzene	14.24	180	372	Below Cal		62

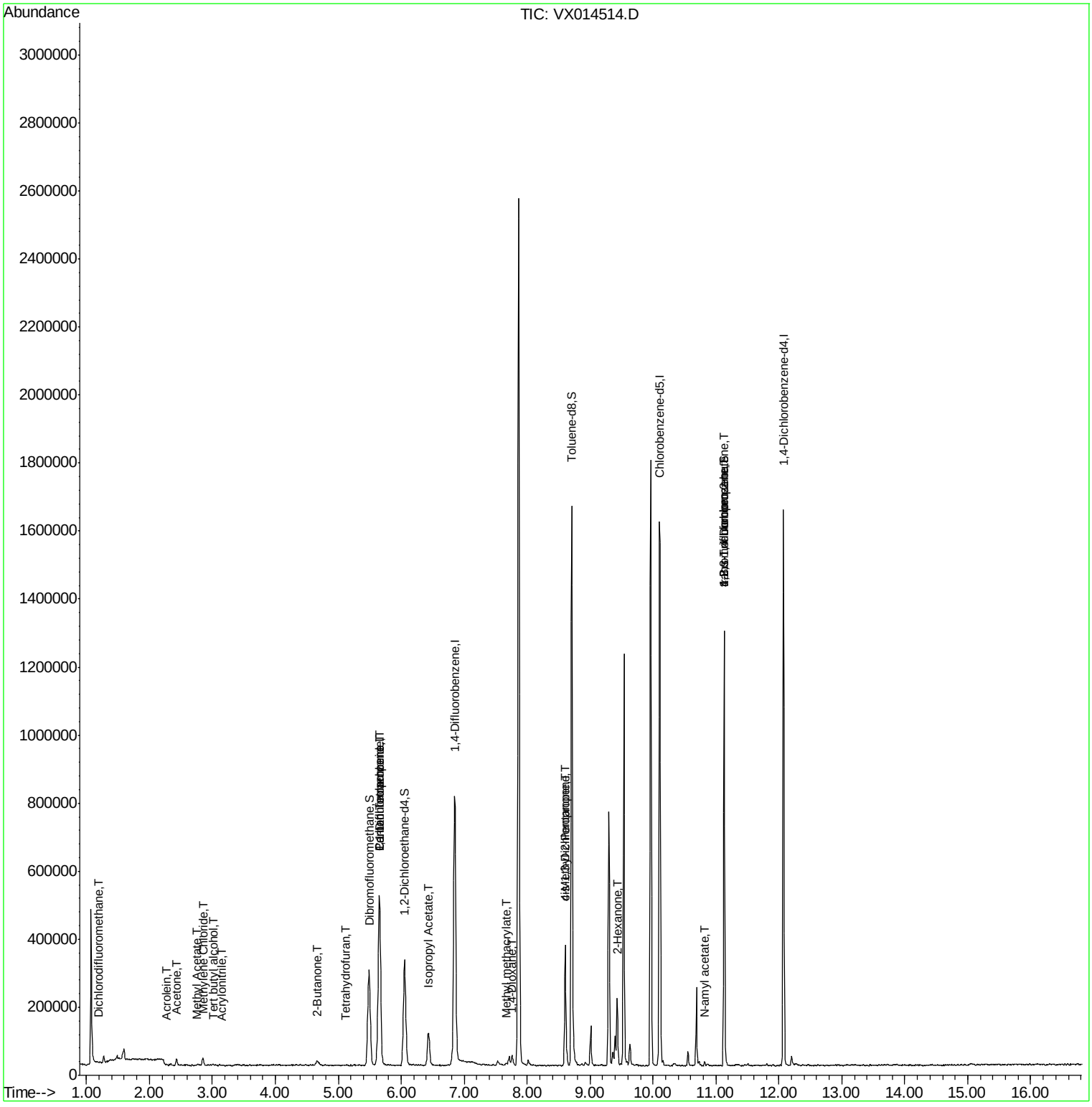
(#) = qualifier out of range (m) = manual integration (+) = signals summed

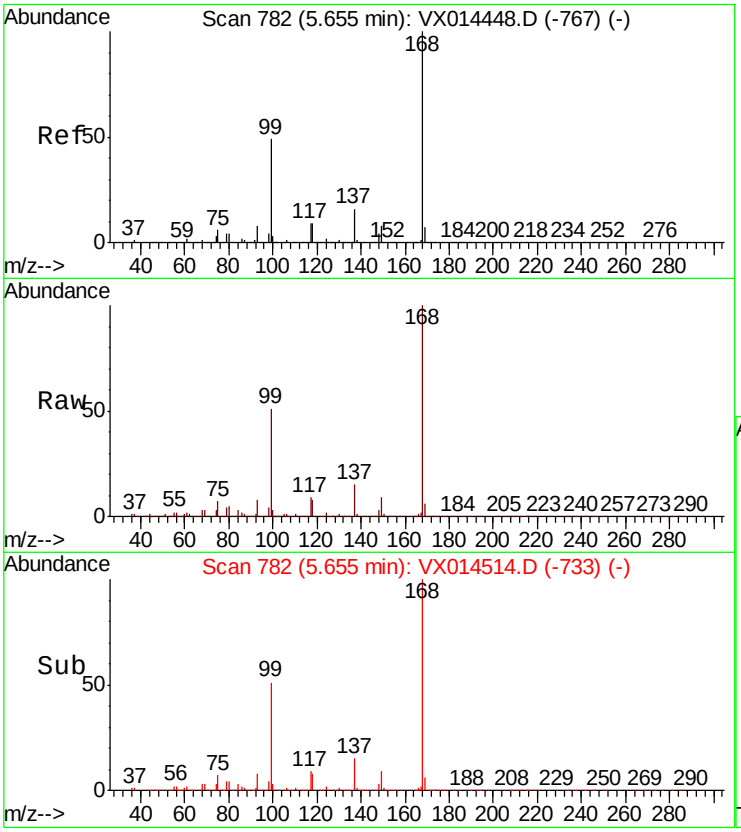
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010920\
Data File : VX014514.D
Acq On : 09 Jan 2020 22:02
Operator : JC/SP
Sample : PB125963ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB125963ZHE#07

Quant Time: Jan 10 06:52:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration



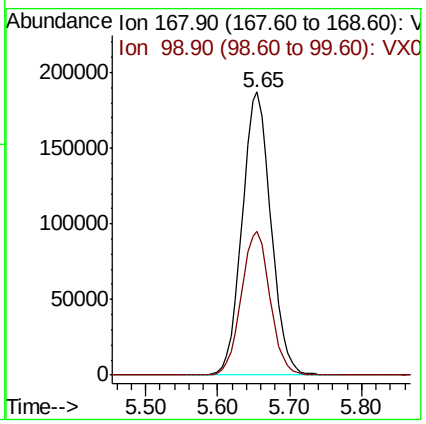


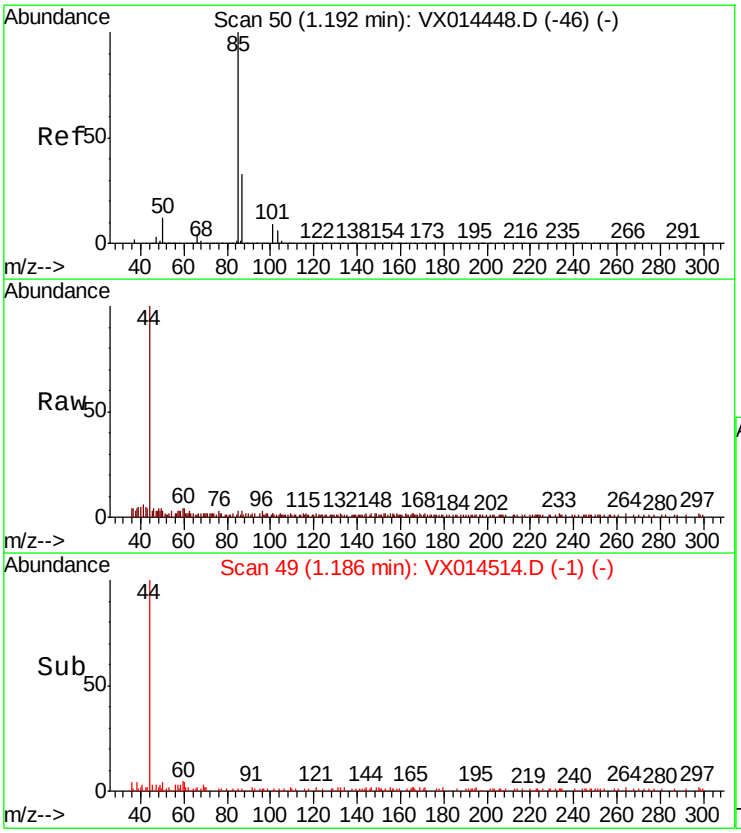
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
PB125963ZHE#07

Tgt Ion:168 Resp: 519724

Ion	Ratio	Lower	Upper
168	100		
99	50.7	39.2	58.8

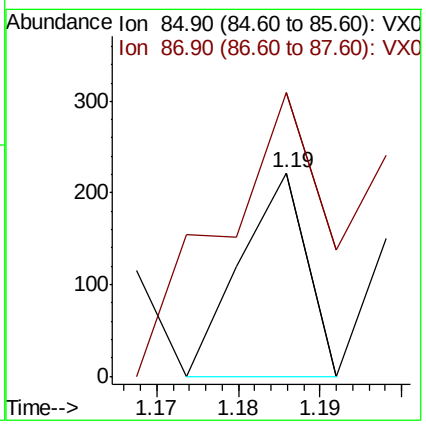


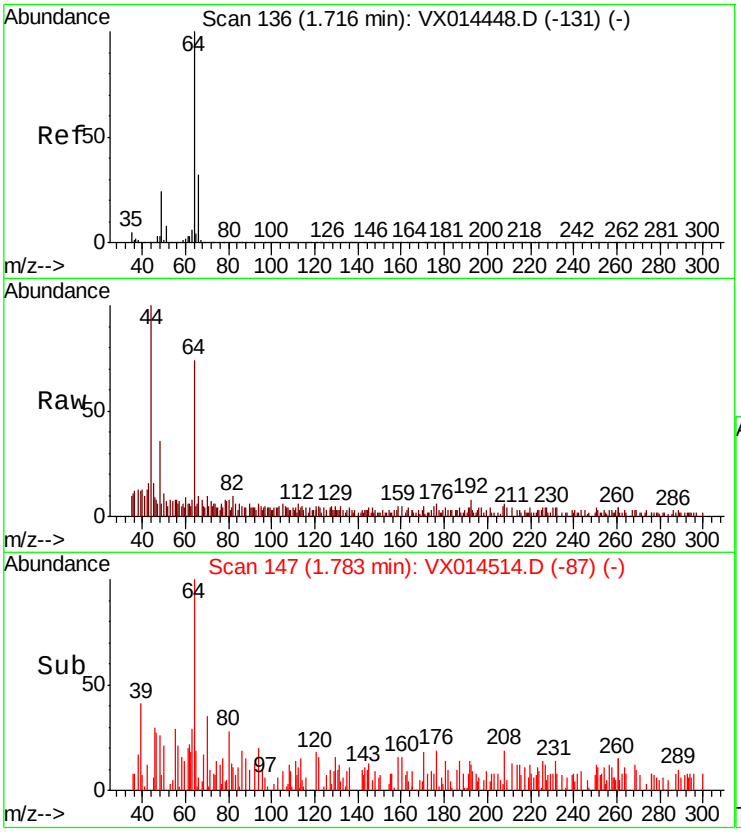


#2
Dichlorodifluoromethane
Concen: 0.272 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion: 85 Resp: 125

Ion	Ratio	Lower	Upper
85	100		
87	77.0	16.5	49.5#



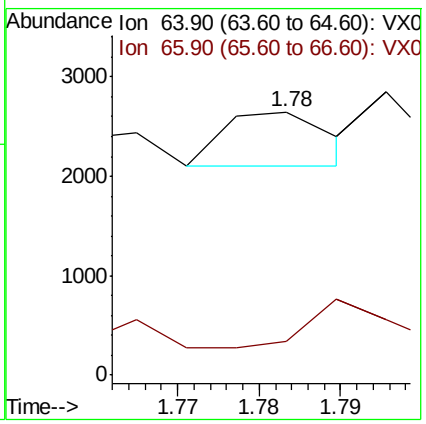


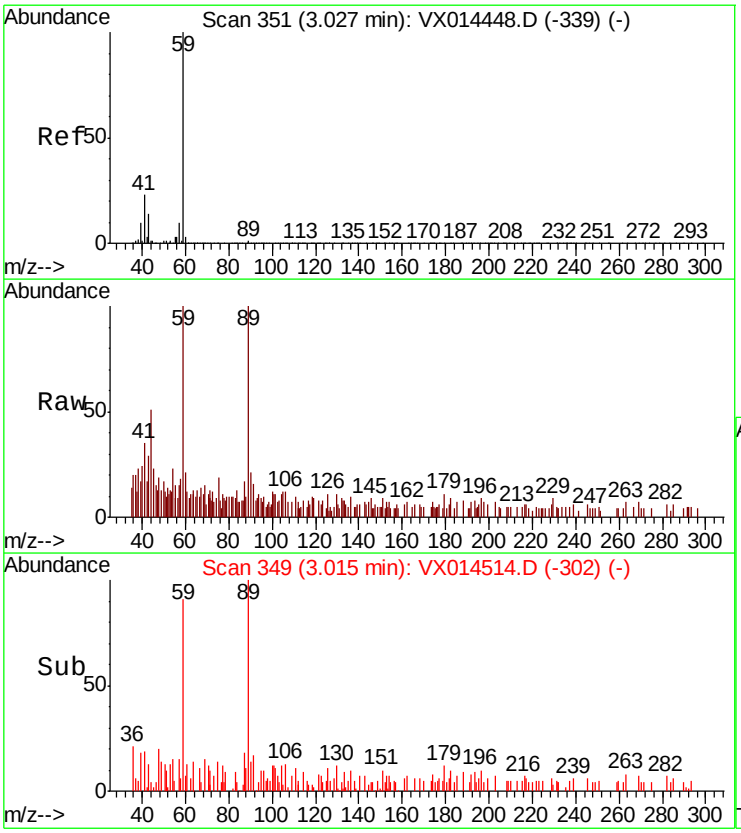
#6
Chloroethane
Concen: Below Cal
RT: 1.78 min Scan# 147
Delta R.T. 0.07 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
PB125963ZHE#07

Tgt Ion: 64 Resp: 494

Ion	Ratio	Lower	Upper
64	100		
66	9.8	25.3	37.9#

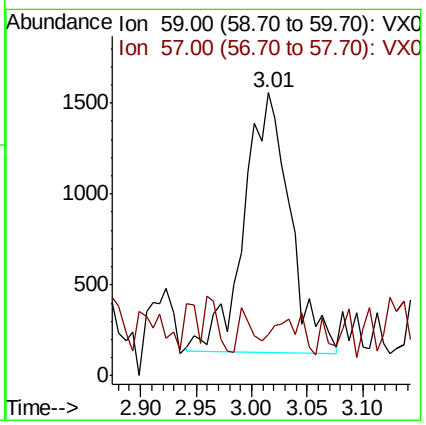


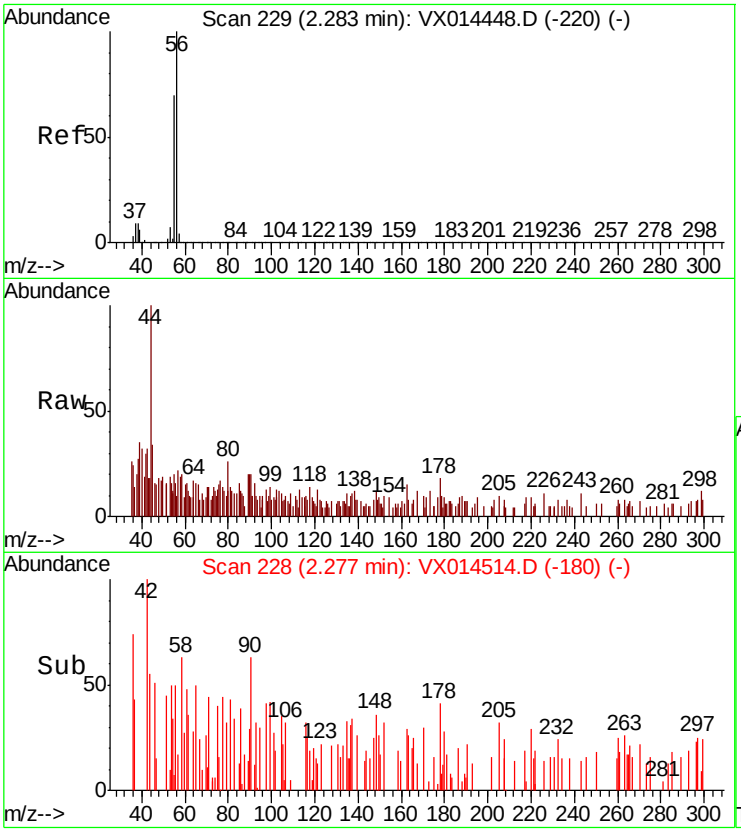


#11
Tert butyl alcohol
Concen: 3.417 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion: 59 Resp: 4140

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



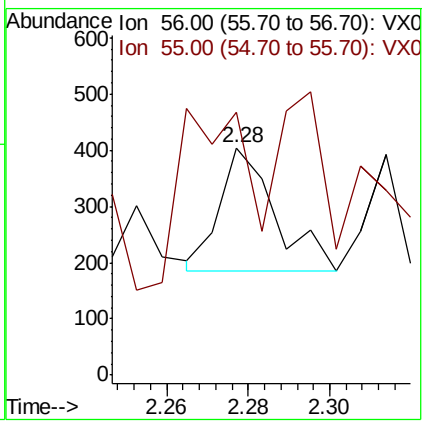


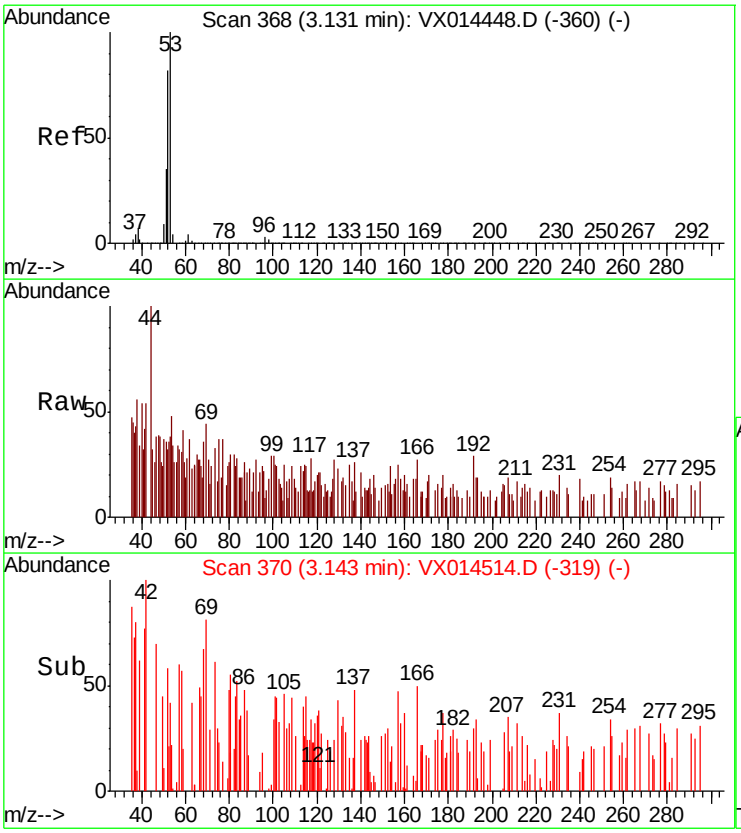
#13
Acrolein
Concen: 0.210 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument : MSVOA_X
ClientSampleId : PB125963ZHE#07

Tgt Ion: 56 Resp: 204

Ion	Ratio	Lower	Upper
56	100		
55	182.4	55.0	82.6#

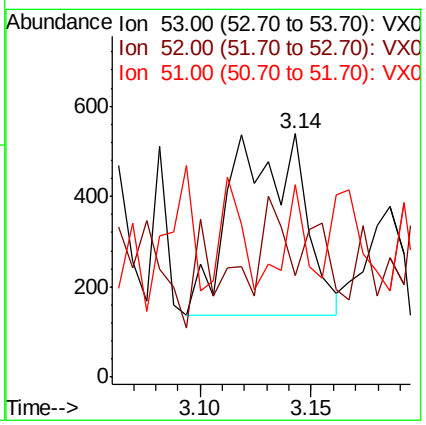


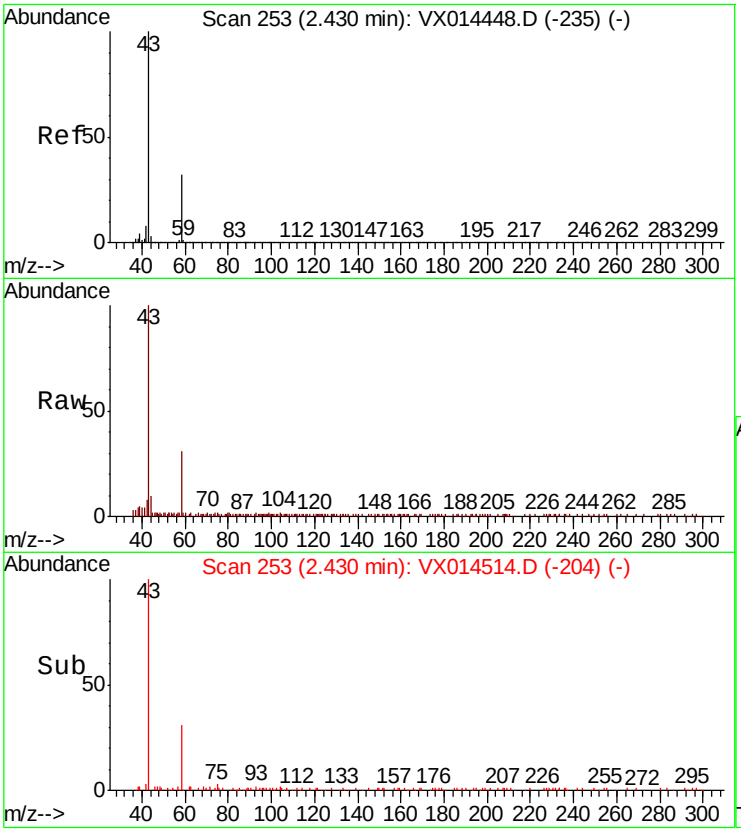


#15
Acrylonitrile
Concen: 0.304 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.01 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion: 53 Resp: 890

Ion	Ratio	Lower	Upper
53	100		
52	27.3	67.0	100.4#
51	11.3	28.5	42.7#



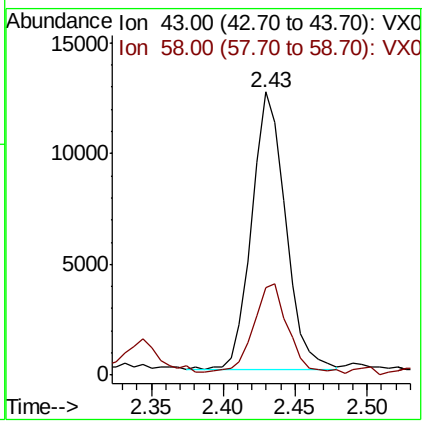


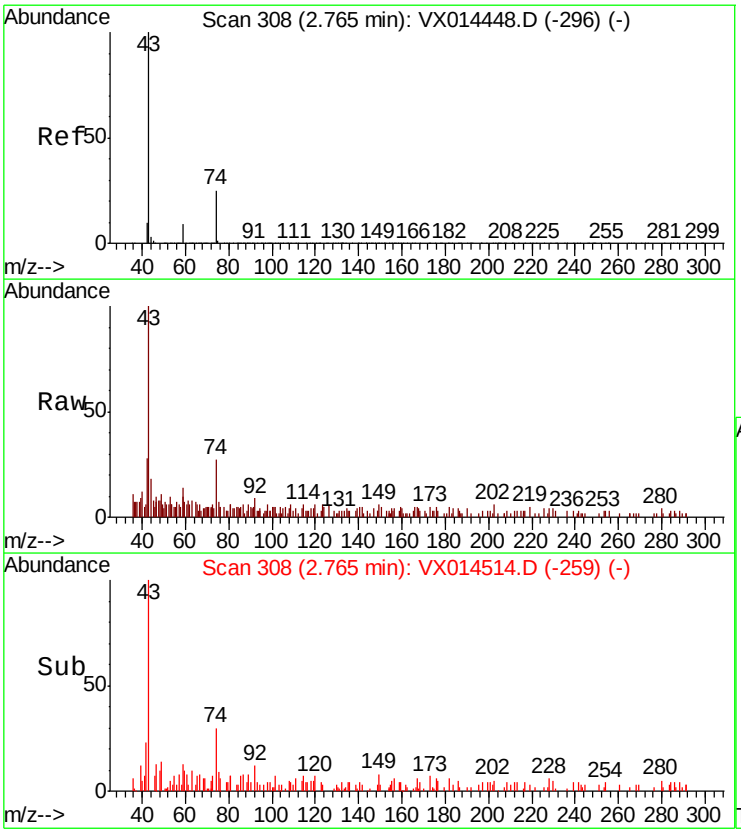
#16
Acetone
Concen: 2.850 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument : MSVOA_X
ClientSampleId : PB125963ZHE#07

Tgt Ion: 43 Resp: 20309

Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.4	38.0

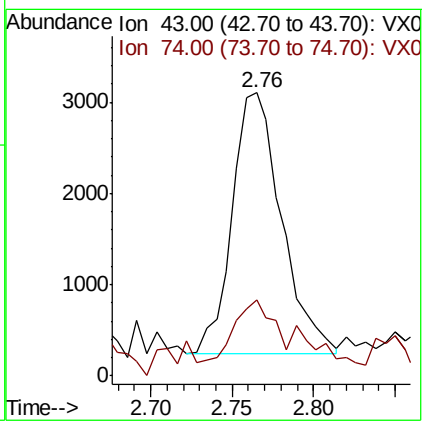


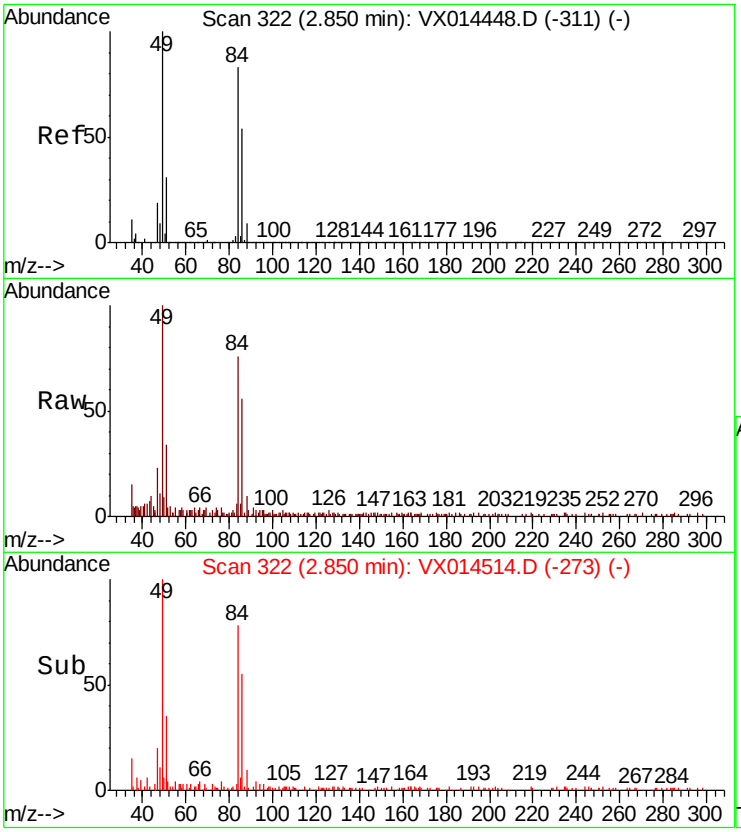


#18
Methyl Acetate
Concen: 0.719 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion: 43 Resp: 5992

Ion	Ratio	Lower	Upper
43	100		
74	17.5	19.4	29.2#



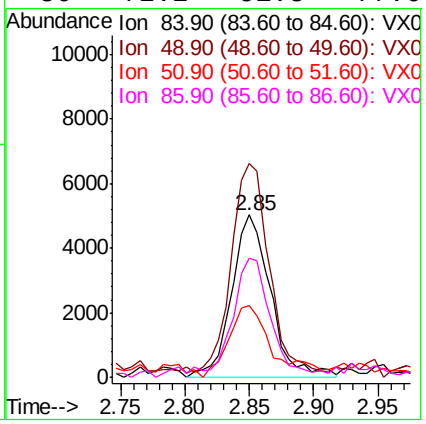


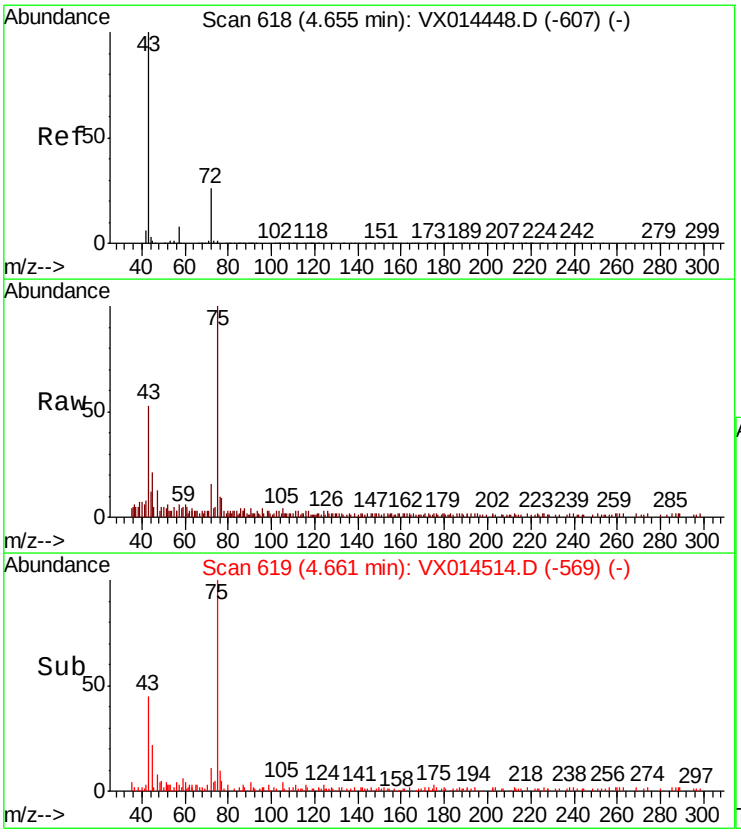
#20
Methylene Chloride
Concen: 1.801 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
PB125963ZHE#07

Tgt Ion: 84 Resp: 10513

Ion	Ratio	Lower	Upper
84	100		
49	127.6	95.8	143.8
51	42.1	30.2	45.4
86	72.2	51.8	77.6

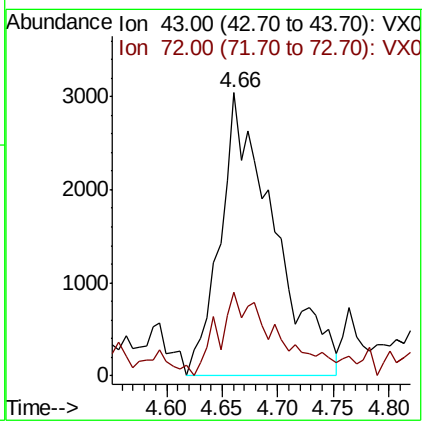


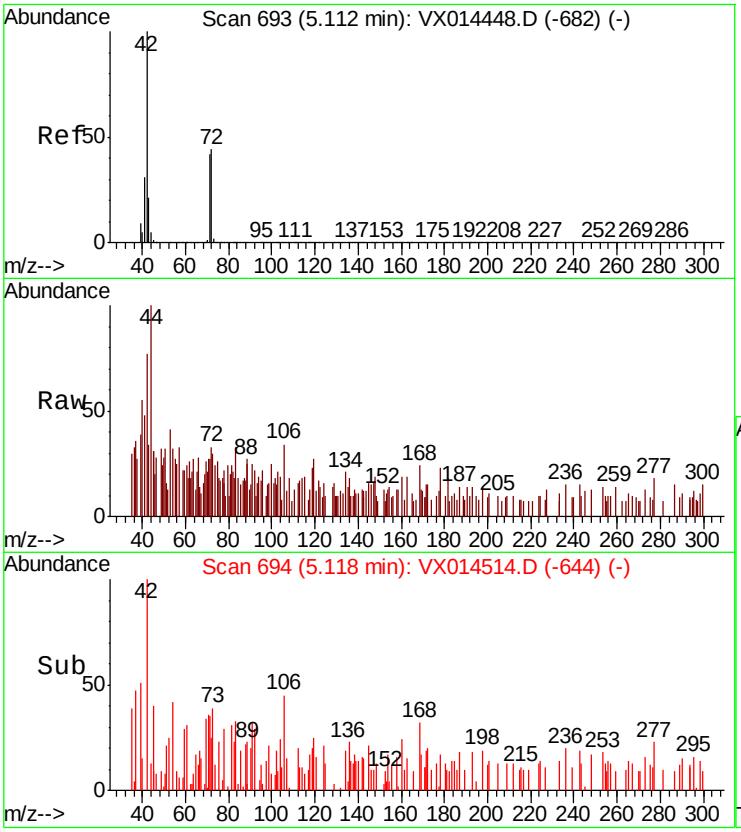


#25
2-Butanone
Concen: 2.366 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion: 43 Resp: 10252

Ion	Ratio	Lower	Upper
43	100		
72	25.9	20.6	31.0



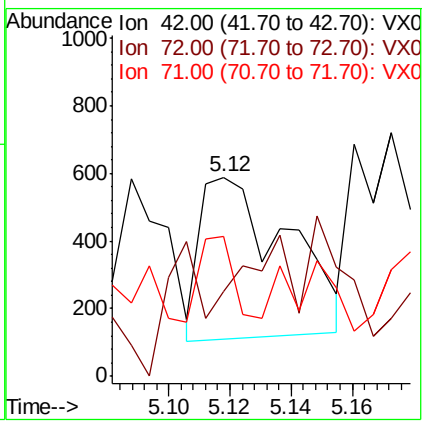


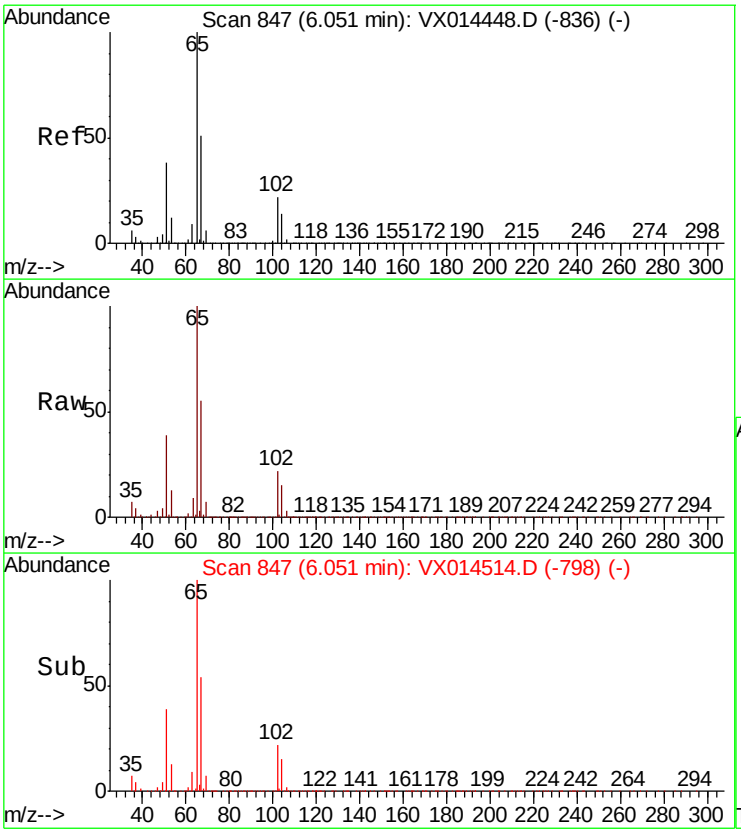
#29
Tetrahydrofuran
Concen: 0.368 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
PB125963ZHE#07

Tgt Ion: 42 Resp: 944

Ion	Ratio	Lower	Upper
42	100		
72	33.5	36.2	54.4#
71	27.0	34.1	51.1#

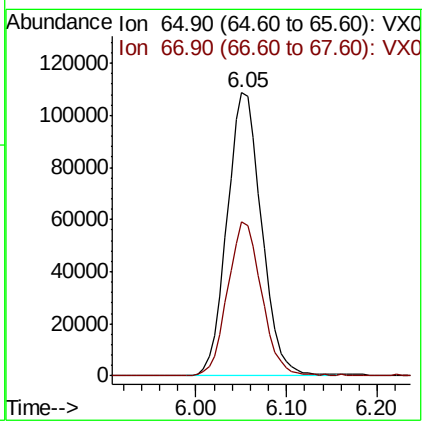


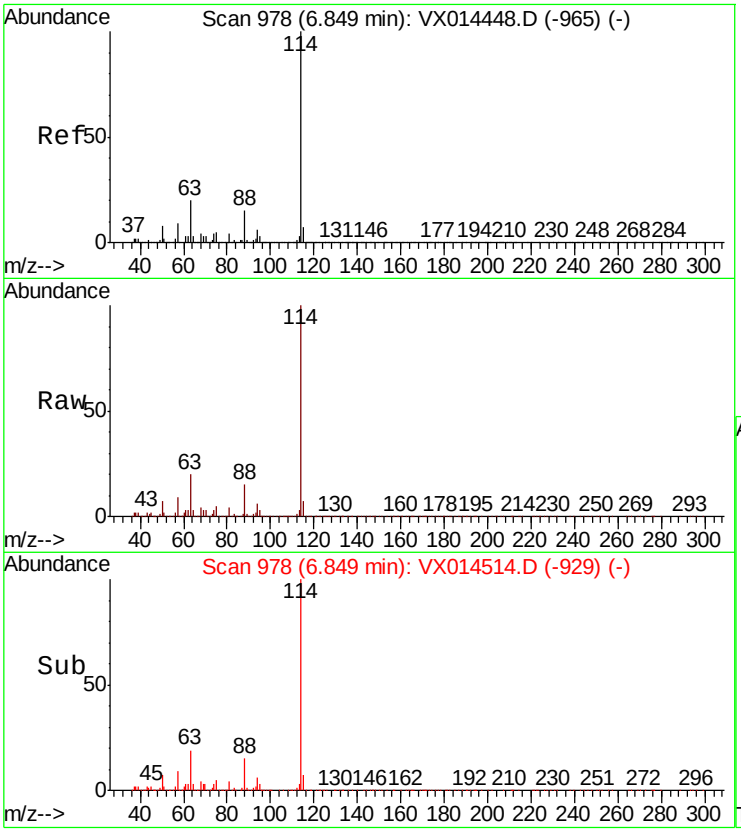


#33
1,2-Dichloroethane-d4
Concen: 49.418 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion: 65 Resp: 286715

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.2



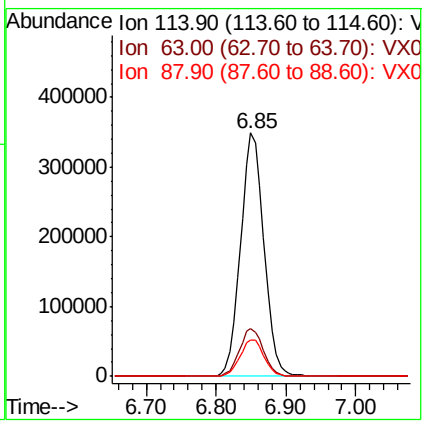


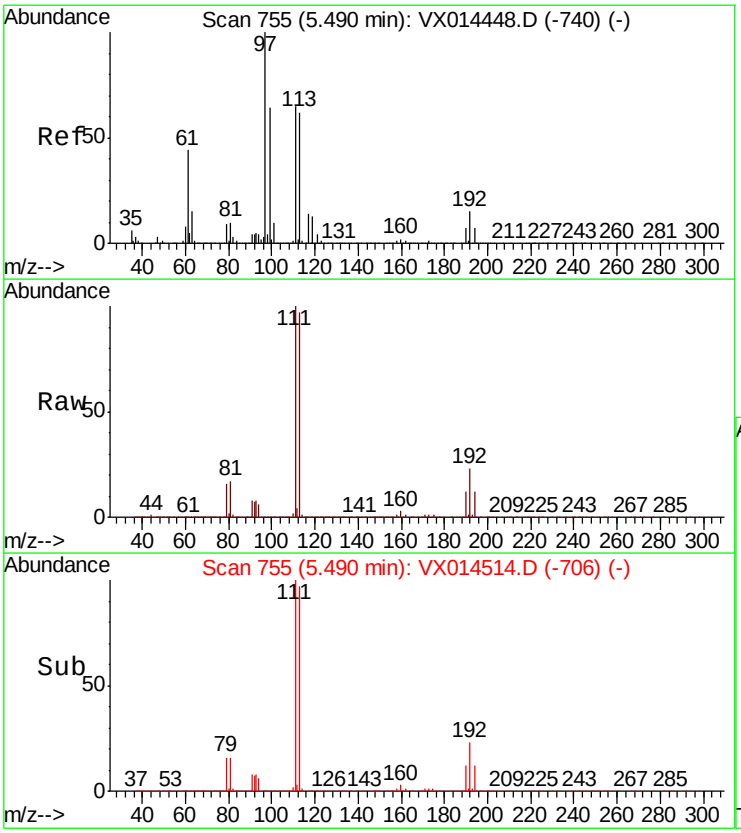
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
PB125963ZHE#07

Tgt Ion:114 Resp: 809176

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	15.1	0.0	30.8

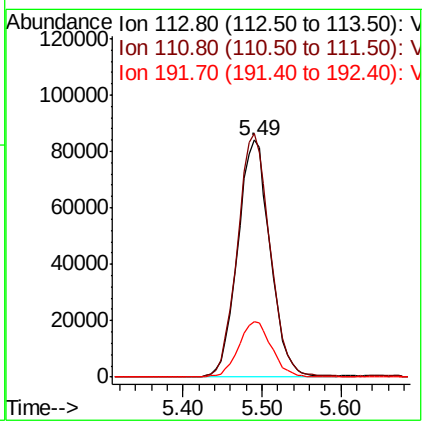


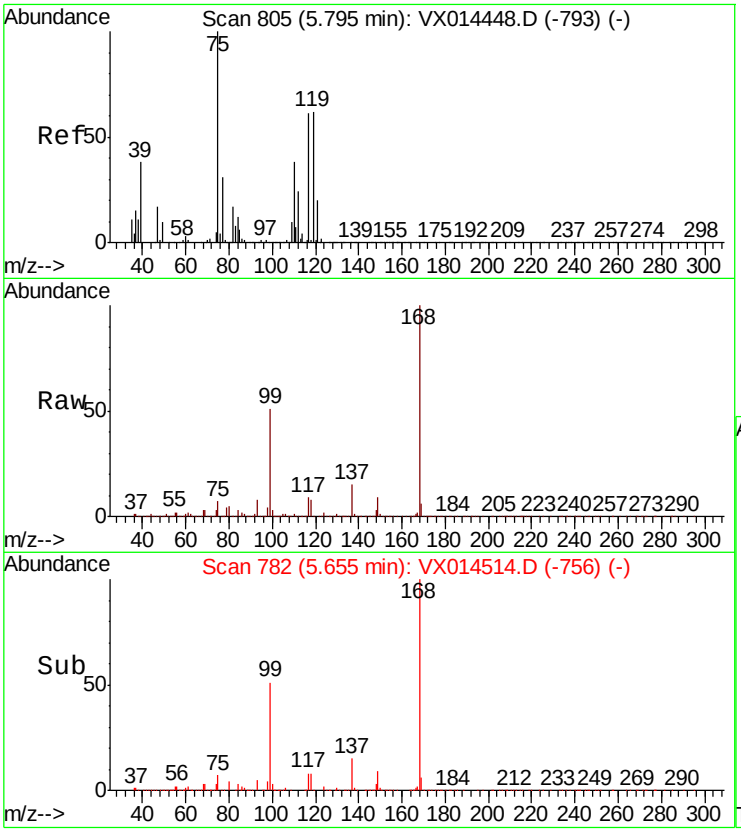


#35
Dibromofluoromethane
Concen: 48.908 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion:113 Resp: 239565

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.5	122.3
192	23.4	19.2	28.8



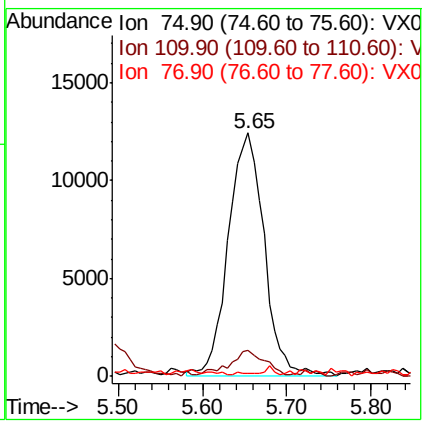


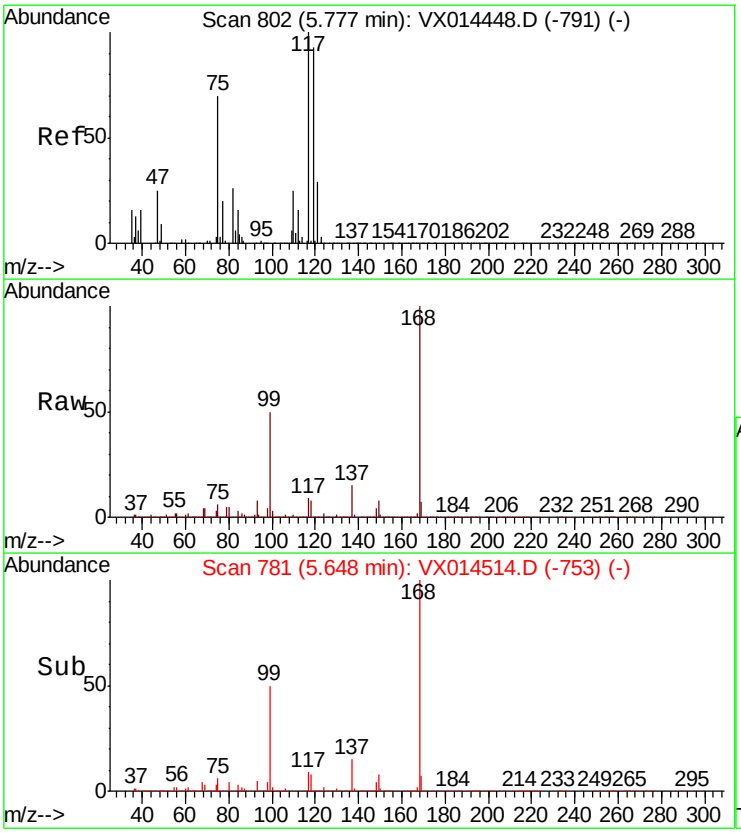
#36
1,1-Dichloropropene
Concen: 4.733 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.14 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
PB125963ZHE#07

Tgt Ion: 75 Resp: 36015

Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.6	55.8#
77	0.3	24.5	36.7#

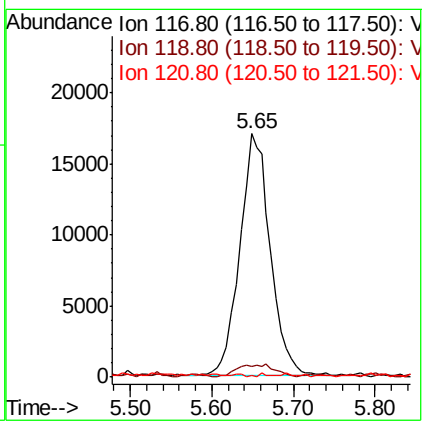


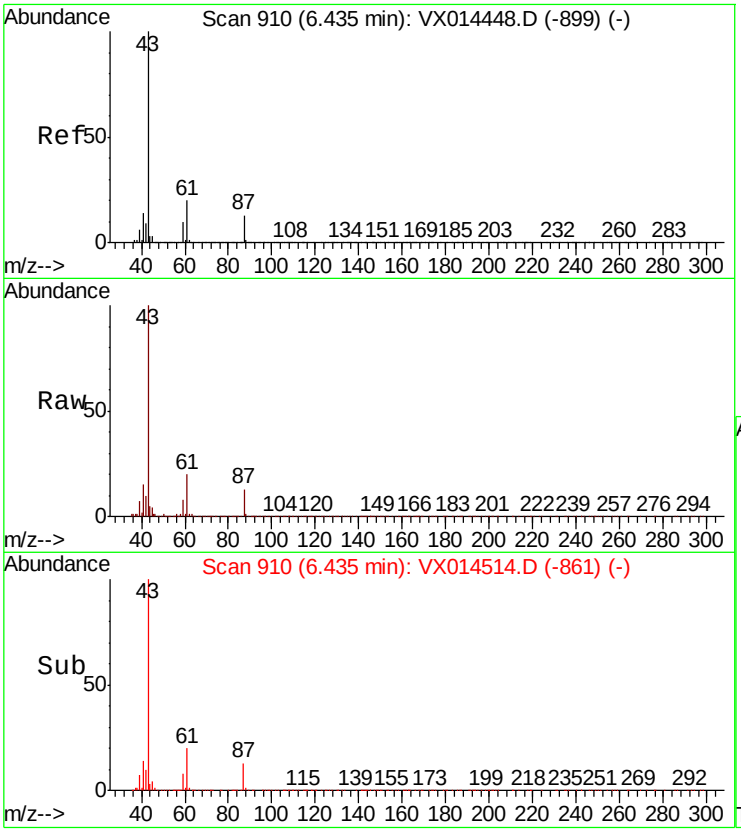


#38
Carbon Tetrachloride
Concen: 6.275 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion:117 Resp: 43942

Ion	Ratio	Lower	Upper
117	100		
119	3.9	73.8	110.8#
121	0.2	23.4	35.0#



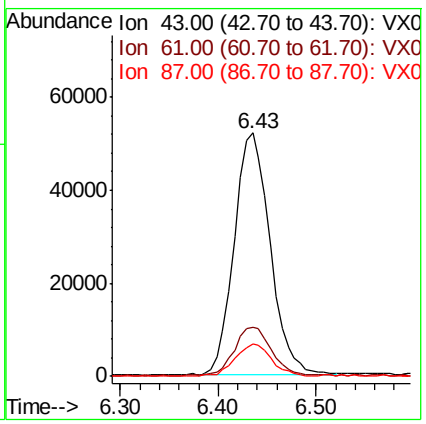


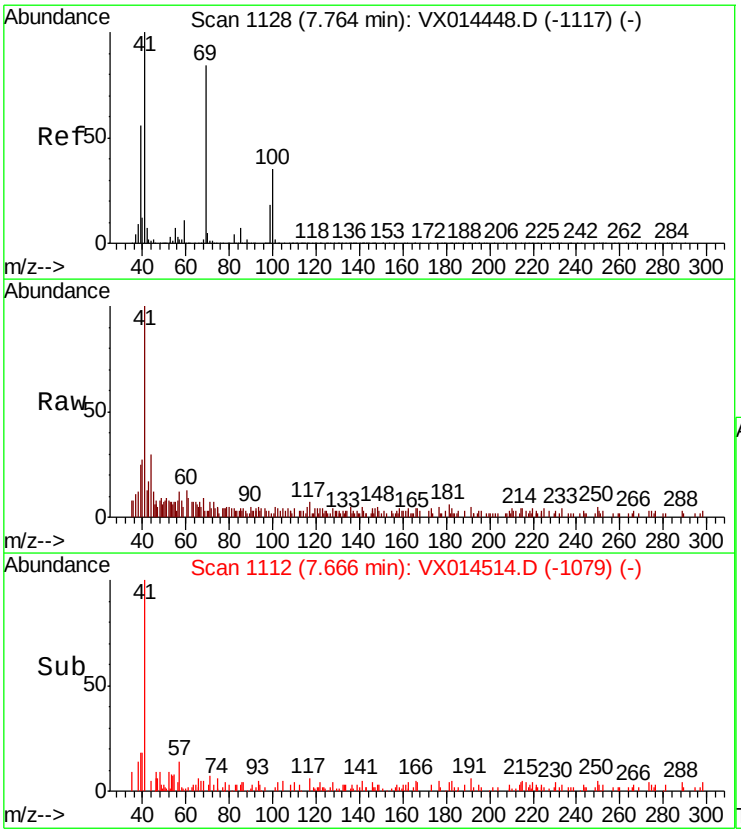
#43
Isopropyl Acetate
Concen: 9.960 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument : MSVOA_X
ClientSampleId : PB125963ZHE#07

Tgt Ion: 43 Resp: 132995

Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.6	24.8
87	13.2	10.8	16.2

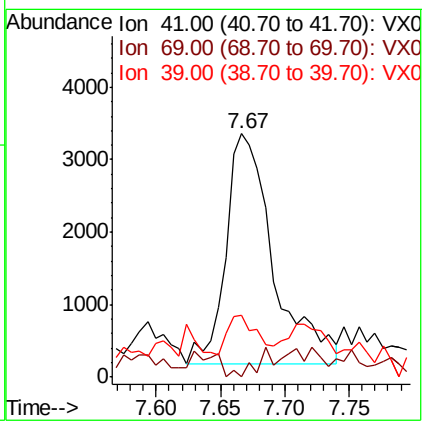


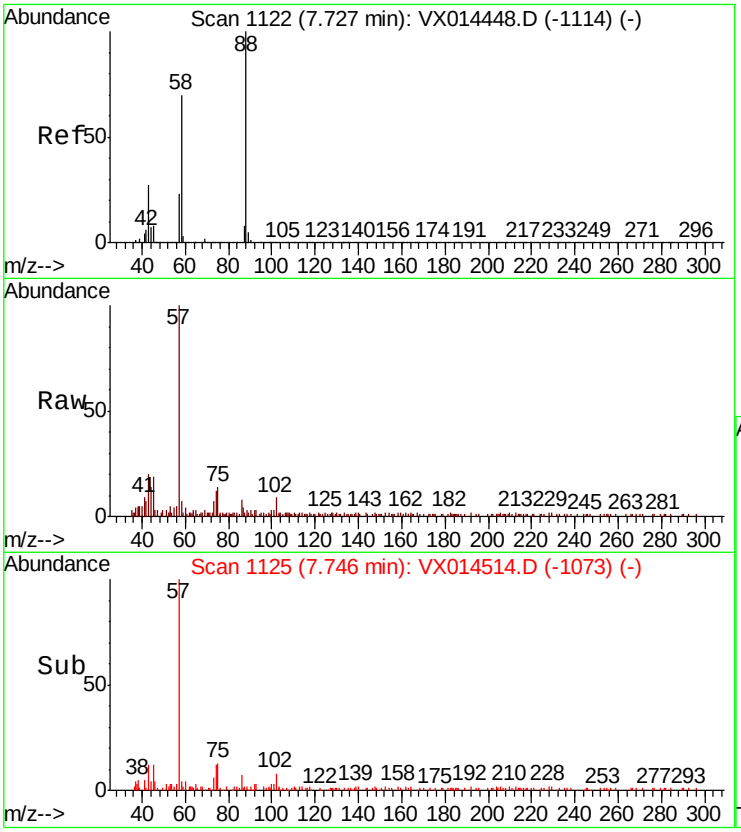


#48
Methyl methacrylate
Concen: 1.271 ug/l
RT: 7.67 min Scan# 1112
Delta R.T. -0.10 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion: 41 Resp: 8128

Ion	Ratio	Lower	Upper
41	100		
69	3.8	65.5	98.3#
39	0.0	43.9	65.9#



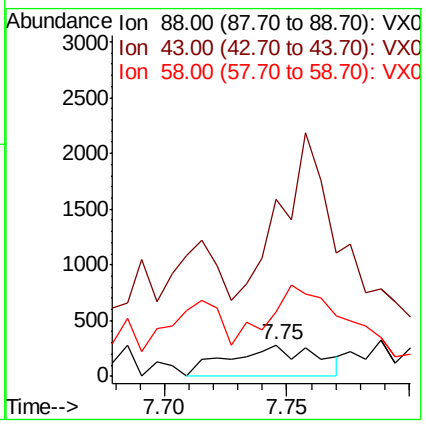


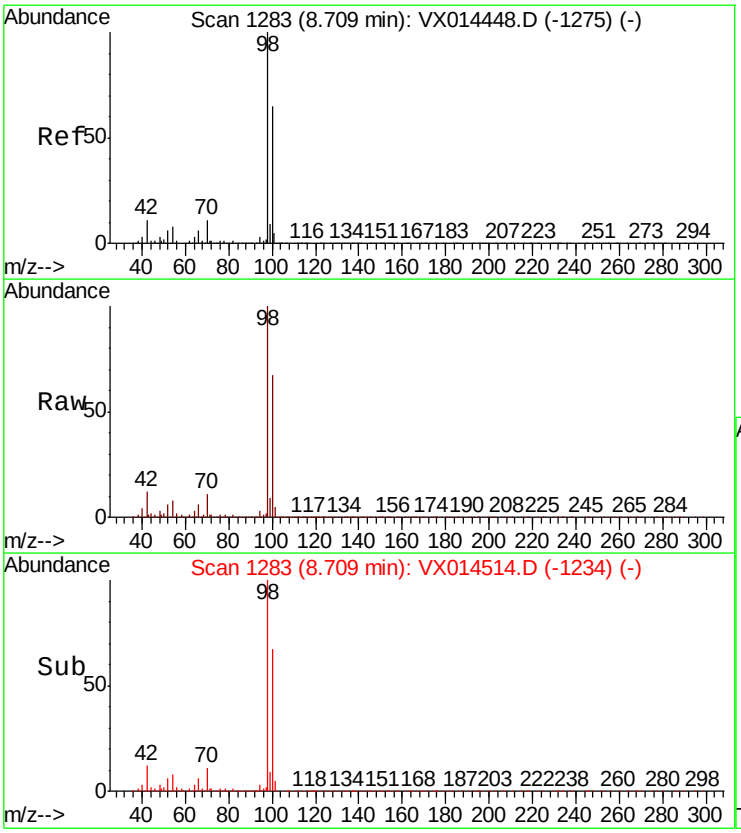
#49
1,4-Dioxane
Concen: 5.063 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.02 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
PB125963ZHE#07

Tgt Ion: 88 Resp: 686

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	245.8	57.1	85.7#

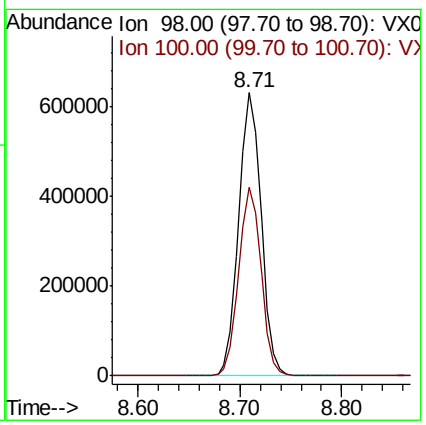


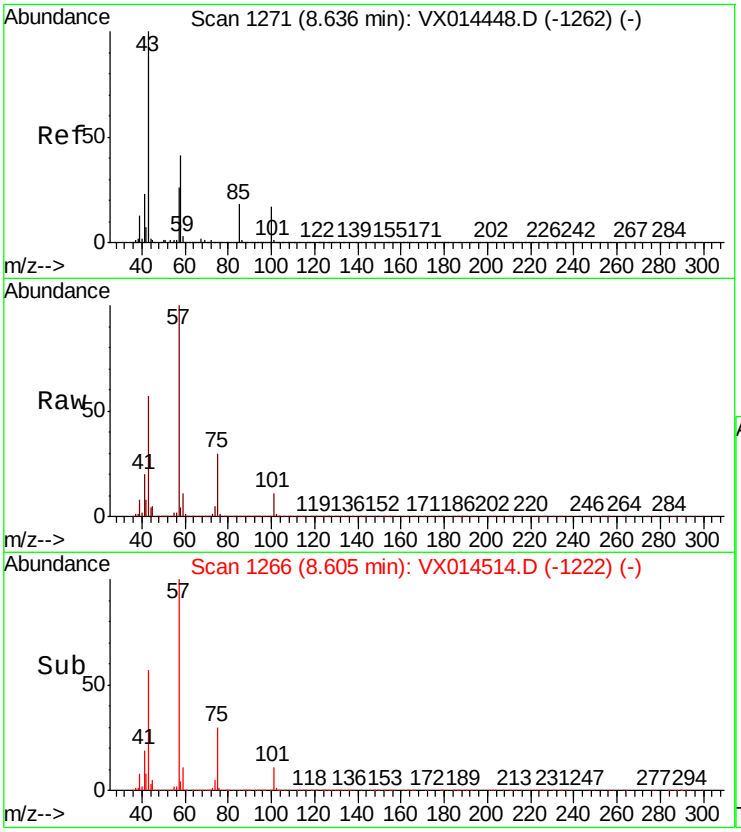


#50
Toluene-d8
Concen: 50.653 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion: 98 Resp: 962843

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8



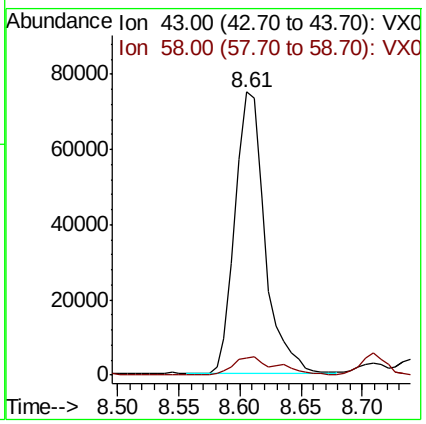


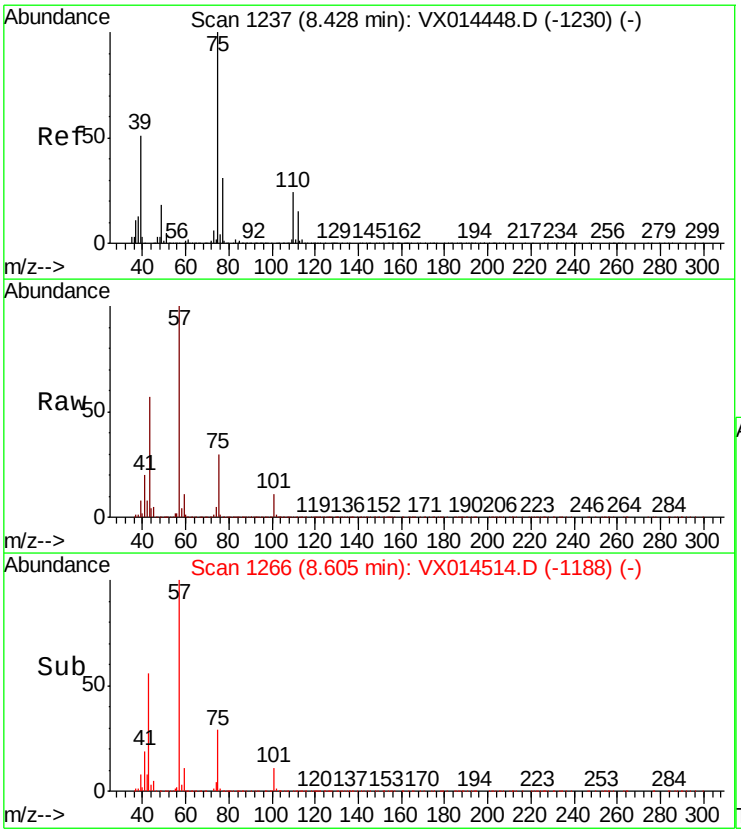
#51
4-Methyl-2-Pentanone
Concen: 15.652 ug/l
RT: 8.61 min Scan# 1266
Delta R.T. -0.03 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument : MSVOA_X
ClientSampleId : PB125963ZHE#07

Tgt Ion: 43 Resp: 127350

Ion	Ratio	Lower	Upper
43	100		
58	9.0	32.4	48.6#

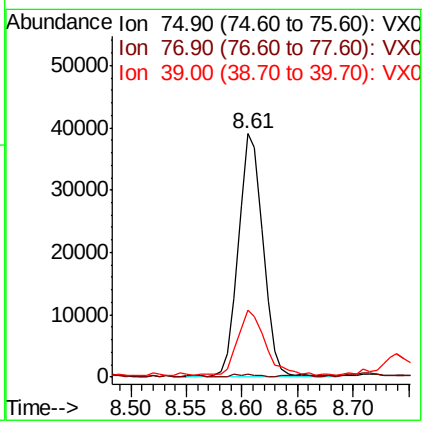


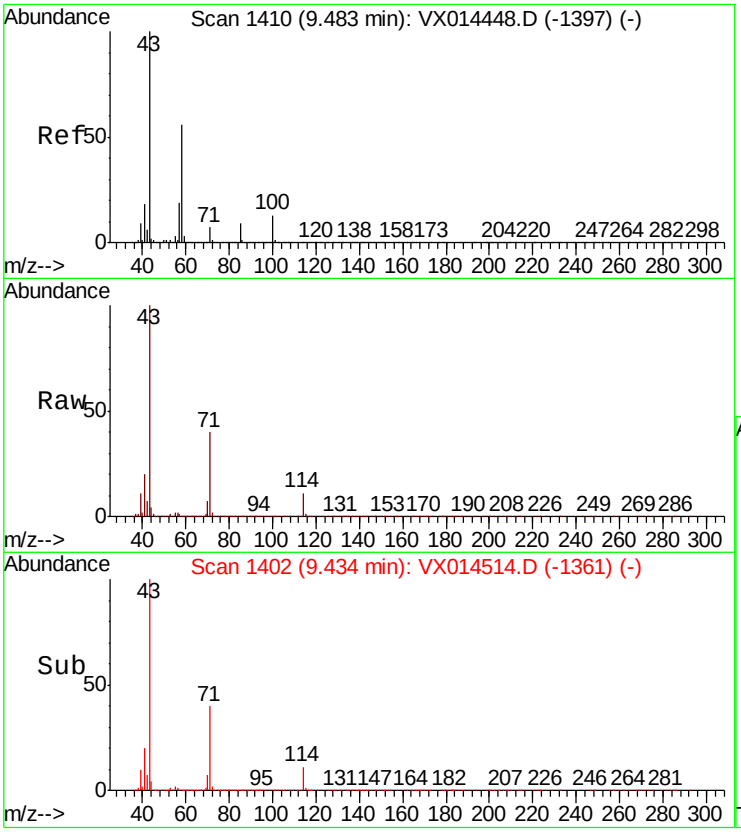


#54
cis-1,3-Dichloropropene
Concen: 6.494 ug/l
RT: 8.61 min Scan# 1266
Delta R.T. 0.18 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion: 75 Resp: 59728

Ion	Ratio	Lower	Upper
75	100		
77	1.1	25.0	37.4#
39	27.1	40.7	61.1#



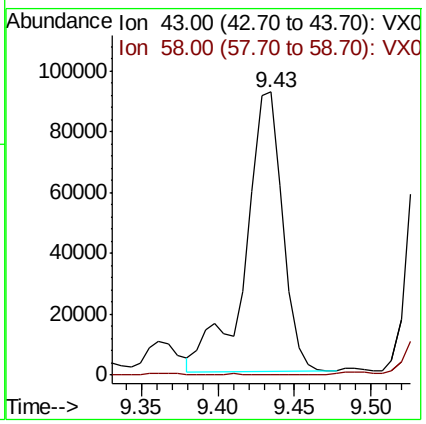


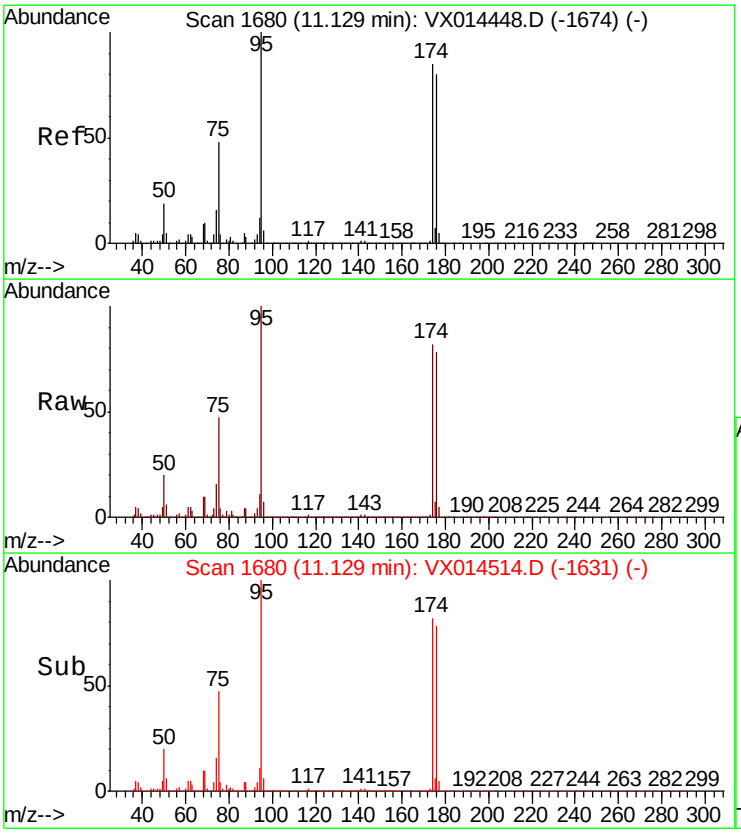
#59
2-Hexanone
Concen: 24.254 ug/l
RT: 9.43 min Scan# 1402
Delta R.T. -0.05 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument : MSVOA_X
ClientSampleId : PB125963ZHE#07

Tgt Ion: 43 Resp: 156147

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	83.7#

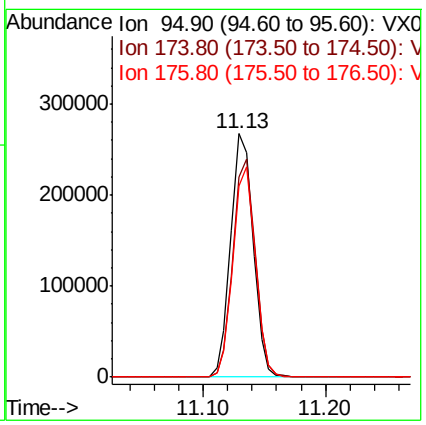


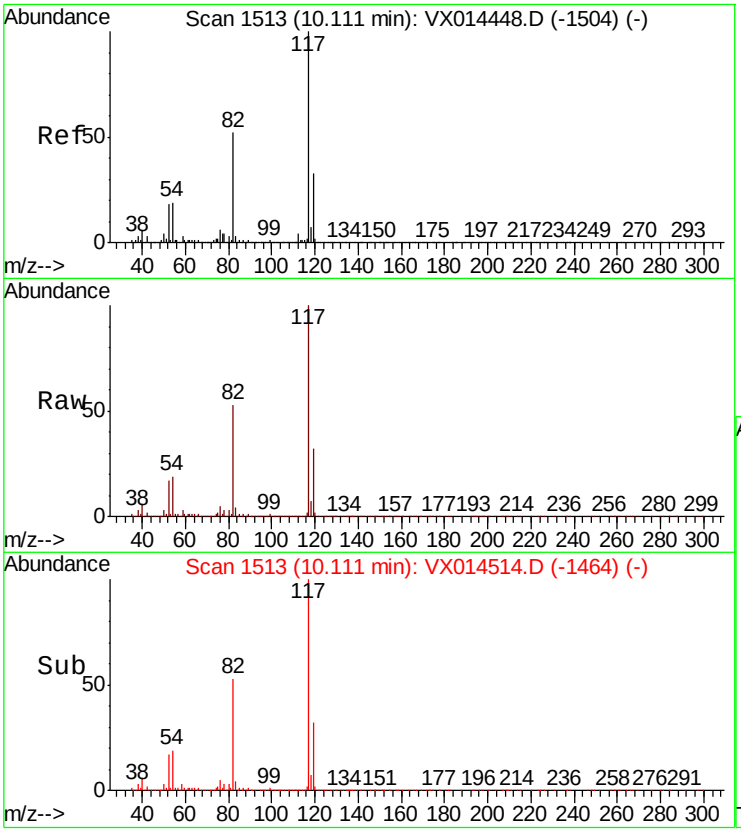


#62
4-Bromofluorobenzene
Concen: 48.561 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion: 95 Resp: 338875

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	180.8
176	86.0	0.0	172.8



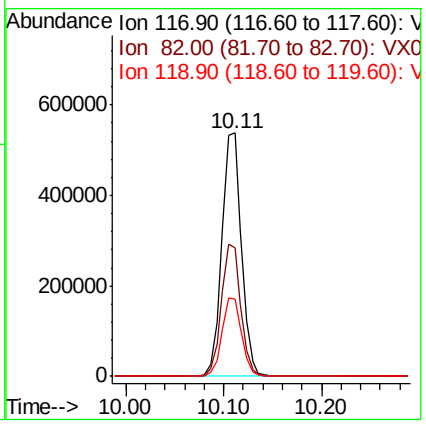


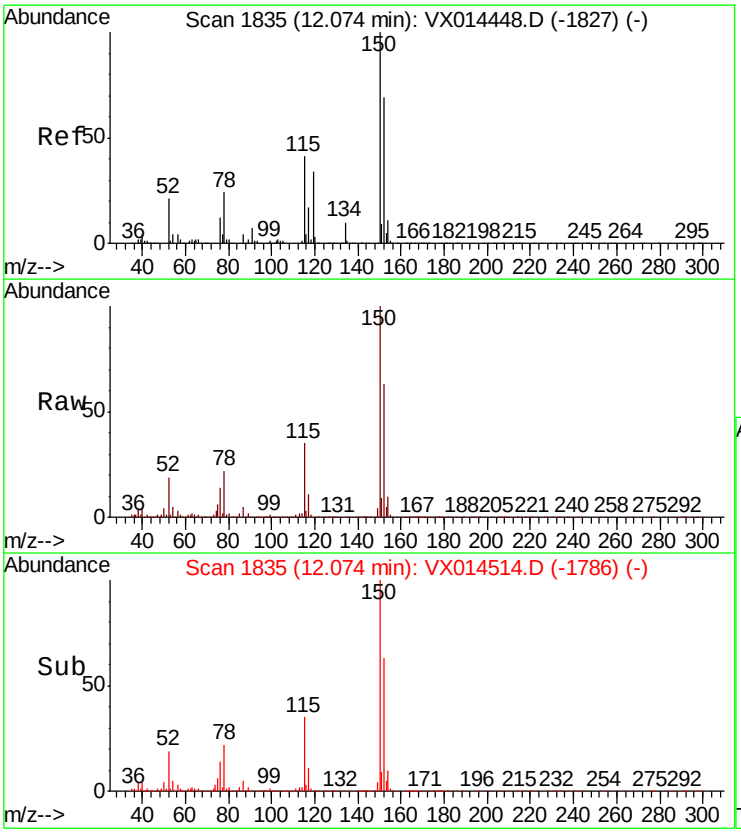
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument : MSVOA_X
ClientSampleId : PB125963ZHE#07

Tgt Ion:117 Resp: 745194

Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.6
119	31.6	26.2	39.4

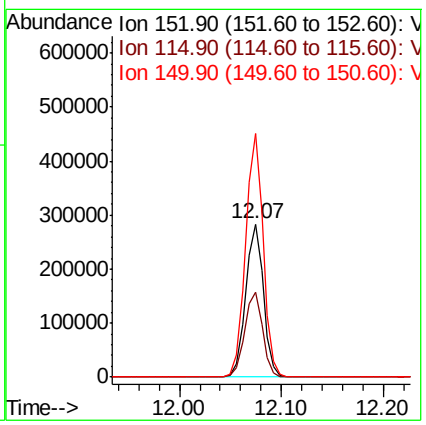


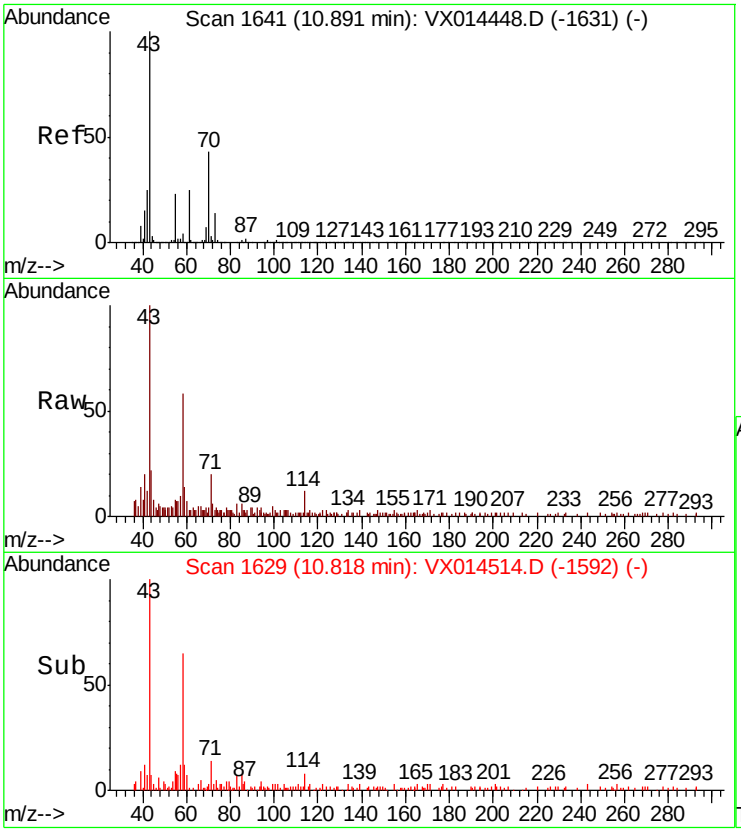


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion:152 Resp: 341765

Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.5	118.3
150	157.8	0.0	350.2



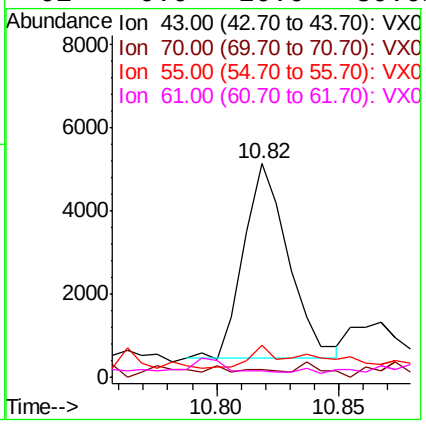


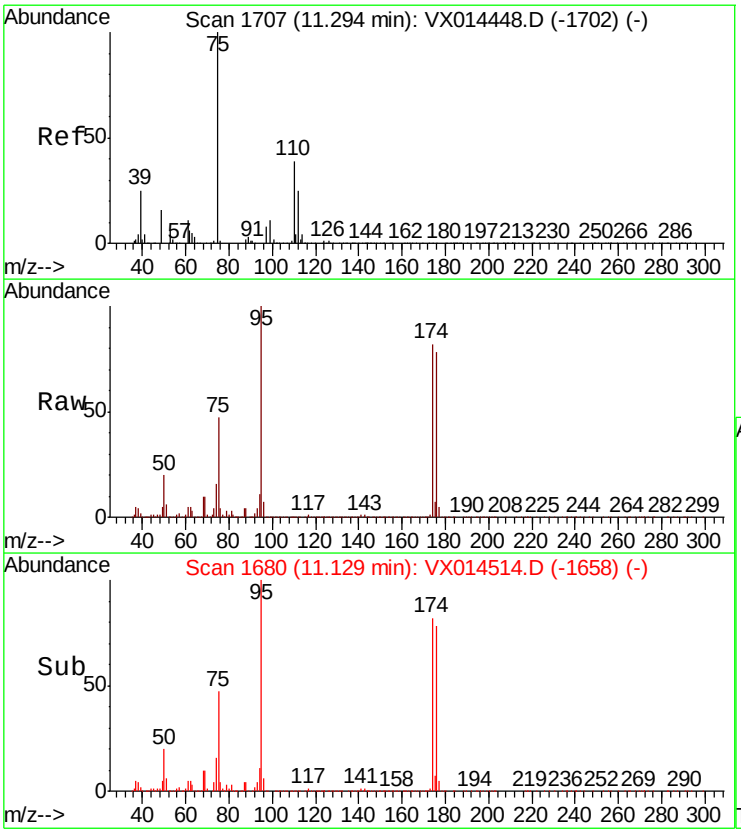
#74
N-amyl acetate
Concen: 0.555 ug/l
RT: 10.82 min Scan# 1629
Delta R.T. -0.07 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument : MSVOA_X
ClientSampleId : PB125963ZHE#07

Tgt Ion: 43 Resp: 5872

Ion	Ratio	Lower	Upper
43	100		
70	4.2	35.1	52.7#
55	8.1	19.3	28.9#
61	0.0	20.0	30.0#

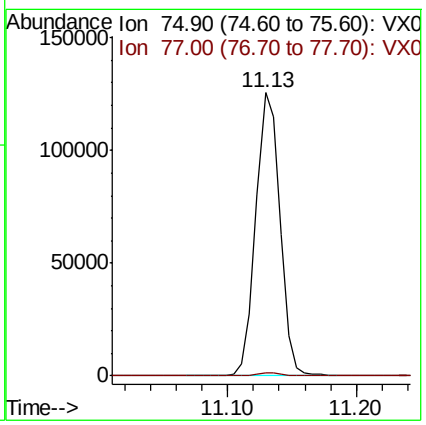


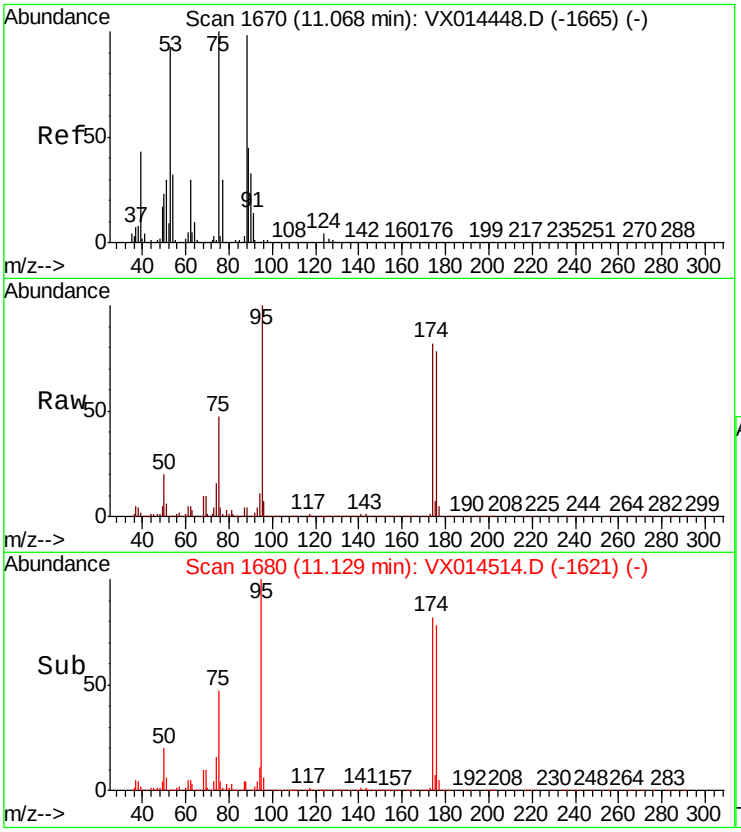


#76
1,2,3-Trichloropropane
Concen: 22.814 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion: 75 Resp: 161322

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.9	65.7#



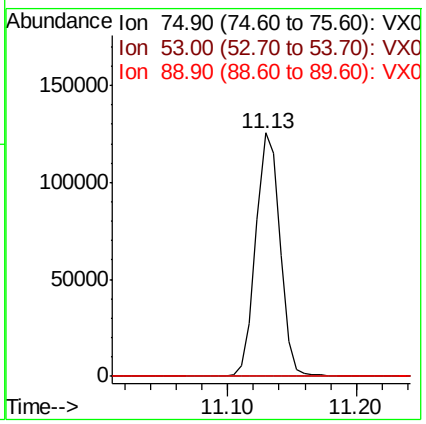


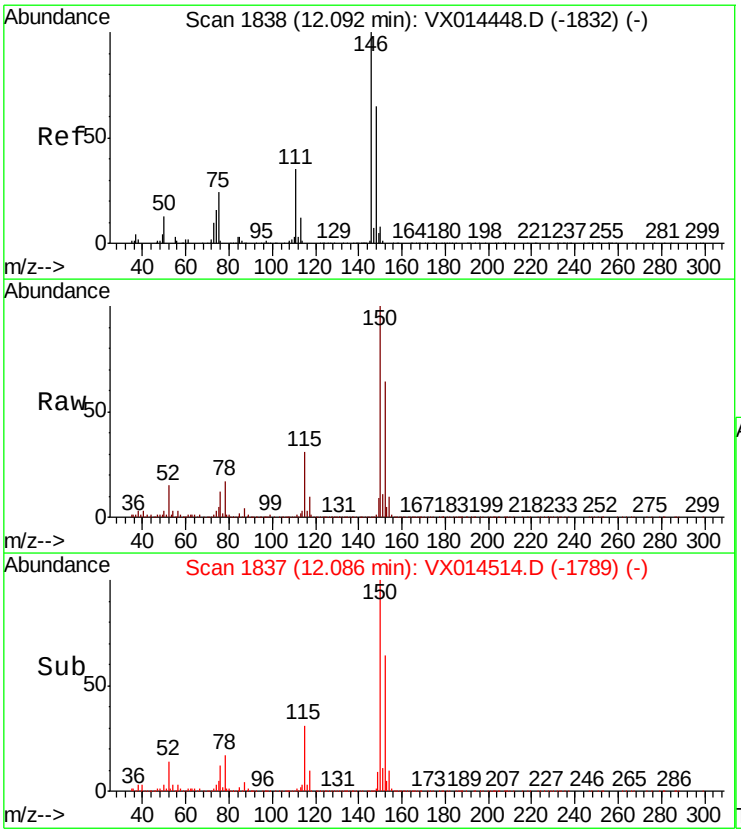
#81
trans-1,4-Dichloro-2-butene
Concen: 60.316 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
PB125963ZHE#07

Tgt Ion: 75 Resp: 161322

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.8	112.2#
89	0.2	36.3	54.5#

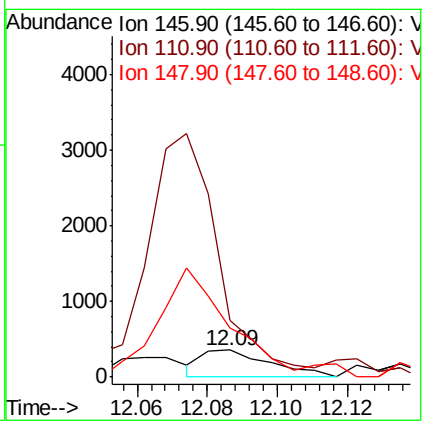


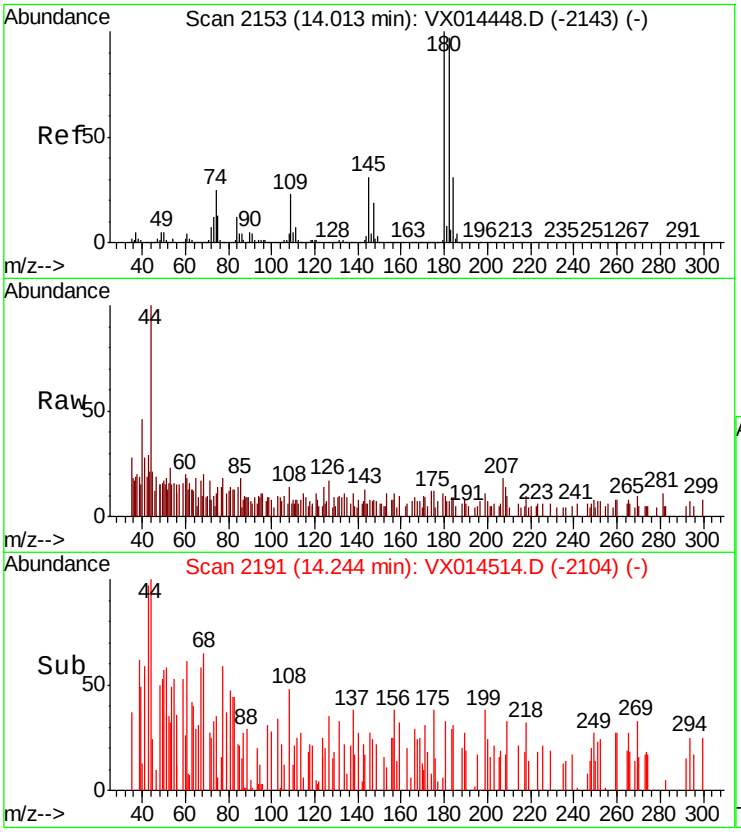


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.09 min Scan# 1837
Delta R.T. -0.01 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Tgt Ion:146 Resp: 487

Ion	Ratio	Lower	Upper
146	100		
111	953.4	18.1	54.1#
148	442.5	32.1	96.3#





#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 14.24 min Scan# 2191
Delta R.T. 0.23 min
Lab File: VX014514.D
Acq: 09 Jan 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
PB125963ZHE#07

Tgt Ion:180 Resp: 372

Ion	Ratio	Lower	Upper
180	100		
182	52.7	47.9	143.6
145	39.8	14.8	44.3