Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072320\
Data File : VX017523.D
Acq On : 24 Jul 2020 04:08
Operator : JC/SP
Sample : PB130403ZHE#13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#13

Quant Time: Jul 24 06:07:57 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	474319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	817728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	915460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	485612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	330134	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.36%			
35) Dibromofluoromethane	5.47	113	277686	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.54%			
50) Toluene-d8	8.70	98	1050385	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.48%			
62) 4-Bromofluorobenzene	11.12	95	465041	58.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	502	Below Cal	#	60
3) Chloromethane	1.32	50	1120	0.556	ug/l #	69
5) Bromomethane	1.64	94	932	Below Cal	#	33
6) Chloroethane	1.71	64	372	Below Cal	#	20
8) Diethyl Ether	2.17	74	1800	Below Cal		66
11) Tert butyl alcohol	3.02	59	2126	1.656	ug/l #	76
13) Acrolein	2.26	56	835	4.986	ug/l #	81
16) Acetone	2.42	43	75387	28.112	ug/l	94
18) Methyl Acetate	2.75	43	7825	1.239	ug/l #	84
20) Methylene Chloride	2.84	84	44727	7.771	ug/l	97
25) 2-Butanone	4.64	43	14021	3.680	ug/l #	74
36) 1,1-Dichloropropene	5.63	75	34848	4.443	ug/l #	55
37) Ethyl Acetate	4.64	43	14021	1.634	ug/l #	69
38) Carbon Tetrachloride	5.63	117	48884	5.133	ug/l #	19
43) Isopropyl Acetate	6.42	43	160330	11.324	ug/l	100
48) Methyl methacrylate	7.85	41	262320	37.377	ug/l #	46
49) 1,4-Dioxane	7.73	88	193	1.434	ug/l #	22
51) 4-Methyl-2-Pentanone	8.60	43	164205	19.438	ug/l #	47
54) cis-1,3-Dichloropropene	8.59	75	64934	6.416	ug/l #	60
57) 1,3-Dichloropropane	9.52	76	12259	1.239	ug/l #	42
59) 2-Hexanone	9.52	43	171816	27.014	ug/l #	53
76) 1,2,3-Trichloropropane	11.12	75	232061	23.231	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.49	105	12793	0.450	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.12	75	232061	58.537	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.97	75	249	2.657	ug/l #	42

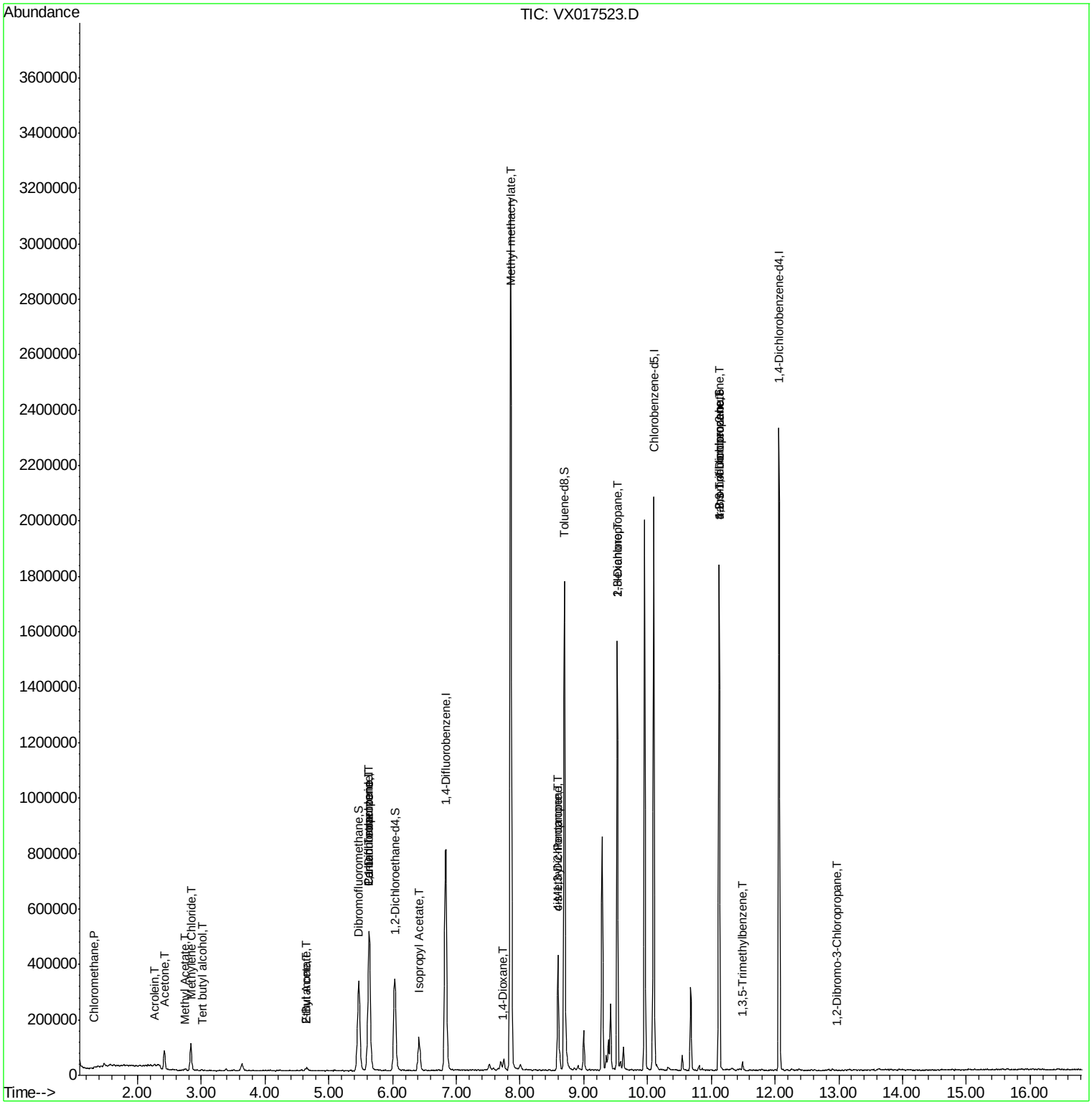
(#) = qualifier out of range (m) = manual integration (+) = signals summed

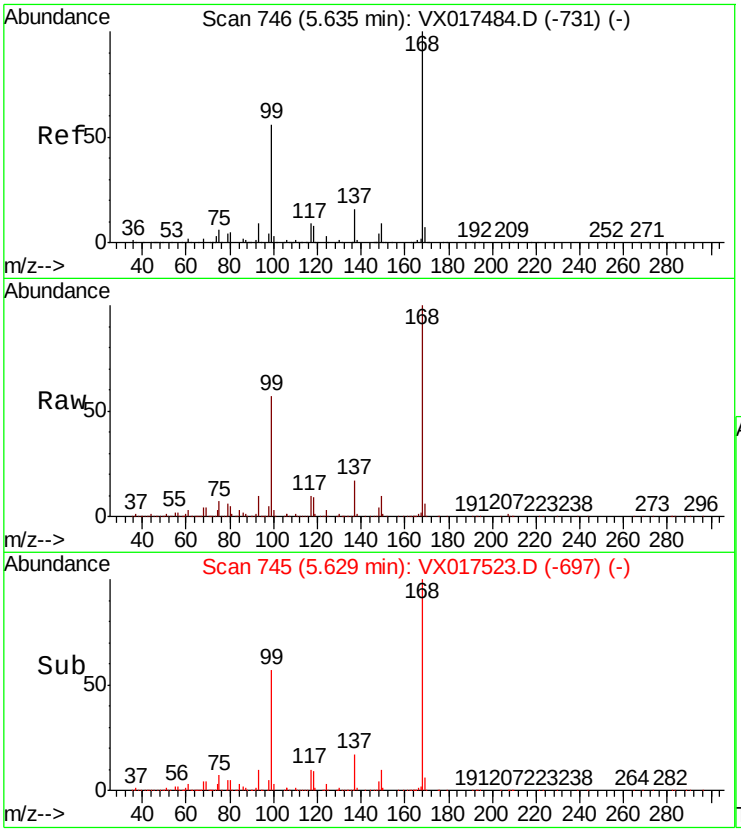
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072320\
Data File : VX017523.D
Acq On : 24 Jul 2020 04:08
Operator : JC/SP
Sample : PB130403ZHE#13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Quant Time: Jul 24 06:07:57 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



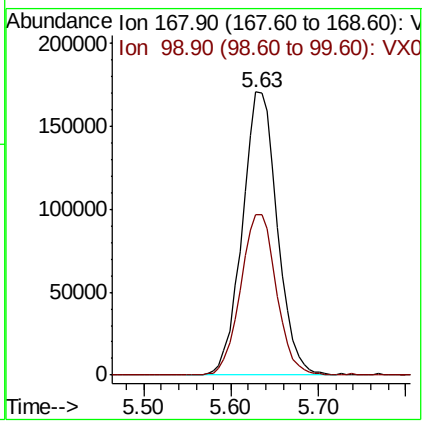


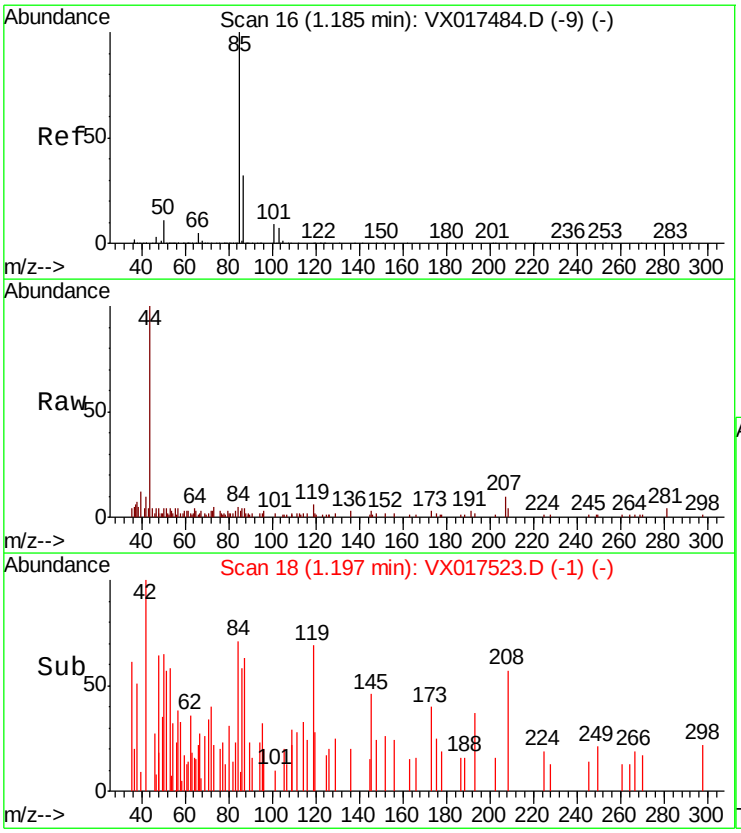
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#13

Tgt Ion:168 Resp: 474319

Ion	Ratio	Lower	Upper
168	100		
99	56.8	43.4	65.2

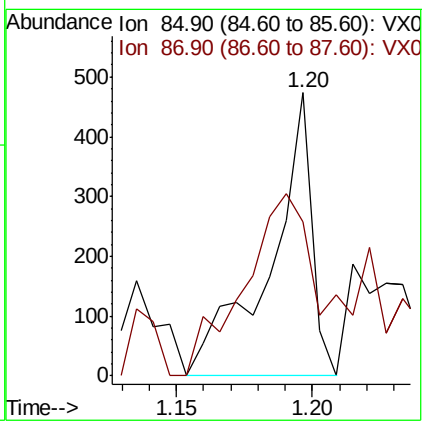


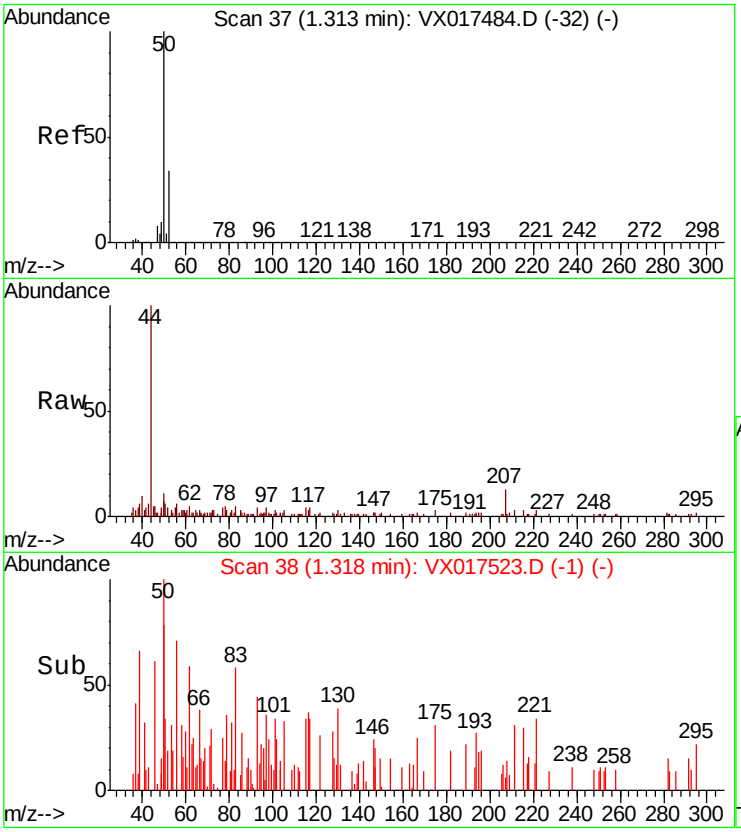


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 18
Delta R.T. 0.01 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 85 Resp: 502

Ion	Ratio	Lower	Upper
85	100		
87	54.3	16.1	48.3#



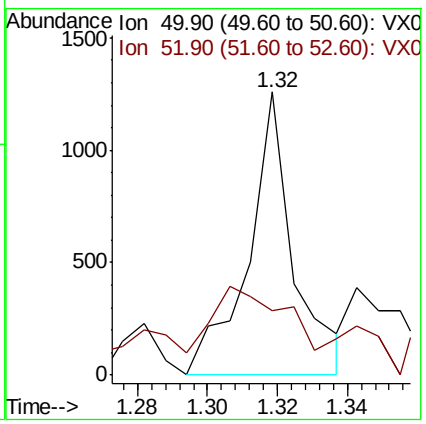


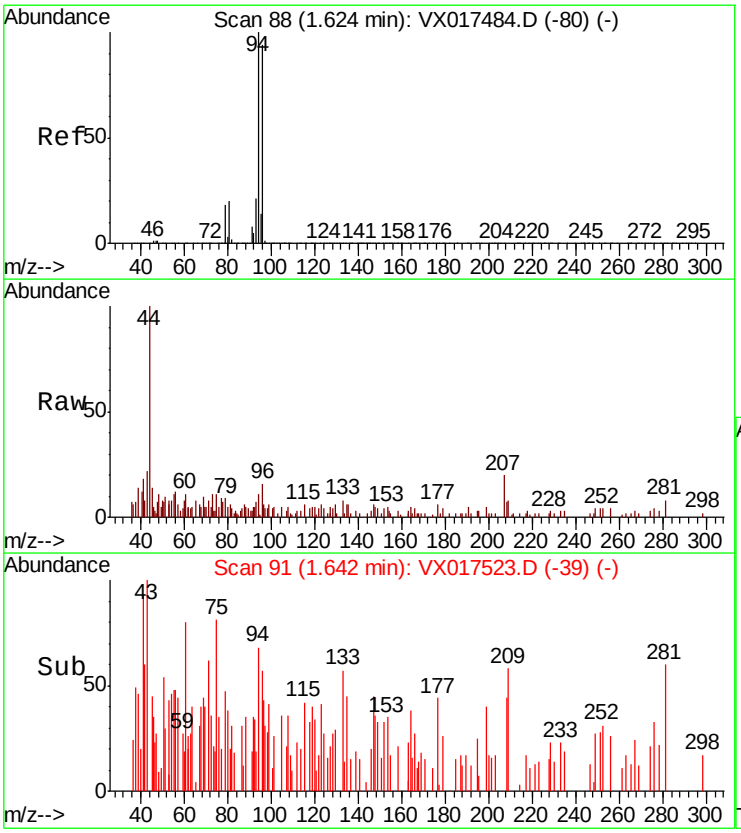
#3
Chloromethane
Concen: 0.556 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Tgt Ion: 50 Resp: 1120

Ion	Ratio	Lower	Upper
50	100		
52	15.2	25.9	38.9#

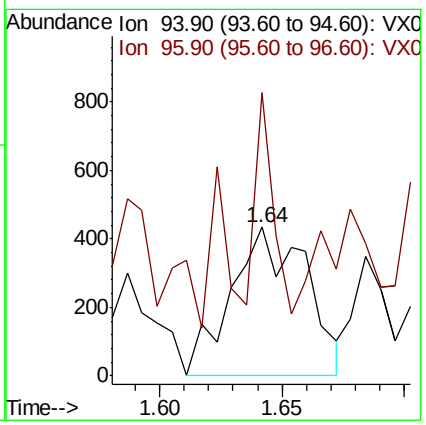


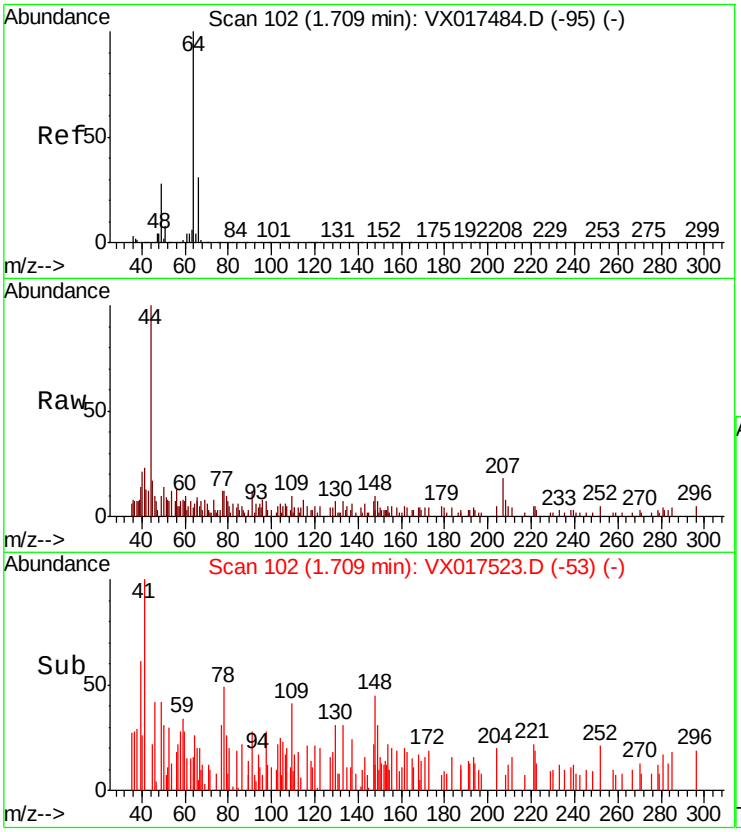


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 94 Resp: 932

Ion	Ratio	Lower	Upper
94	100		
96	156.4	74.1	111.1#



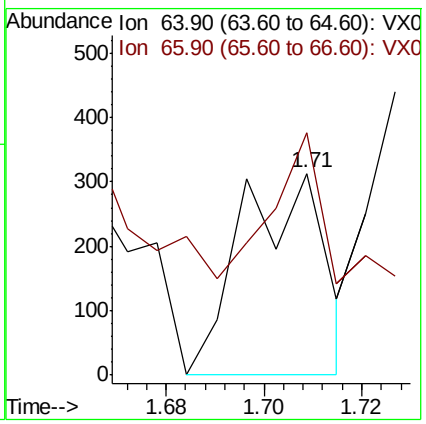


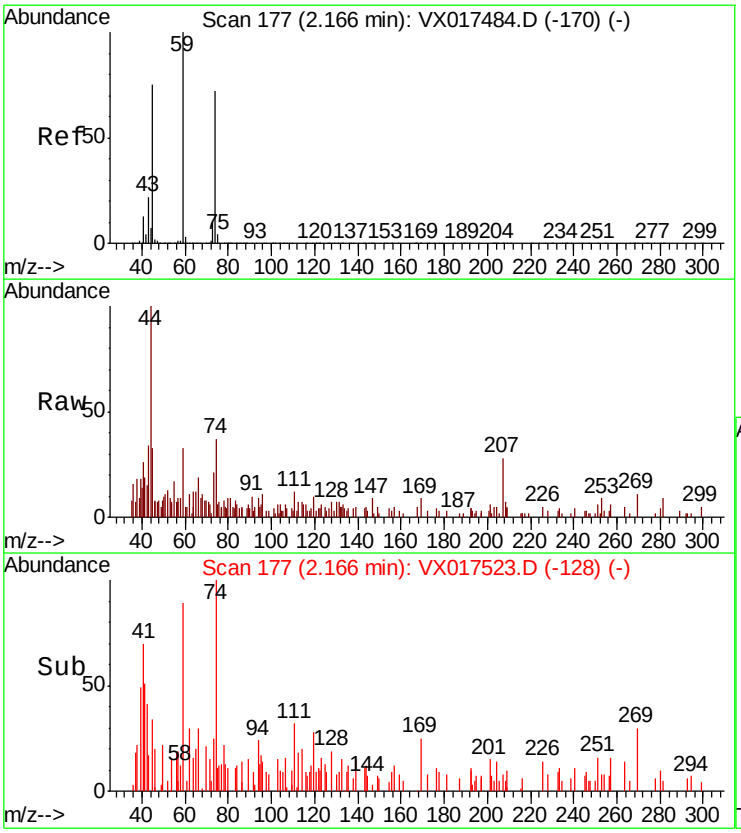
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 102
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Tgt Ion: 64 Resp: 372

Ion	Ratio	Lower	Upper
64	100		
66	75.4	24.9	37.3#

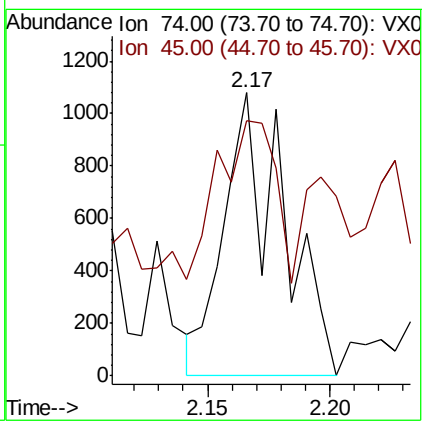


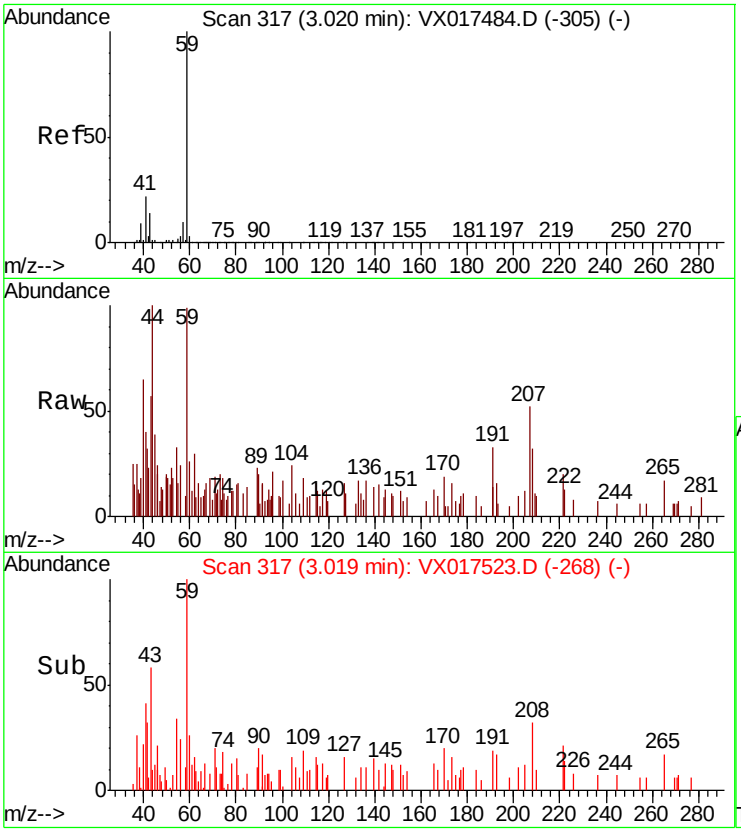


#8
Diethyl Ether
Concen: Below Cal
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 74 Resp: 1800

Ion	Ratio	Lower	Upper
74	100		
45	67.3	50.8	152.5



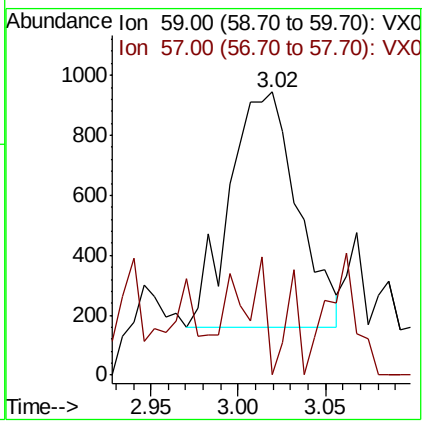


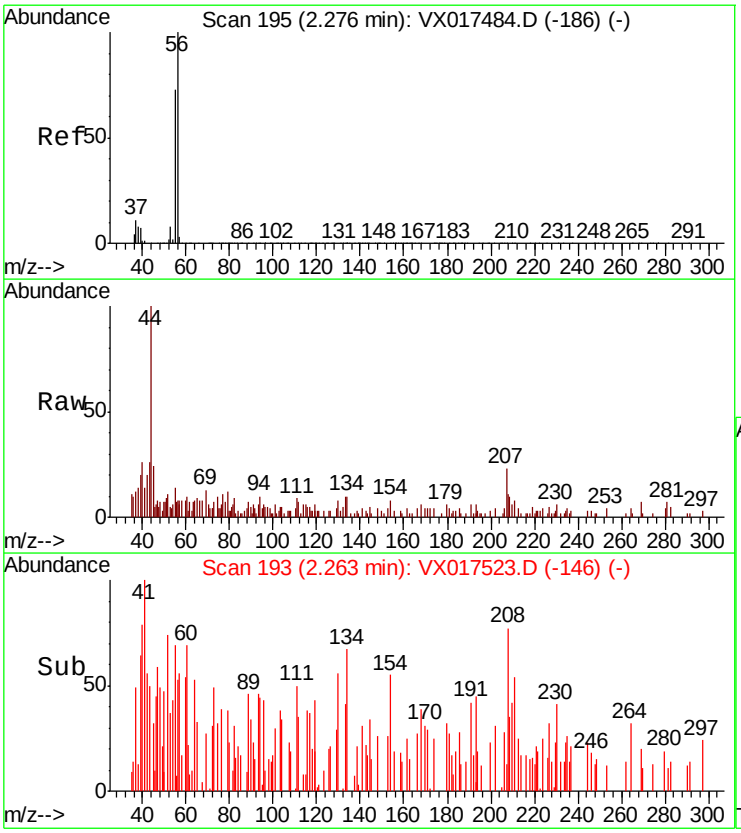
#11
Tert butyl alcohol
Concen: 1.656 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Tgt Ion: 59 Resp: 2126

Ion	Ratio	Lower	Upper
59	100		
57	19.8	8.6	12.8#

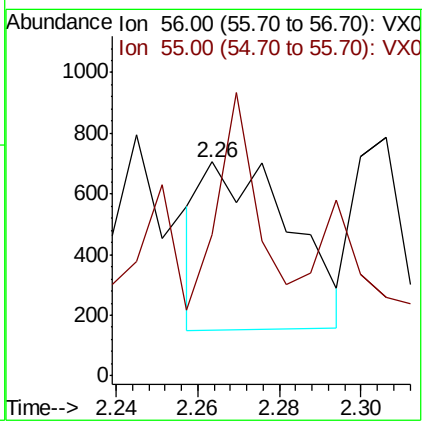


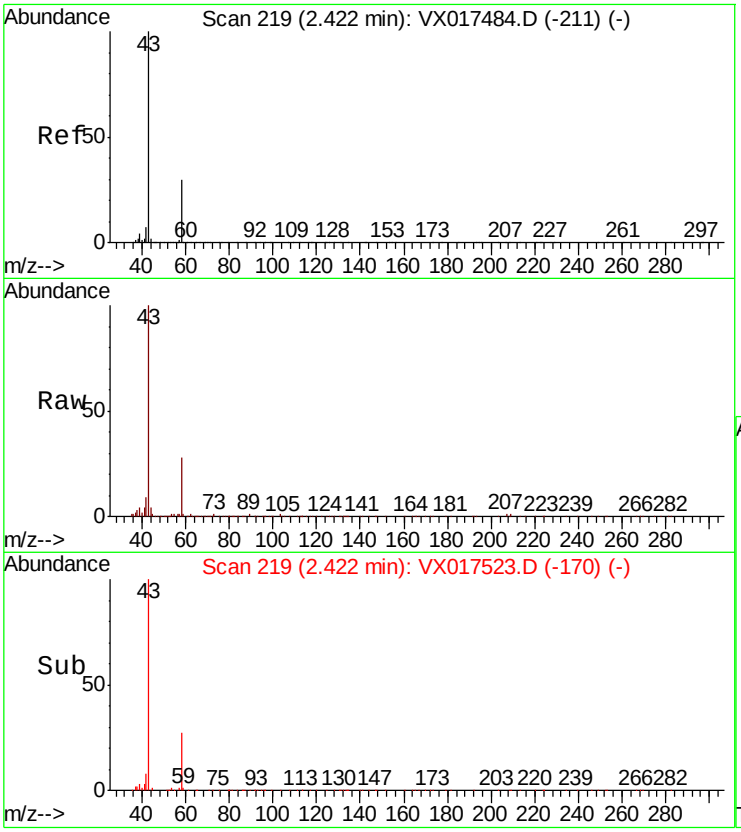


#13
Acrolein
Concen: 4.986 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 56 Resp: 835

Ion	Ratio	Lower	Upper
56	100		
55	55.9	57.4	86.2#



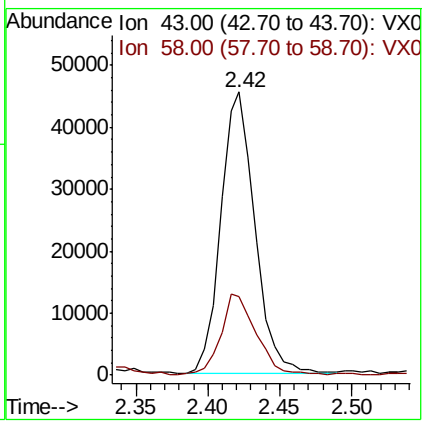


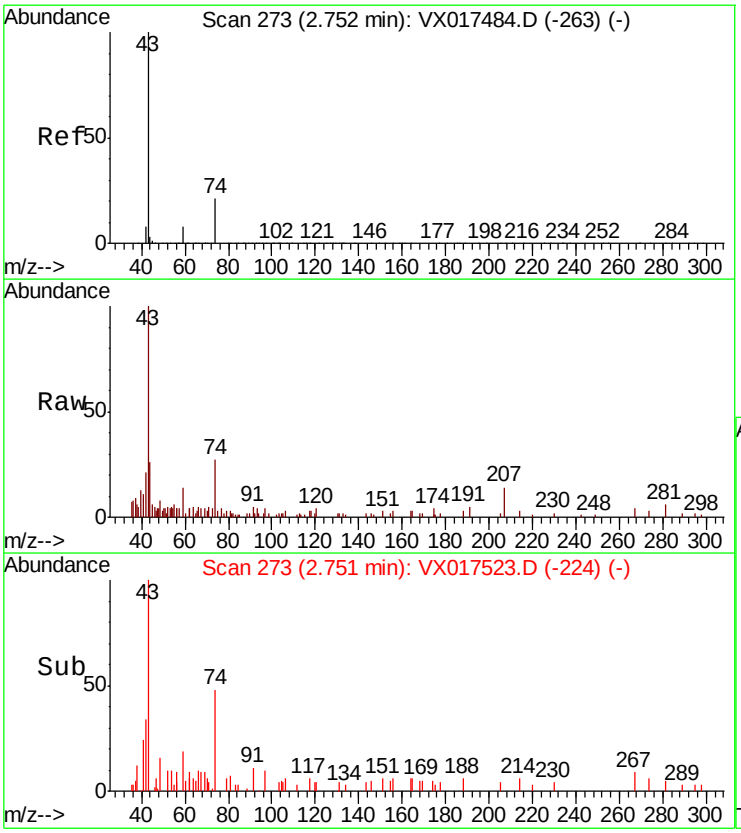
#16
Acetone
Concen: 28.112 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Tgt Ion: 43 Resp: 75387

Ion	Ratio	Lower	Upper
43	100		
58	27.0	24.2	36.4

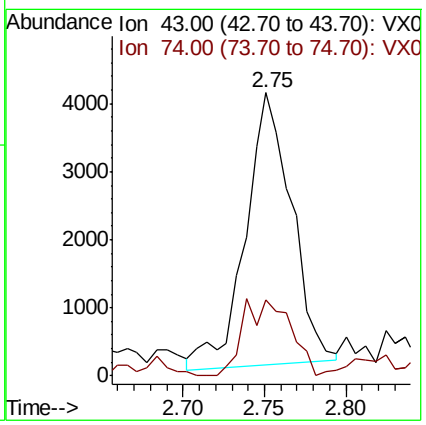


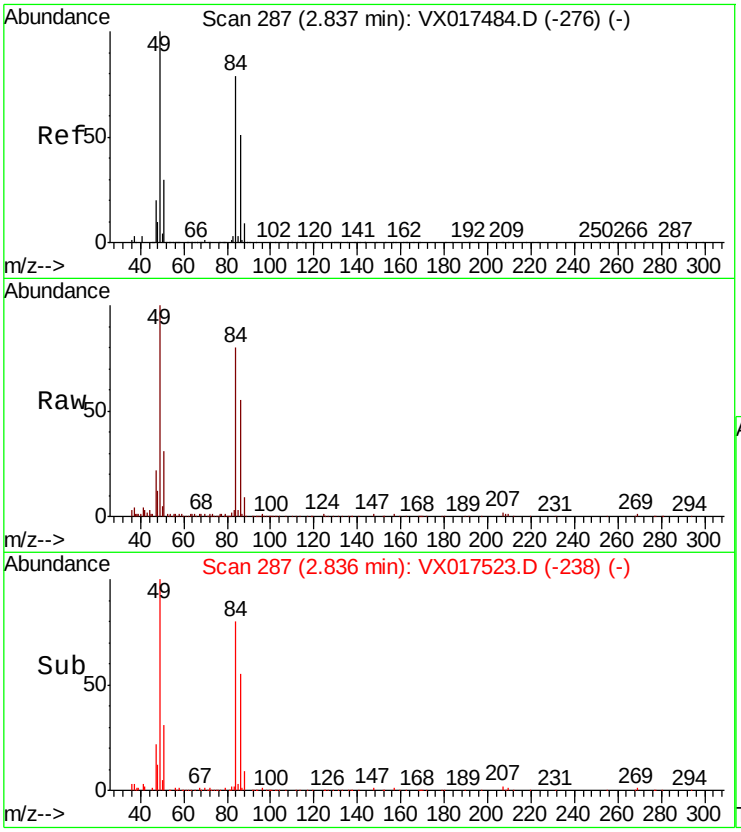


#18
Methyl Acetate
Concen: 1.239 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 43 Resp: 7825

Ion	Ratio	Lower	Upper
43	100		
74	29.3	17.5	26.3#



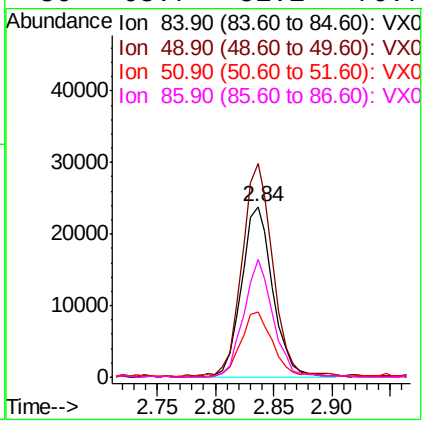


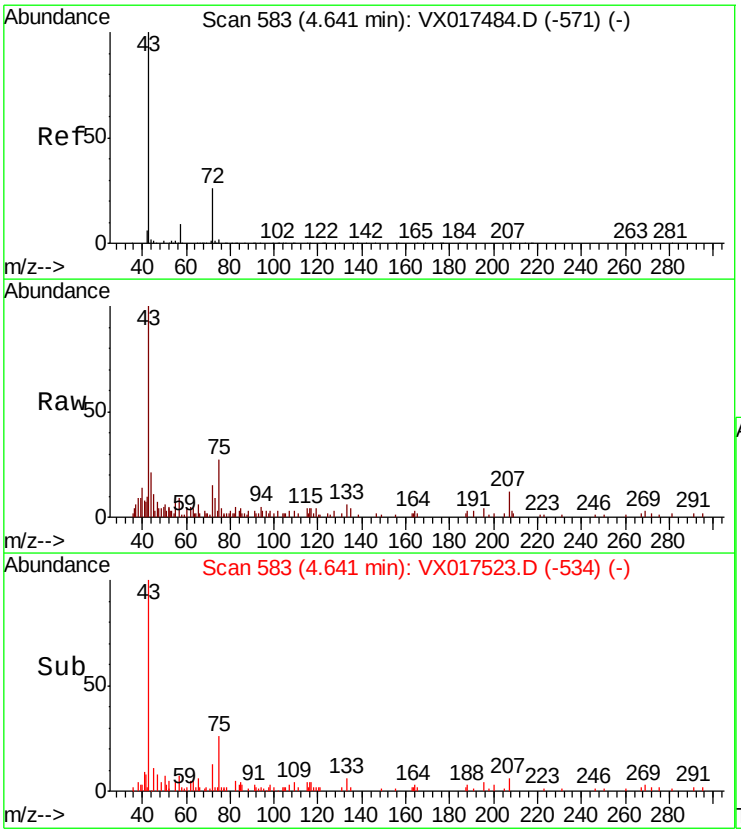
#20
Methylene Chloride
Concen: 7.771 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#13

Tgt Ion: 84 Resp: 44727

Ion	Ratio	Lower	Upper
84	100		
49	123.5	100.3	150.5
51	37.1	30.5	45.7
86	68.7	51.1	76.7

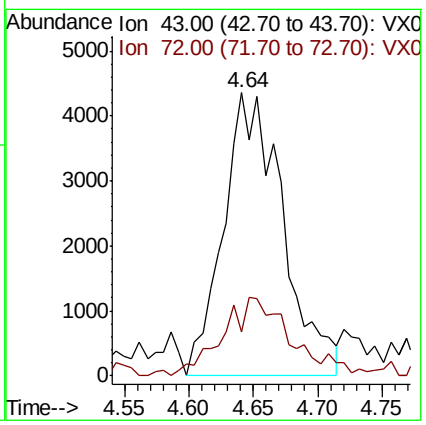


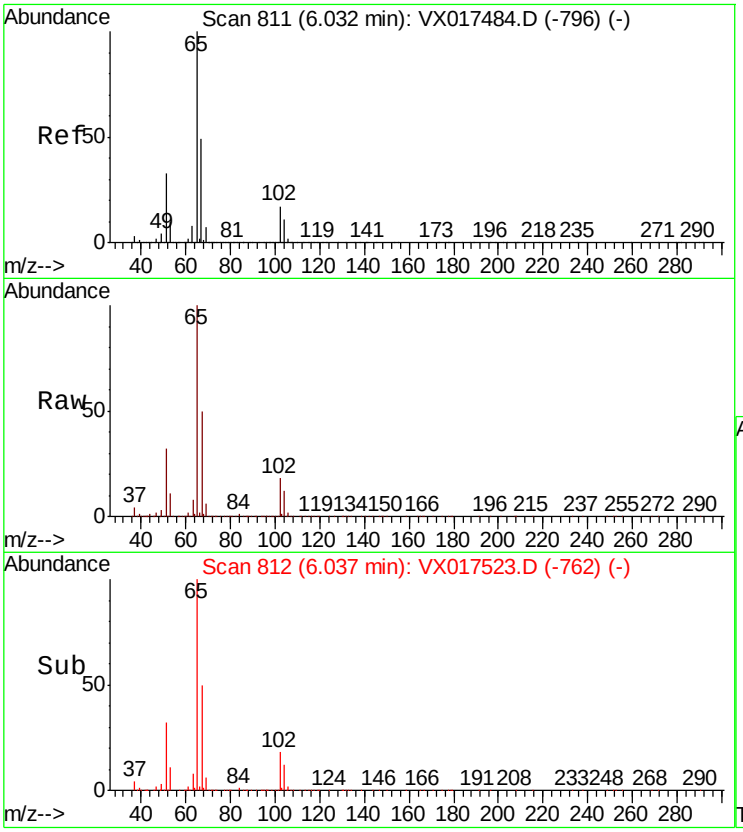


#25
2-Butanone
Concen: 3.680 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 43 Resp: 14021

Ion	Ratio	Lower	Upper
43	100		
72	11.1	19.0	28.4#



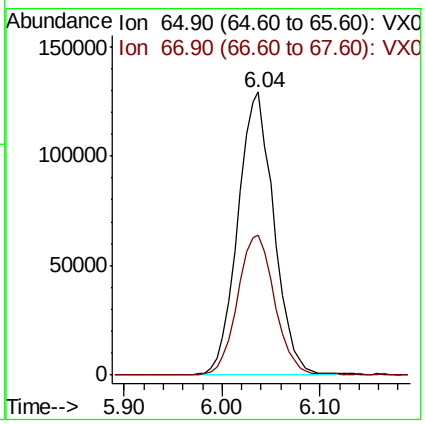


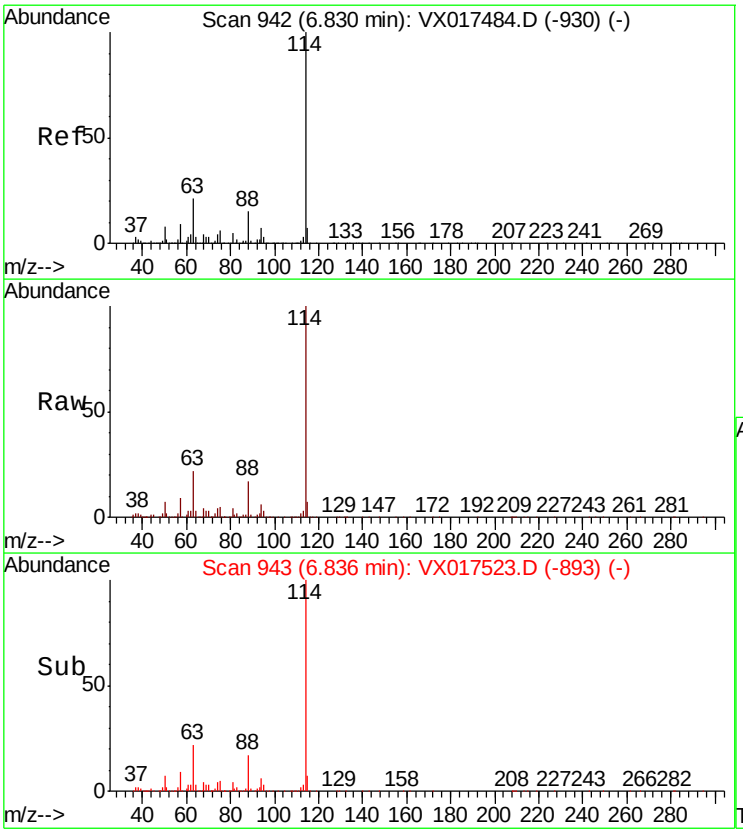
#33
1,2-Dichloroethane-d4
Concen: 54.184 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Tgt Ion: 65 Resp: 330134

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.8

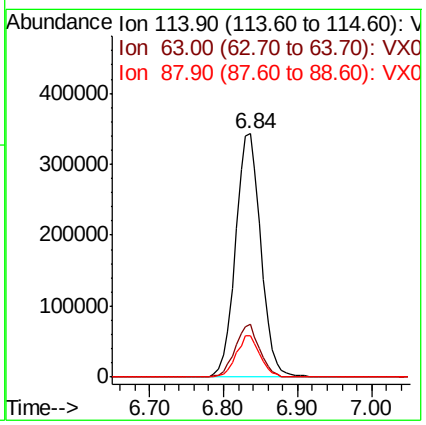


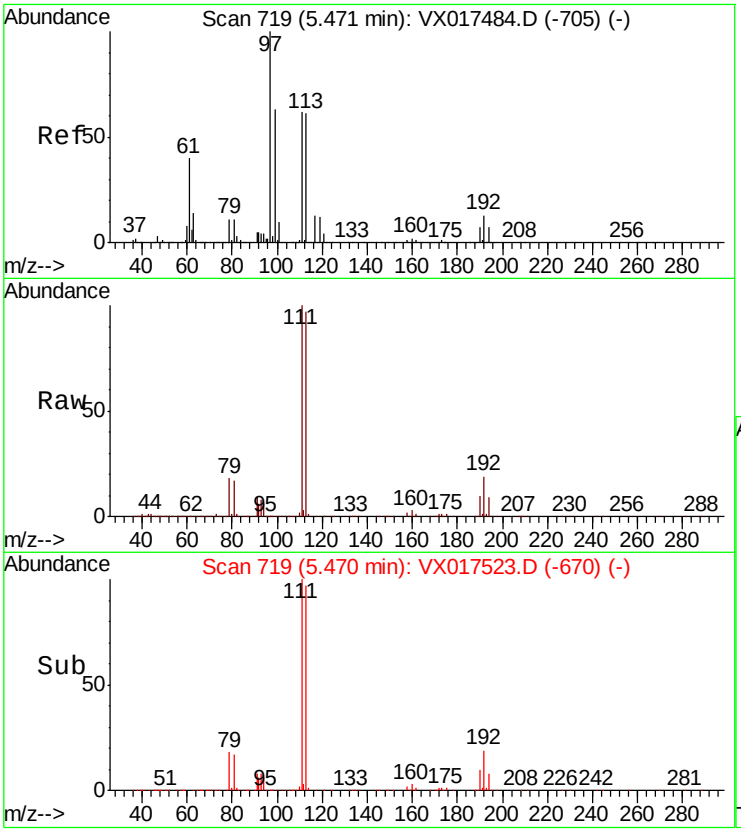


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion:114 Resp: 817728

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	40.6
88	16.8	0.0	33.4



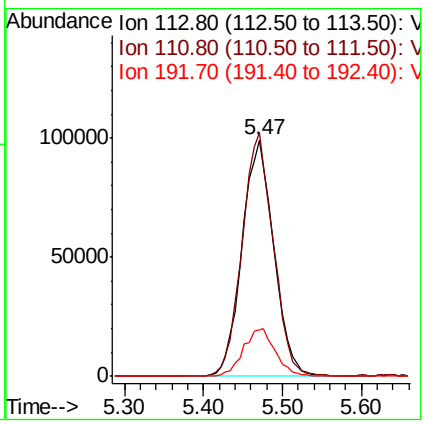


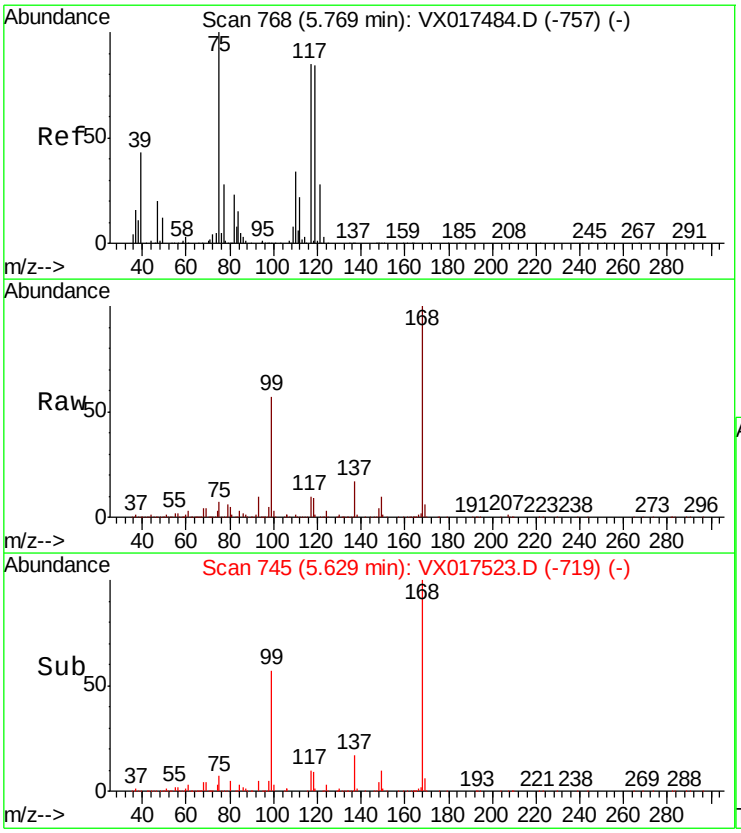
#35
Dibromofluoromethane
Concen: 50.774 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Tgt Ion:113 Resp: 277686

Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.7	121.1
192	20.3	16.9	25.3

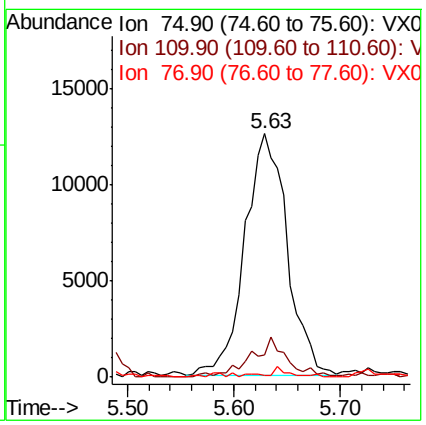


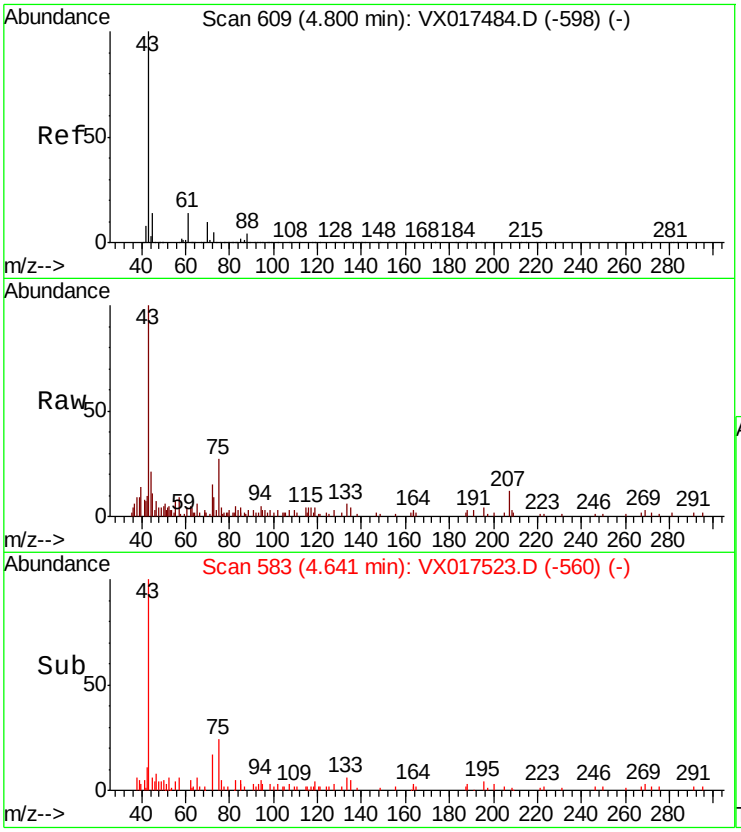


#36
1,1-Dichloropropene
Concen: 4.443 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 75 Resp: 34848

Ion	Ratio	Lower	Upper
75	100		
110	14.3	18.1	54.3#
77	1.7	24.6	37.0#



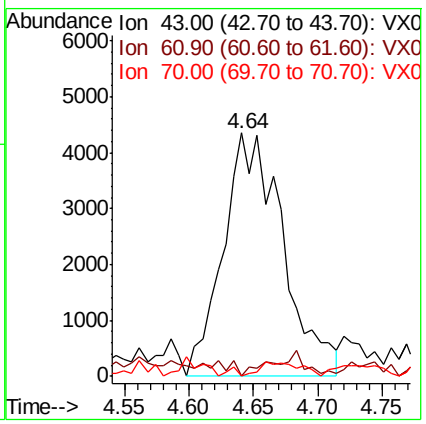


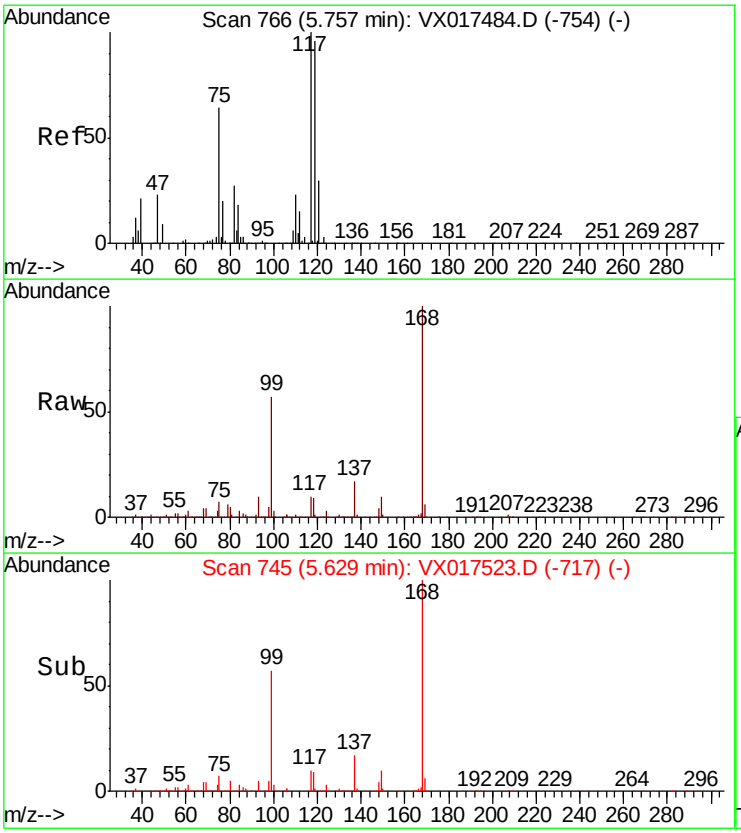
#37
Ethyl Acetate
Concen: 1.634 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.16 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#13

Tgt Ion: 43 Resp: 14021

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.4	8.5	12.7#

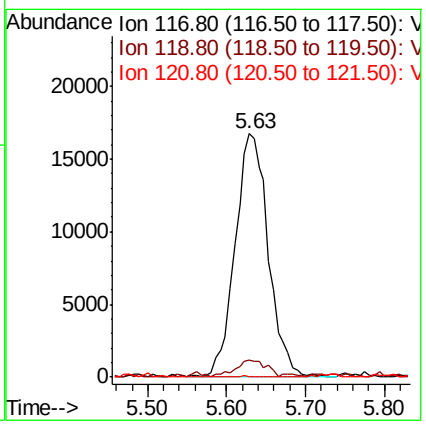


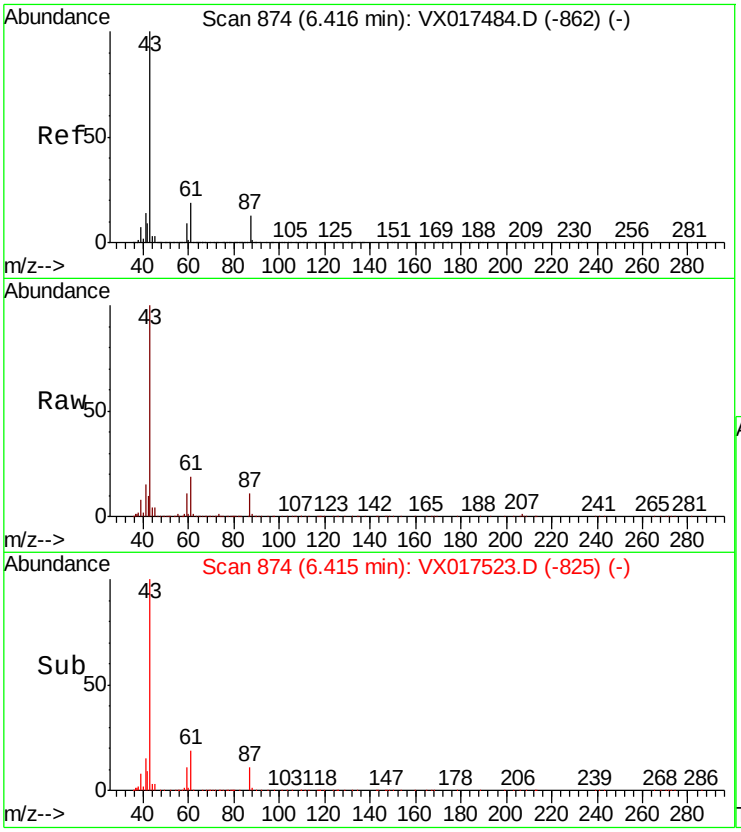


#38
Carbon Tetrachloride
Concen: 5.133 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion:117 Resp: 48884

Ion	Ratio	Lower	Upper
117	100		
119	7.2	75.4	113.0#
121	0.4	24.3	36.5#



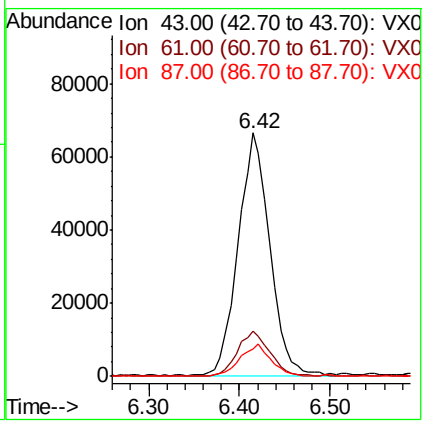


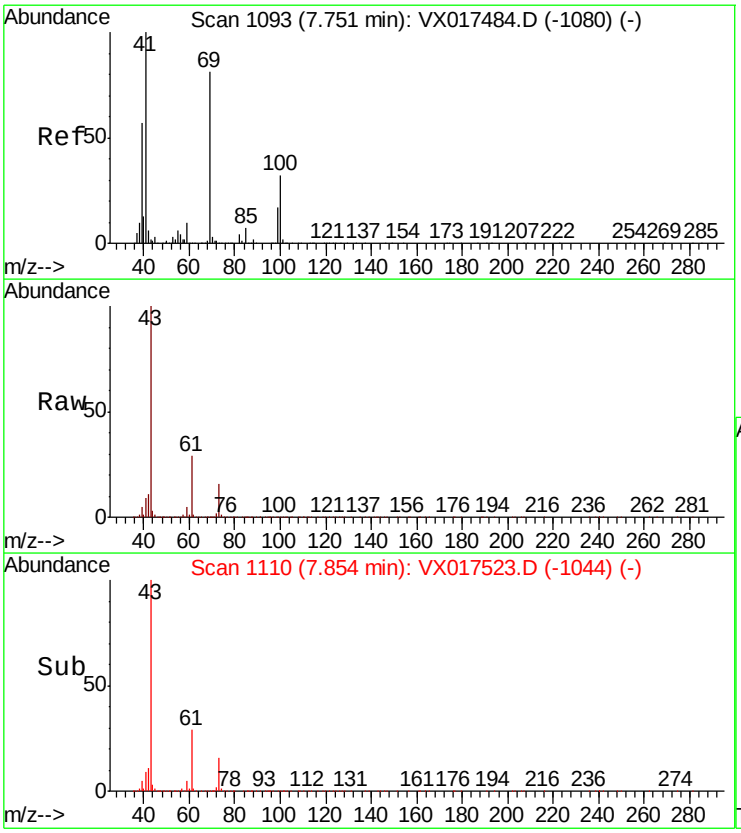
#43
Isopropyl Acetate
Concen: 11.324 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#13

Tgt Ion: 43 Resp: 160330

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.5	23.3
87	13.1	10.5	15.7

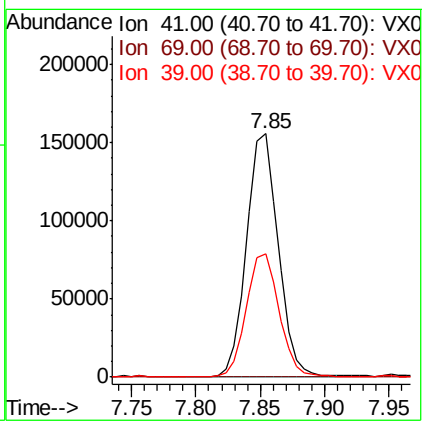


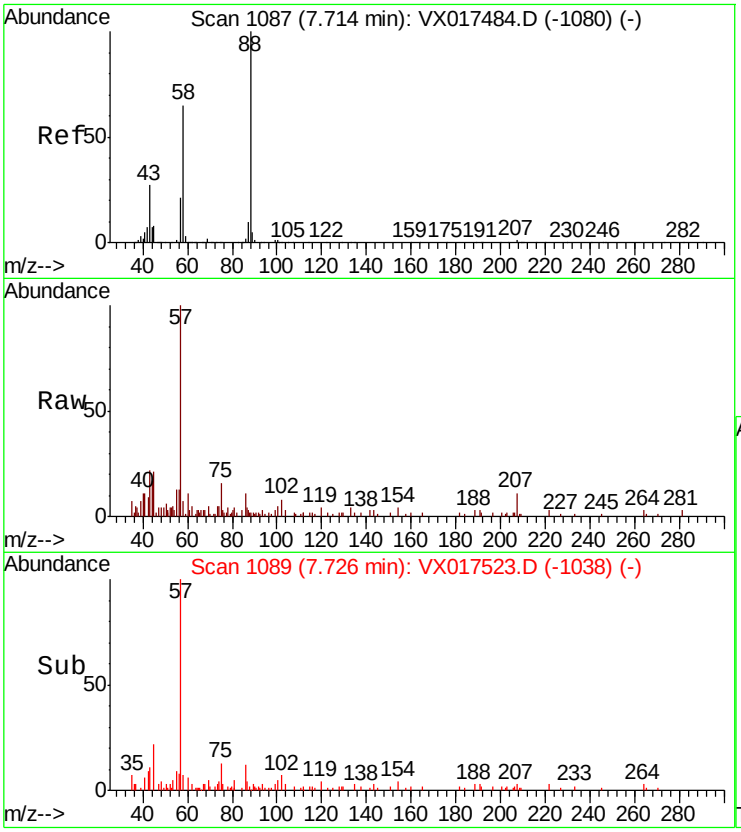


#48
Methyl methacrylate
Concen: 37.377 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.10 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 41 Resp: 262320

Ion	Ratio	Lower	Upper
41	100		
69	0.5	63.1	94.7#
39	53.2	45.1	67.7



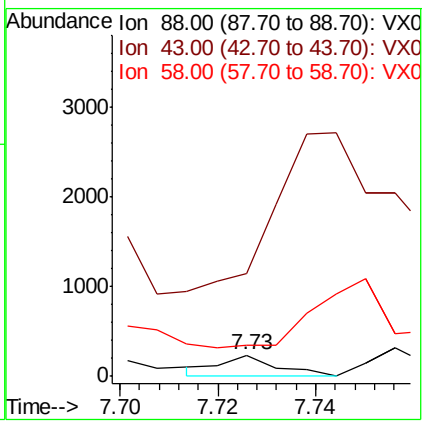


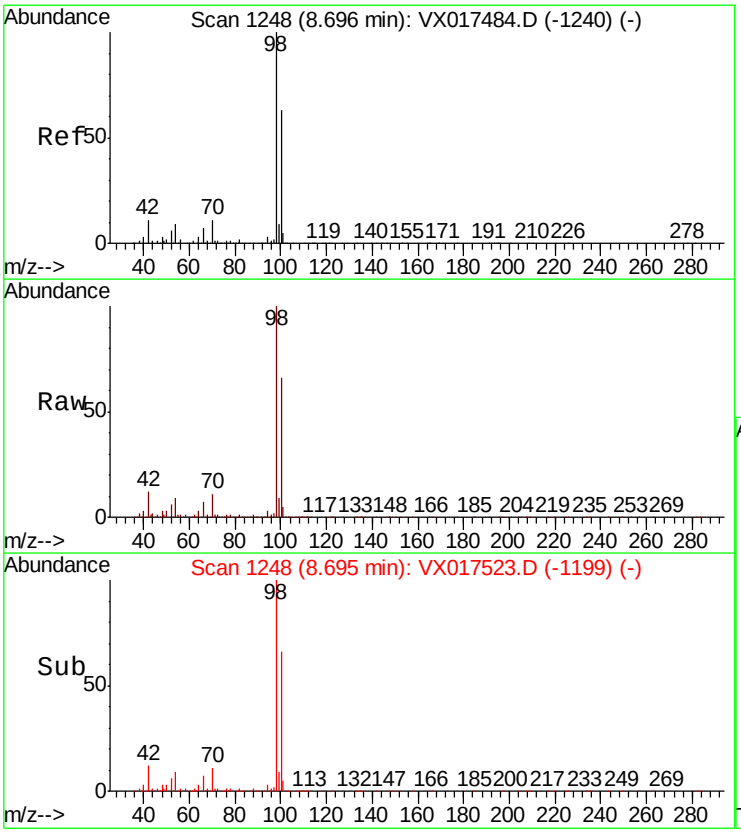
#49
1,4-Dioxane
Concen: 1.434 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Tgt Ion: 88 Resp: 193

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

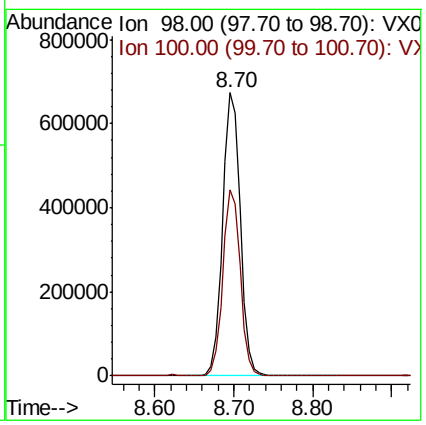


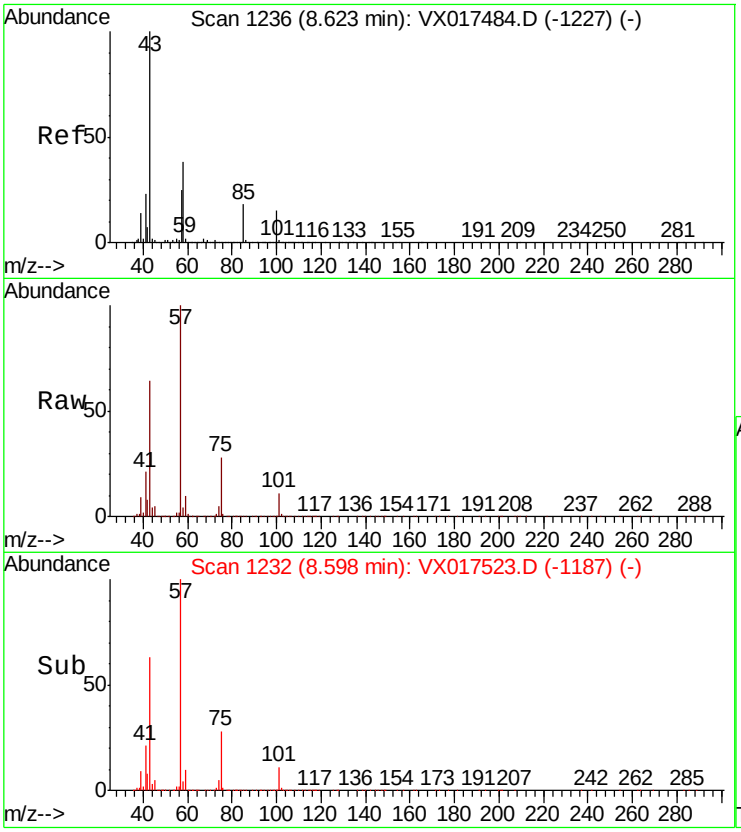


#50
Toluene-d8
Concen: 53.240 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 98 Resp: 1050385

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5



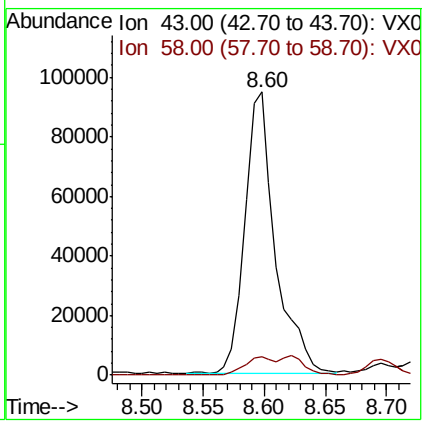


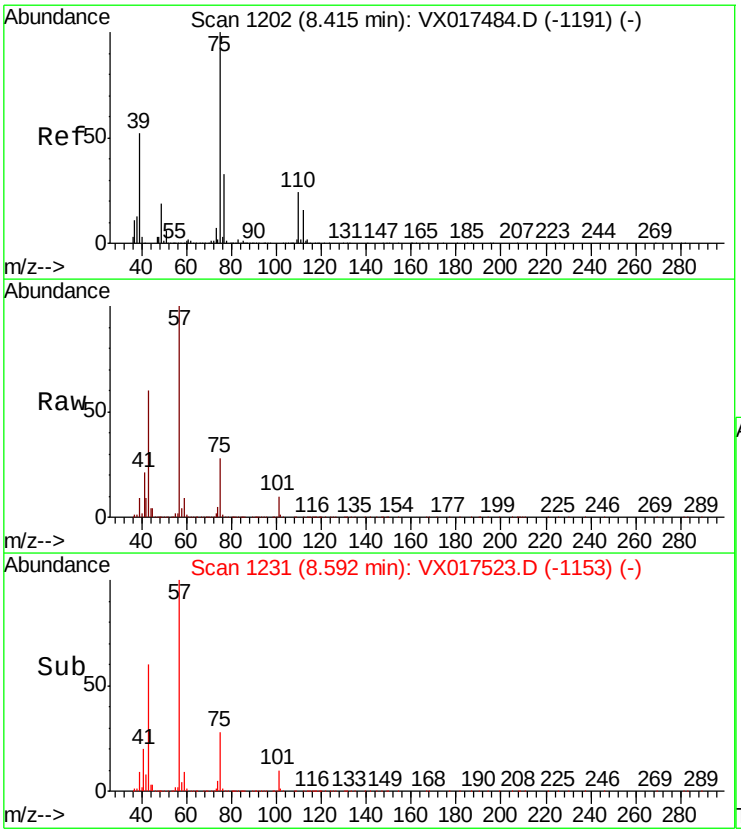
#51
4-Methyl-2-Pentanone
Concen: 19.438 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#13

Tgt Ion: 43 Resp: 164205

Ion	Ratio	Lower	Upper
43	100		
58	6.4	31.0	46.4#

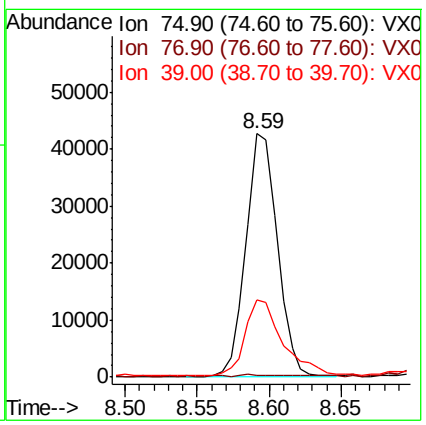


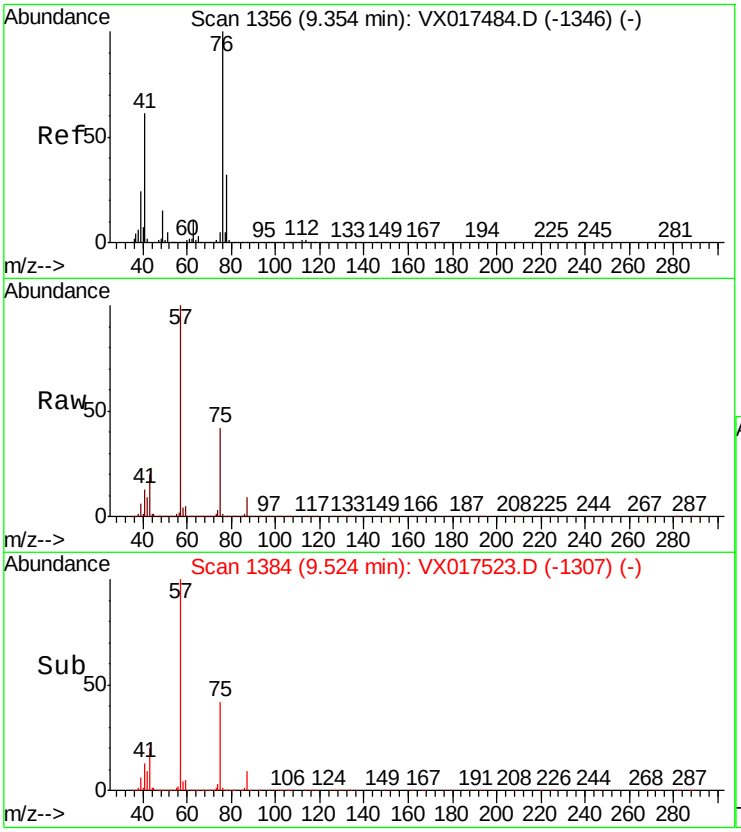


#54
cis-1,3-Dichloropropene
Concen: 6.416 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 75 Resp: 64934

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.5	38.3#
39	30.9	41.8	62.8#



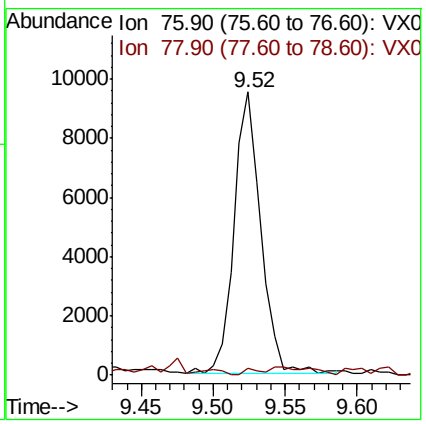


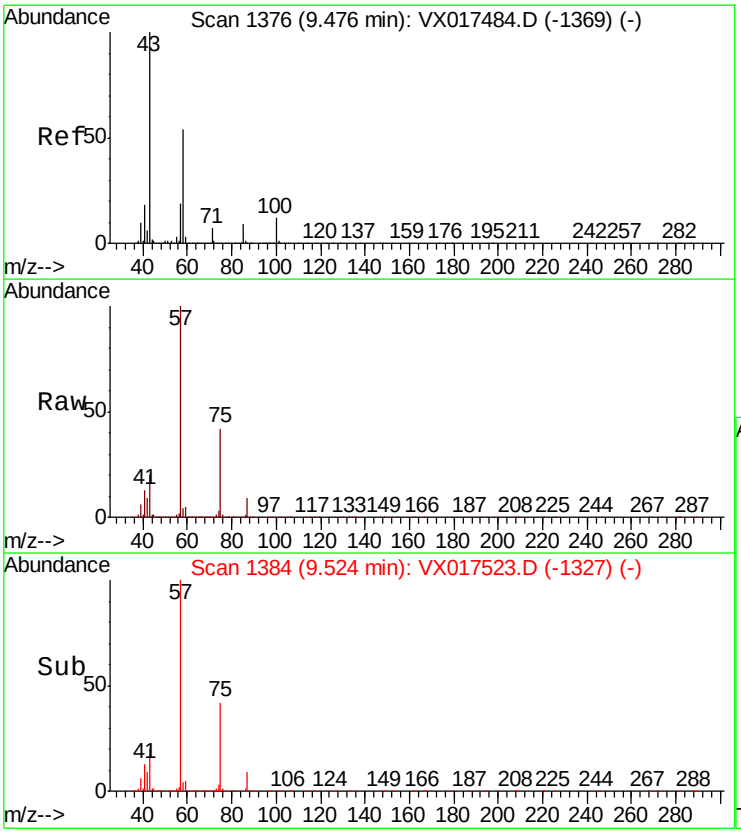
#57
1,3-Dichloropropane
Concen: 1.239 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Tgt Ion: 76 Resp: 12259

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

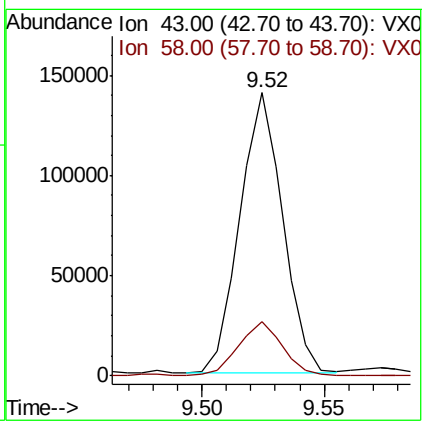


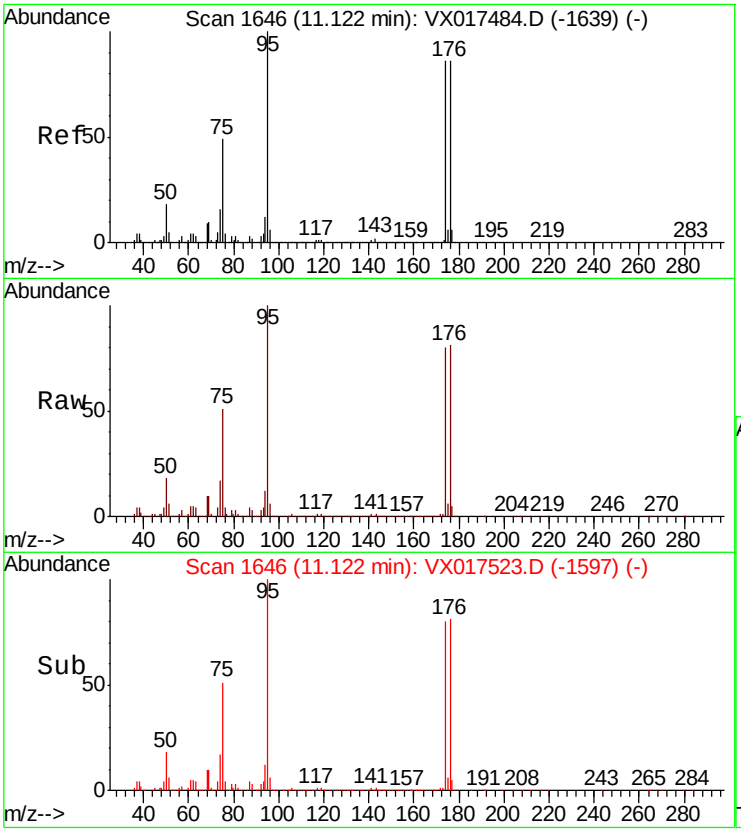


#59
2-Hexanone
Concen: 27.014 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 43 Resp: 171816

Ion	Ratio	Lower	Upper
43	100		
58	19.8	26.6	79.8#



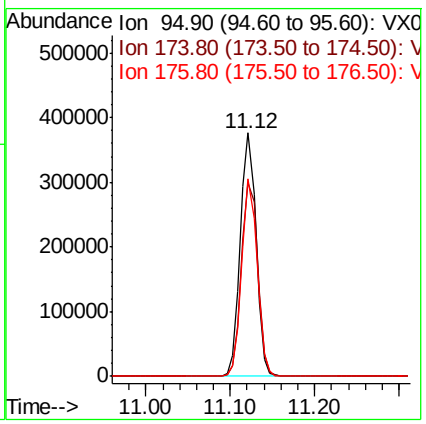


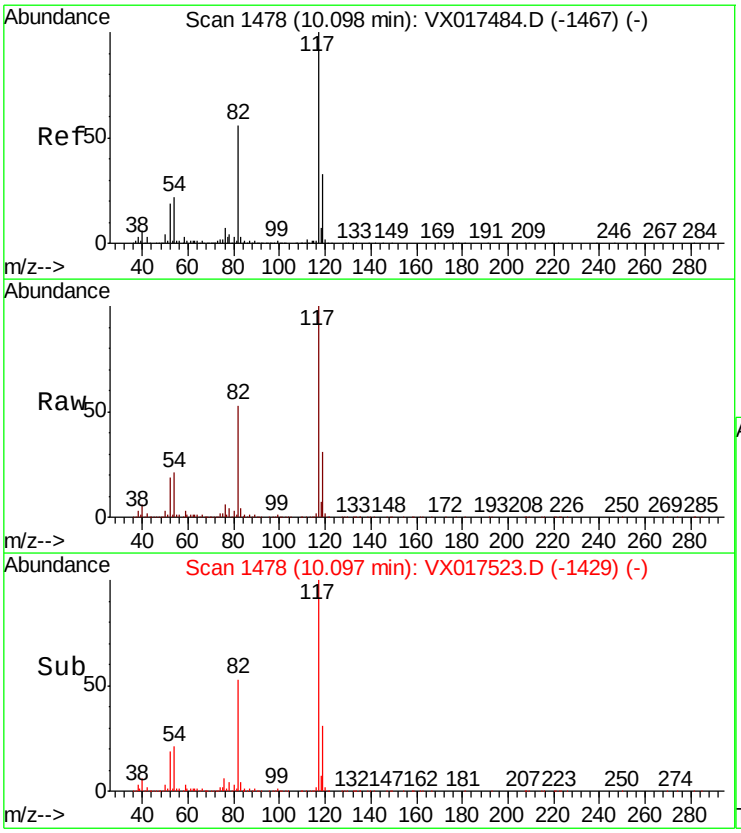
#62
4-Bromofluorobenzene
Concen: 58.898 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Tgt Ion: 95 Resp: 465041

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	169.0
176	79.6	0.0	161.0

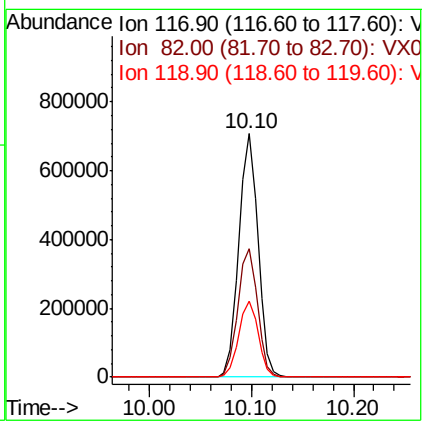


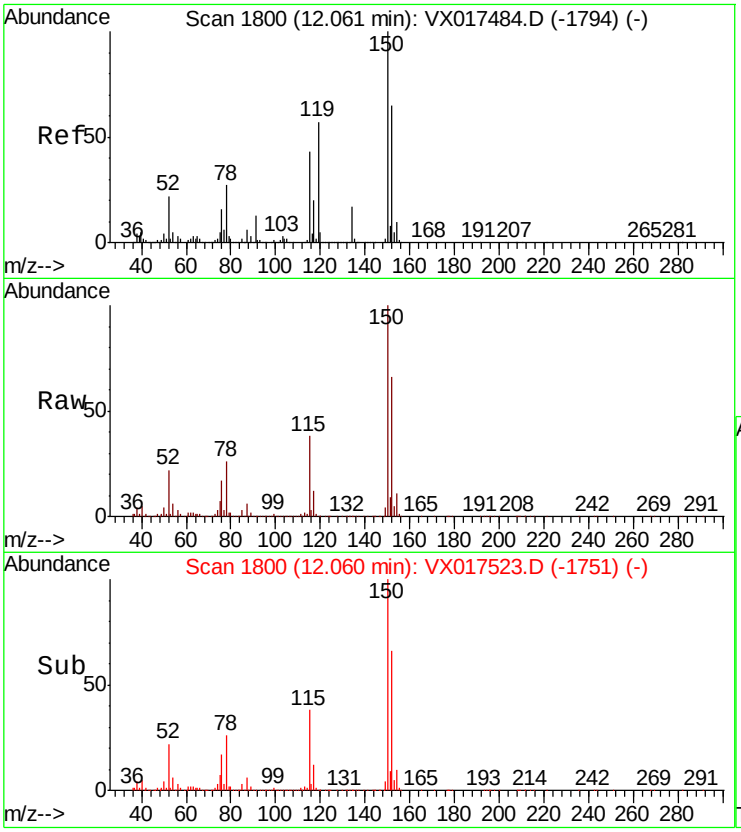


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion:117 Resp: 915460

Ion	Ratio	Lower	Upper
117	100		
82	52.9	44.0	66.0
119	31.0	25.4	38.0



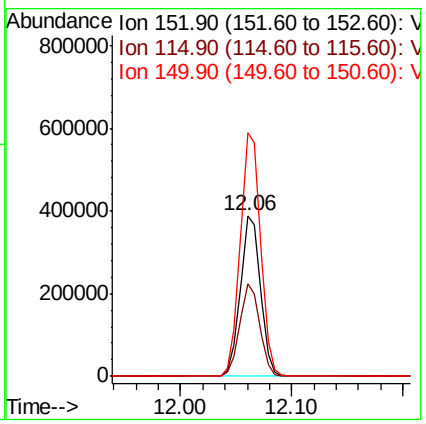


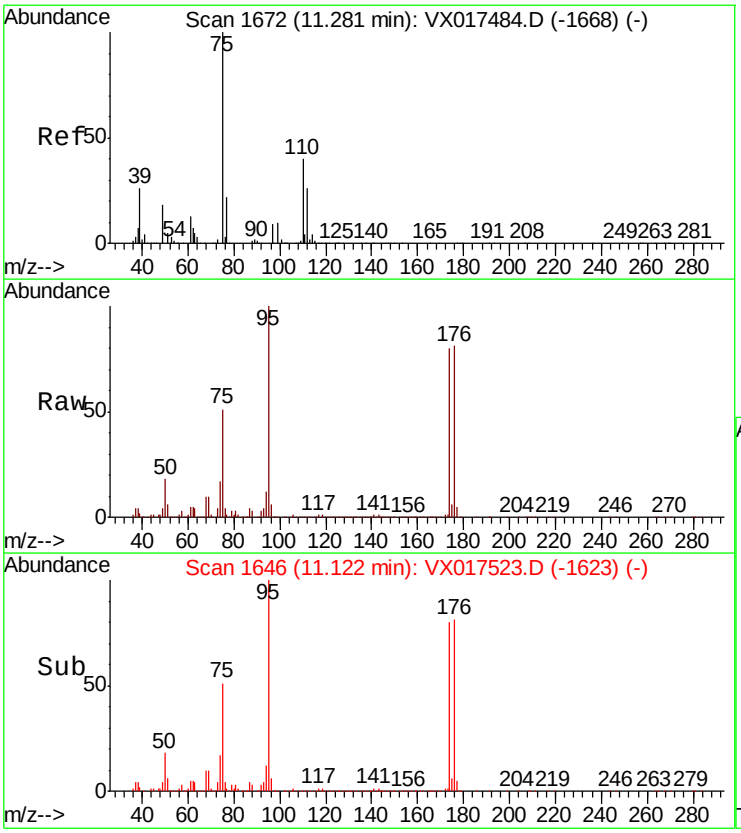
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#13

Tgt Ion:152 Resp: 485612

Ion	Ratio	Lower	Upper
152	100		
115	57.3	65.5	196.6#
150	154.1	0.0	412.6

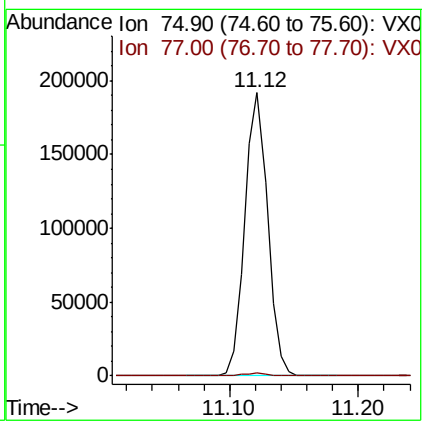


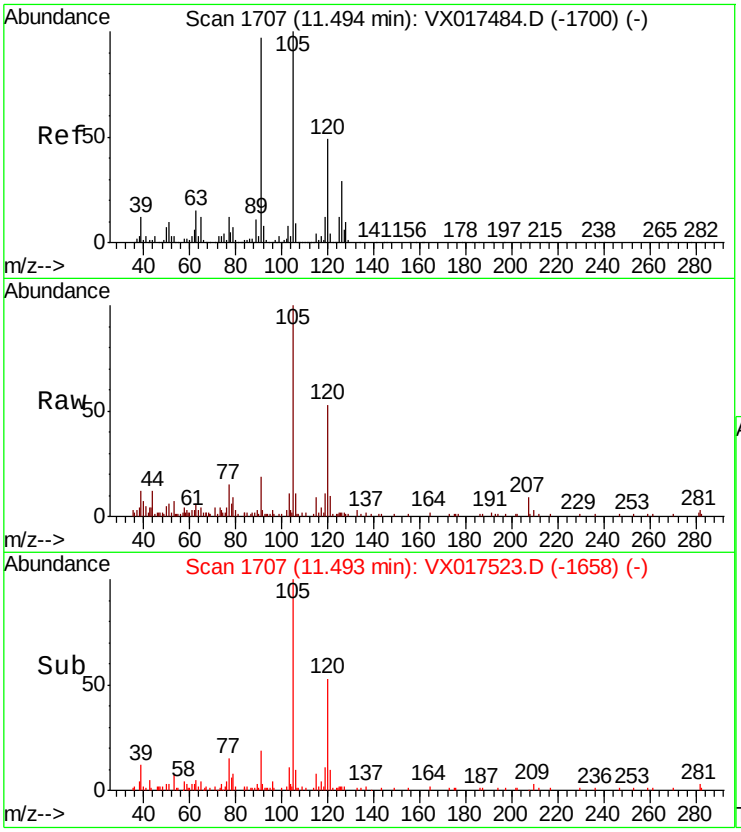


#76
1,2,3-Trichloropropane
Concen: 23.231 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 75 Resp: 232061

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.8	65.3#



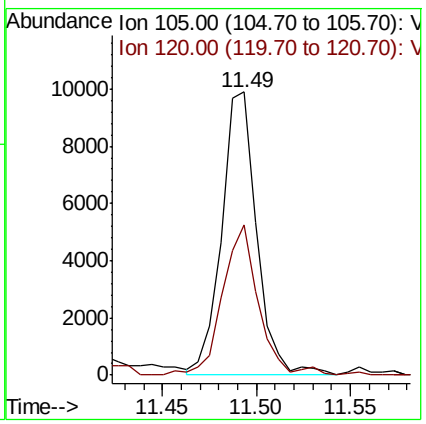


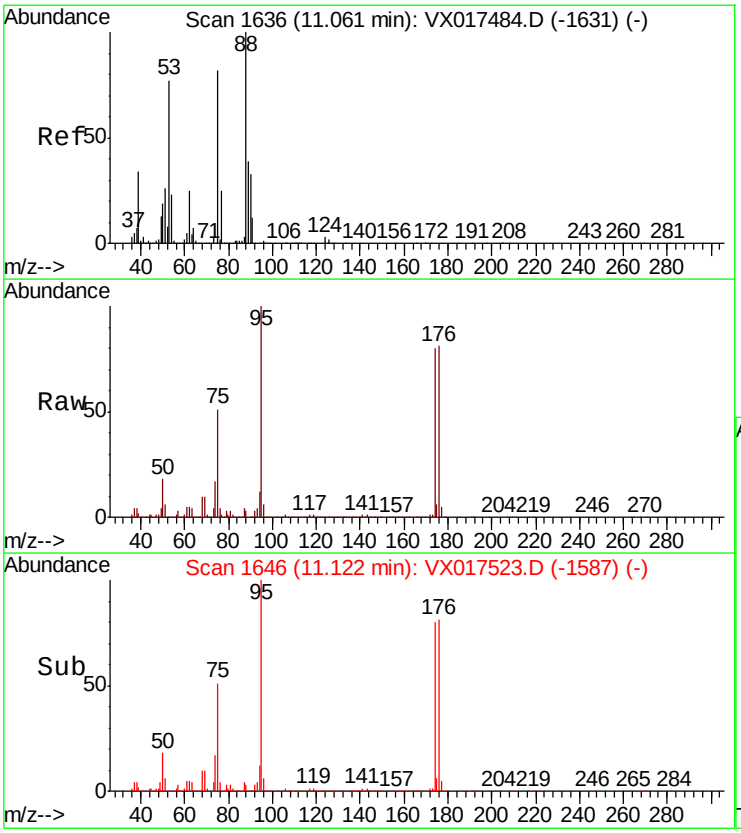
#80
1,3,5-Trimethylbenzene
Concen: 0.450 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Tgt Ion:105 Resp: 12793

Ion	Ratio	Lower	Upper
105	100		
120	54.2	24.1	72.3

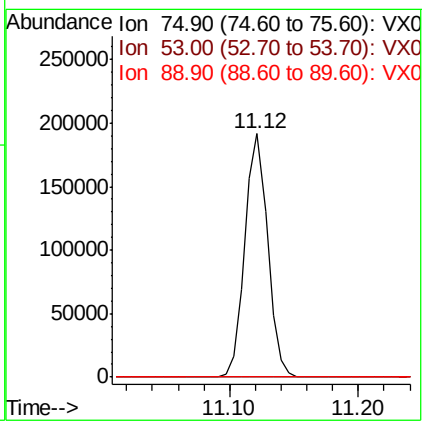


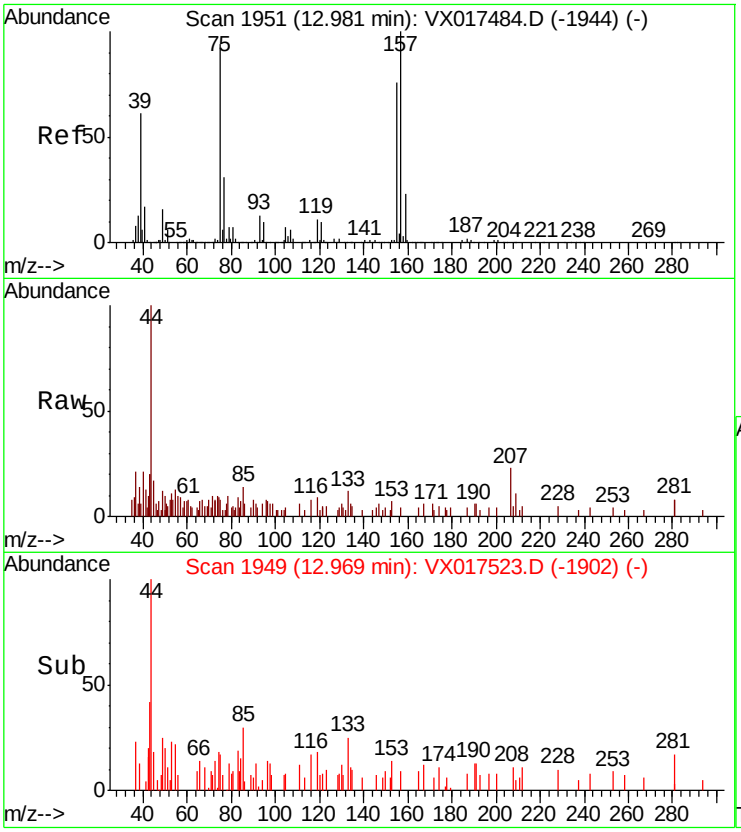


#81
trans-1,4-Dichloro-2-butene
Concen: 58.537 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Tgt Ion: 75 Resp: 232061

Ion	Ratio	Lower	Upper
75	100		
53	0.6	75.9	113.9#
89	0.2	37.8	56.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.657 ug/l
RT: 12.97 min Scan# 1949
Delta R.T. -0.01 min
Lab File: VX017523.D
Acq: 24 Jul 2020 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#13

Tgt Ion: 75 Resp: 249

Ion	Ratio	Lower	Upper
75	100		
155	42.6	42.3	126.8
157	39.0	54.3	162.9#