Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072320\
Data File : VX017515.D
Acq On : 24 Jul 2020 01:06
Operator : JC/SP
Sample : PB130403ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#05

Quant Time: Jul 24 06:05:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	487440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	802510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	891825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	429592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	317937	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.56%			
35) Dibromofluoromethane	5.46	113	263147	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.06%			
50) Toluene-d8	8.70	98	917899	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.82%			
62) 4-Bromofluorobenzene	11.12	95	463415	59.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	287	Below Cal	#	42
3) Chloromethane	1.31	50	899	0.515	ug/l #	58
5) Bromomethane	1.62	94	523	Below Cal	#	3
6) Chloroethane	1.71	64	335	Below Cal	#	47
8) Diethyl Ether	2.11	74	634	Below Cal		63
11) Tert butyl alcohol	3.02	59	2699	2.045	ug/l	97
12) 1,1-Dichloroethene	2.38	96	1321	0.262	ug/l #	21
13) Acrolein	2.28	56	862	4.990	ug/l #	72
16) Acetone	2.42	43	68131	24.722	ug/l	97
18) Methyl Acetate	2.75	43	6755	1.041	ug/l #	76
20) Methylene Chloride	2.84	84	49045	8.380	ug/l	92
25) 2-Butanone	4.65	43	16283	4.159	ug/l #	80
29) Tetrahydrofuran	5.10	42	2474	1.020	ug/l #	83
36) 1,1-Dichloropropene	5.63	75	37389	4.858	ug/l #	53
37) Ethyl Acetate	4.81	43	2051	0.244	ug/l #	72
38) Carbon Tetrachloride	5.63	117	50804	5.436	ug/l #	17
43) Isopropyl Acetate	6.42	43	153465	11.045	ug/l	98
48) Methyl methacrylate	7.85	41	238550	34.635	ug/l #	45
49) 1,4-Dioxane	7.70	88	219	1.658	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	149152	17.991	ug/l #	47
54) cis-1,3-Dichloropropene	8.60	75	60954	6.137	ug/l #	60
57) 1,3-Dichloropropane	9.52	76	13419	1.382	ug/l #	50
59) 2-Hexanone	9.52	43	186368	29.858	ug/l #	51
74) N-amyl acetate	10.85	43	2893	0.221	ug/l #	64
76) 1,2,3-Trichloropropane	11.12	75	236107	26.718	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.49	105	8222	0.327	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.12	75	236107	67.324	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.98	75	243	2.665	ug/l #	15

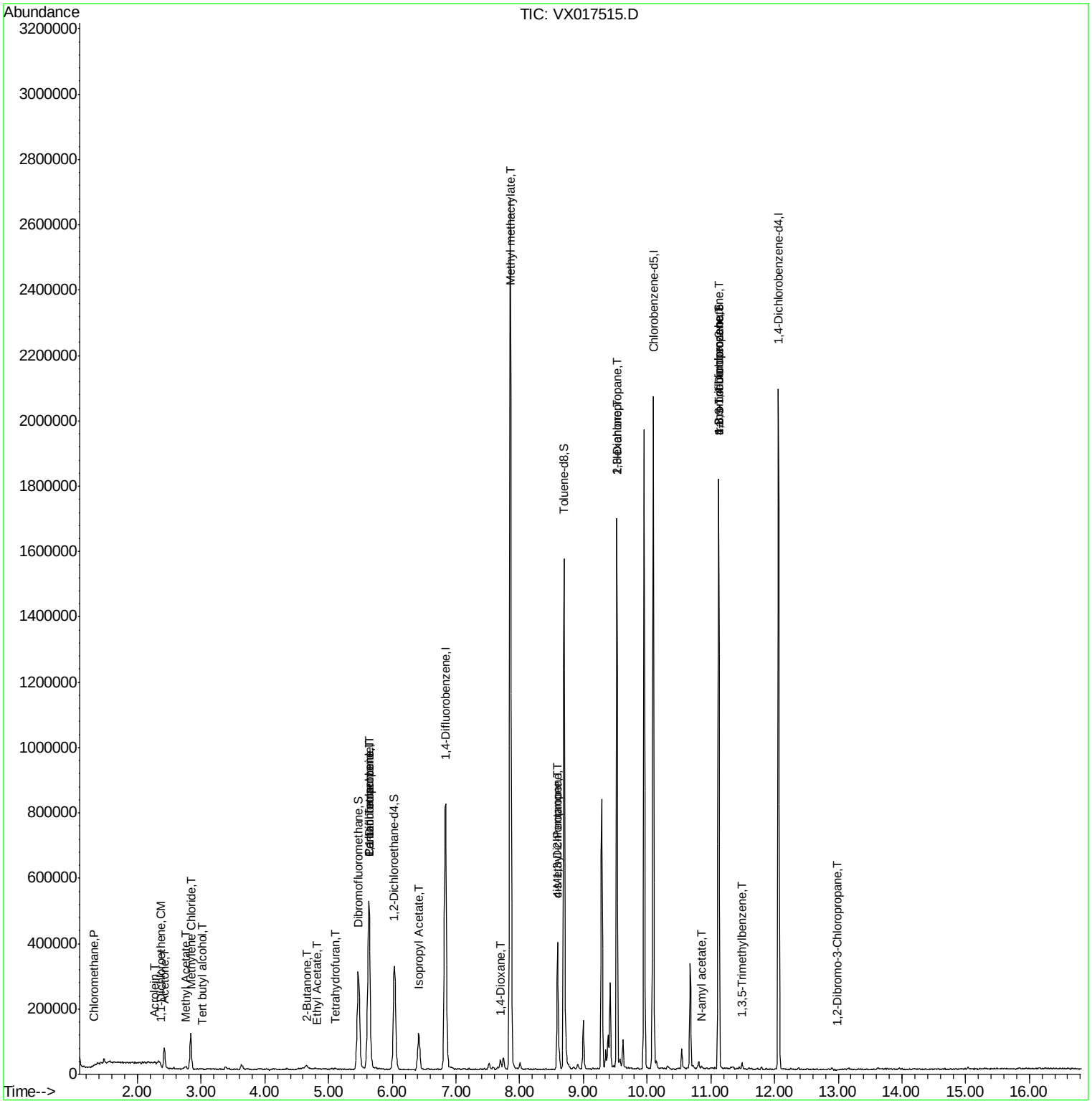
(#) = qualifier out of range (m) = manual integration (+) = signals summed

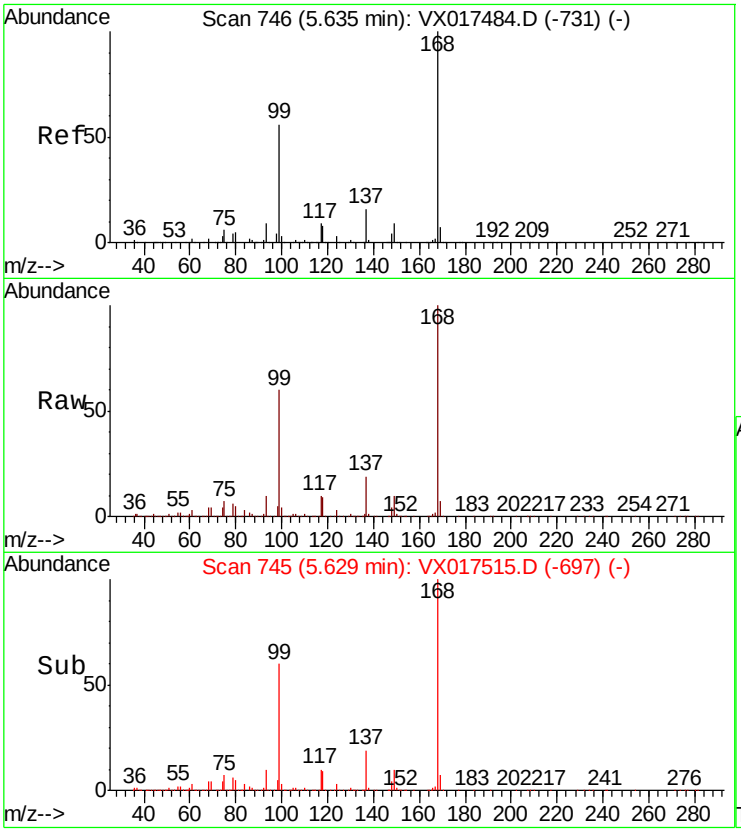
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072320\
Data File : VX017515.D
Acq On : 24 Jul 2020 01:06
Operator : JC/SP
Sample : PB130403ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Quant Time: Jul 24 06:05:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration



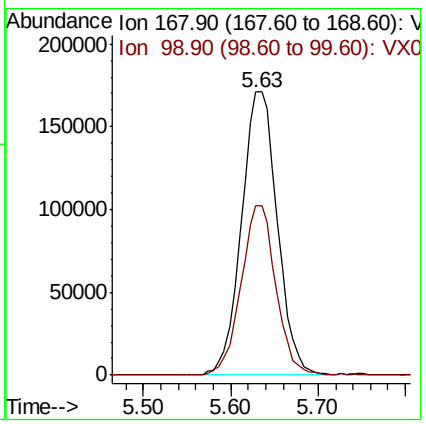


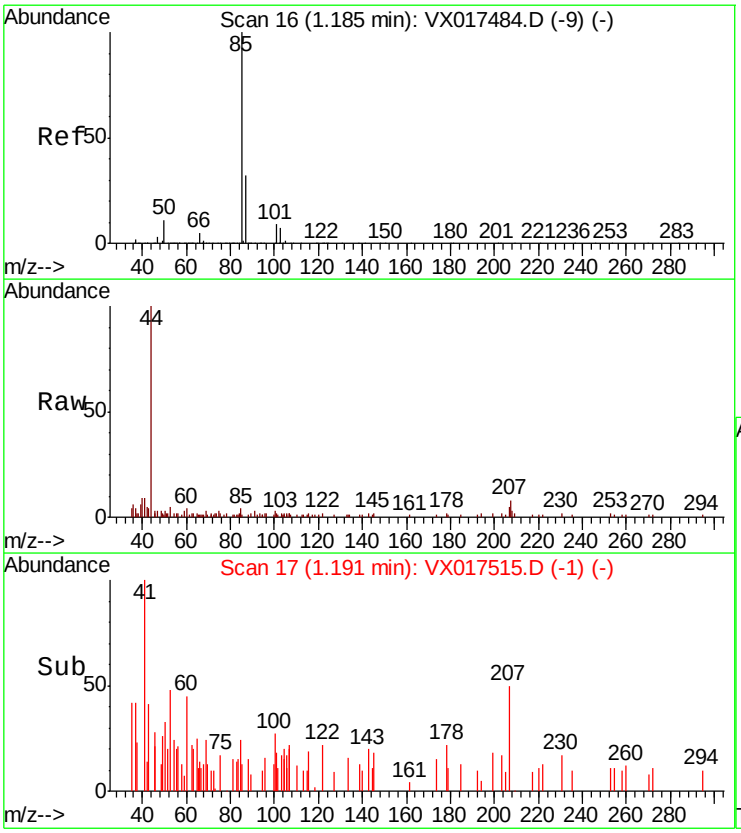
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Tgt Ion:168 Resp: 487440

Ion	Ratio	Lower	Upper
168	100		
99	59.9	43.4	65.2

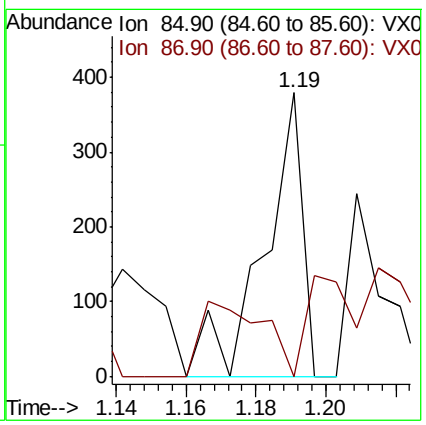


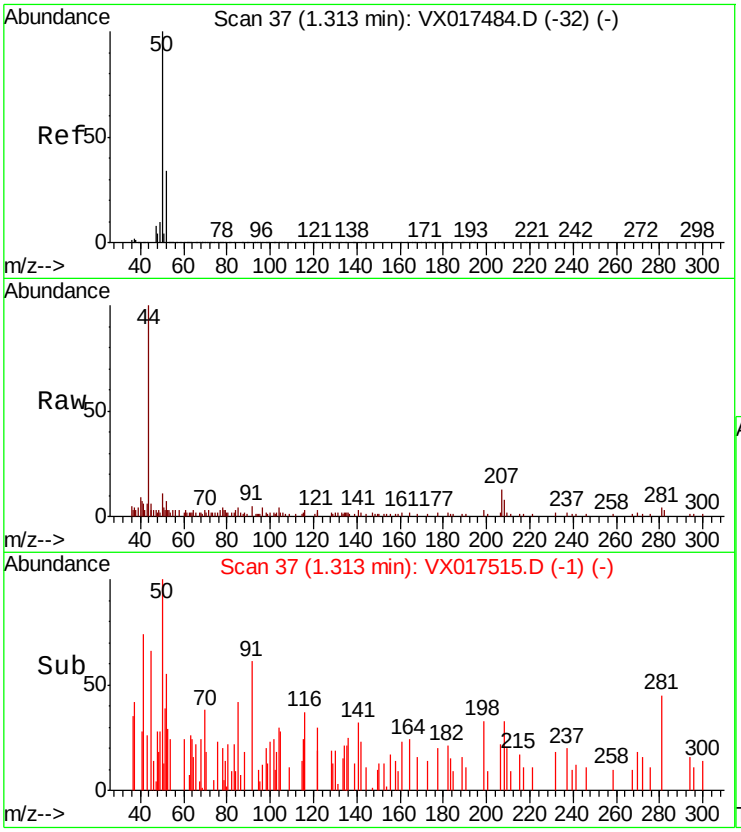


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.19 min Scan# 17
Delta R.T. 0.01 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 85 Resp: 287

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.1	48.3#



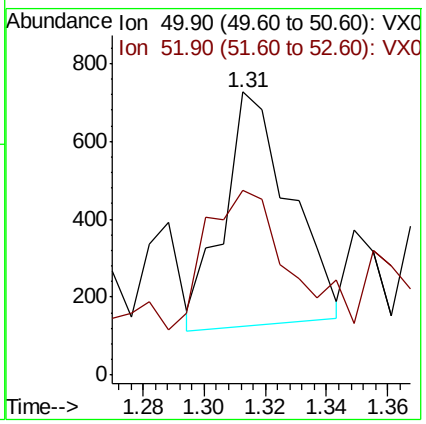


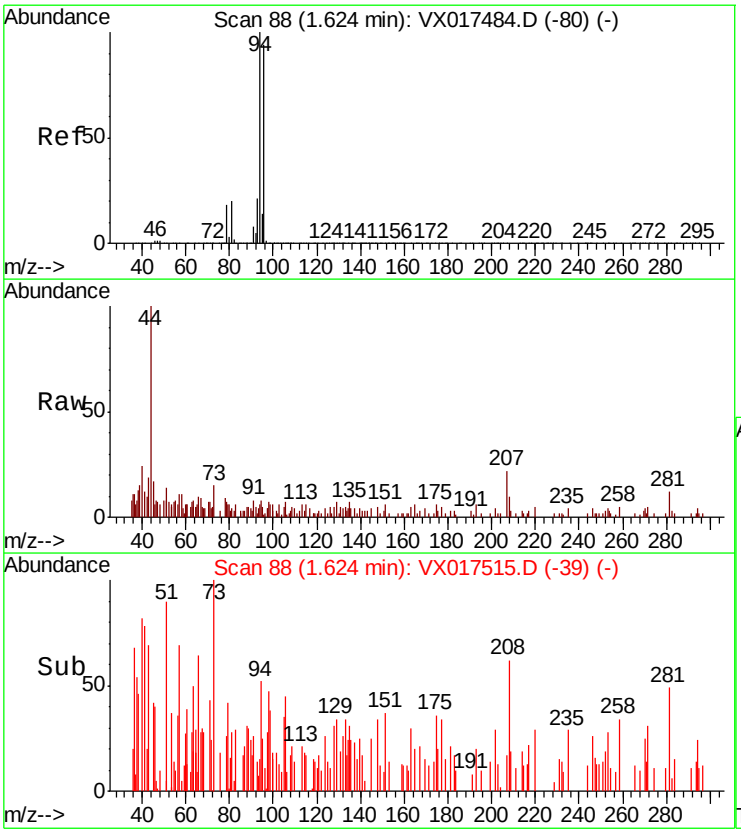
#3
Chloromethane
Concen: 0.515 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Tgt Ion: 50 Resp: 899

Ion	Ratio	Lower	Upper
50	100		
52	55.9	25.9	38.9#

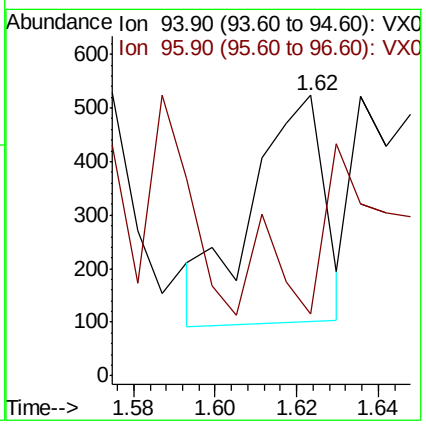


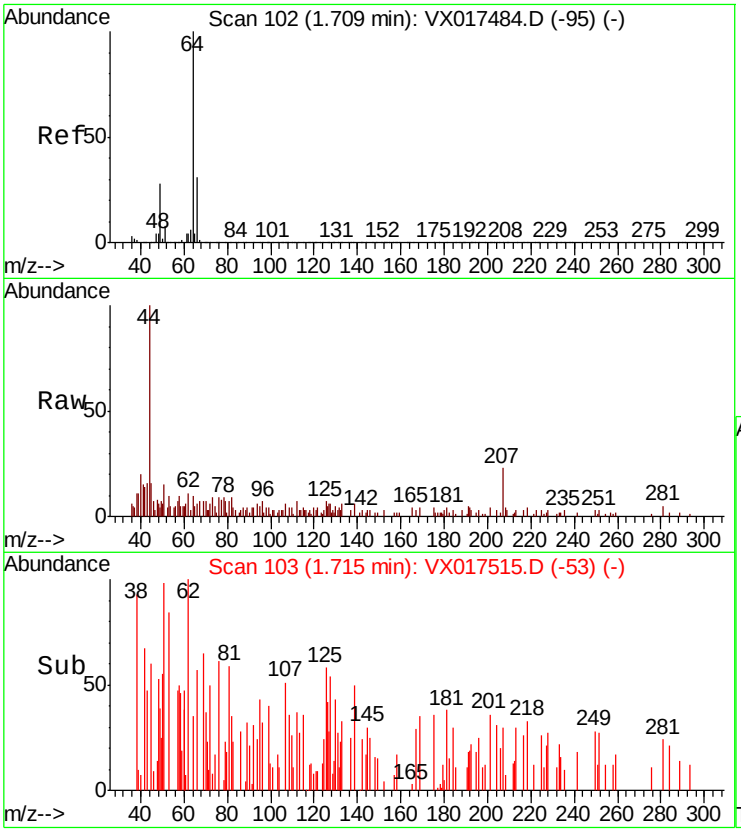


#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 94 Resp: 523

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.1	111.1#



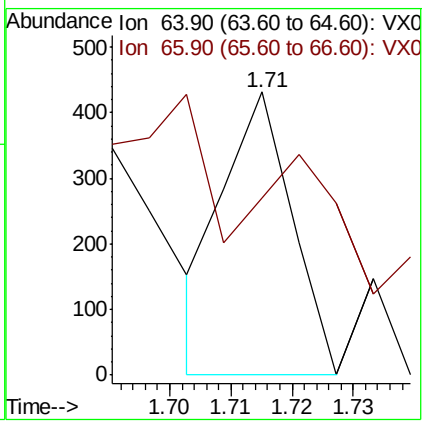


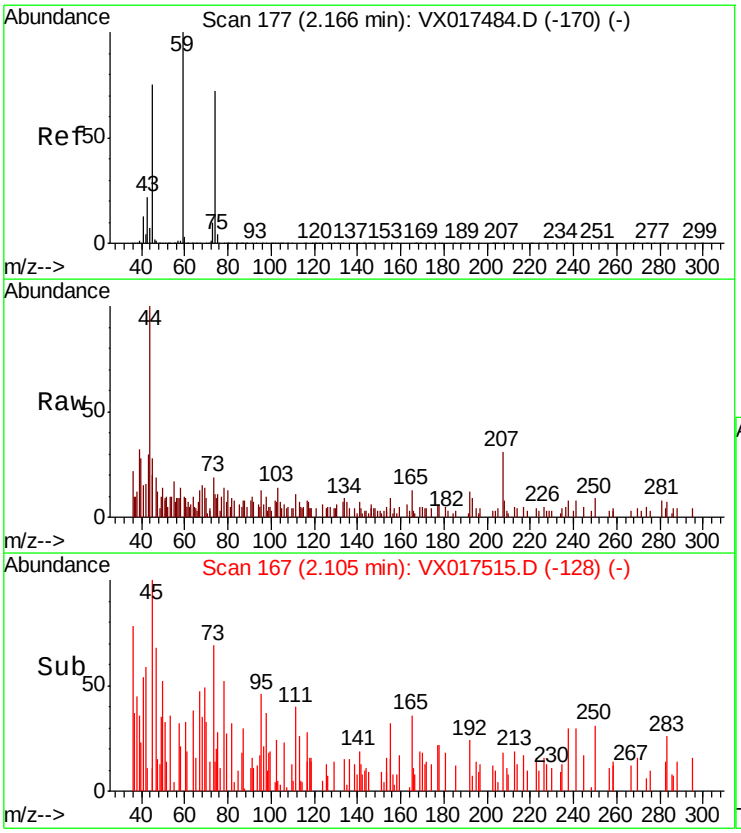
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Tgt Ion: 64 Resp: 335

Ion	Ratio	Lower	Upper
64	100		
66	1.9	24.9	37.3#

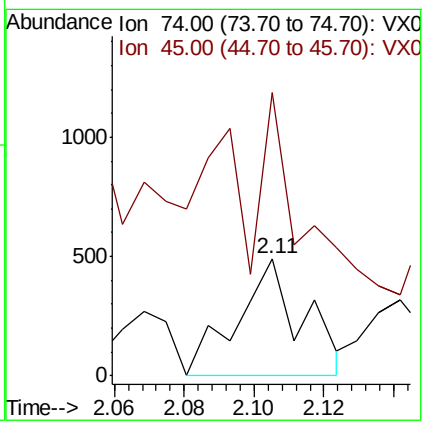


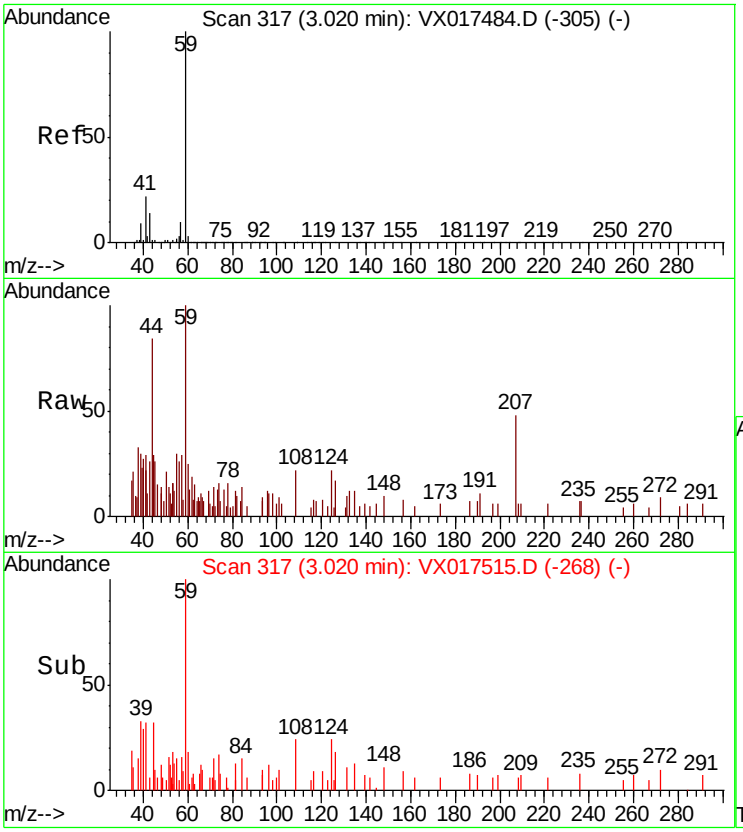


#8
Diethyl Ether
Concen: Below Cal
RT: 2.11 min Scan# 167
Delta R.T. -0.06 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 74 Resp: 634

Ion	Ratio	Lower	Upper
74	100		
45	63.9	50.8	152.5



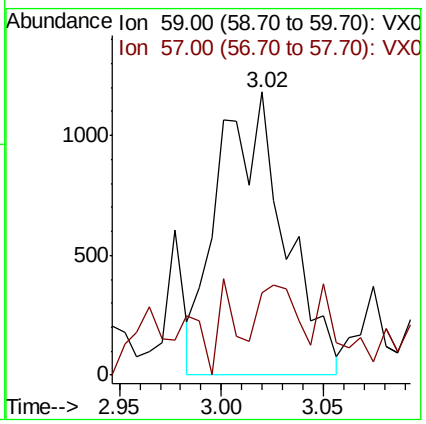


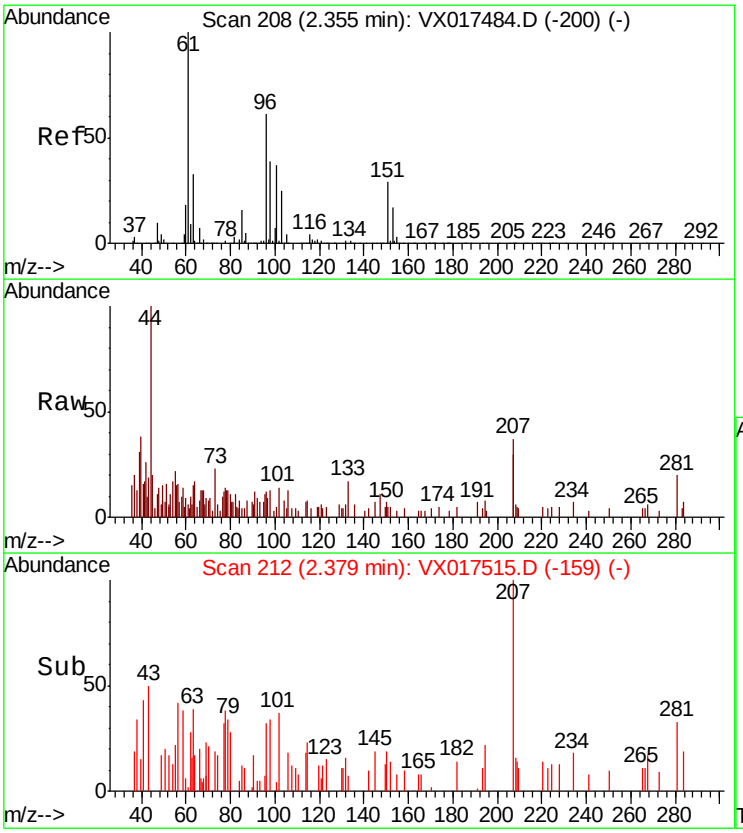
#11
Tert butyl alcohol
Concen: 2.045 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Tgt Ion: 59 Resp: 2699

Ion	Ratio	Lower	Upper
59	100		
57	12.0	8.6	12.8

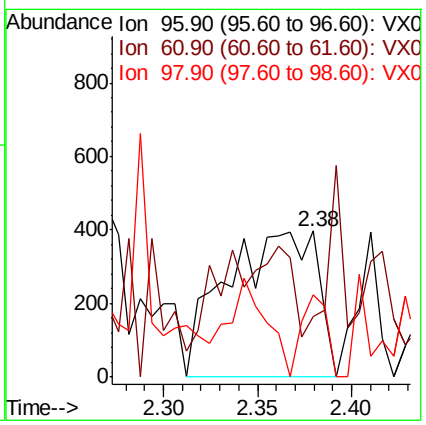


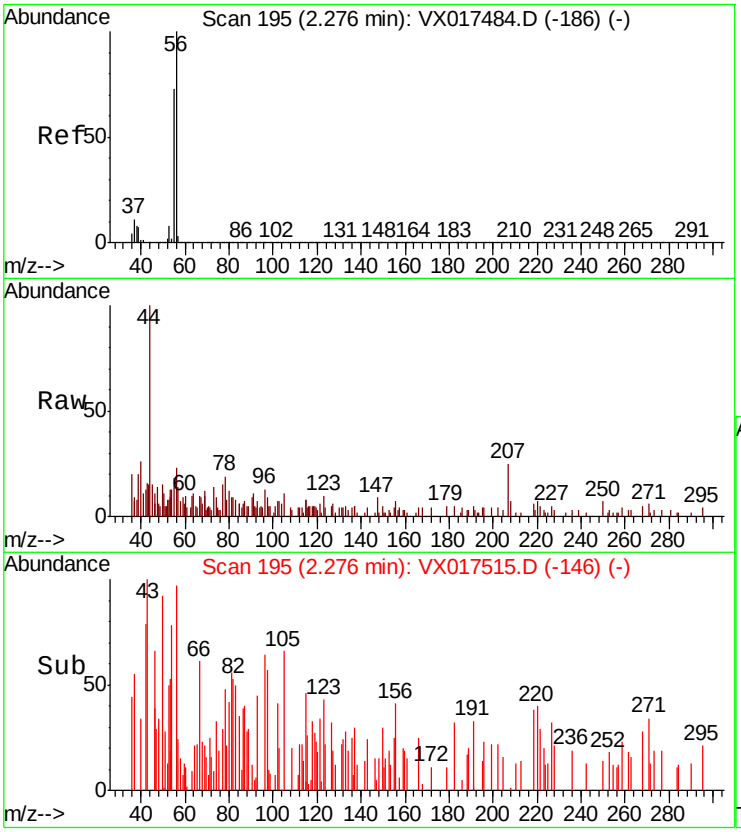


#12
1,1-Dichloroethene
Concen: 0.262 ug/l
RT: 2.38 min Scan# 212
Delta R.T. 0.02 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 96 Resp: 1321

Ion	Ratio	Lower	Upper
96	100		
61	24.4	134.0	201.0#
98	56.4	51.0	76.4



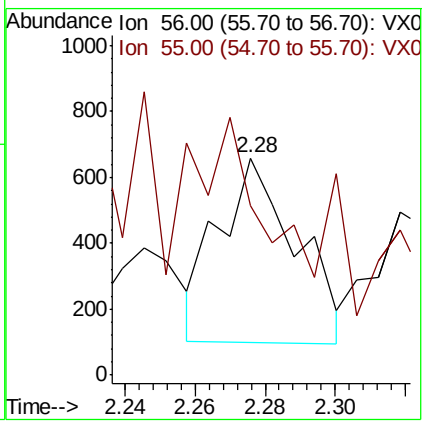


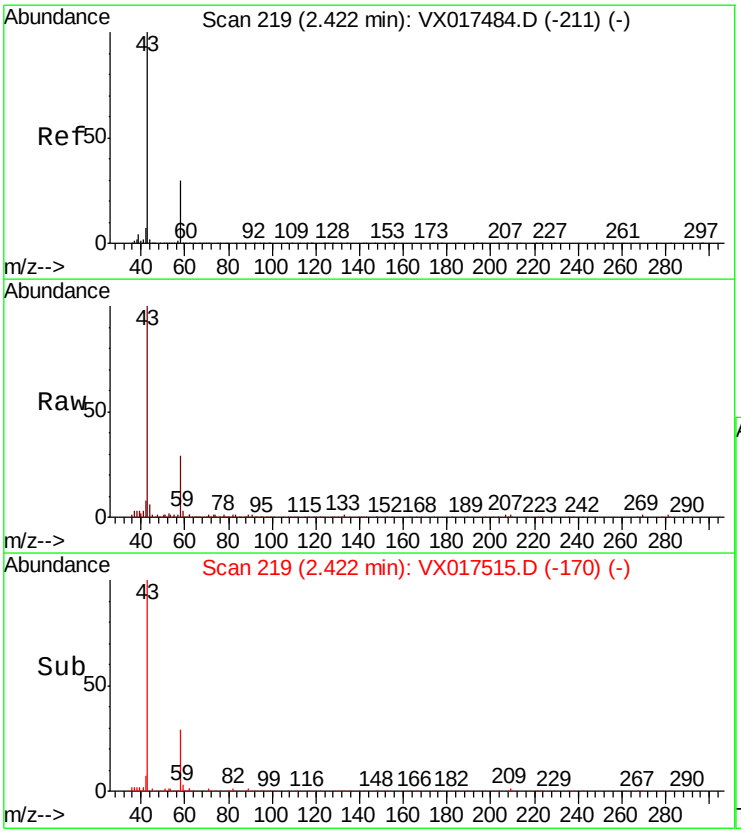
#13
Acrolein
Concen: 4.990 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Tgt Ion: 56 Resp: 862

Ion	Ratio	Lower	Upper
56	100		
55	48.7	57.4	86.2#

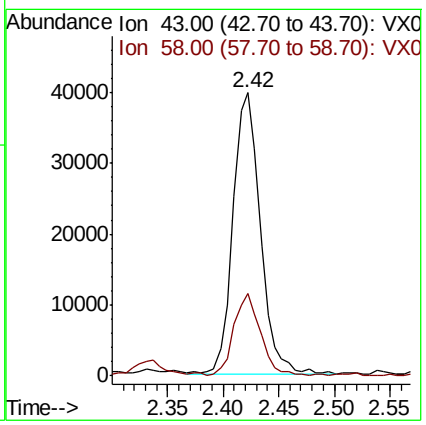


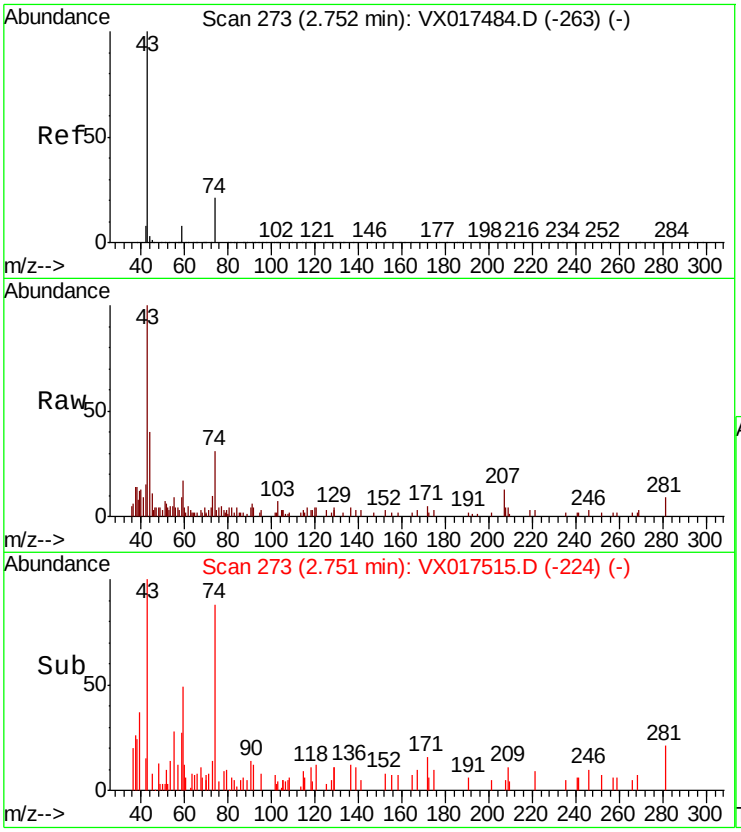


#16
Acetone
Concen: 24.722 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 43 Resp: 68131

Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.2	36.4



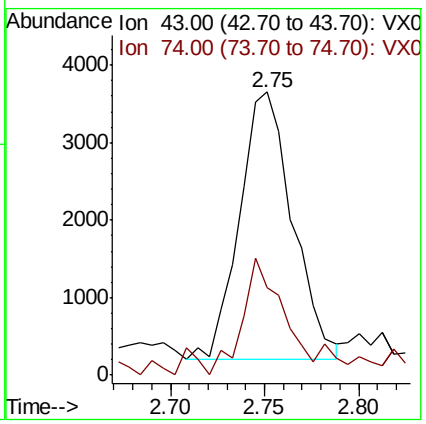


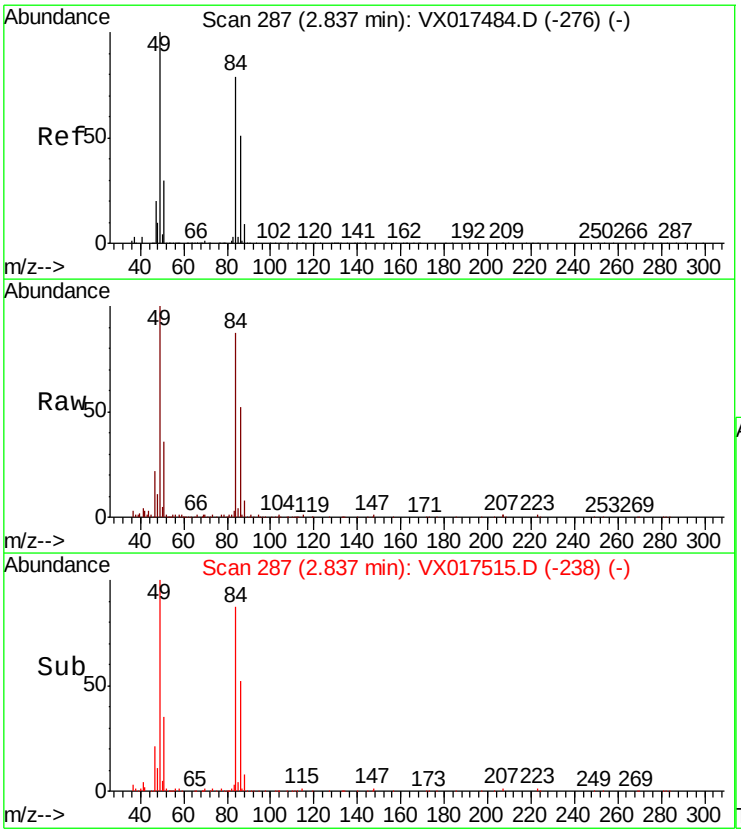
#18
Methyl Acetate
Concen: 1.041 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#05

Tgt Ion: 43 Resp: 6755

Ion	Ratio	Lower	Upper
43	100		
74	33.2	17.5	26.3#

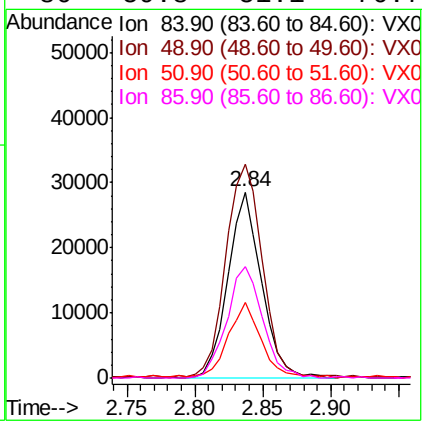


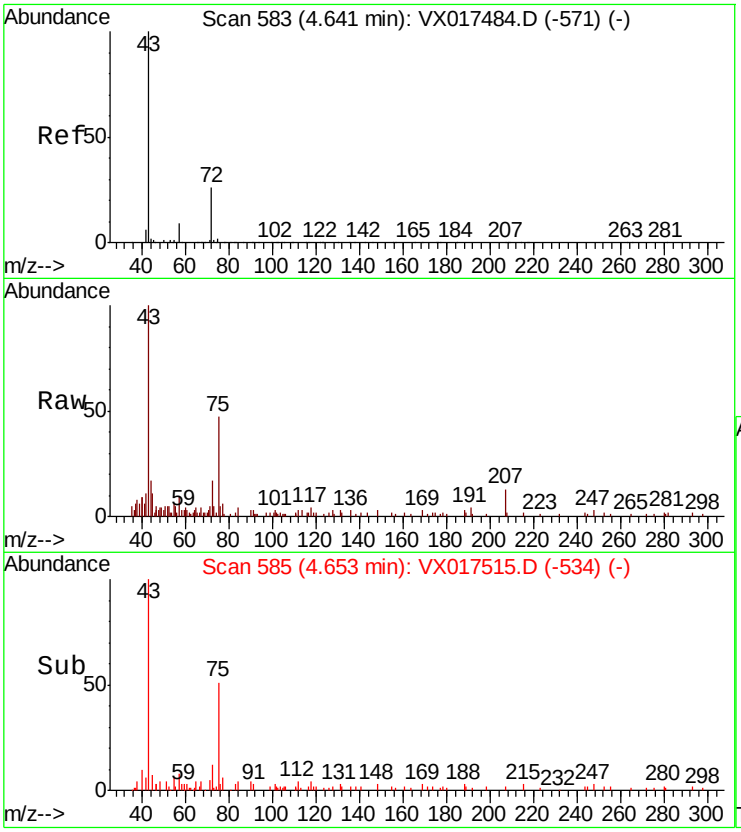


#20
Methylene Chloride
Concen: 8.380 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 84 Resp: 49045

Ion	Ratio	Lower	Upper
84	100		
49	114.0	100.3	150.5
51	40.4	30.5	45.7
86	59.8	51.1	76.7



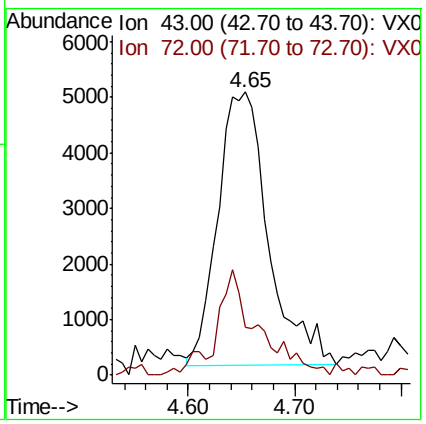


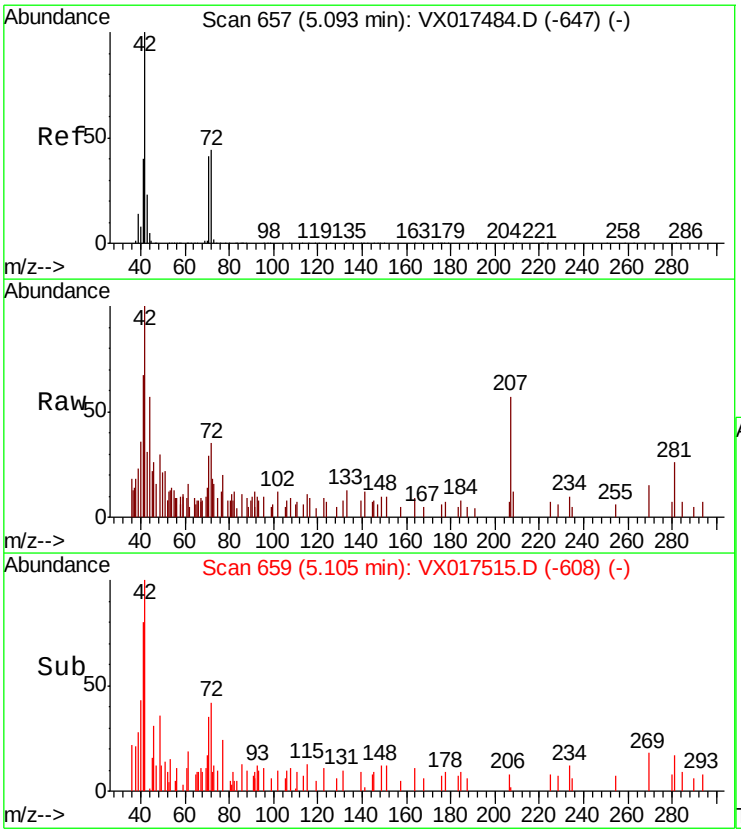
#25
2-Butanone
Concen: 4.159 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#05

Tgt Ion: 43 Resp: 16283

Ion	Ratio	Lower	Upper
43	100		
72	13.9	19.0	28.4#

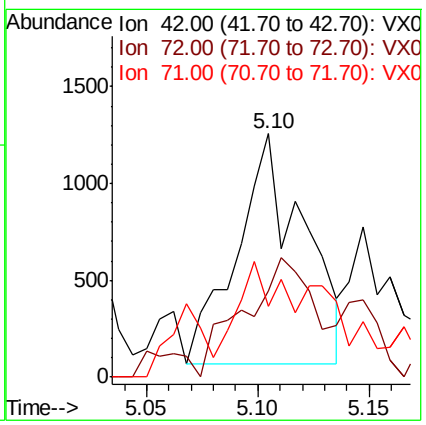


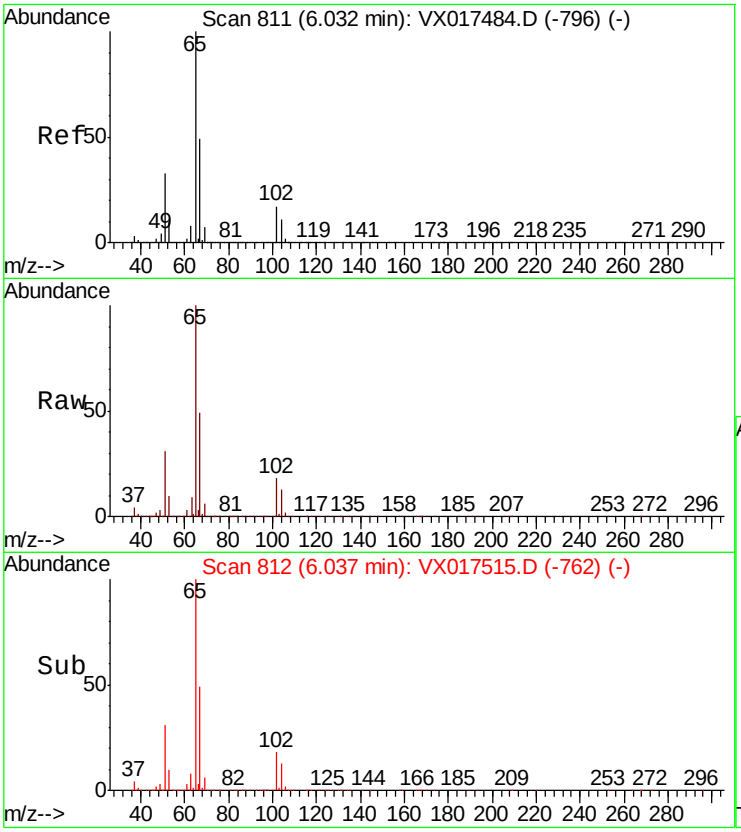


#29
Tetrahydrofuran
Concen: 1.020 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 42 Resp: 2474

Ion	Ratio	Lower	Upper
42	100		
72	52.1	35.5	53.3
71	27.2	33.0	49.4#



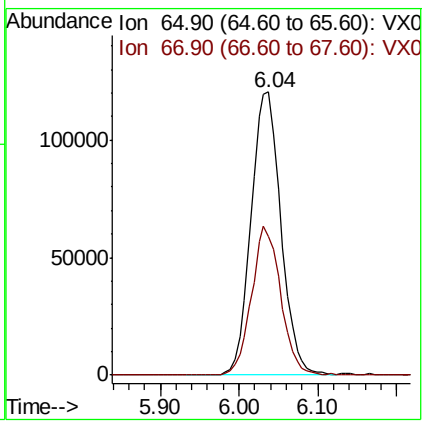


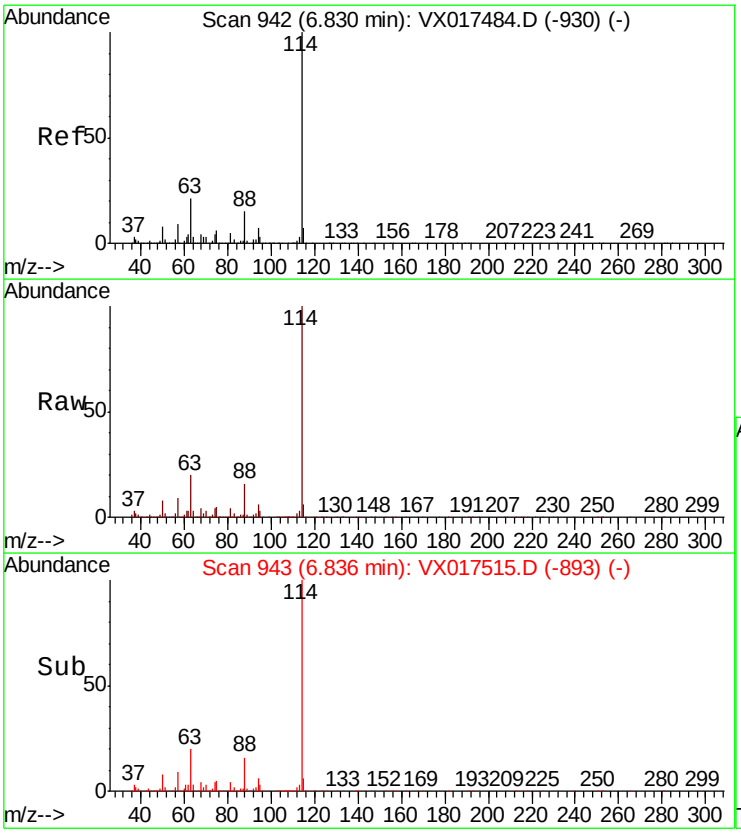
#33
1,2-Dichloroethane-d4
Concen: 50.777 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#05

Tgt Ion: 65 Resp: 317937

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.8

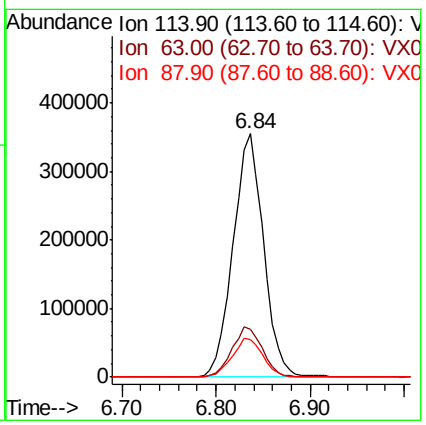


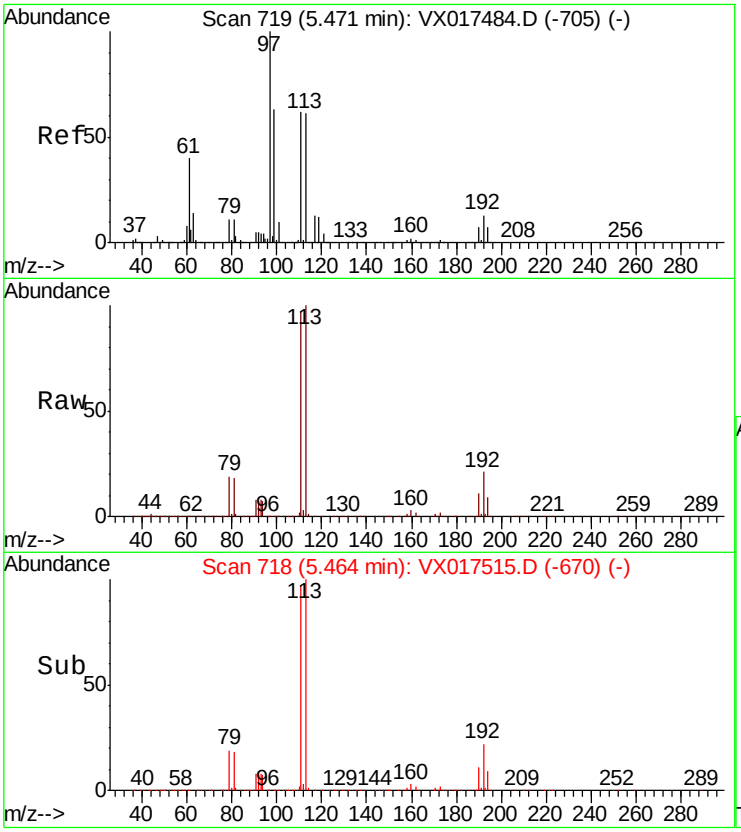


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion:114 Resp: 802510

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.6
88	15.6	0.0	33.4



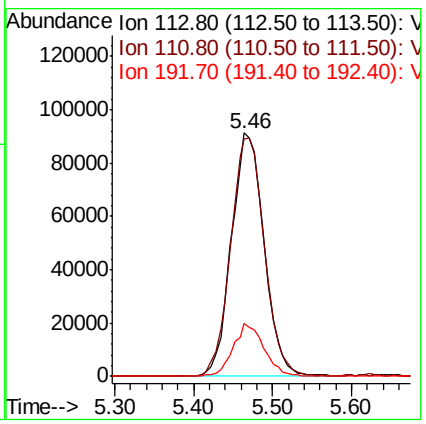


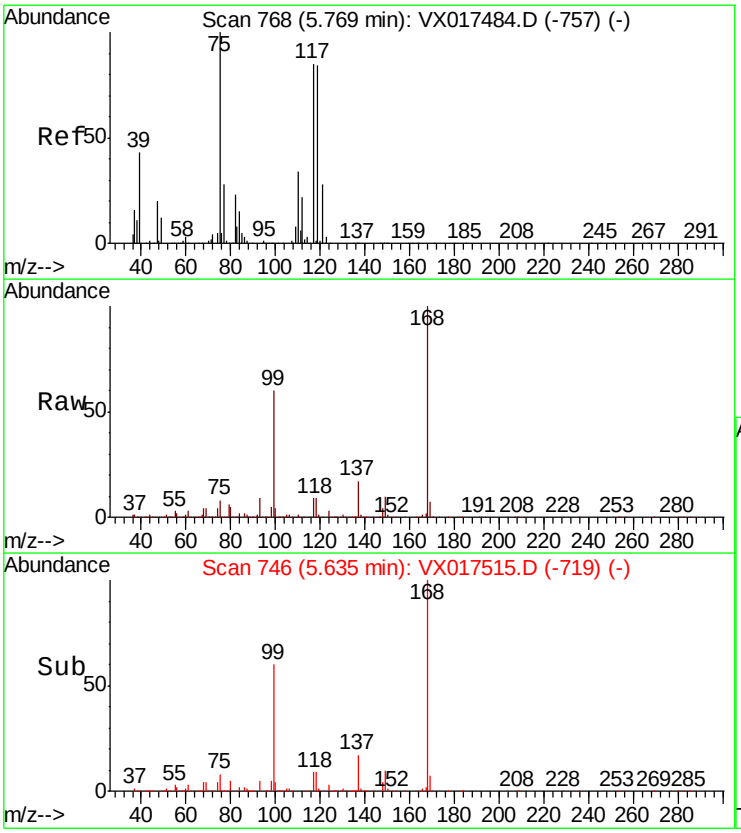
#35
Dibromofluoromethane
Concen: 49.028 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Tgt Ion:113 Resp: 263147

Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.7	121.1
192	20.5	16.9	25.3

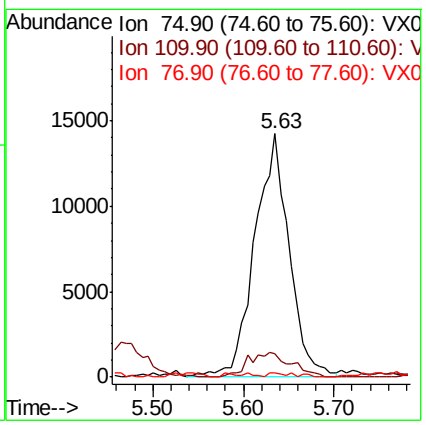


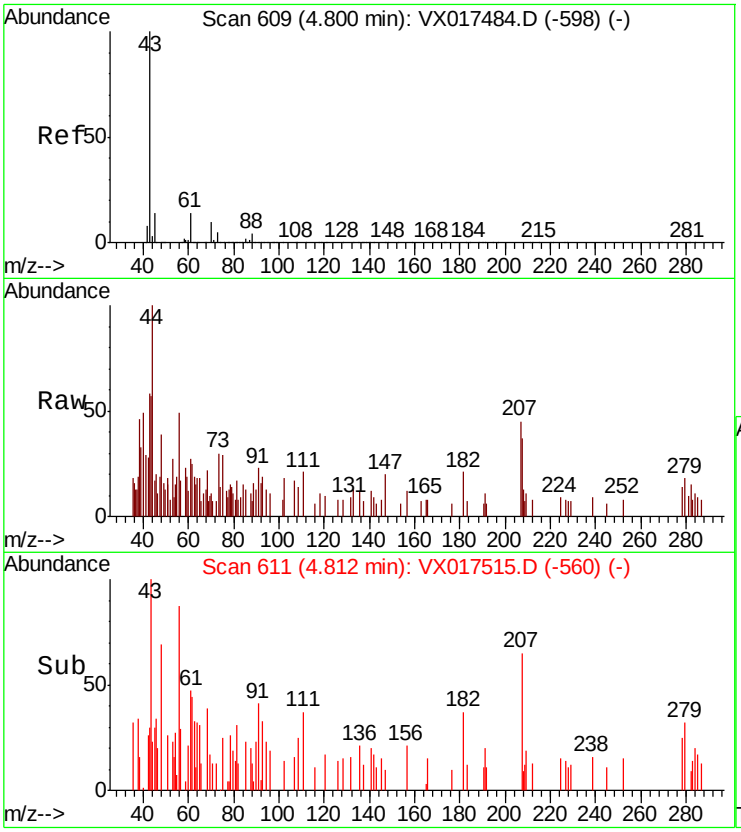


#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 75 Resp: 37389

Ion	Ratio	Lower	Upper
75	100		
110	12.6	18.1	54.3#
77	0.8	24.6	37.0#



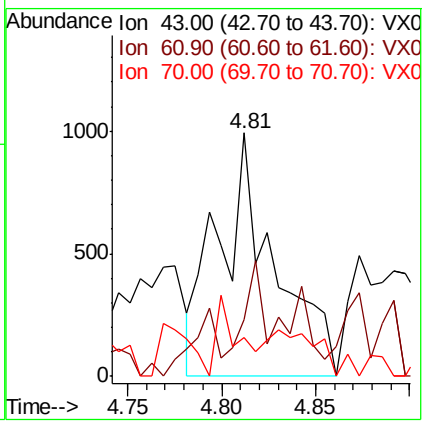


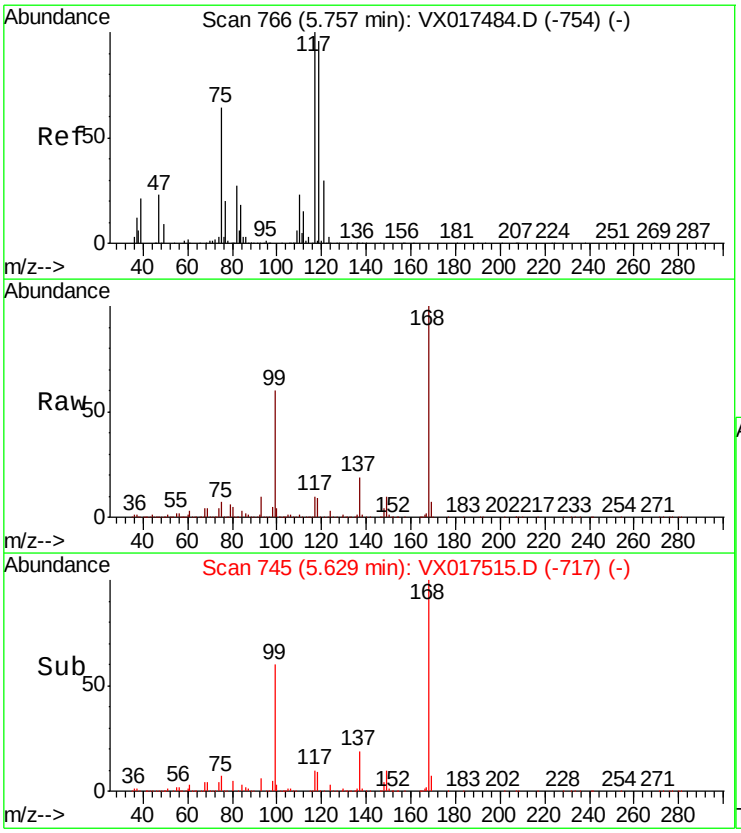
#37
Ethyl Acetate
Concen: 0.244 ug/l
RT: 4.81 min Scan# 611
Delta R.T. 0.01 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#05

Tgt Ion: 43 Resp: 2051

Ion	Ratio	Lower	Upper
43	100		
61	24.3	10.7	16.1#
70	0.0	8.5	12.7#

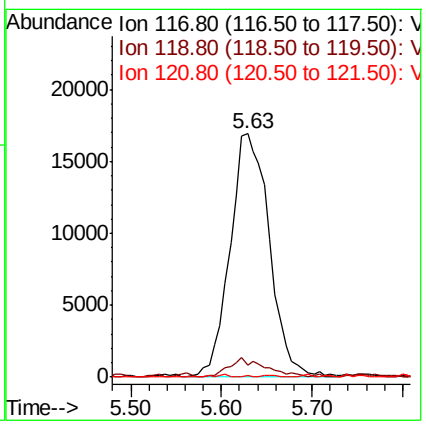


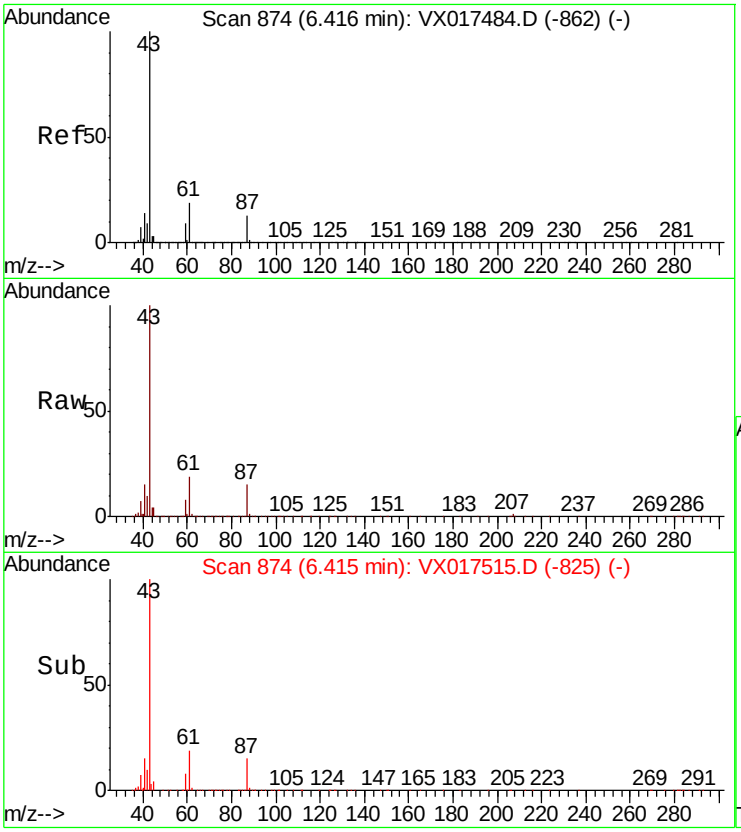


#38
Carbon Tetrachloride
Concen: 5.436 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion:117 Resp: 50804

Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.4	113.0#
121	0.8	24.3	36.5#



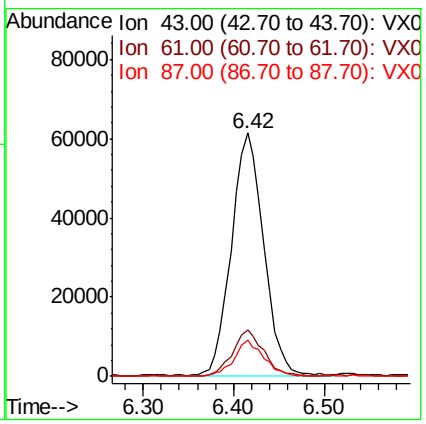


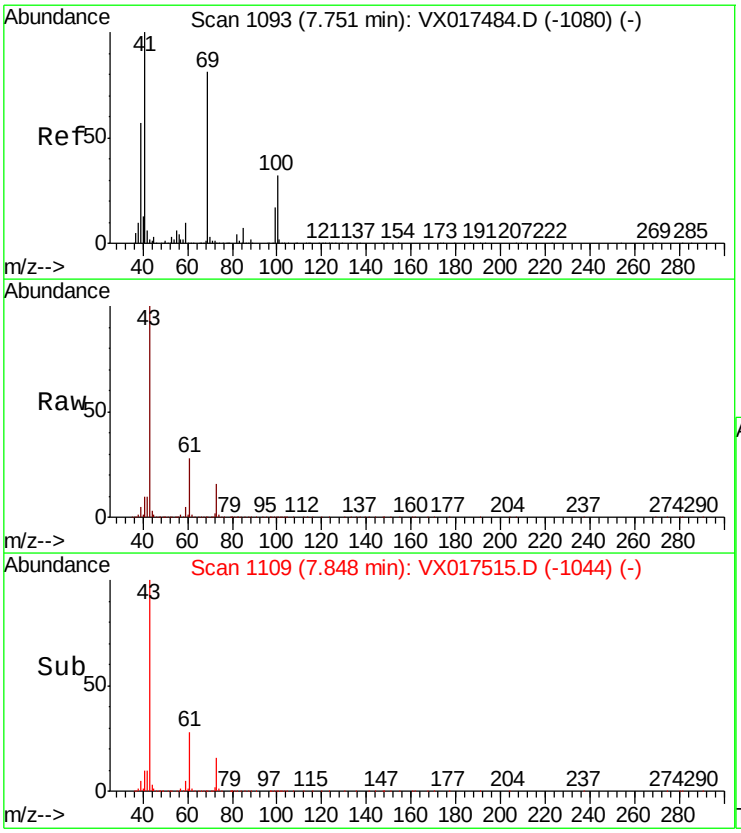
#43
Isopropyl Acetate
Concen: 11.045 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#05

Tgt Ion: 43 Resp: 153465

Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.5	23.3
87	13.8	10.5	15.7

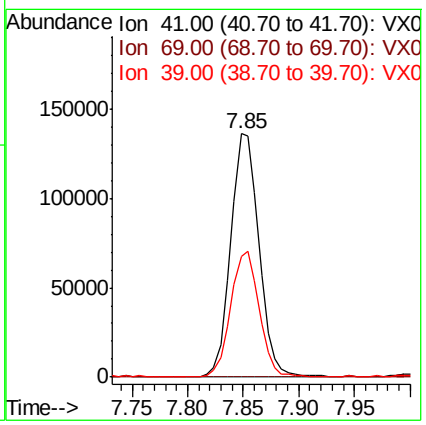


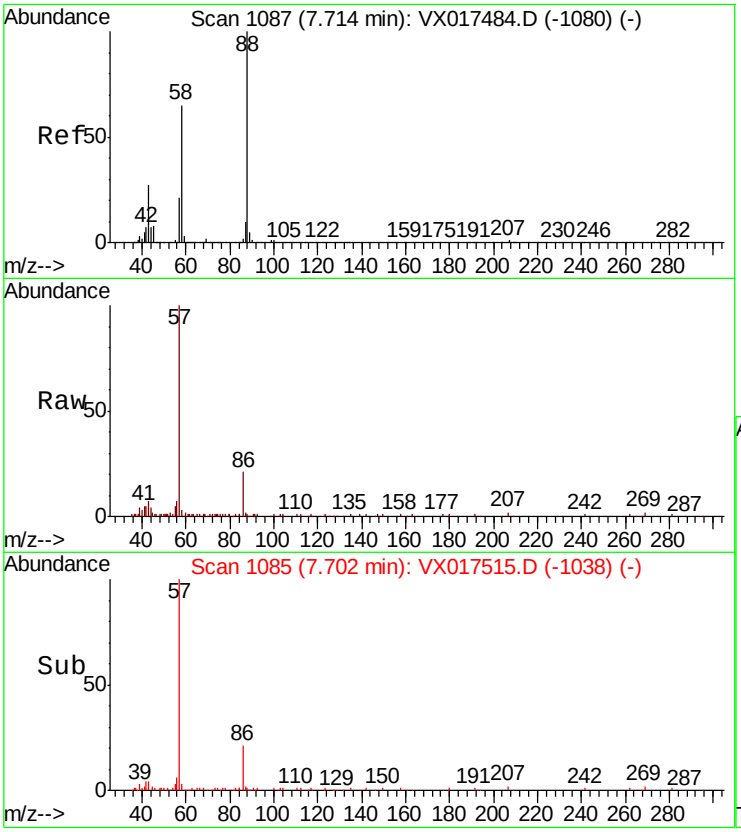


#48
Methyl methacrylate
Concen: 34.635 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.10 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 41 Resp: 238550

Ion	Ratio	Lower	Upper
41	100		
69	0.4	63.1	94.7#
39	52.4	45.1	67.7



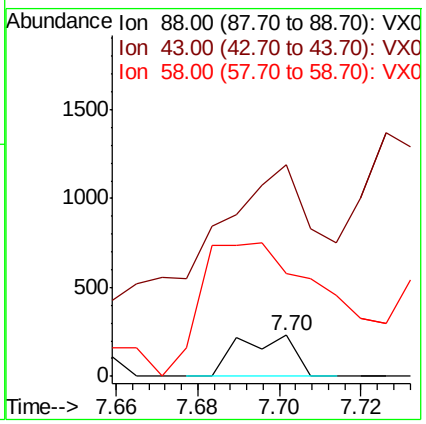


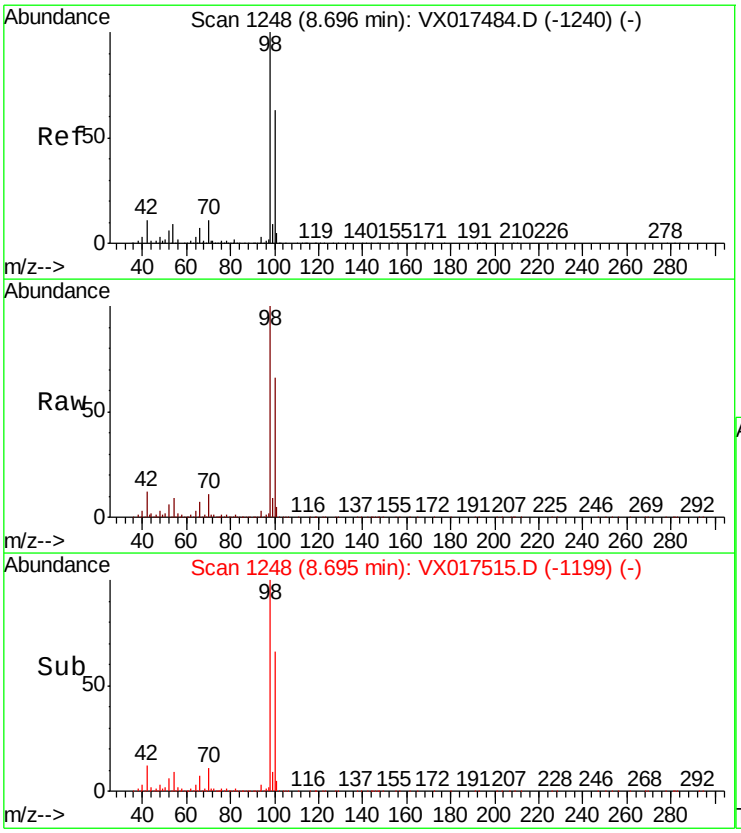
#49
1,4-Dioxane
Concen: 1.658 ug/l
RT: 7.70 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Tgt Ion: 88 Resp: 219

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	768.0	58.3	87.5#

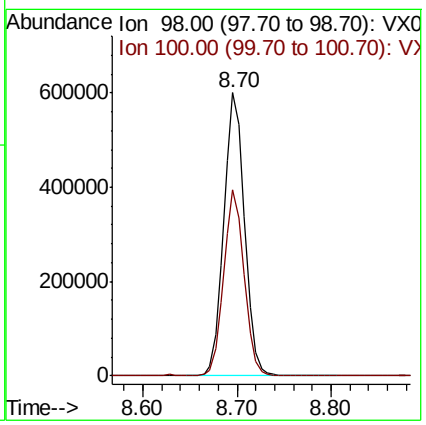


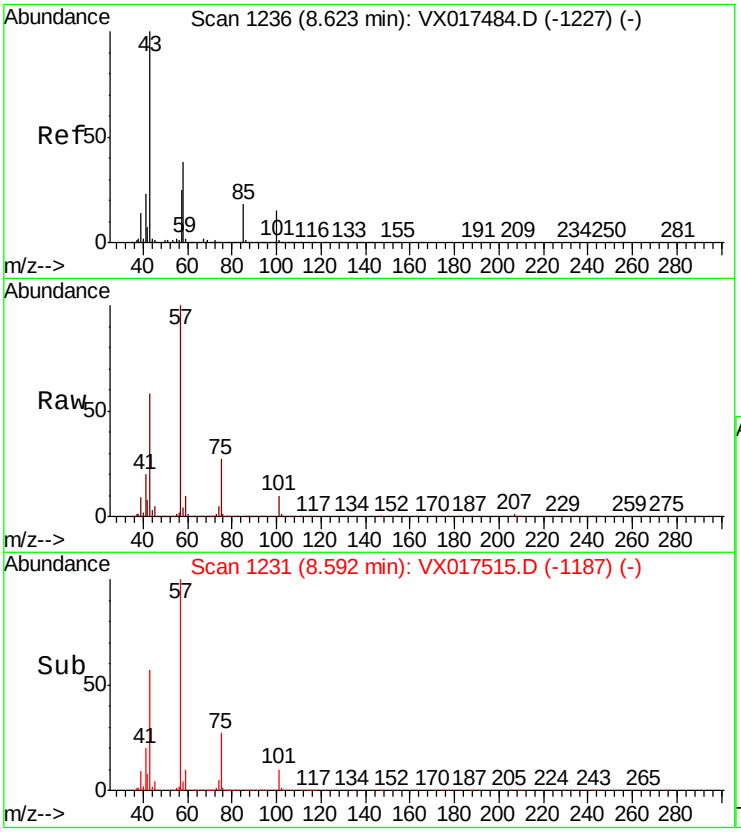


#50
Toluene-d8
Concen: 47.407 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 98 Resp: 917899

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.3	78.5



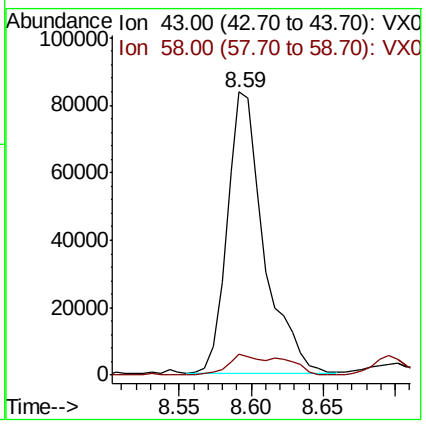


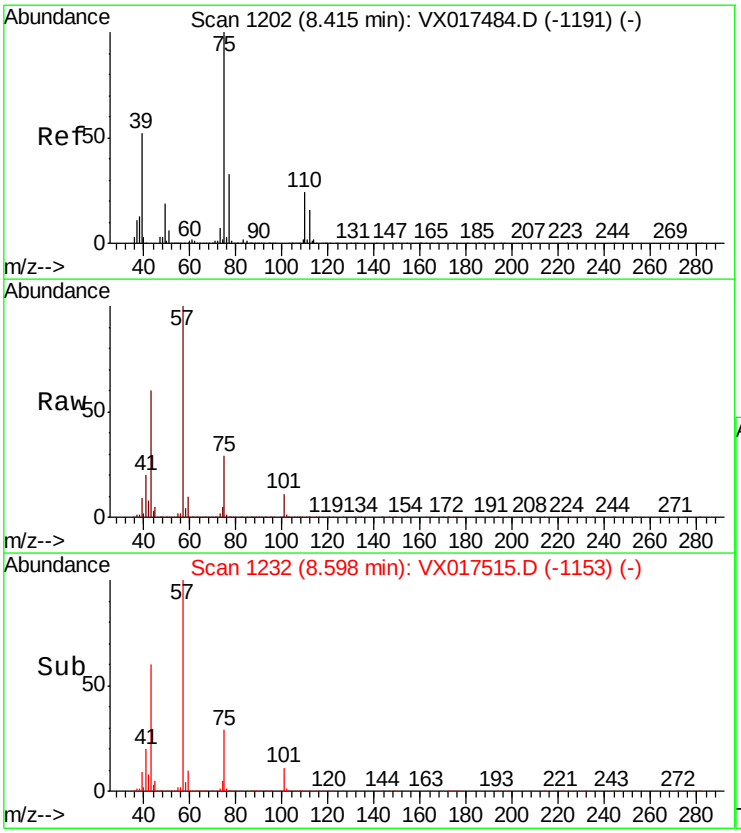
#51
4-Methyl-2-Pentanone
Concen: 17.991 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#05

Tgt Ion: 43 Resp: 149152

Ion	Ratio	Lower	Upper
43	100		
58	6.5	31.0	46.4#

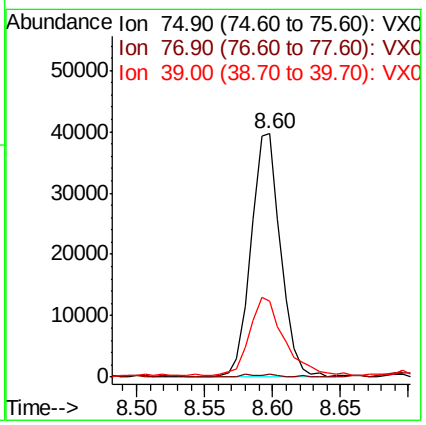


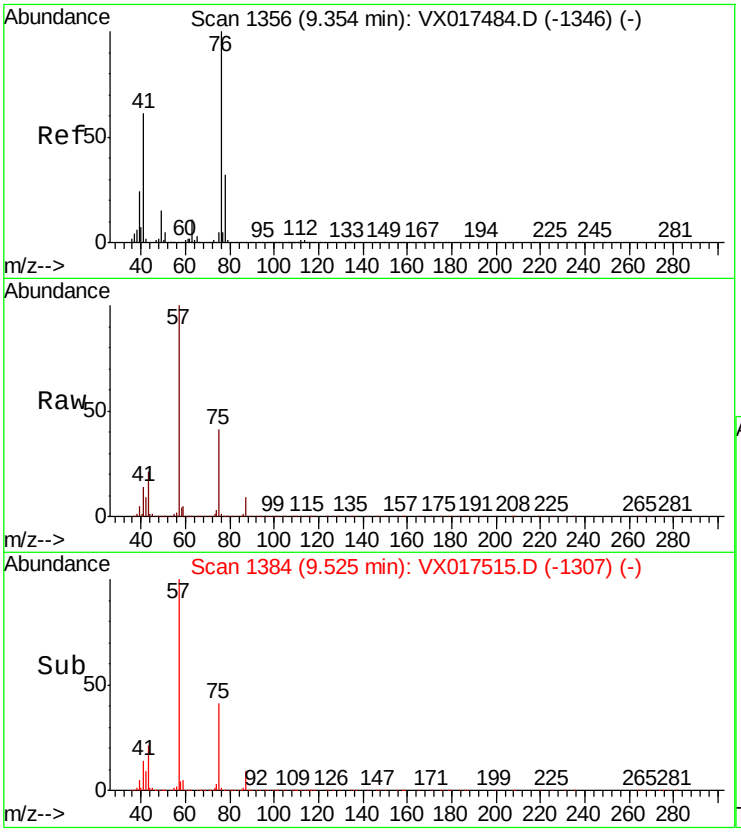


#54
cis-1,3-Dichloropropene
Concen: 6.137 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 75 Resp: 60954

Ion	Ratio	Lower	Upper
75	100		
77	1.4	25.5	38.3#
39	30.3	41.8	62.8#



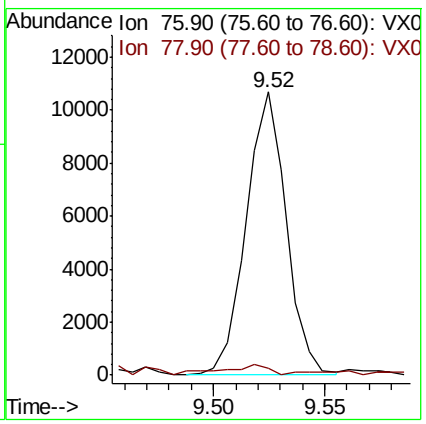


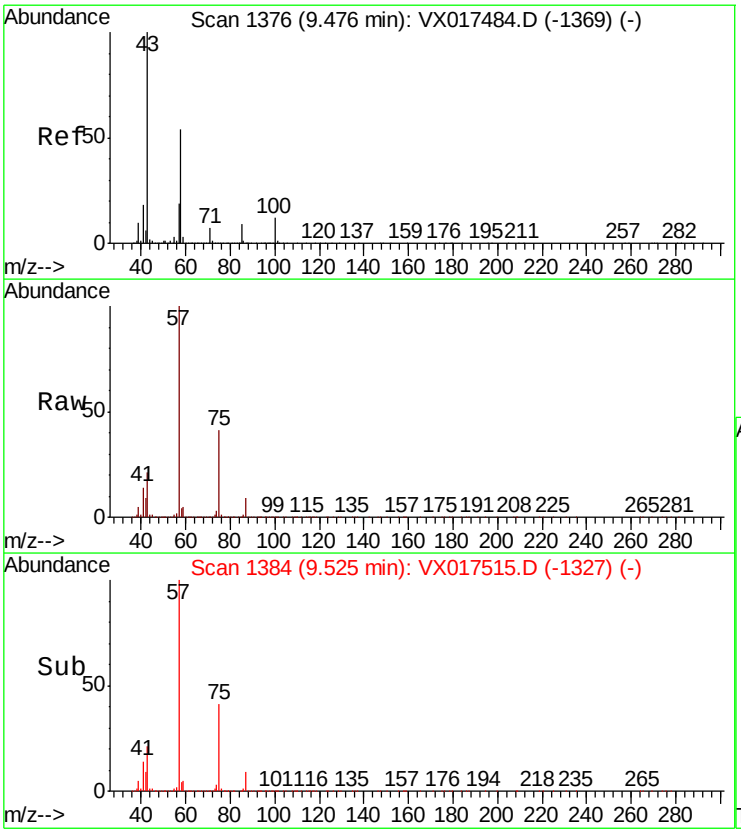
#57
1,3-Dichloropropane
Concen: 1.382 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Tgt Ion: 76 Resp: 13419

Ion	Ratio	Lower	Upper
76	100		
78	4.5	25.8	38.8#

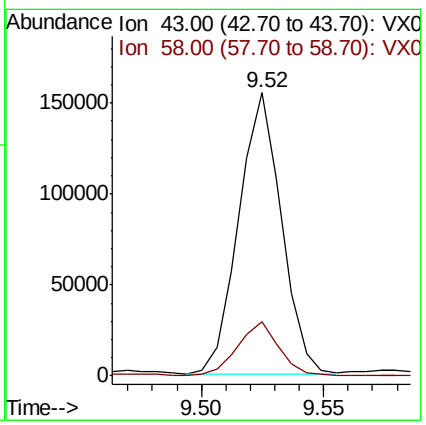


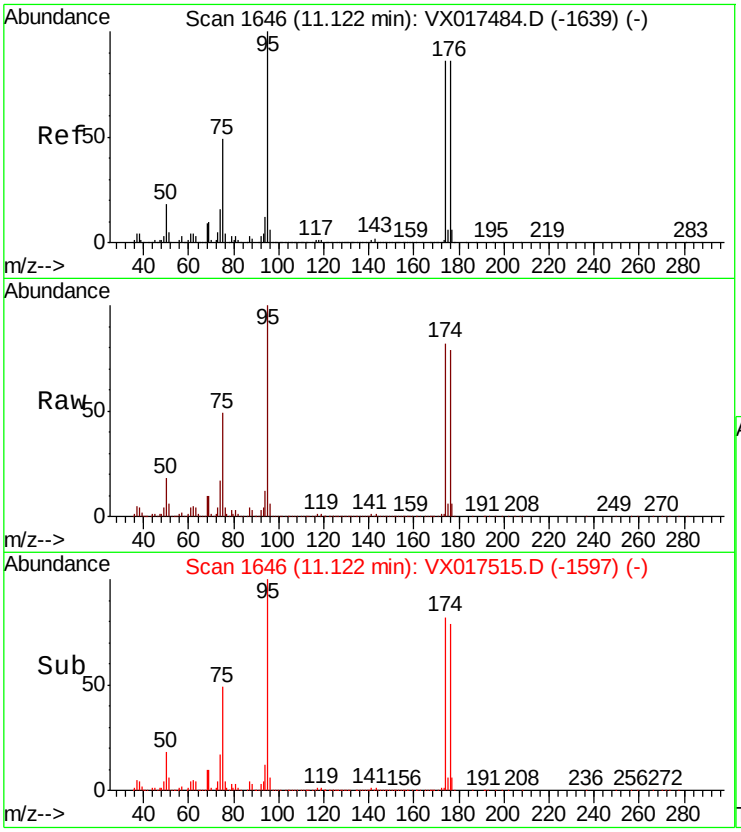


#59
2-Hexanone
Concen: 29.858 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 43 Resp: 186368

Ion	Ratio	Lower	Upper
43	100		
58	18.6	26.6	79.8#



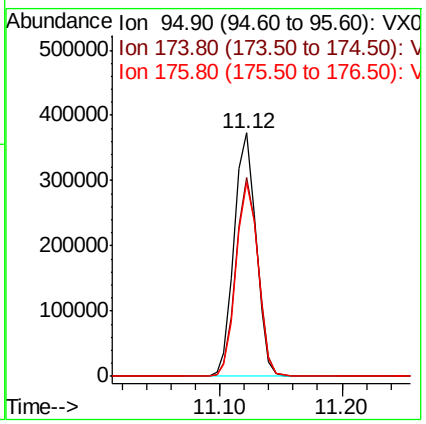


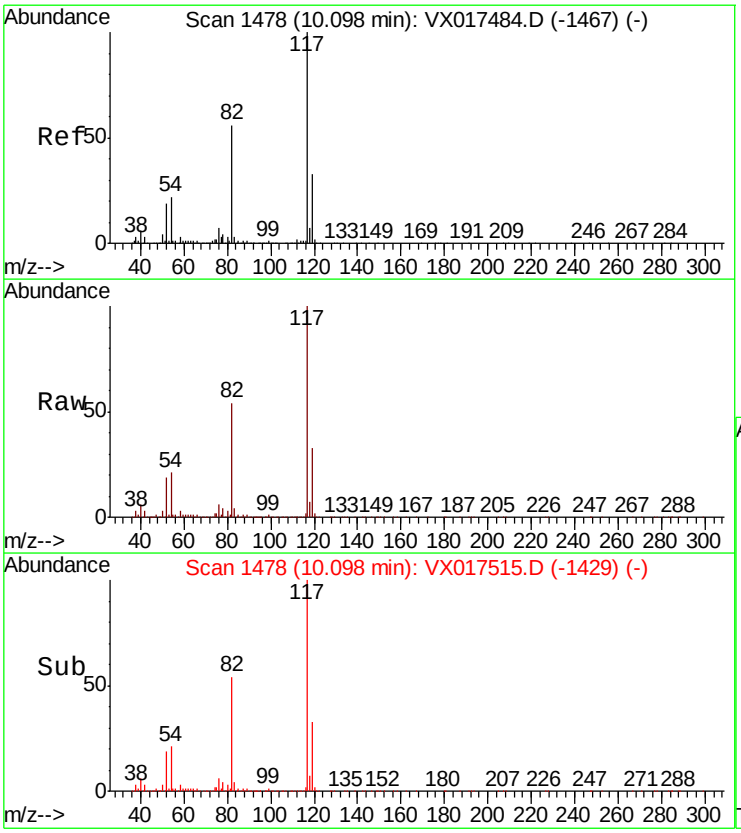
#62
4-Bromofluorobenzene
Concen: 59.805 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Tgt Ion: 95 Resp: 463415

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	169.0
176	79.6	0.0	161.0

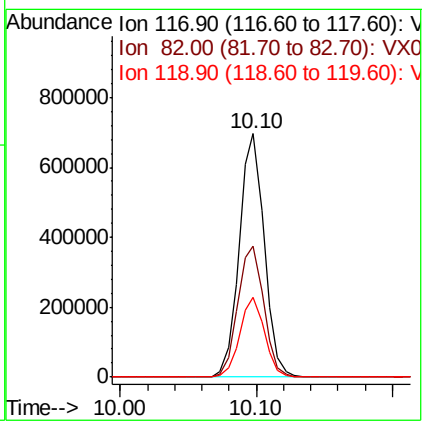


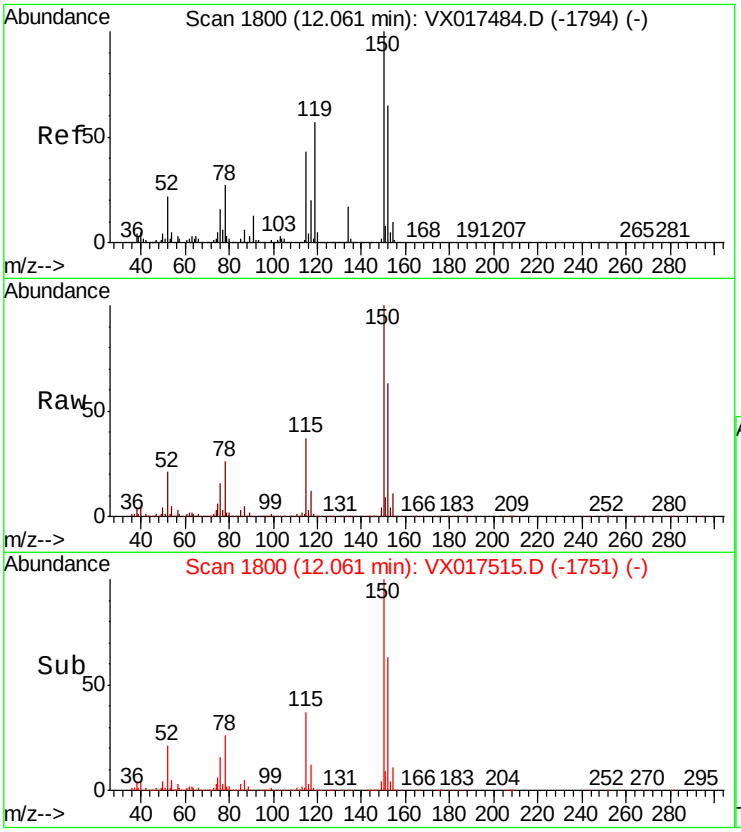


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion:117 Resp: 891825

Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.0	66.0
119	32.7	25.4	38.0



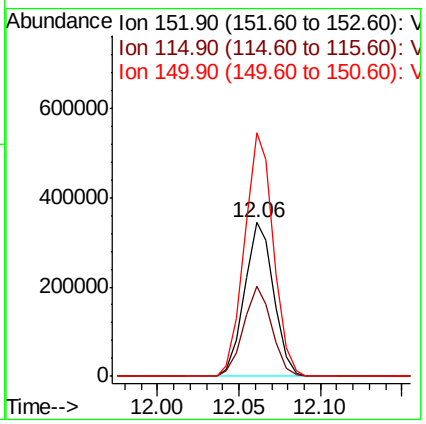


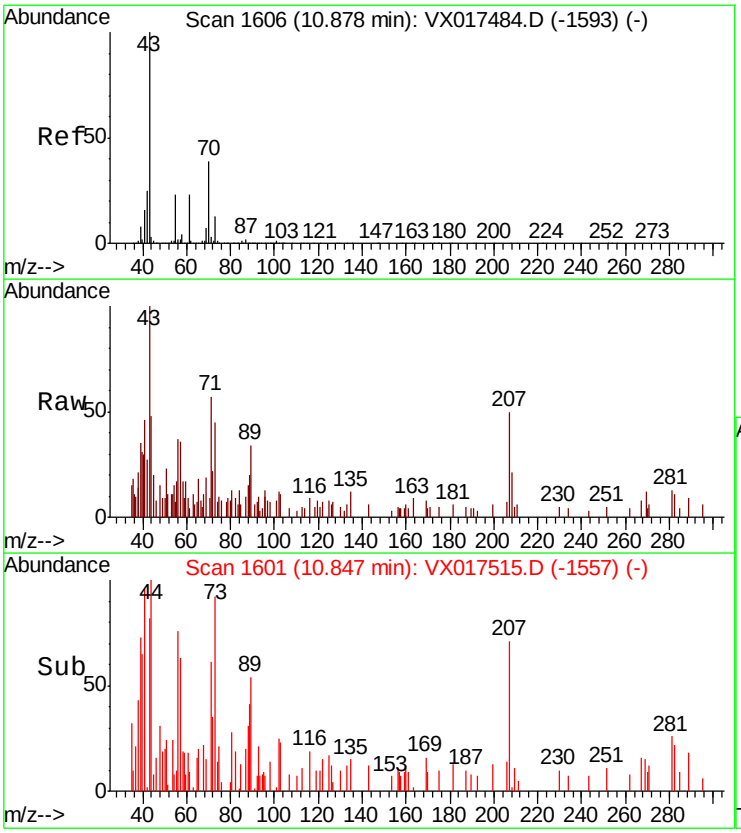
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#05

Tgt Ion:152 Resp: 429592

Ion	Ratio	Lower	Upper
152	100		
115	56.7	65.5	196.6#
150	156.6	0.0	412.6

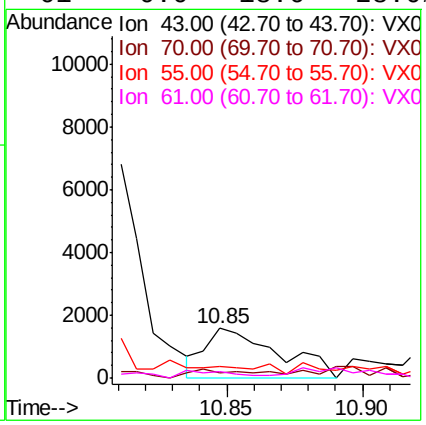


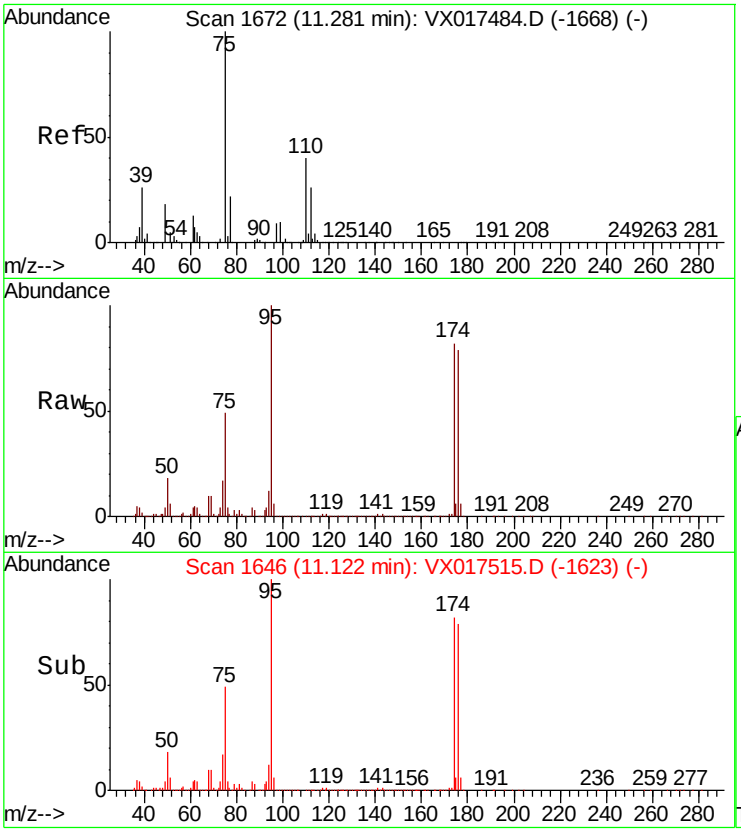


#74
N-amyl acetate
Concen: 0.221 ug/l
RT: 10.85 min Scan# 1601
Delta R.T. -0.03 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 43 Resp: 2893

Ion	Ratio	Lower	Upper
43	100		
70	16.2	32.3	48.5#
55	14.1	18.4	27.6#
61	0.0	18.6	28.0#



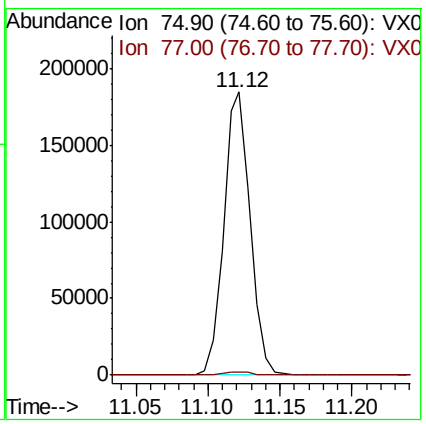


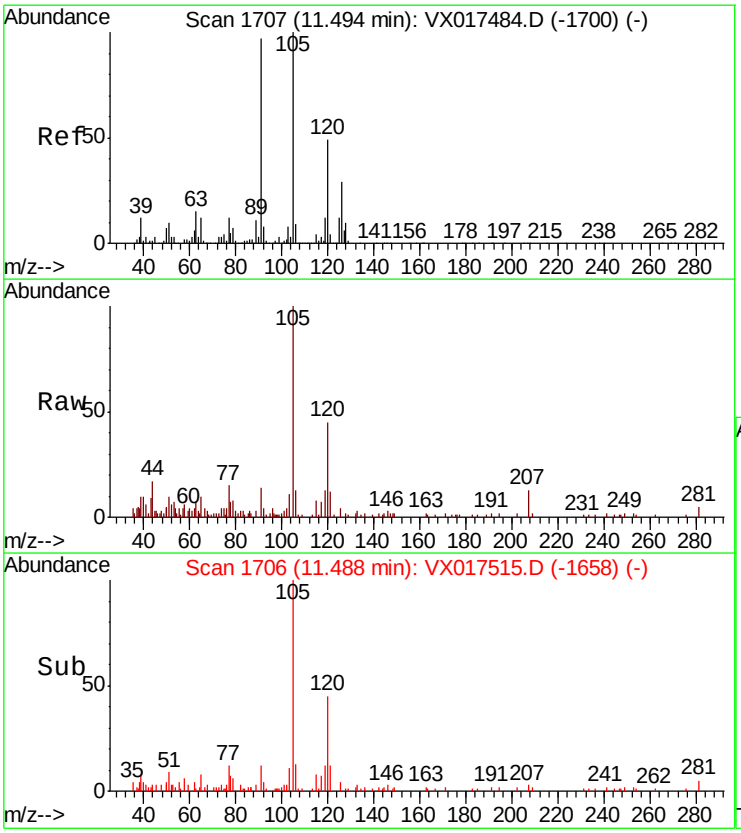
#76
1,2,3-Trichloropropane
Concen: 26.718 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Tgt Ion: 75 Resp: 236107

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.8	65.3#

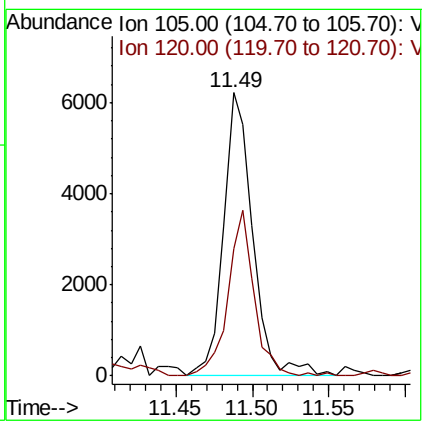


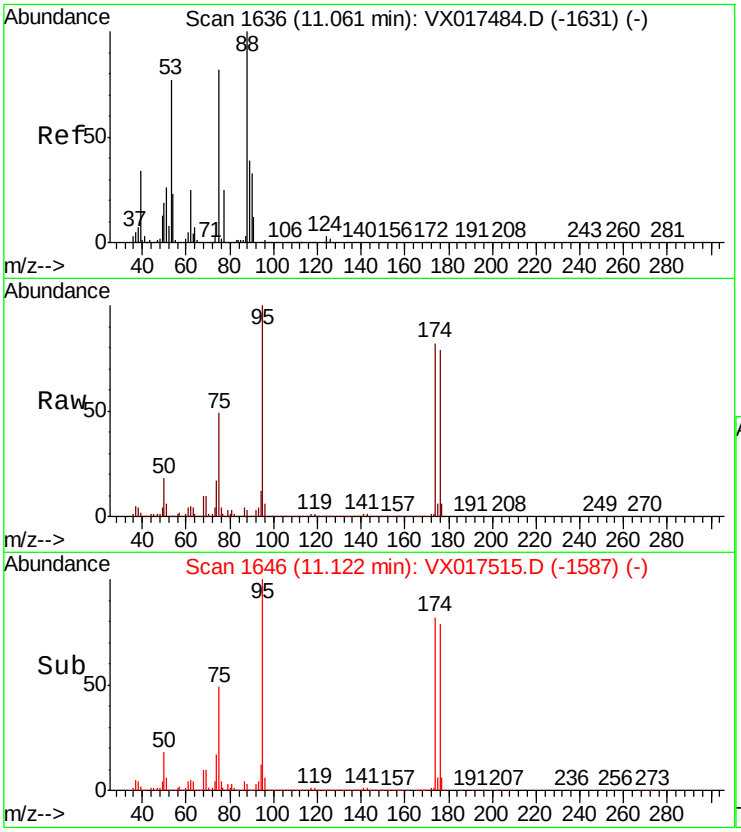


#80
1,3,5-Trimethylbenzene
Concen: 0.327 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion:105 Resp: 8222

Ion	Ratio	Lower	Upper
105	100		
120	52.0	24.1	72.3



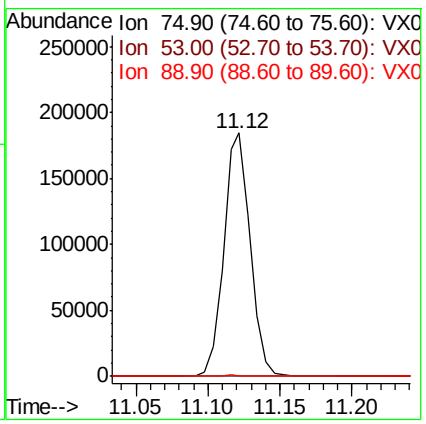


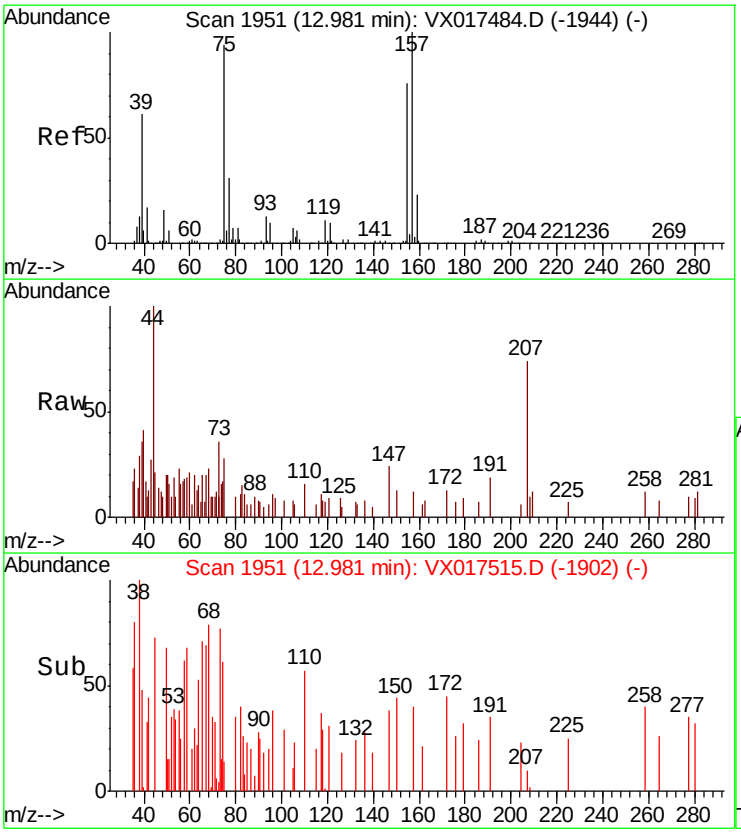
#81
trans-1,4-Dichloro-2-butene
Concen: 67.324 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#05

Tgt Ion: 75 Resp: 236107

Ion	Ratio	Lower	Upper
75	100		
53	0.4	75.9	113.9#
89	0.2	37.8	56.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.665 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX017515.D
Acq: 24 Jul 2020 01:06

Tgt Ion: 75 Resp: 243

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.3	126.8#
157	25.1	54.3	162.9#