Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010820\
Data File : VX014480.D
Acq On : 08 Jan 2020 18:40
Operator : JC/SP
Sample : PB125936ZHE#04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 09 06:12:11 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	528991	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	820704	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.11	117	747847	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350790	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.05	65	293148	49.64 ug/l	0.00
Spiked Amount 50.000			Recovery = 99.28%		
35) Dibromofluoromethane	5.49	113	242503	48.81 ug/l	0.00
Spiked Amount 50.000			Recovery = 97.62%		
50) Toluene-d8	8.71	98	982338	50.95 ug/l	0.00
Spiked Amount 50.000			Recovery = 101.90%		
62) 4-Bromofluorobenzene	11.13	95	335363	47.38 ug/l	0.00
Spiked Amount 50.000			Recovery = 94.76%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.17	85	206	0.284 ug/l	82
6) Chloroethane	1.70	64	488	Below Cal #	43
8) Diethyl Ether	2.18	74	1697	0.436 ug/l	98
11) Tert butyl alcohol	3.03	59	1435	1.164 ug/l #	21
13) Acrolein	2.25	56	474	0.480 ug/l #	49
16) Acetone	2.44	43	20623	2.834 ug/l	95
18) Methyl Acetate	2.76	43	5863	0.691 ug/l #	85
20) Methylene Chloride	2.85	84	12938	2.178 ug/l	97
25) 2-Butanone	4.67	43	8917	2.021 ug/l #	89
36) 1,1-Dichloropropene	5.65	75	34826	4.512 ug/l #	52
38) Carbon Tetrachloride	5.65	117	45786	6.447 ug/l #	17
43) Isopropyl Acetate	6.43	43	138353	10.216 ug/l	99
48) Methyl methacrylate	7.67	41	7382	1.138 ug/l #	17
49) 1,4-Dioxane	7.71	88	161	1.171 ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	129320	15.670 ug/l #	49
54) cis-1,3-Dichloropropene	8.61	75	60913	6.530 ug/l #	56
59) 2-Hexanone	9.43	43	133509	20.446 ug/l #	23
76) 1,2,3-Trichloropropane	11.13	75	165809	22.845 ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	165809	60.399 ug/l #	12
88) 1,4-Dichlorobenzene	12.09	146	845	Below Cal #	1
93) 1,2,4-Trichlorobenzene	13.64	180	253	Below Cal #	40
96) 1,2,3-Trichlorobenzene	14.02	180	346	Below Cal	74

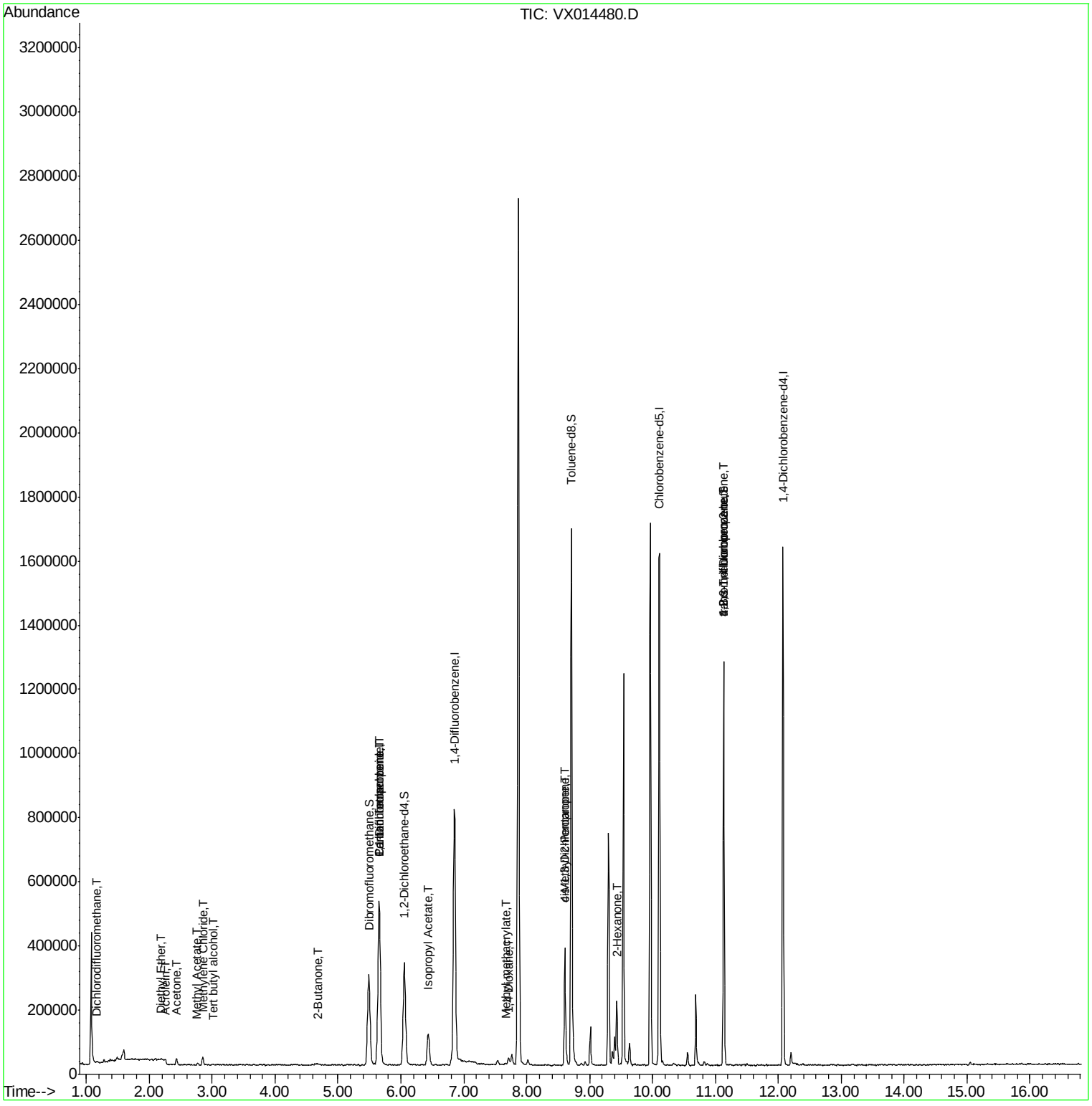
(#) = qualifier out of range (m) = manual integration (+) = signals summed

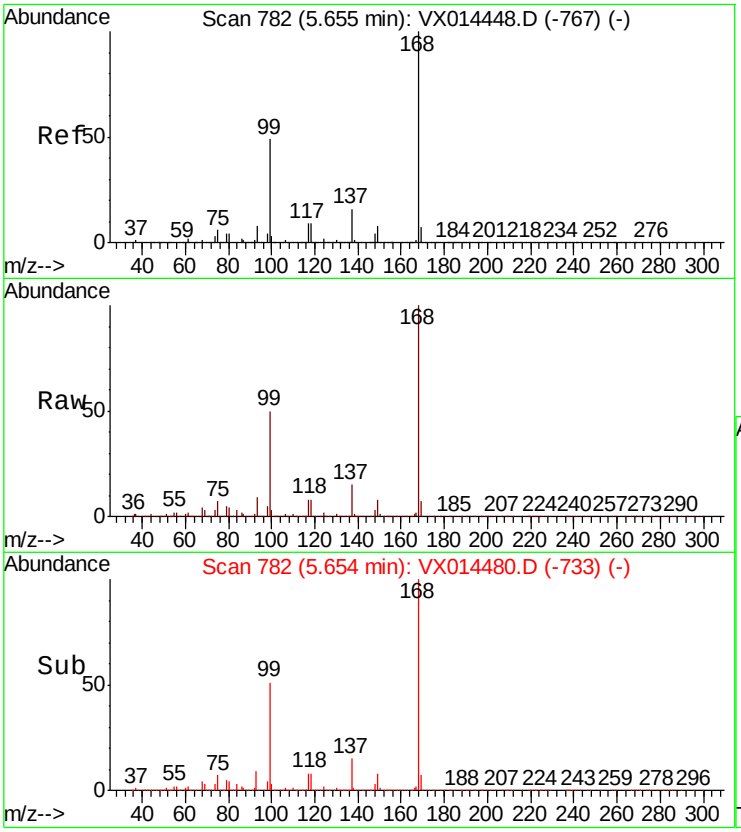
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
Data File : VX014480.D
Acq On : 08 Jan 2020 18:40
Operator : JC/SP
Sample : PB125936ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 09 06:12:11 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

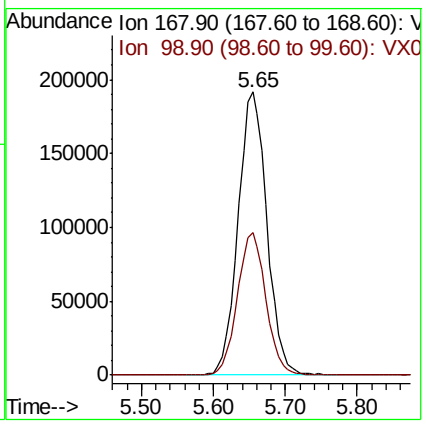




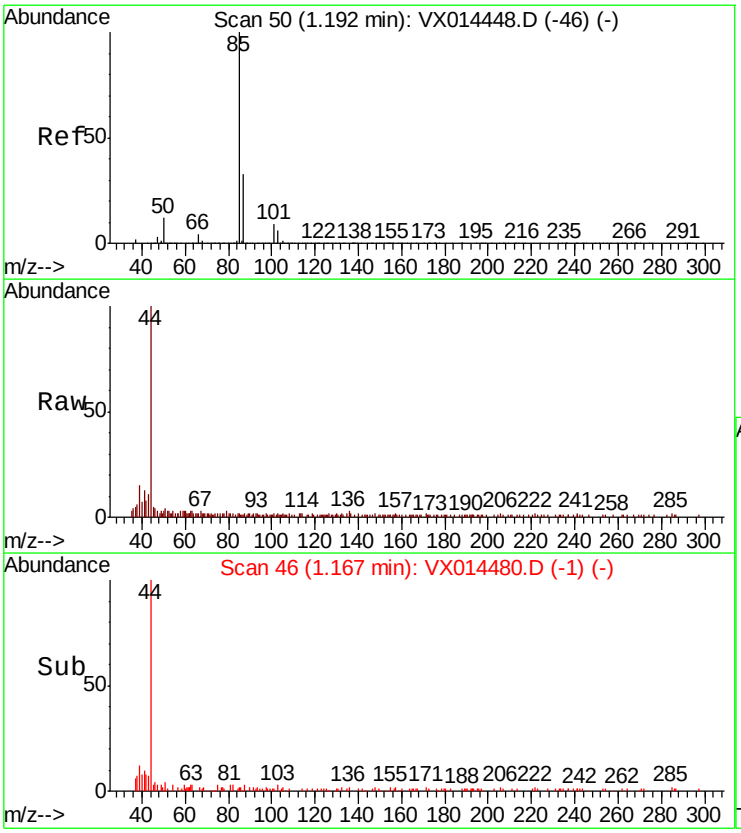
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion:168 Resp: 528991

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.2	58.8



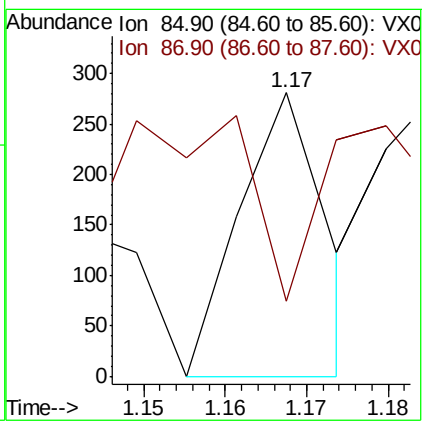
Instrument :
MSVOA_X
ClientSampleId :

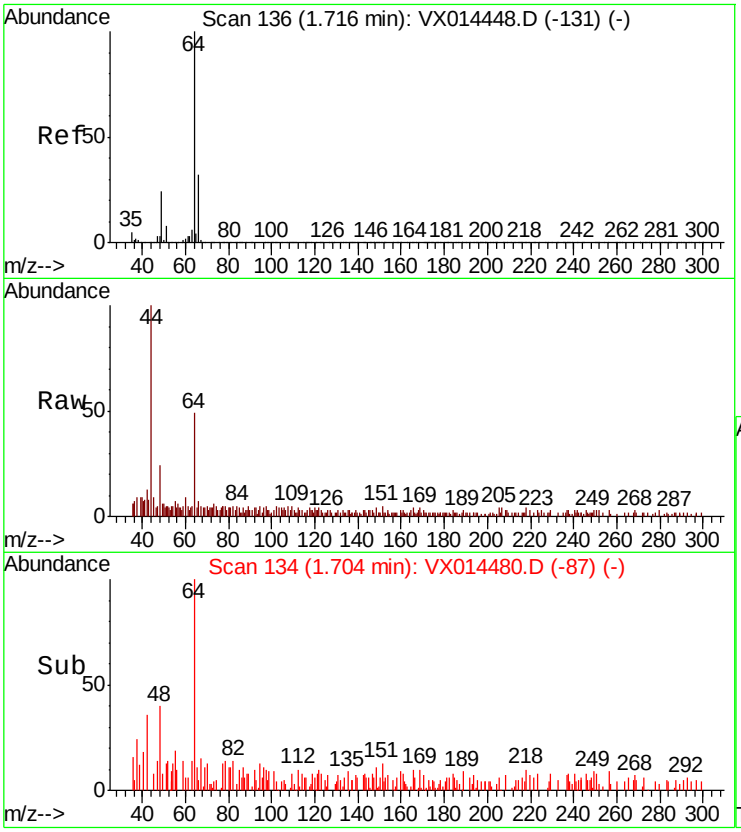


#2
Dichlorodifluoromethane
Concen: 0.284 ug/l
RT: 1.17 min Scan# 46
Delta R.T. -0.02 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion: 85 Resp: 206

Ion	Ratio	Lower	Upper
85	100		
87	22.8	16.5	49.5



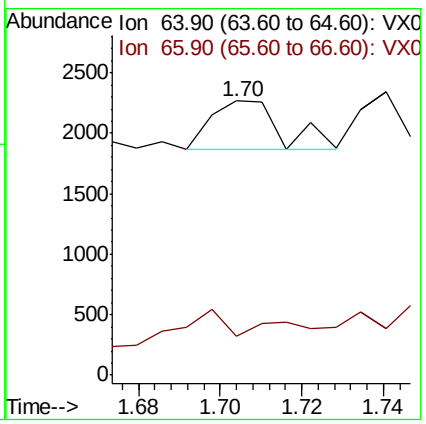


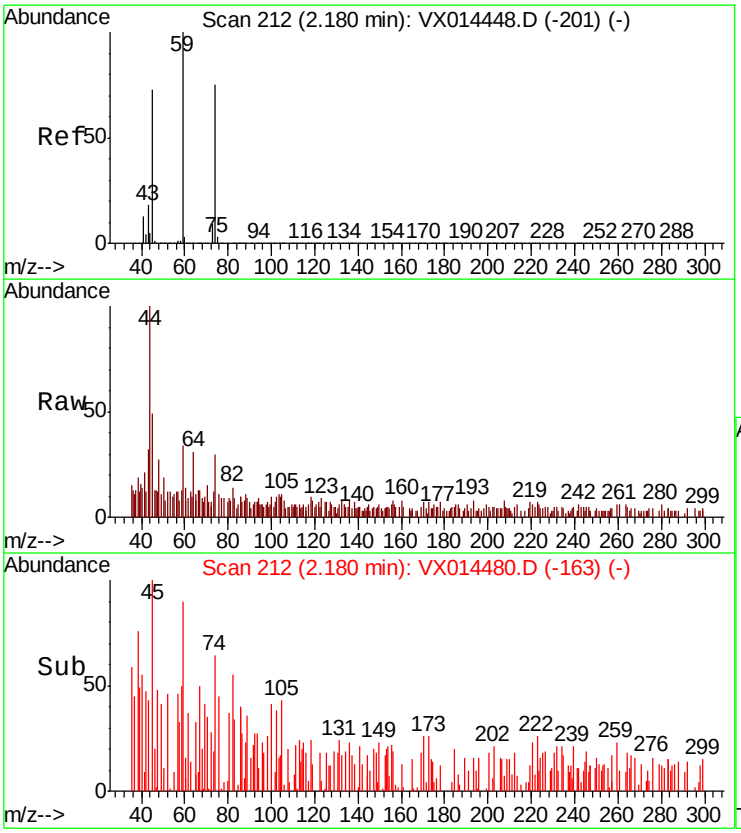
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 488

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#

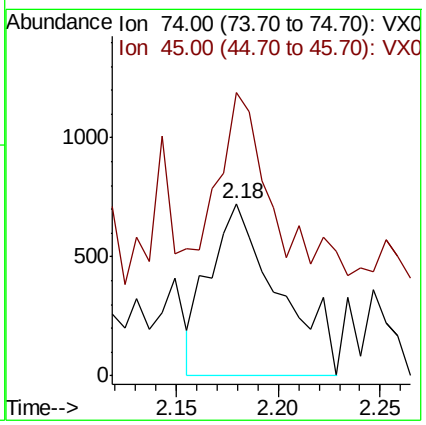


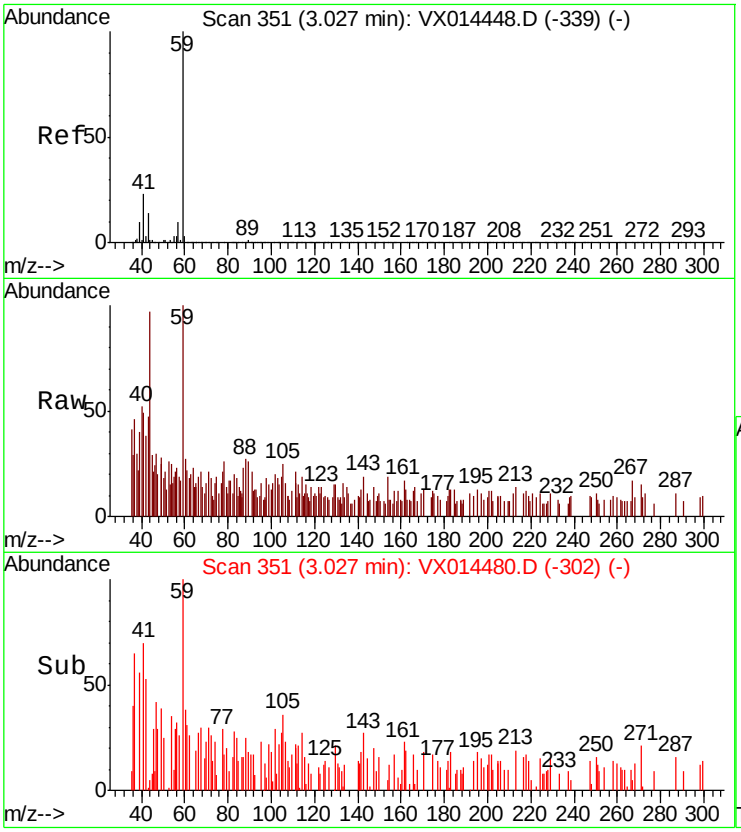


#8
Diethyl Ether
Concen: 0.436 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion: 74 Resp: 1697

Ion	Ratio	Lower	Upper
74	100		
45	99.0	48.7	146.1



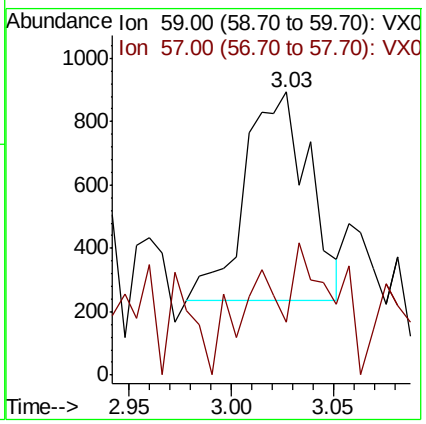


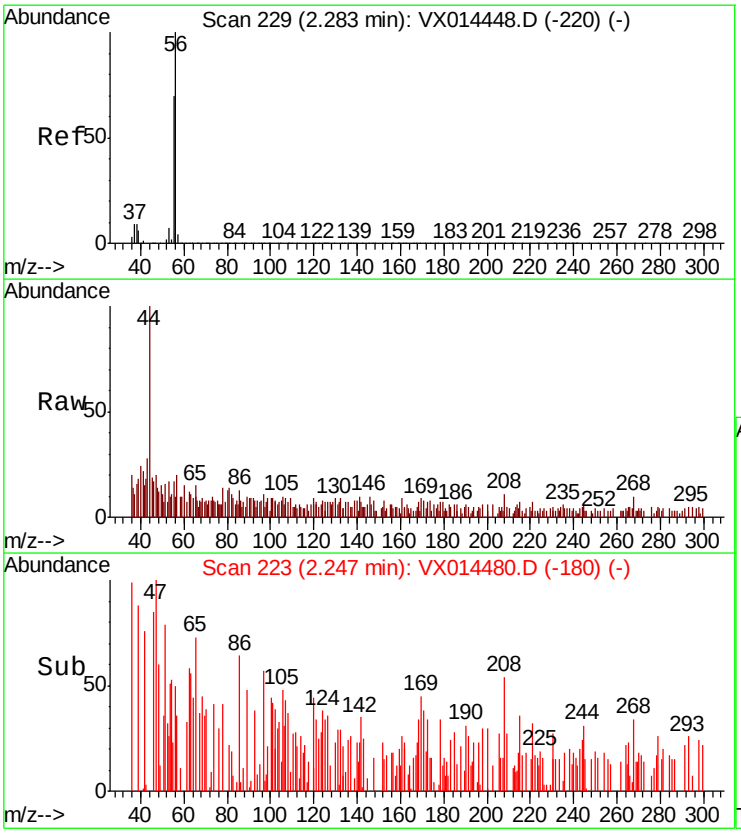
#11
Tert butyl alcohol
Concen: 1.164 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1435

Ion	Ratio	Lower	Upper
59	100		
57	40.3	8.5	12.7#

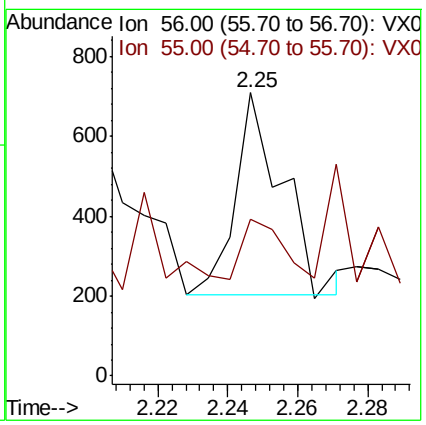


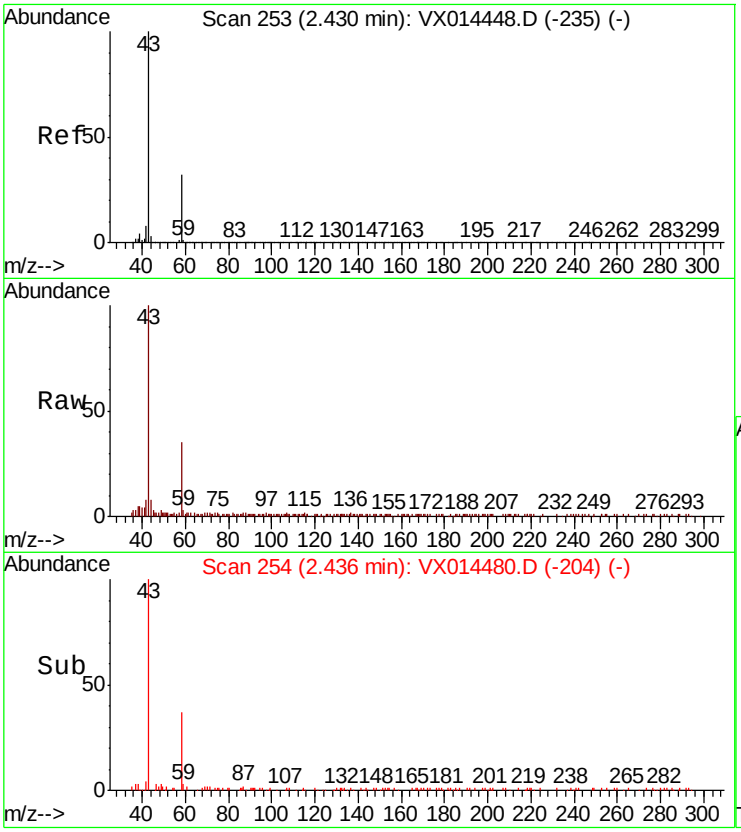


#13
Acrolein
Concen: 0.480 ug/l
RT: 2.25 min Scan# 223
Delta R.T. -0.04 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion: 56 Resp: 474

Ion	Ratio	Lower	Upper
56	100		
55	27.0	55.0	82.6#



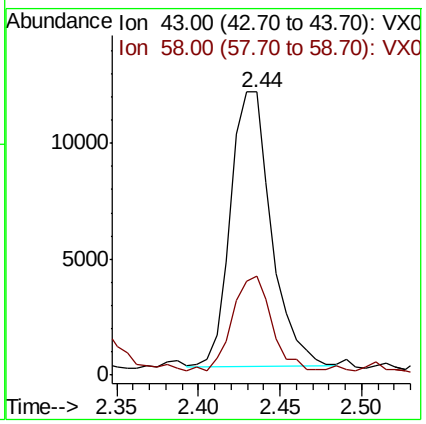


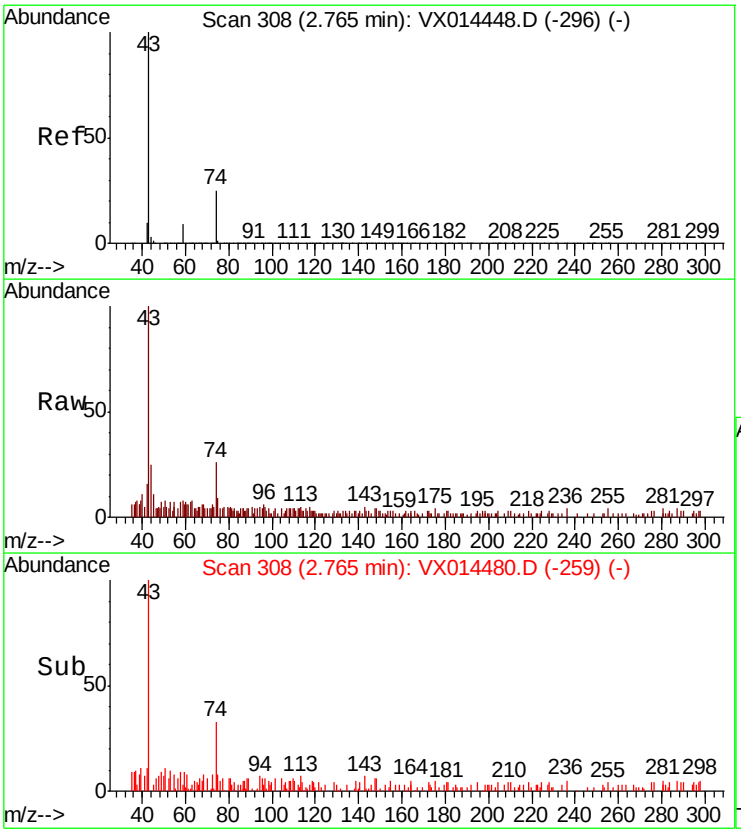
#16
Acetone
Concen: 2.834 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 20623

Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.4	38.0

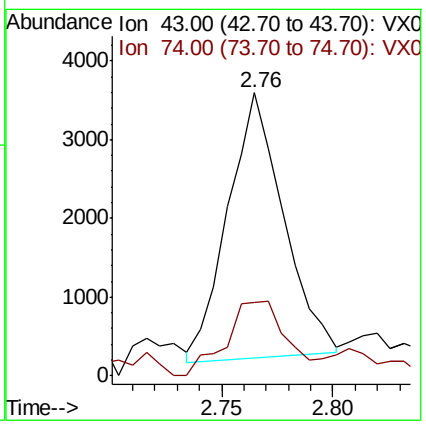


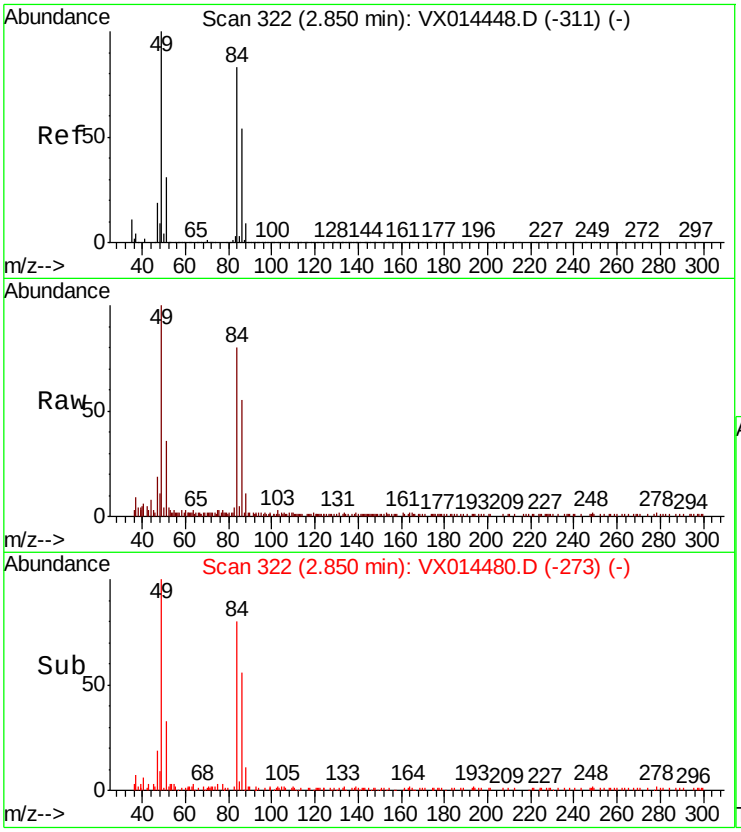


#18
Methyl Acetate
Concen: 0.691 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion: 43 Resp: 5863

Ion	Ratio	Lower	Upper
43	100		
74	31.5	19.4	29.2#



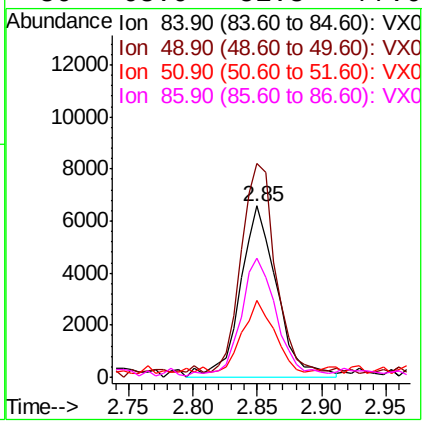


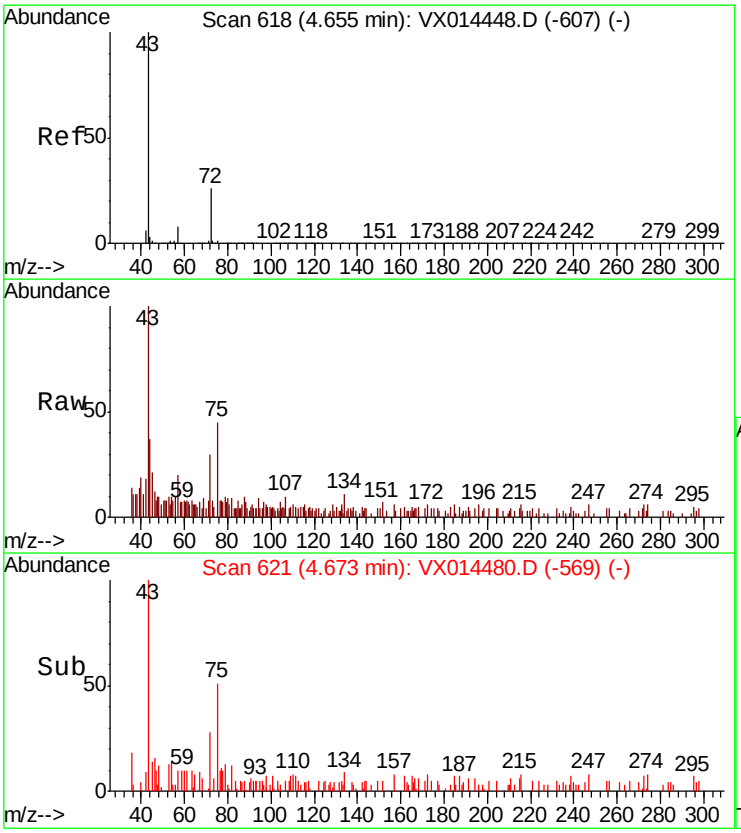
#20
Methylene Chloride
Concen: 2.178 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 12938

Ion	Ratio	Lower	Upper
84	100		
49	121.7	95.8	143.8
51	39.2	30.2	45.4
86	68.0	51.8	77.6

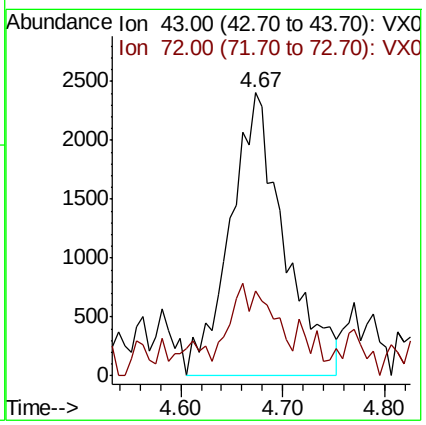


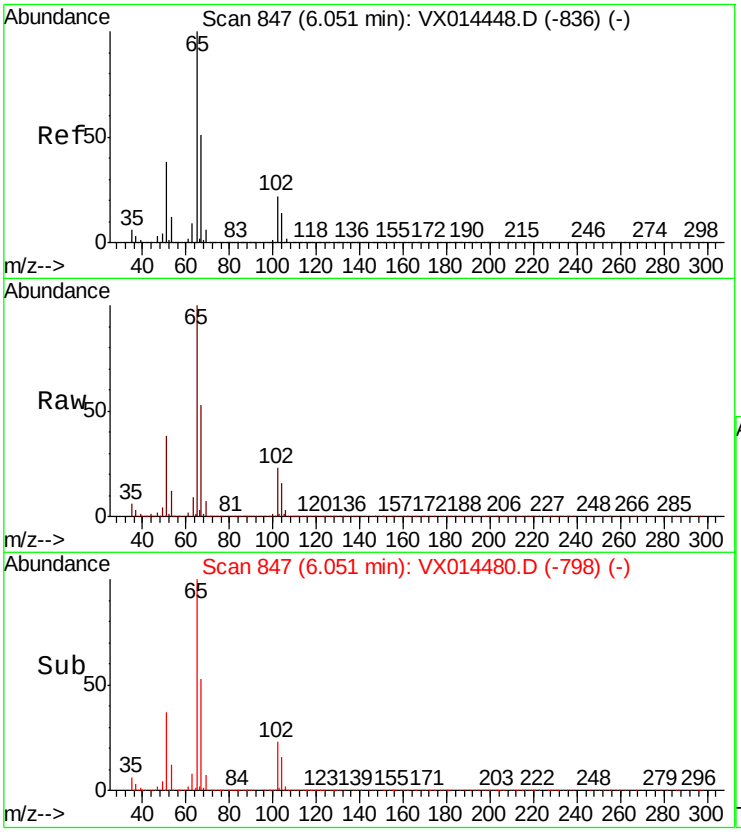


#25
2-Butanone
Concen: 2.021 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion: 43 Resp: 8917

Ion	Ratio	Lower	Upper
43	100		
72	20.3	20.6	31.0#



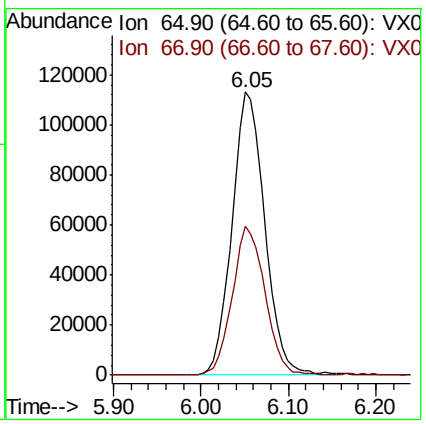


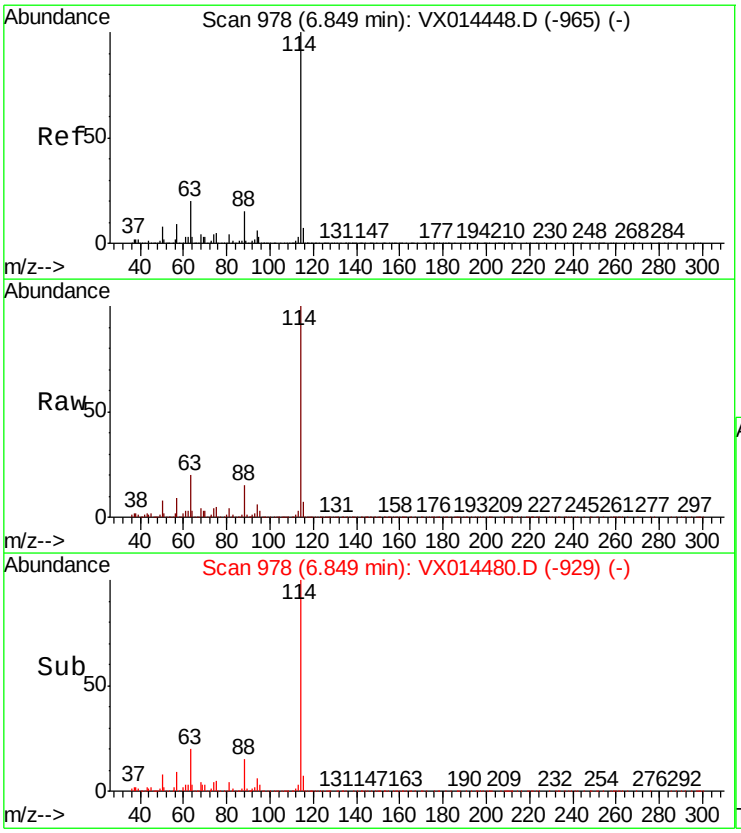
#33
1,2-Dichloroethane-d4
Concen: 49.641 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 293148

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2

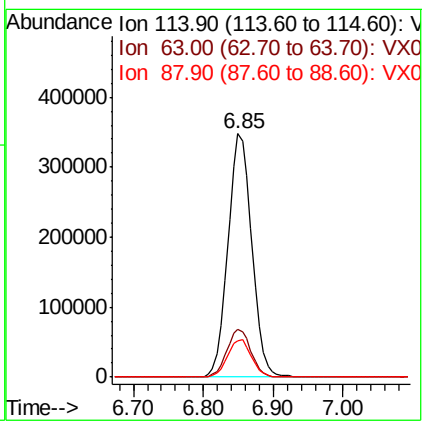


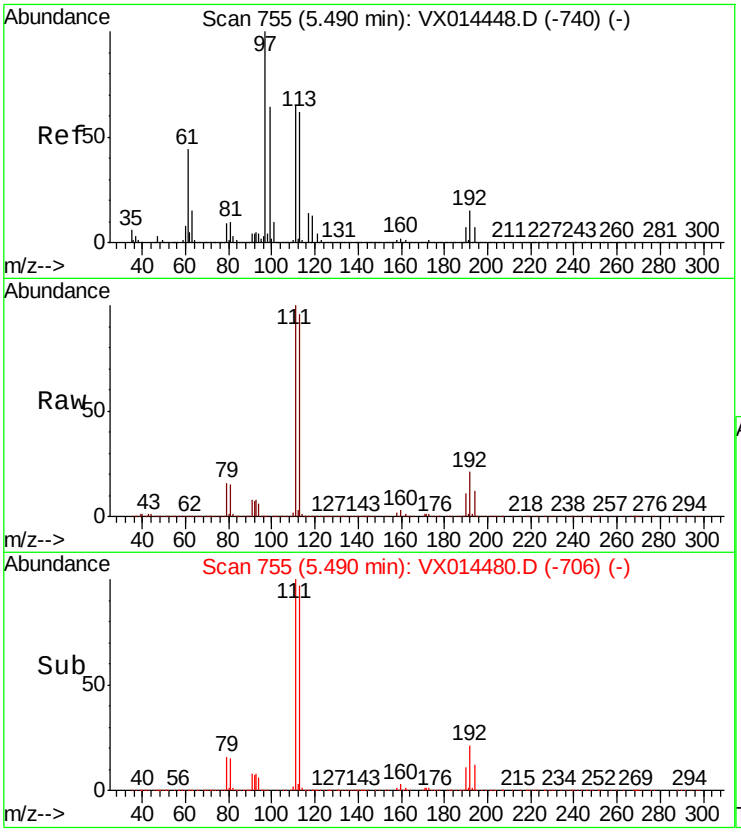


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion:114 Resp: 820704

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	14.9	0.0	30.8



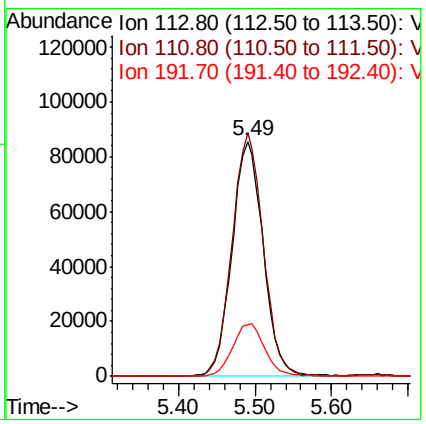


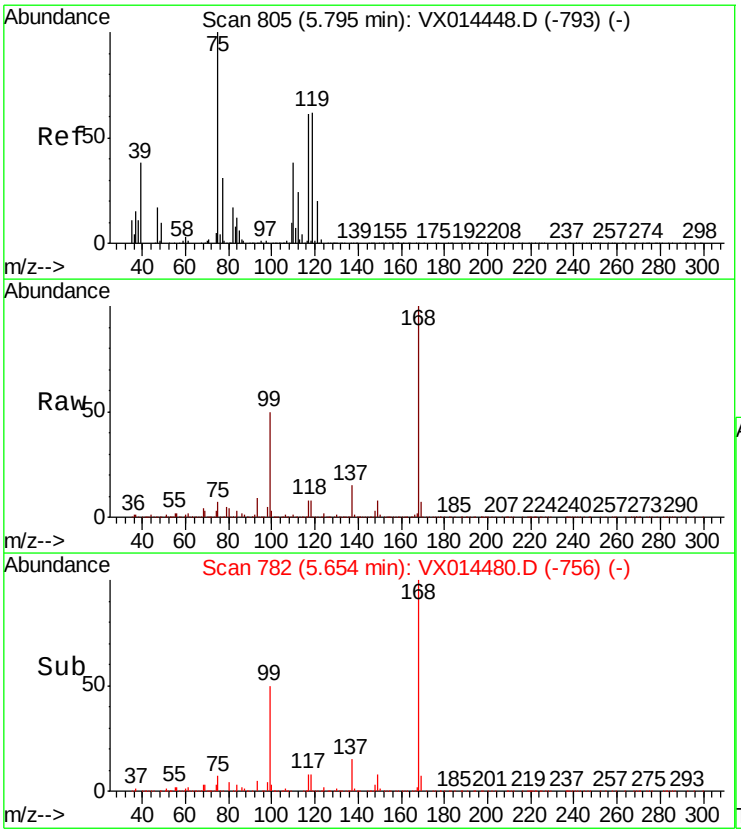
#35
Dibromofluoromethane
Concen: 48.812 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 242503

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.0	19.2	28.8

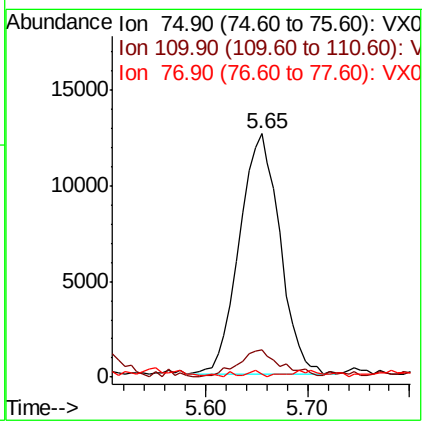


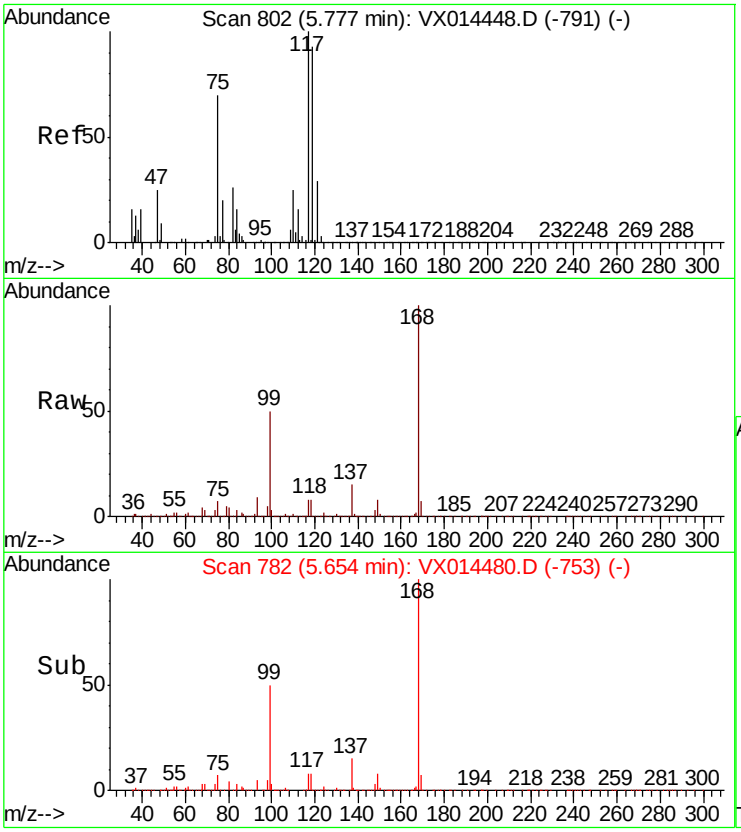


#36
1,1-Dichloropropene
Concen: 4.512 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.14 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion: 75 Resp: 34826

Ion	Ratio	Lower	Upper
75	100		
110	12.2	18.6	55.8#
77	0.8	24.5	36.7#



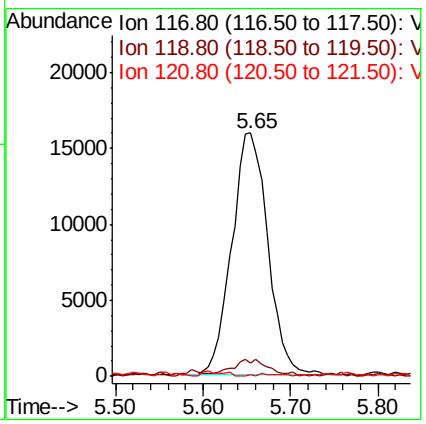


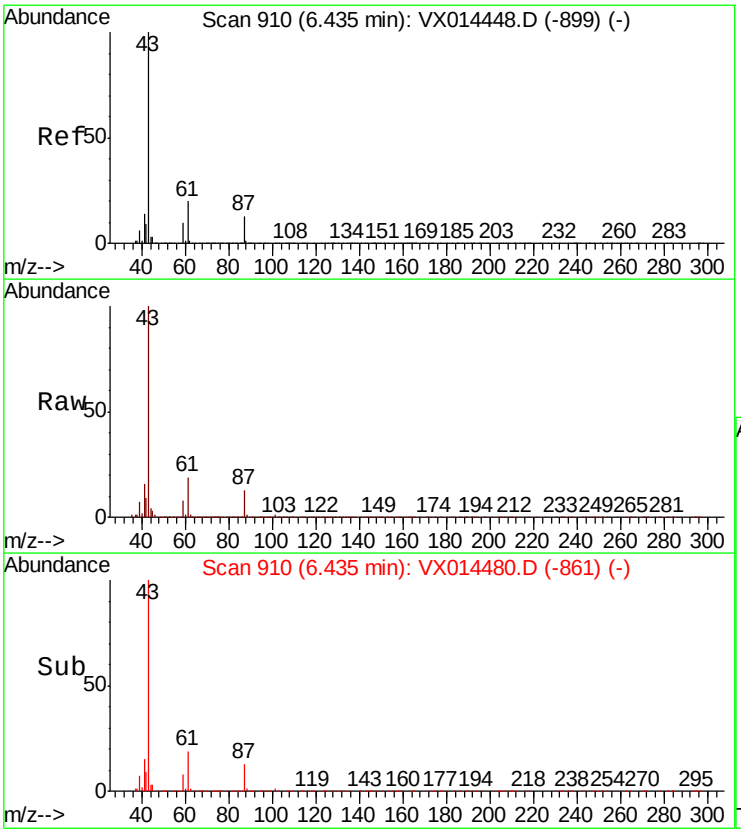
#38
Carbon Tetrachloride
Concen: 6.447 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 45786

Ion	Ratio	Lower	Upper
117	100		
119	4.5	73.8	110.8#
121	0.3	23.4	35.0#

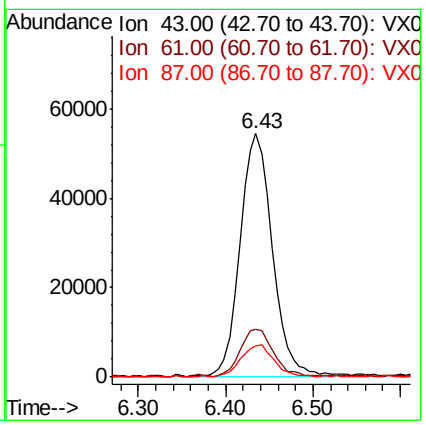


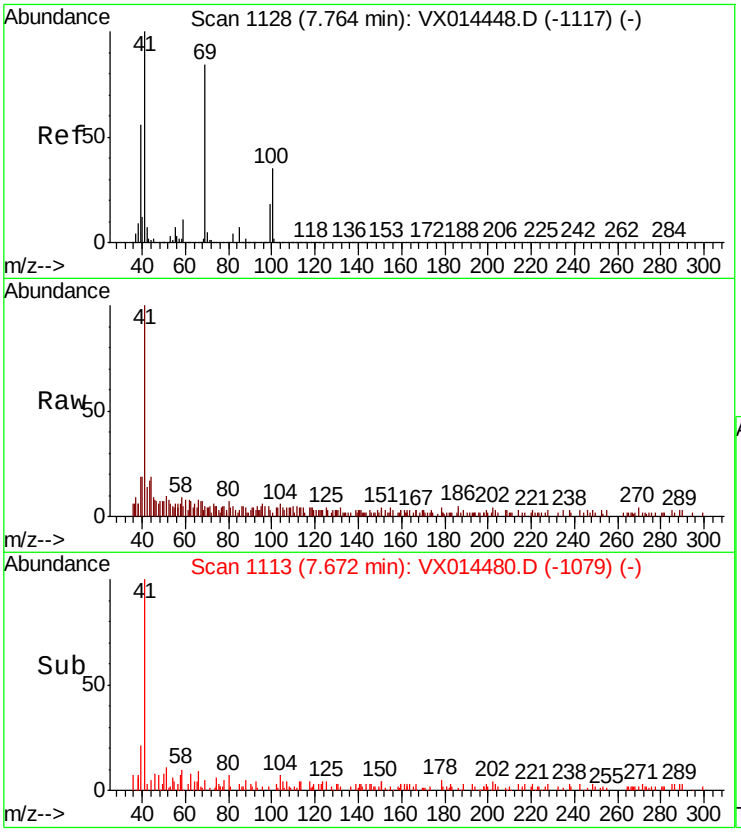


#43
Isopropyl Acetate
Concen: 10.216 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion: 43 Resp: 138353

Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.6	24.8
87	13.5	10.8	16.2



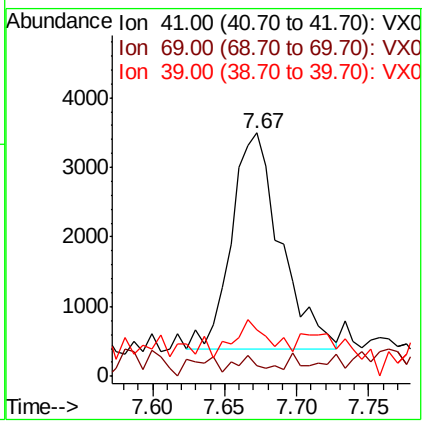


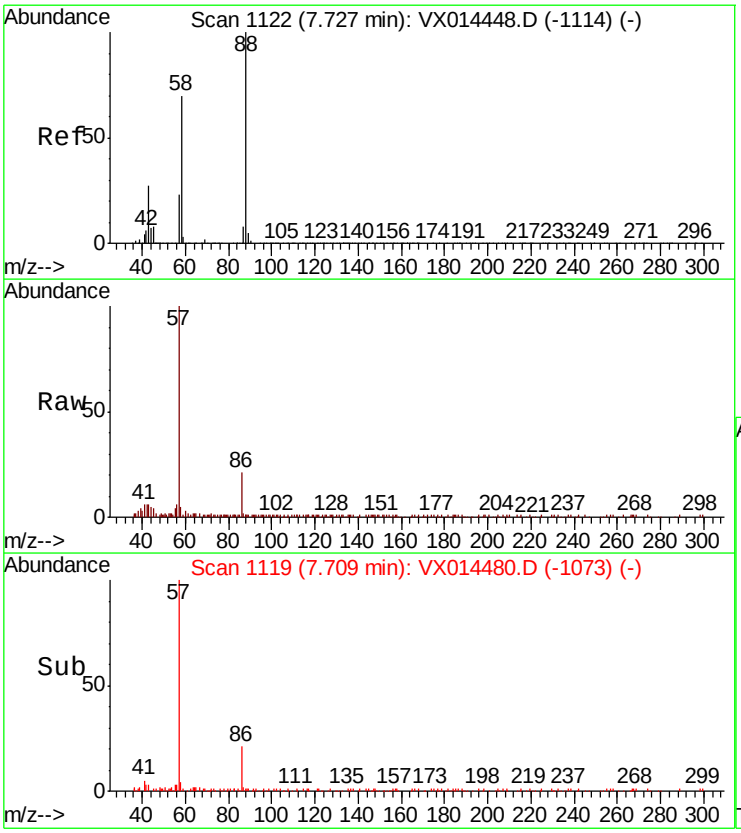
#48
Methyl methacrylate
Concen: 1.138 ug/l
RT: 7.67 min Scan# 1113
Delta R.T. -0.09 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 7382

Ion	Ratio	Lower	Upper
41	100		
69	3.1	65.5	98.3#
39	0.0	43.9	65.9#

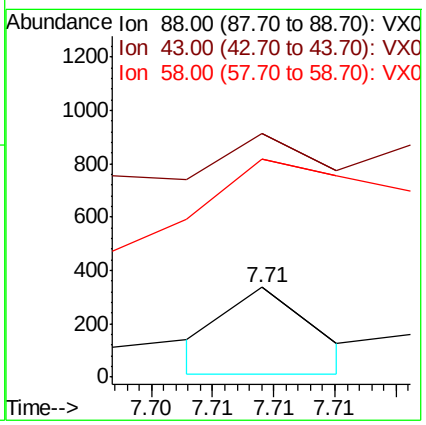


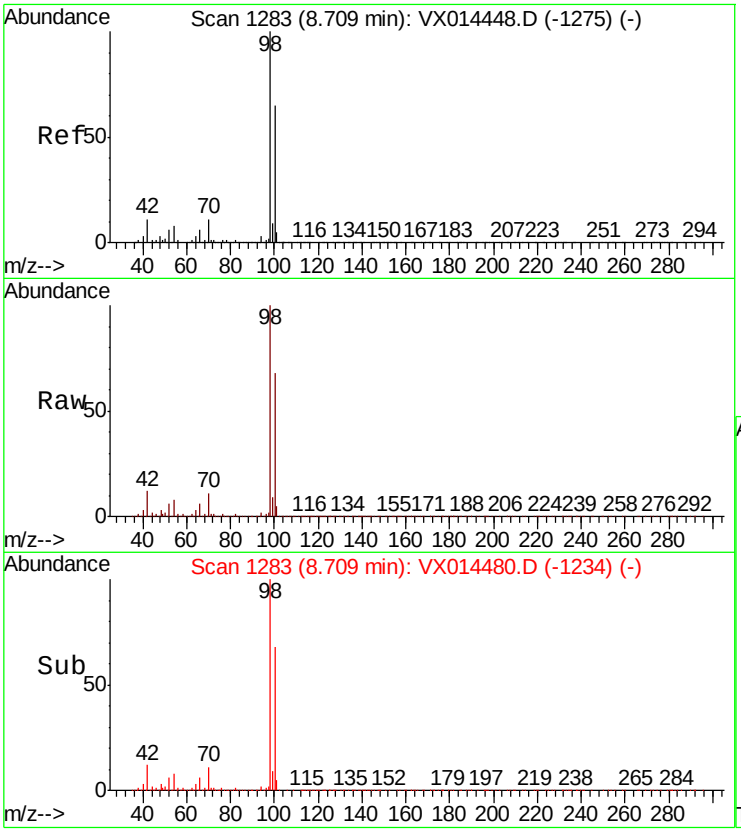


#49
1,4-Dioxane
Concen: 1.171 ug/l
RT: 7.71 min Scan# 1119
Delta R.T. -0.02 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion: 88 Resp: 161

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	1087.0	57.1	85.7#



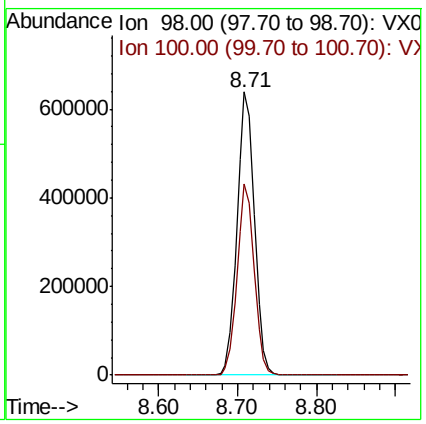


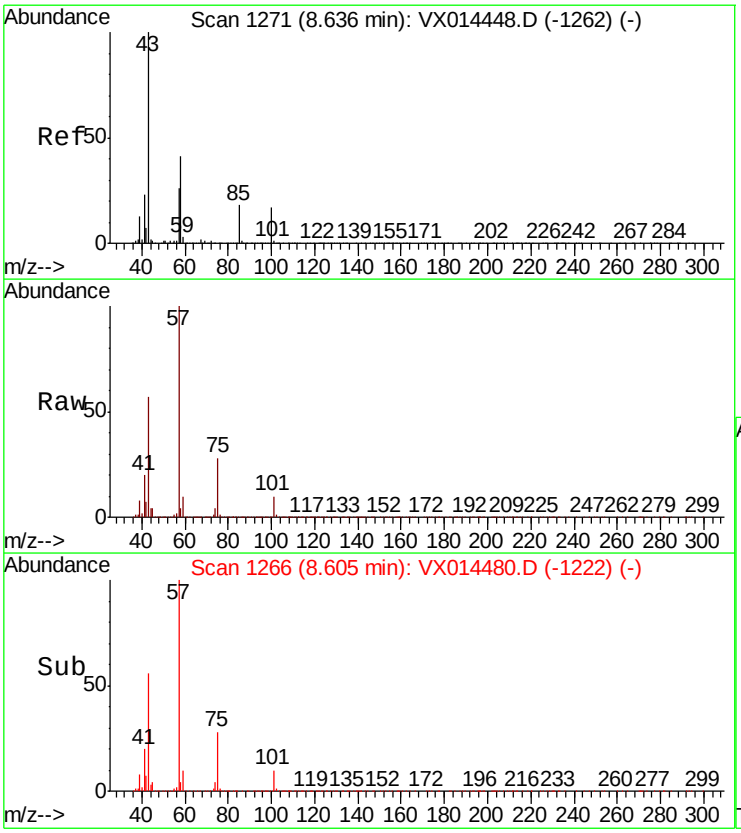
#50
Toluene-d8
Concen: 50.953 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 982338

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.2	79.8

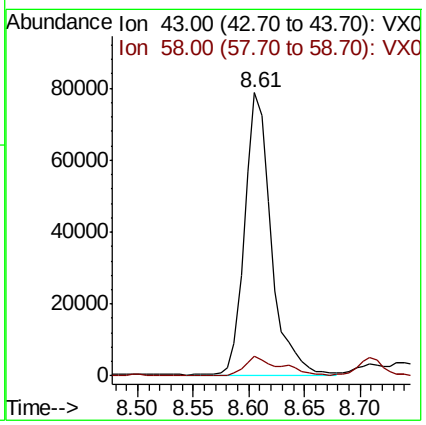


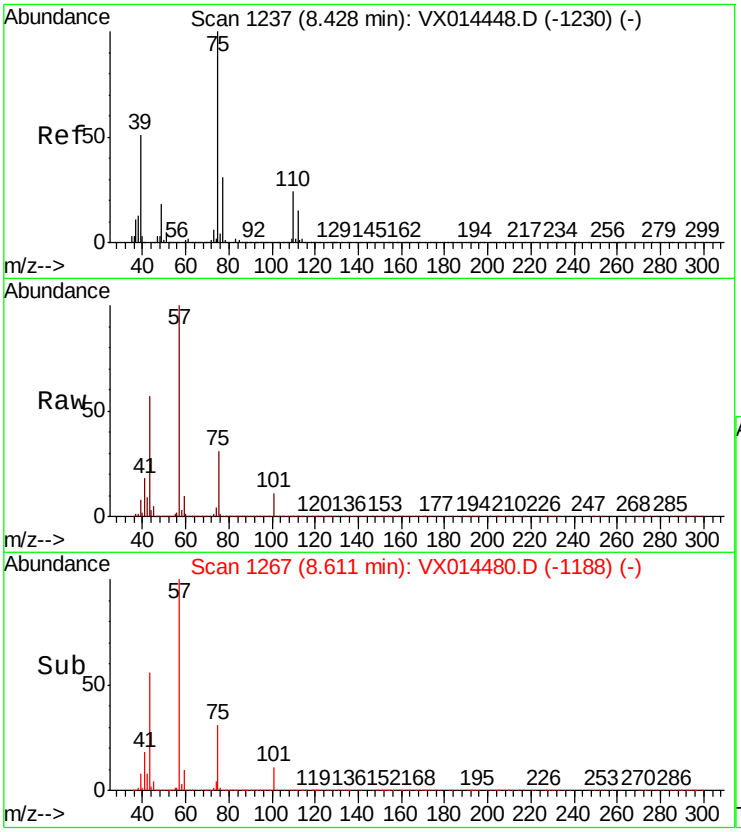


#51
4-Methyl-2-Pentanone
Concen: 15.670 ug/l
RT: 8.61 min Scan# 1266
Delta R.T. -0.03 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion: 43 Resp: 129320

Ion	Ratio	Lower	Upper
43	100		
58	9.0	32.4	48.6#



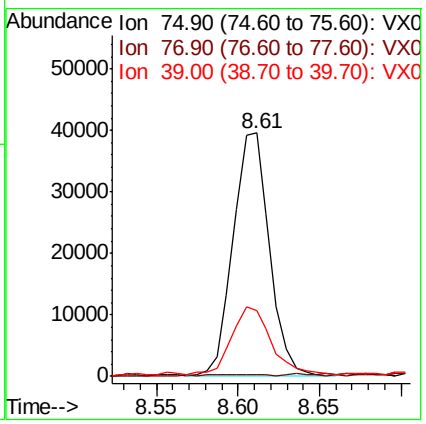


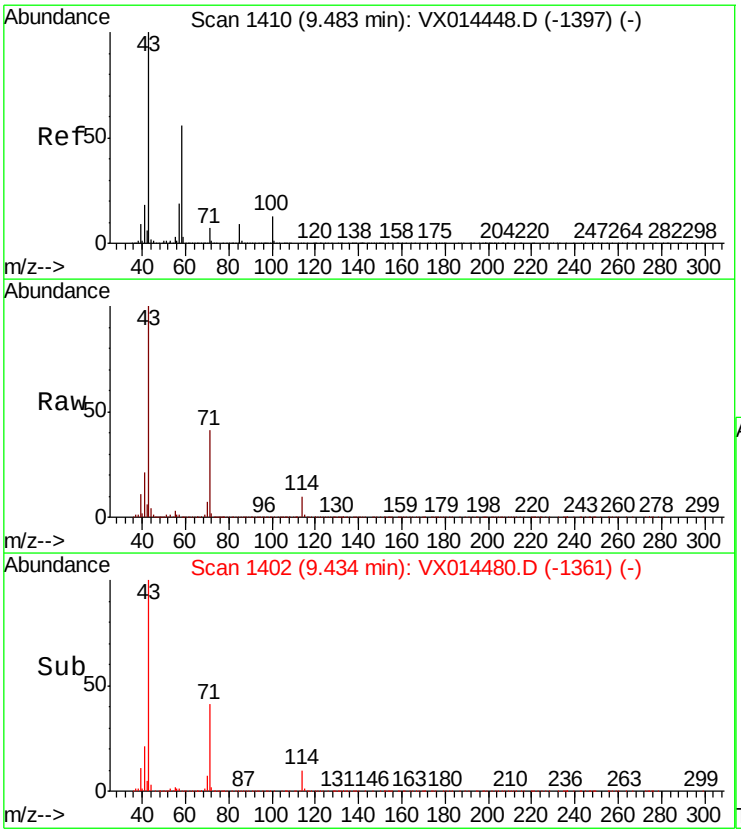
#54
cis-1,3-Dichloropropene
Concen: 6.530 ug/l
RT: 8.61 min Scan# 1267
Delta R.T. 0.18 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 60913

Ion	Ratio	Lower	Upper
75	100		
77	0.2	25.0	37.4#
39	26.0	40.7	61.1#

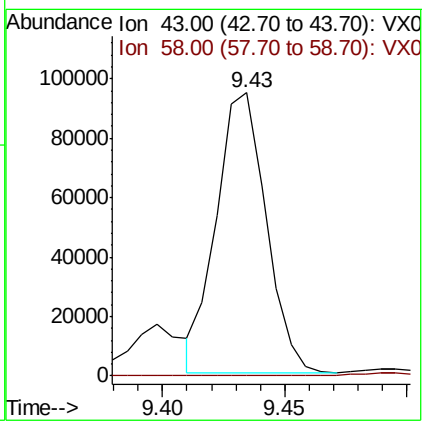


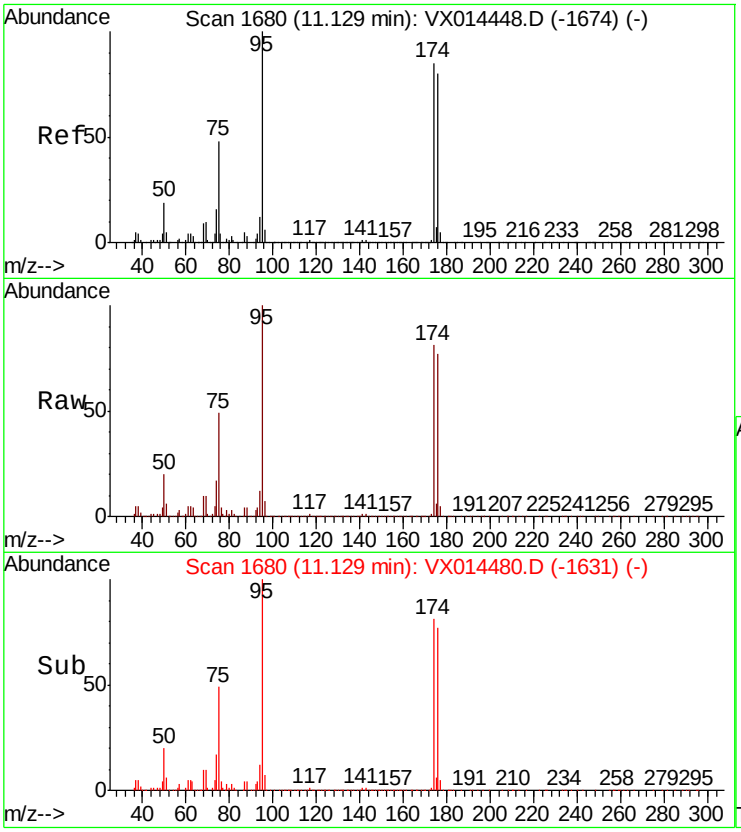


#59
2-Hexanone
Concen: 20.446 ug/l
RT: 9.43 min Scan# 1402
Delta R.T. -0.05 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion: 43 Resp: 133509

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	83.7#



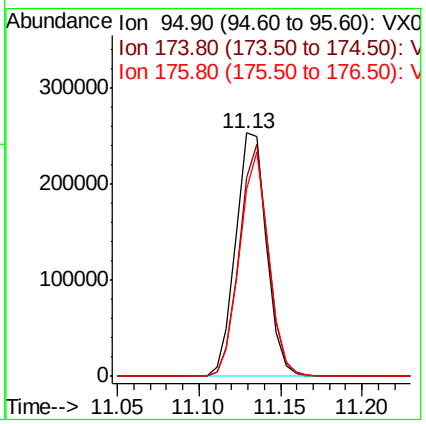


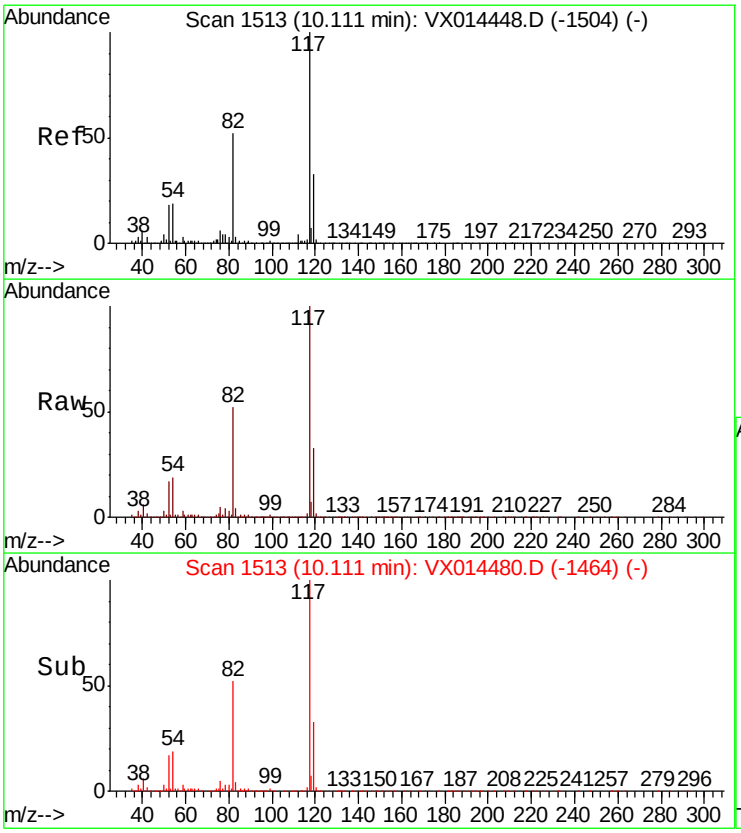
#62
4-Bromofluorobenzene
Concen: 47.383 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 335363

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	180.8
176	87.1	0.0	172.8

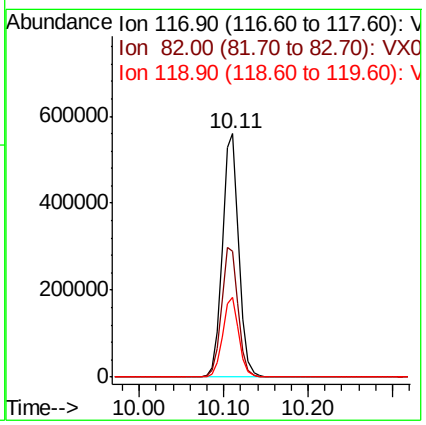


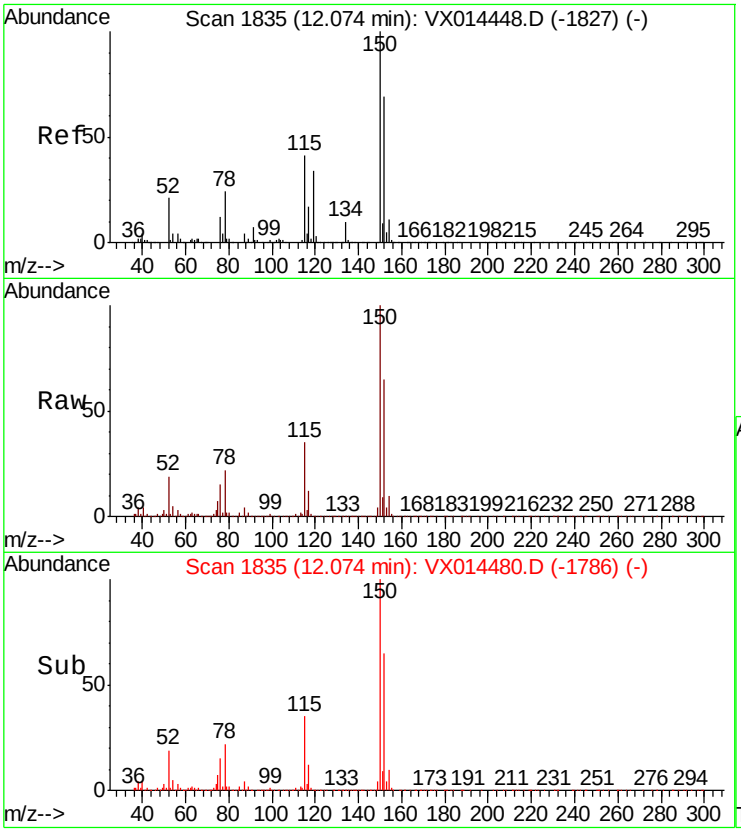


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion:117 Resp: 747847

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.8	62.6
119	32.6	26.2	39.4



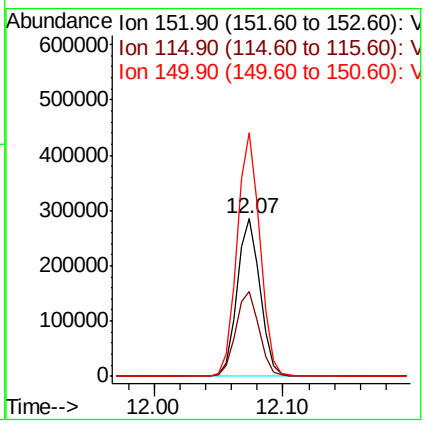


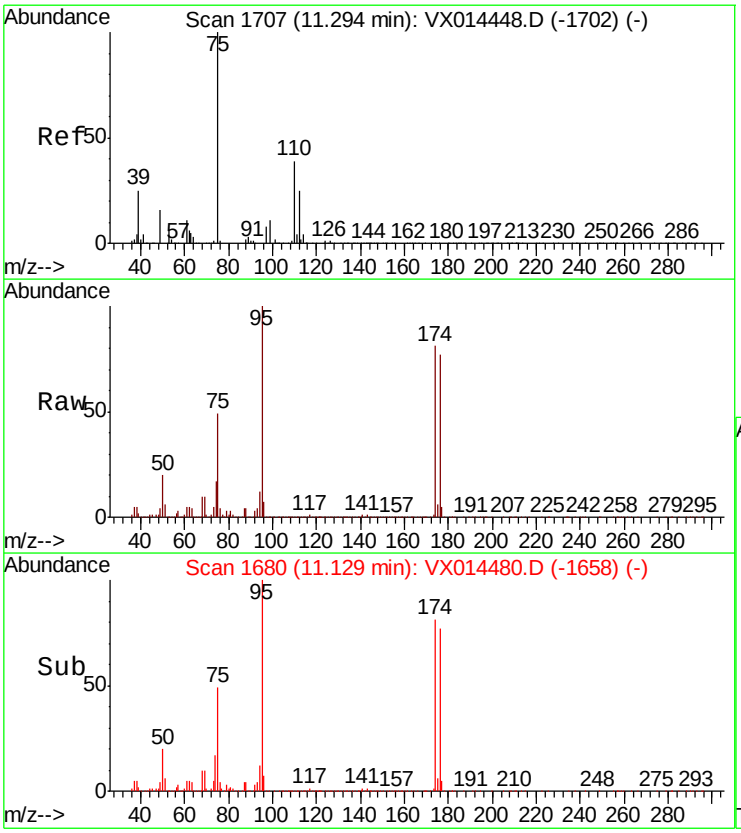
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 350790

Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.5	118.3
150	154.6	0.0	350.2

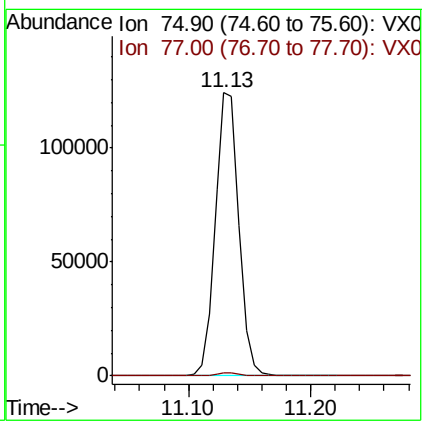


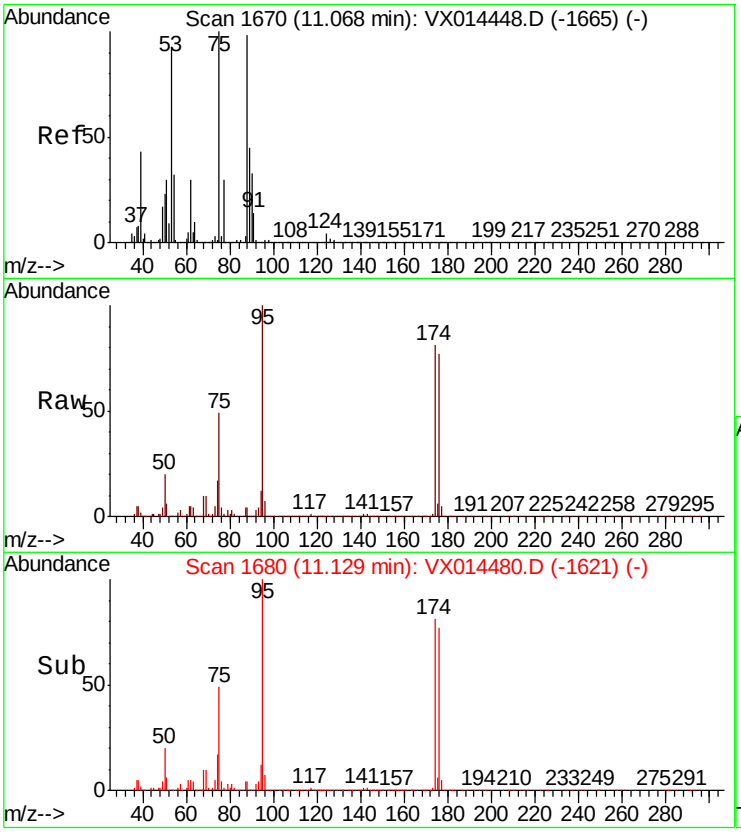


#76
1,2,3-Trichloropropane
Concen: 22.845 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion: 75 Resp: 165809

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.9	65.7#



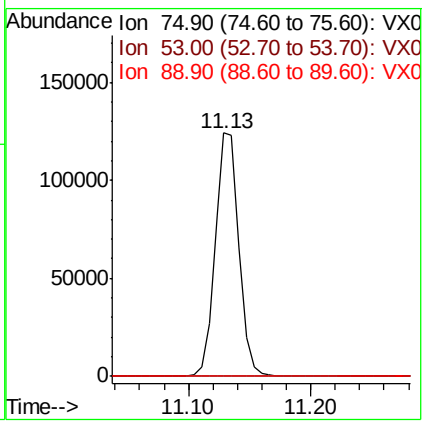


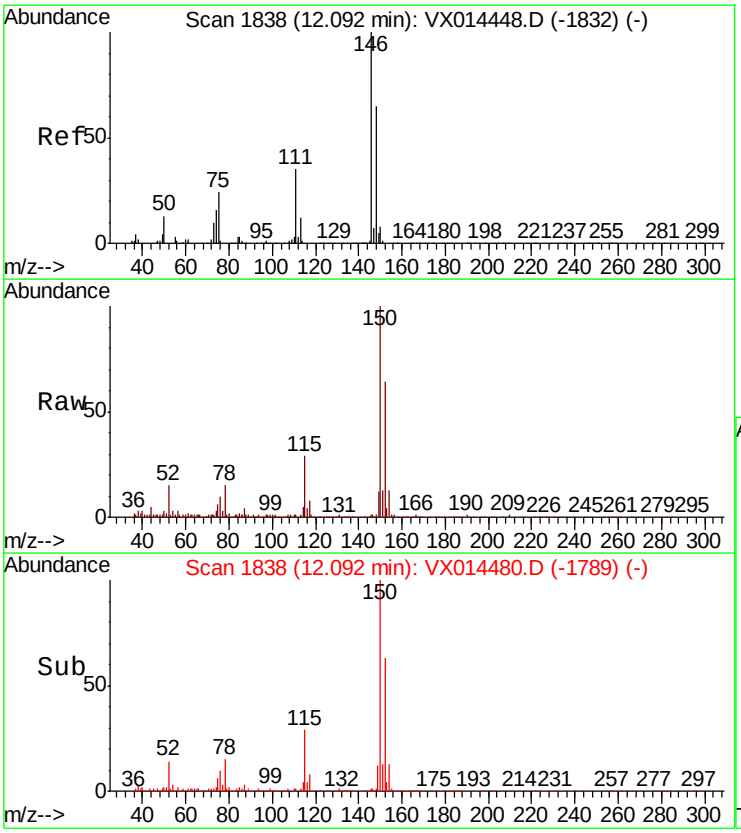
#81
trans-1,4-Dichloro-2-butene
Concen: 60.399 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 165809

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.8	112.2#
89	0.1	36.3	54.5#

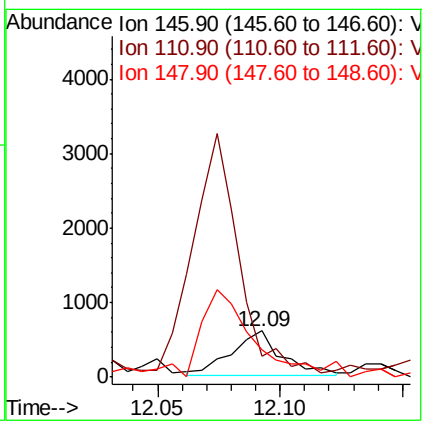


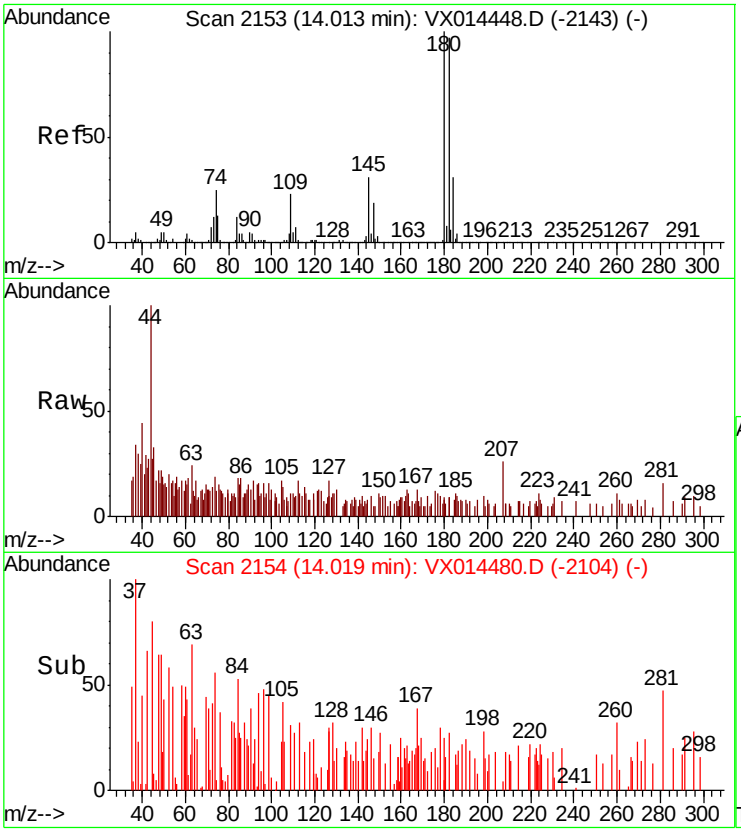


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Tgt Ion:146 Resp: 845

Ion	Ratio	Lower	Upper
146	100		
111	501.3	18.1	54.1#
148	189.1	32.1	96.3#





#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX014480.D
Acq: 08 Jan 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 346

Ion	Ratio	Lower	Upper
180	100		
182	69.9	47.9	143.6
145	43.1	14.8	44.3