Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001245.D
Acq On : 16 Jan 2020 02:18
Operator : SY/MD
Sample : L1136-09
Misc : 9.31G/5ML/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : WP022SB457_200113_FD_36-38

Quant Time: Jan 16 04:57:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	171380	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.70	114	305230	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	259080	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	125320	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	98751	54.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.12%				
35) Dibromofluoromethane	7.73	113	90121	50.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.86%				
50) Toluene-d8	10.18	98	351679	51.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.14%				
62) 4-Bromofluorobenzene	12.48	95	128281	45.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.14%				
Target Compounds							Qvalue
4) Vinyl Chloride	2.25	62	6181	3.234	ug/l		100
11) Tert butyl alcohol	4.95	59	494	2.713	ug/l	#	73
13) Acrolein	3.74	56	186	1.134	ug/l	#	1
16) Acetone	3.96	43	22535	53.607	ug/l		98
17) Carbon Disulfide	4.21	76	9791	1.727	ug/l	#	94
20) Methylene Chloride	4.73	84	15825	2.872	ug/l		89
25) 2-Butanone	7.00	43	7636	11.671	ug/l	#	88
27) cis-1,2-Dichloroethene	7.00	96	12204	5.606	ug/l		89
29) Tetrahydrofuran	7.37	42	509	1.135	ug/l	#	47
31) Cyclohexane	7.80	56	5687	1.624	ug/l	#	24
36) 1,1-Dichloropropene	7.80	75	13153	4.728	ug/l	#	48
37) Ethyl Acetate	7.00	43	7636	4.677	ug/l	#	1
38) Carbon Tetrachloride	7.80	117	15842	6.214	ug/l	#	15
39) Methylcyclohexane	9.19	83	4533	1.202	ug/l		88
56) Ethyl methacrylate	10.48	69	2965	1.194	ug/l		95
59) 2-Hexanone	10.80	43	234319	211.057	ug/l	#	27
65) Chlorobenzene	11.52	112	29156	5.632	ug/l		96
74) N-amyl acetate	12.12	43	618583	210.389	ug/l	#	63
75) 1,1,2,2-Tetrachloroethane	12.64	83	16647	8.398	ug/l	#	26
76) 1,2,3-Trichloropropane	12.48	75	59808	44.581	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	59808	75.599	ug/l	#	15
91) 1,2-Dichlorobenzene	13.73	146	3730	1.019	ug/l	#	71
96) 1,2,3-Trichlorobenzene	15.39	180	4862	2.288	ug/l	#	47

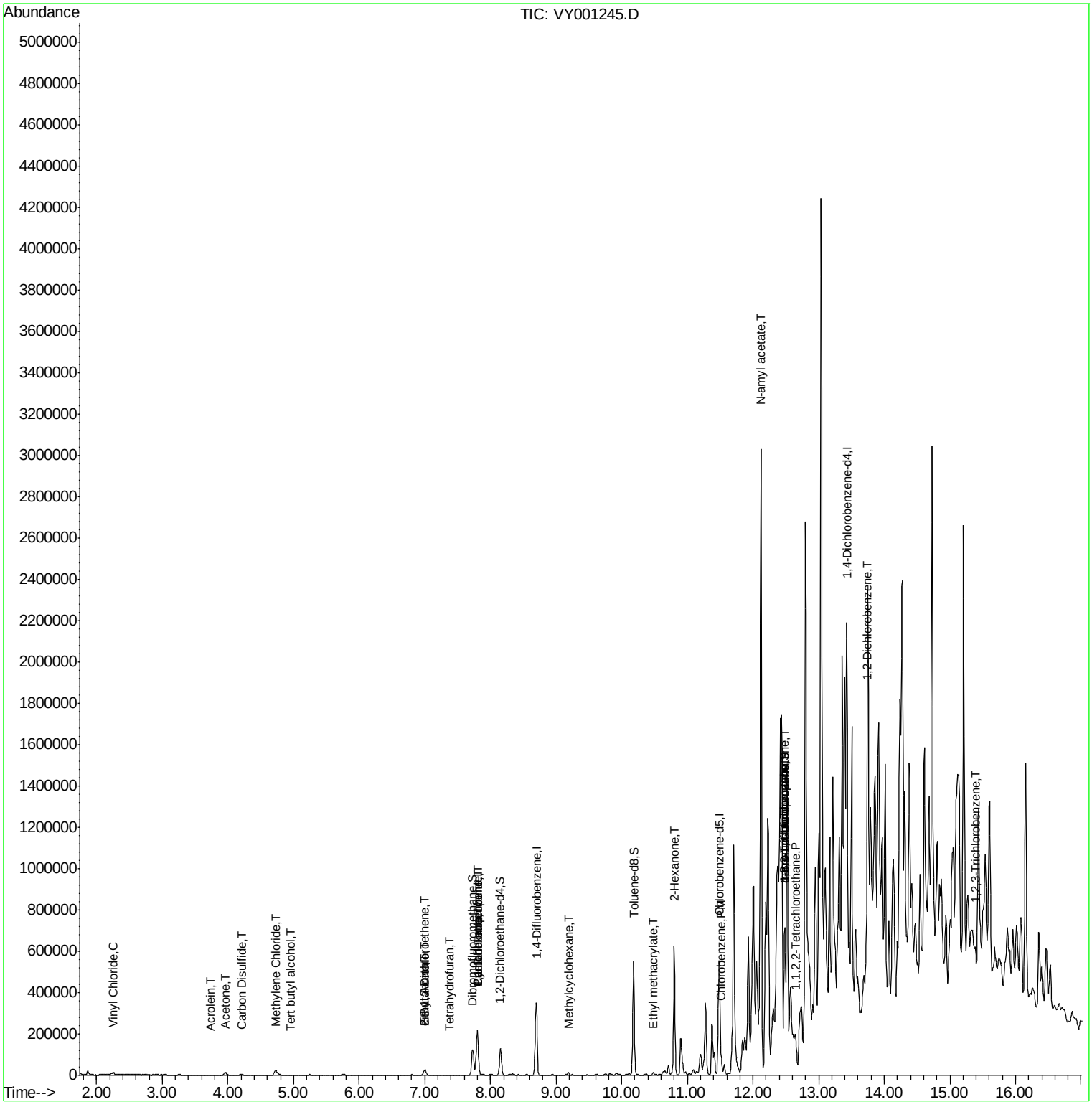
(#) = qualifier out of range (m) = manual integration (+) = signals summed

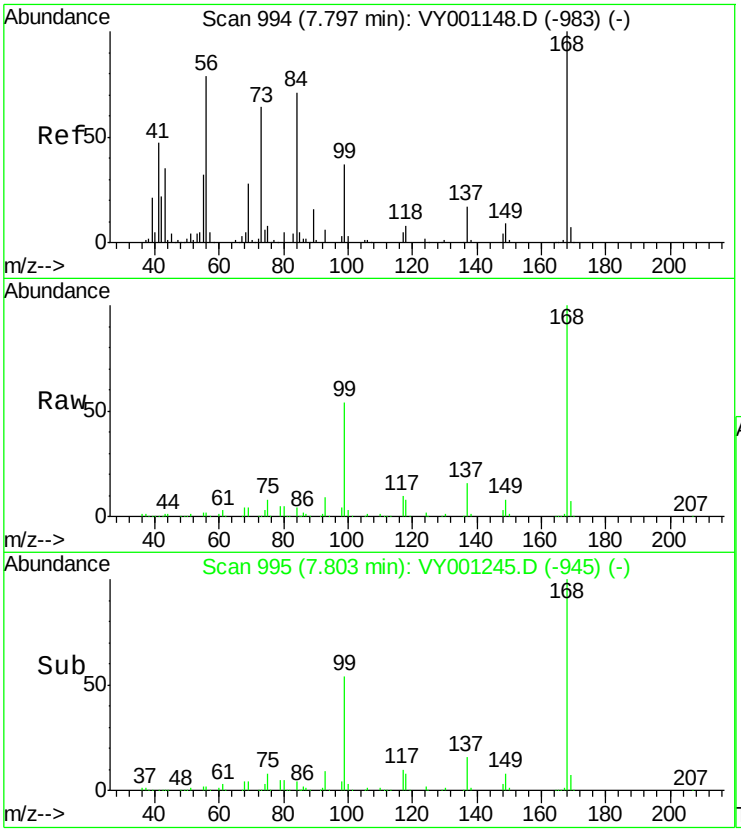
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001245.D
Acq On : 16 Jan 2020 02:18
Operator : SY/MD
Sample : L1136-09
Misc : 9.31G/5ML/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Quant Time: Jan 16 04:57:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration



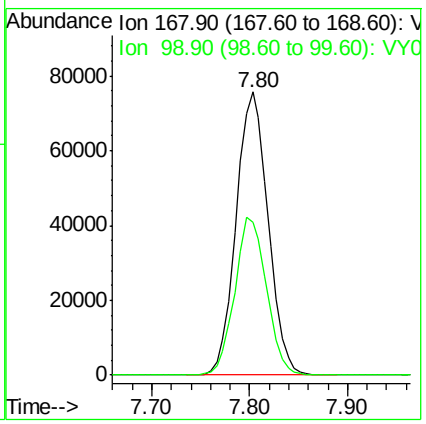


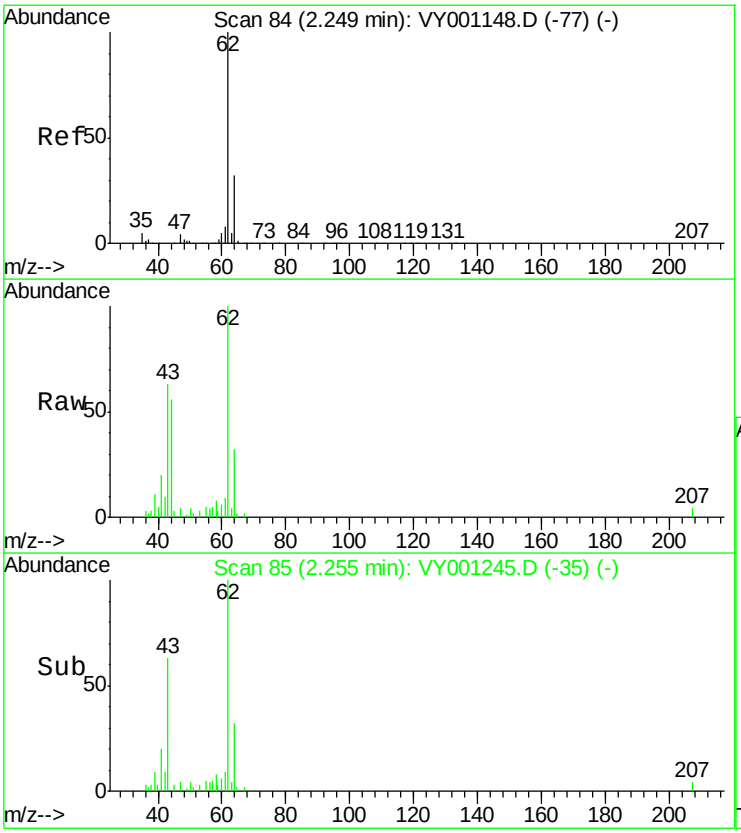
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion:168 Resp: 171380

Ion	Ratio	Lower	Upper
168	100		
99	53.9	47.9	71.9

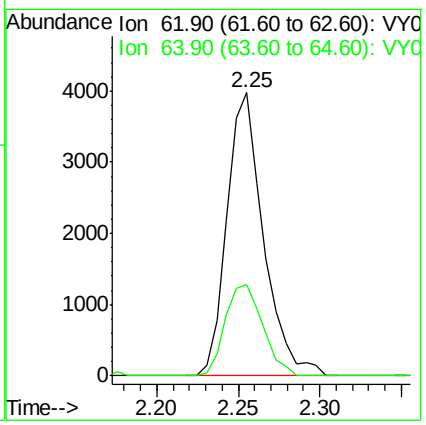


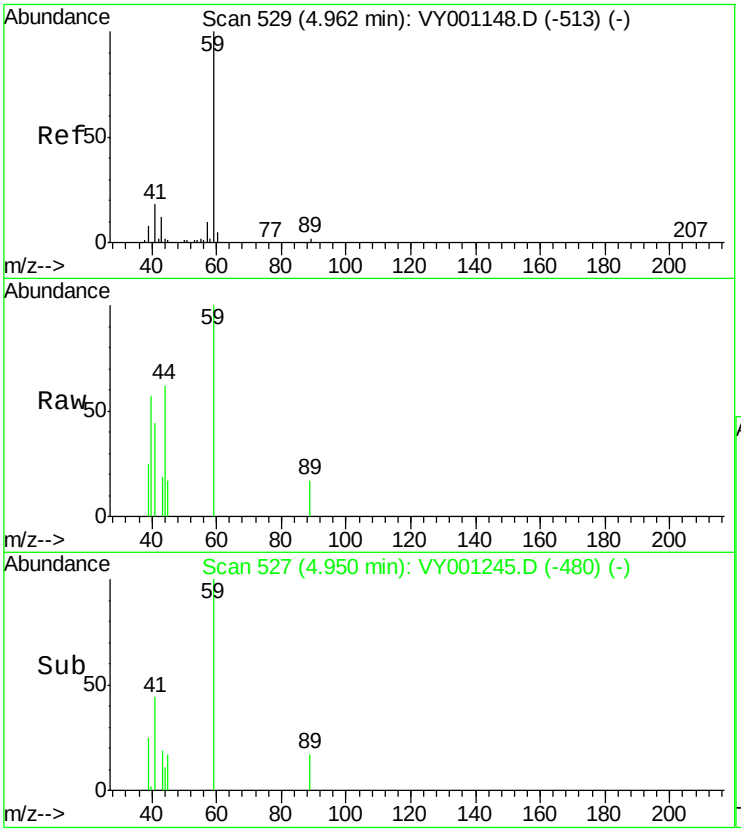


#4
Vinyl Chloride
Concen: 3.234 ug/l
RT: 2.25 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 62 Resp: 6181

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8



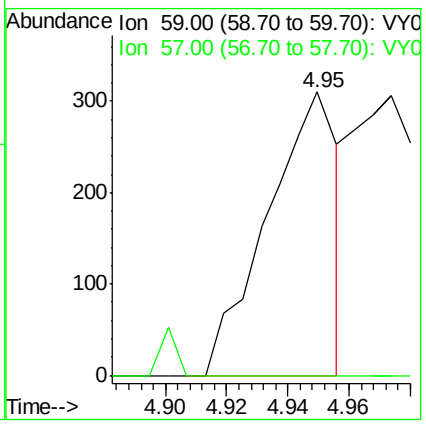


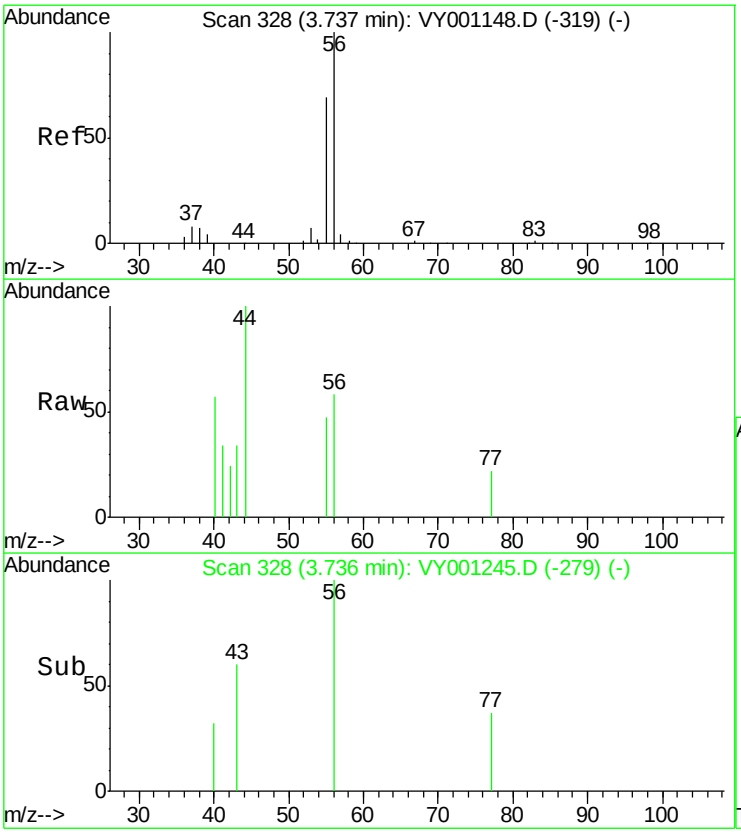
#11
Tert butyl alcohol
Concen: 2.713 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion: 59 Resp: 494

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

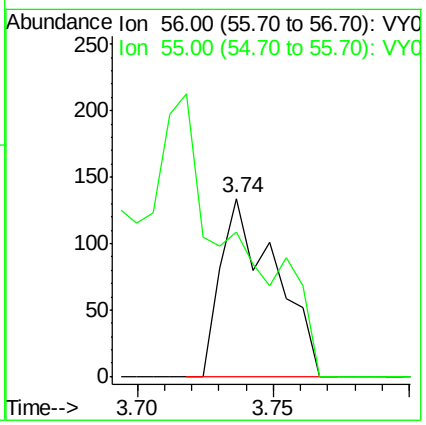


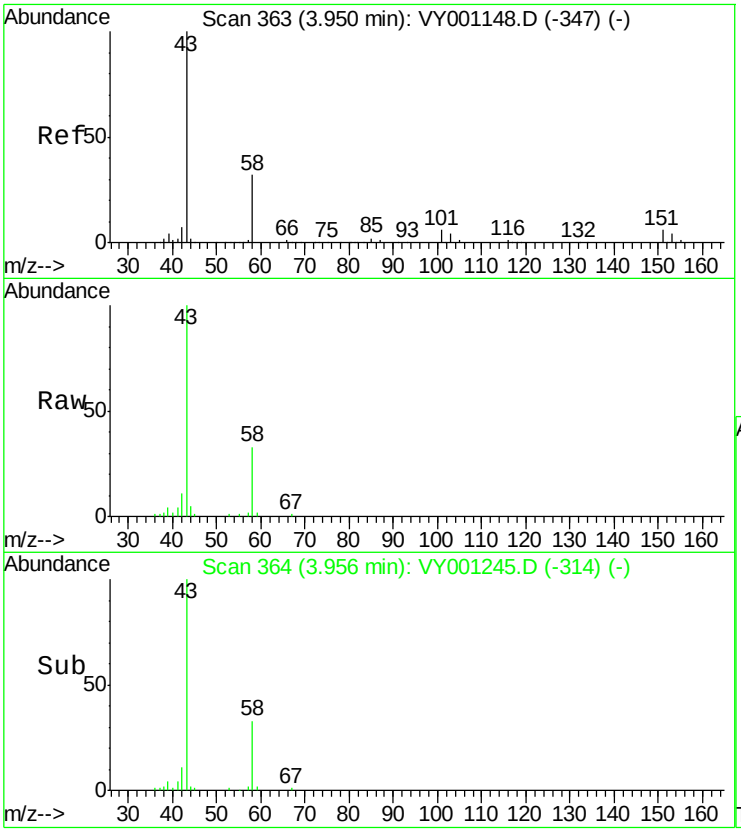


#13
Acrolein
Concen: 1.134 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 56 Resp: 186

Ion	Ratio	Lower	Upper
56	100		
55	226.9	56.7	85.1#



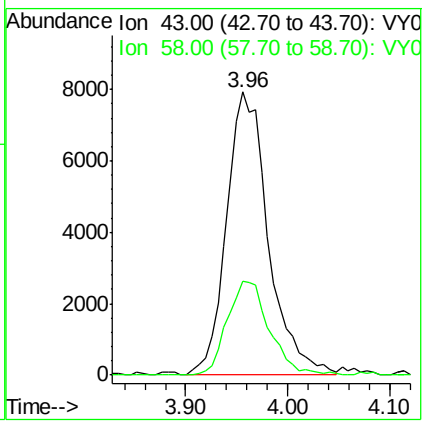


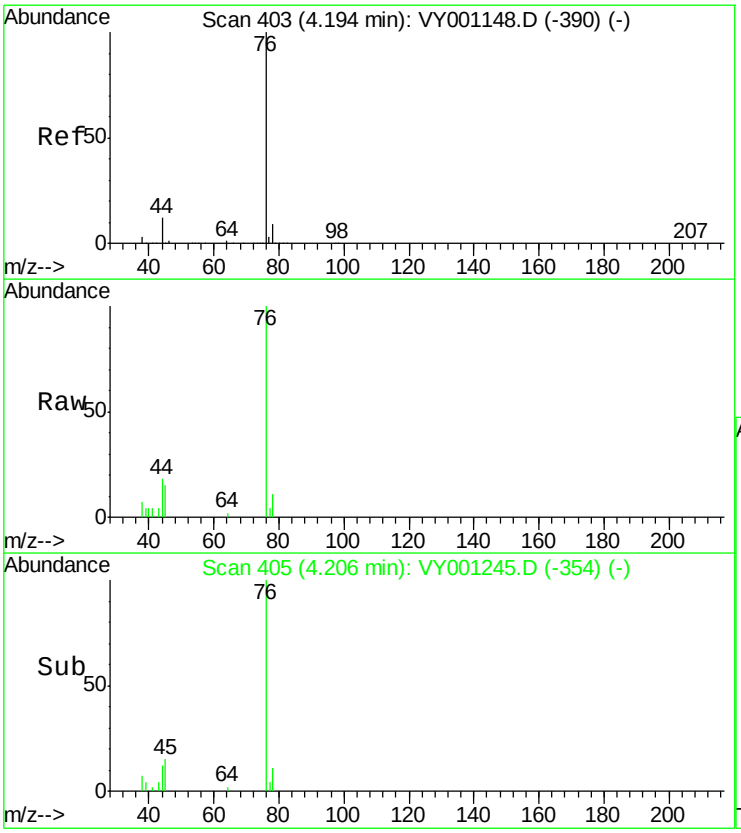
#16
Acetone
Concen: 53.607 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion: 43 Resp: 22535

Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.8	38.6

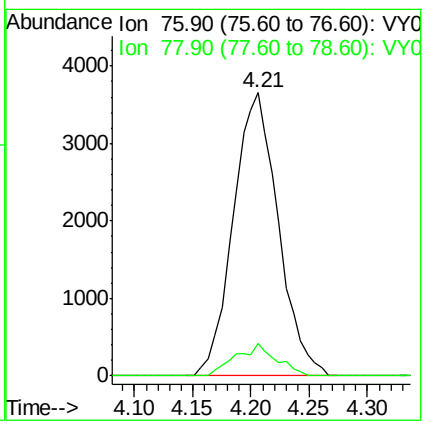


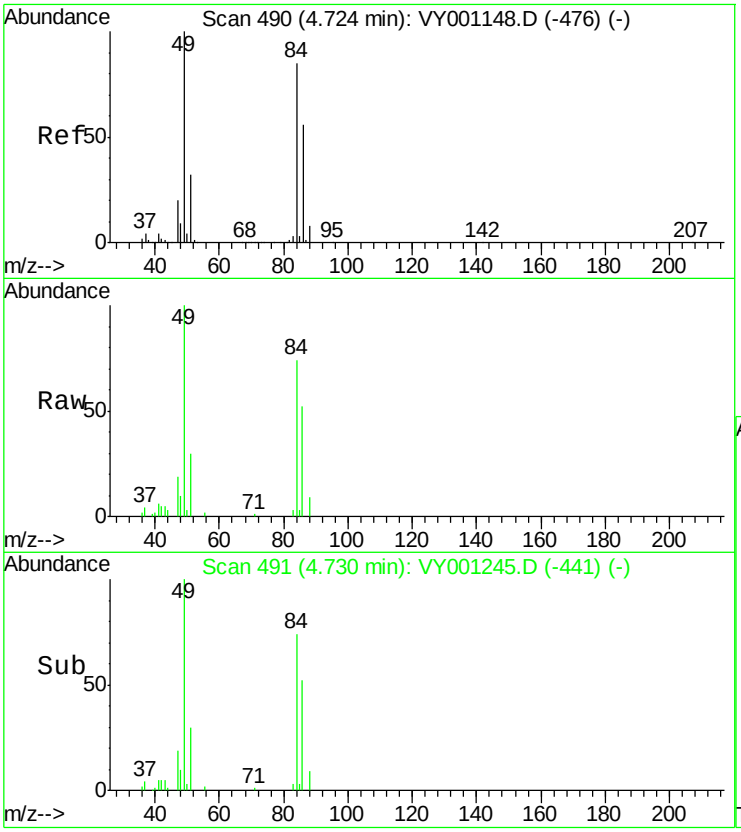


#17
Carbon Disulfide
Concen: 1.727 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 76 Resp: 9791

Ion	Ratio	Lower	Upper
76	100		
78	11.3	7.2	10.8#



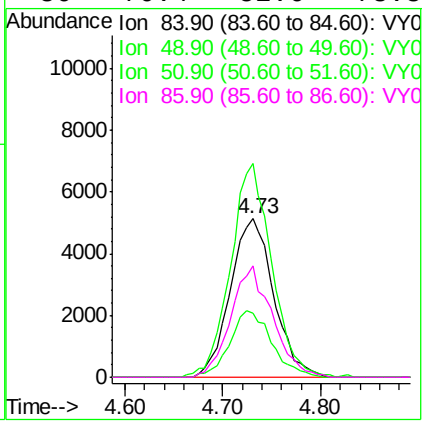


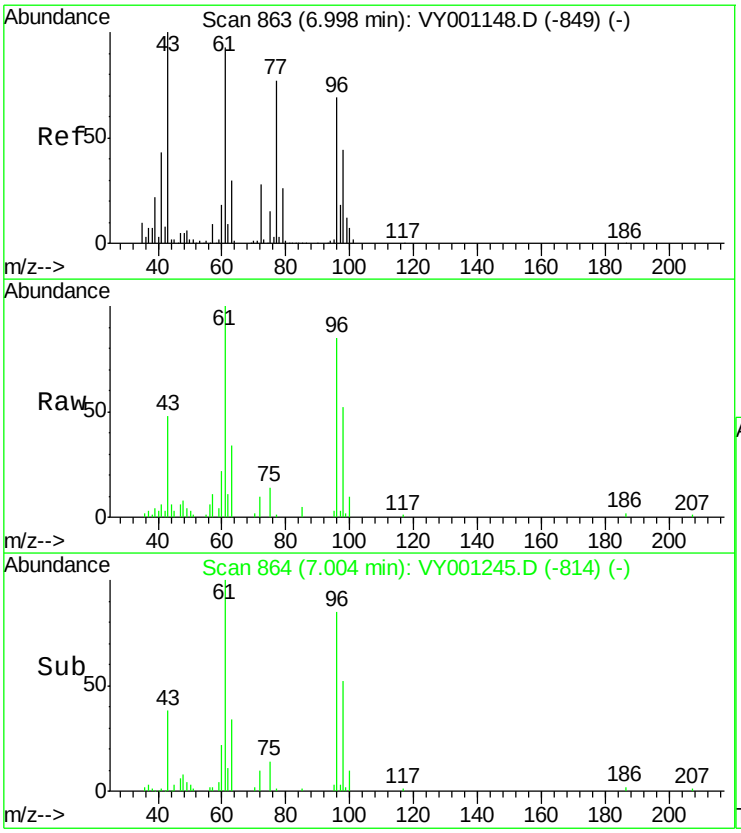
#20
Methylene Chloride
Concen: 2.872 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion: 84 Resp: 15825

Ion	Ratio	Lower	Upper
84	100		
49	134.7	93.8	140.6
51	40.7	29.9	44.9
86	70.4	52.6	78.8

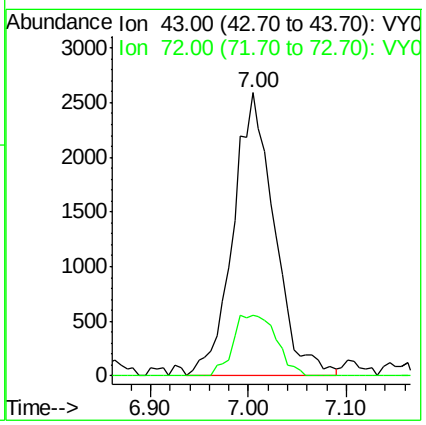


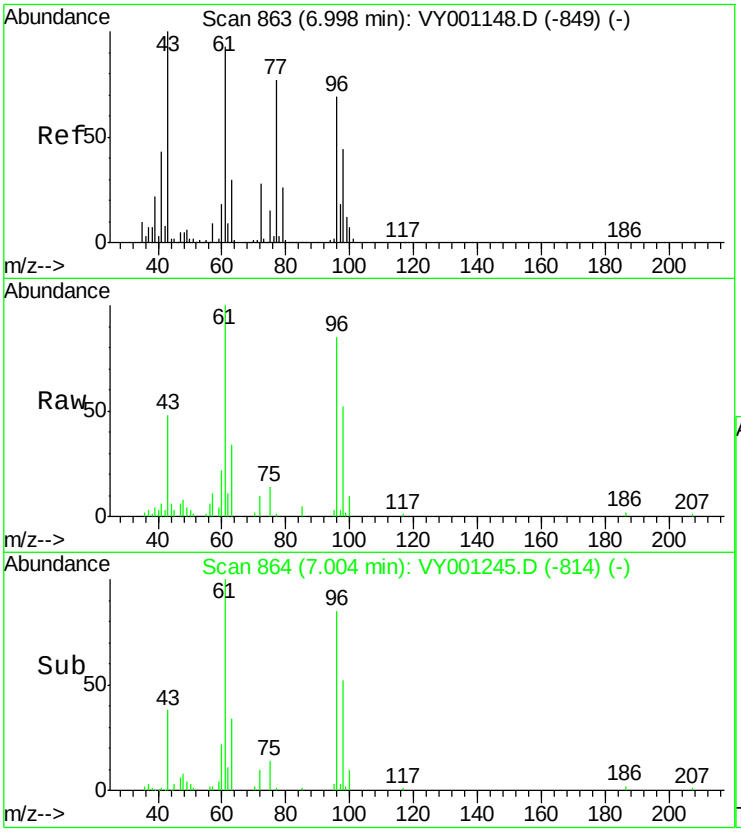


#25
2-Butanone
Concen: 11.671 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 43 Resp: 7636

Ion	Ratio	Lower	Upper
43	100		
72	21.6	22.2	33.2#



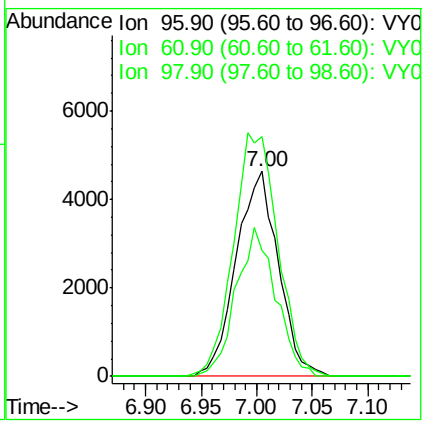


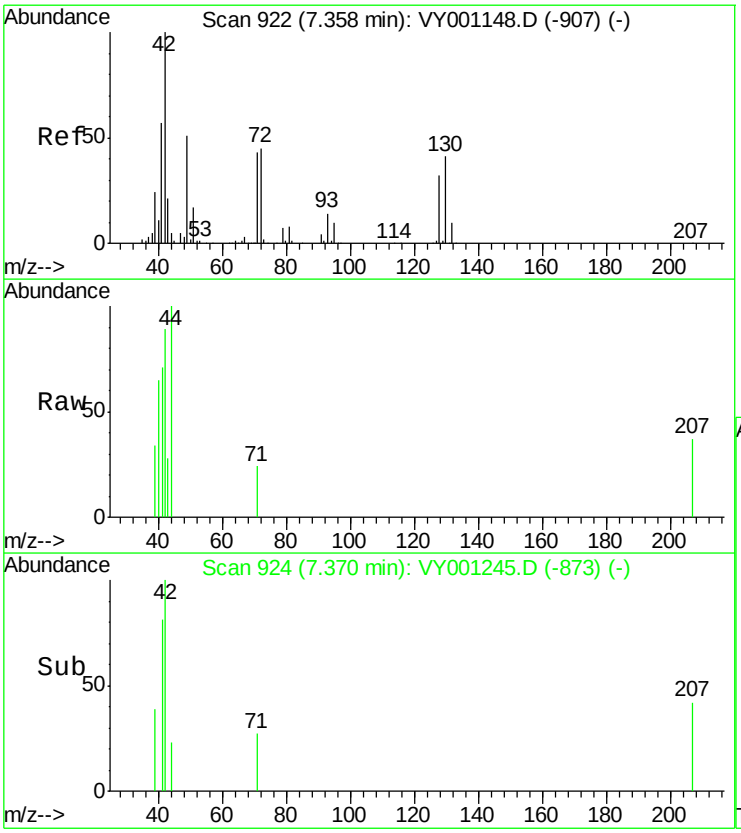
#27
cis-1,2-Dichloroethene
Concen: 5.606 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion: 96 Resp: 12204

Ion	Ratio	Lower	Upper
96	100		
61	125.2	0.0	284.0
98	68.2	0.0	130.2

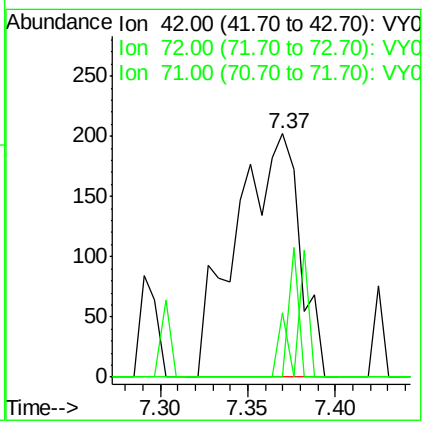


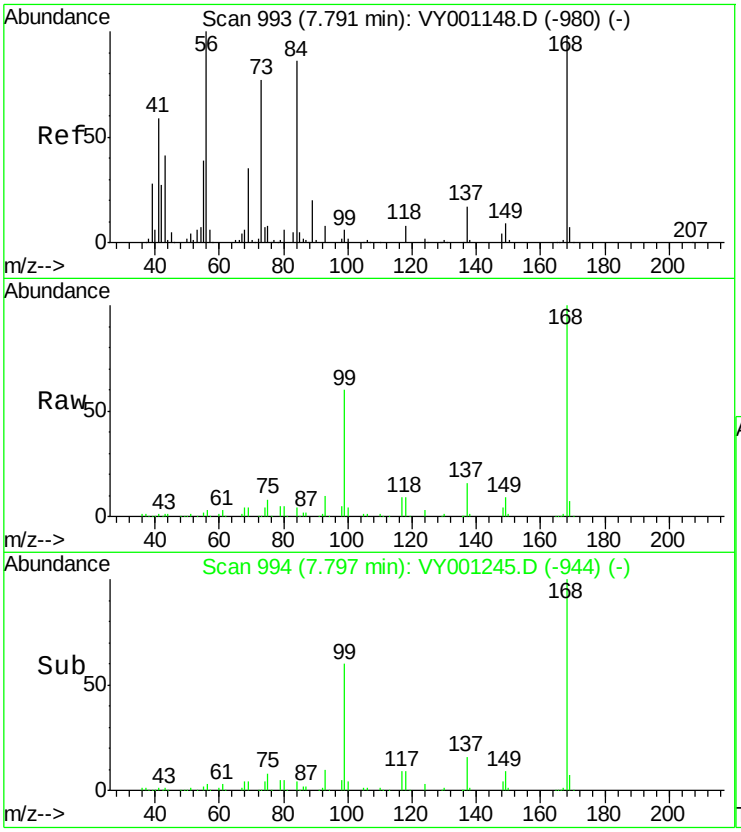


#29
Tetrahydrofuran
Concen: 1.135 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 42 Resp: 509

Ion	Ratio	Lower	Upper
42	100		
72	7.9	36.9	55.3#
71	11.6	34.0	51.0#



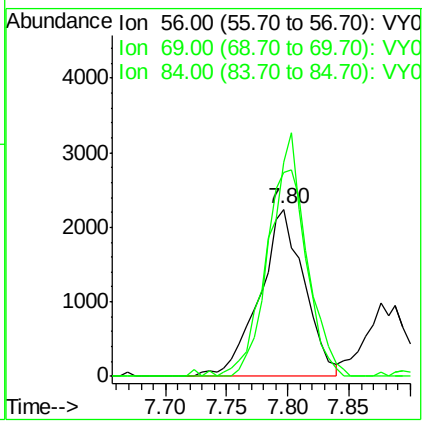


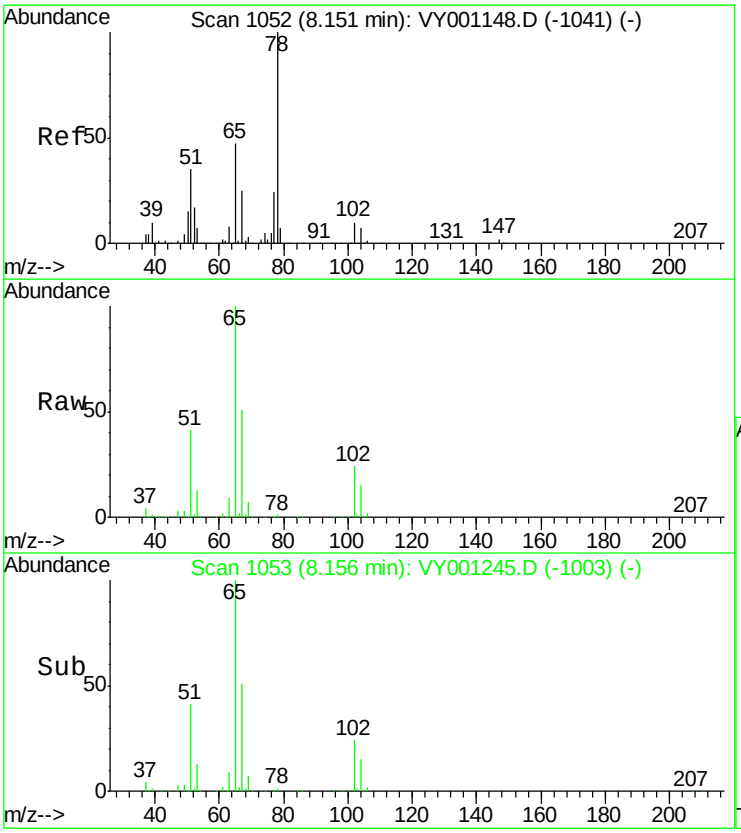
#31
Cyclohexane
Concen: 1.624 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion: 56 Resp: 5687

Ion	Ratio	Lower	Upper
56	100		
69	122.1	27.8	41.8#
84	127.8	68.9	103.3#

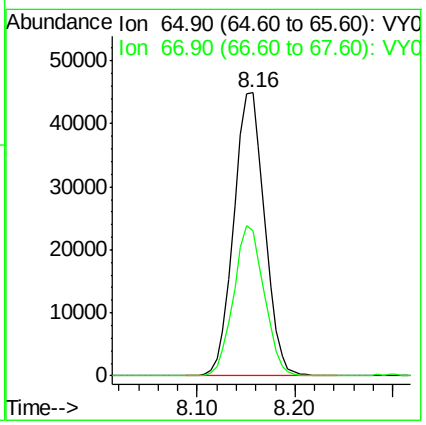


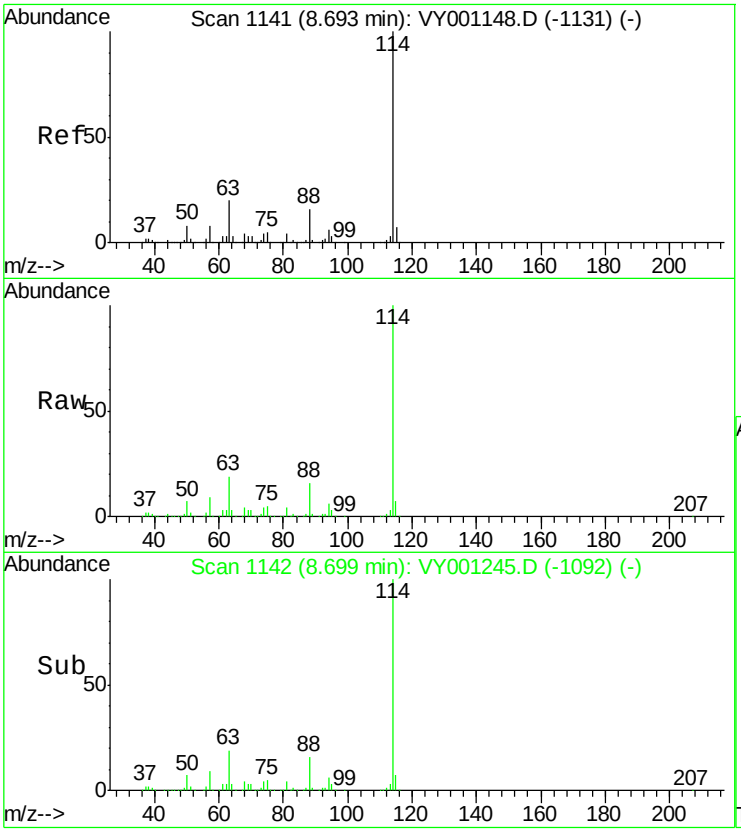


#33
1,2-Dichloroethane-d4
Concen: 54.556 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 65 Resp: 98751

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.2



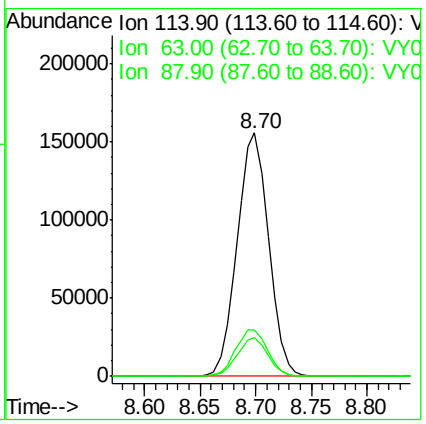


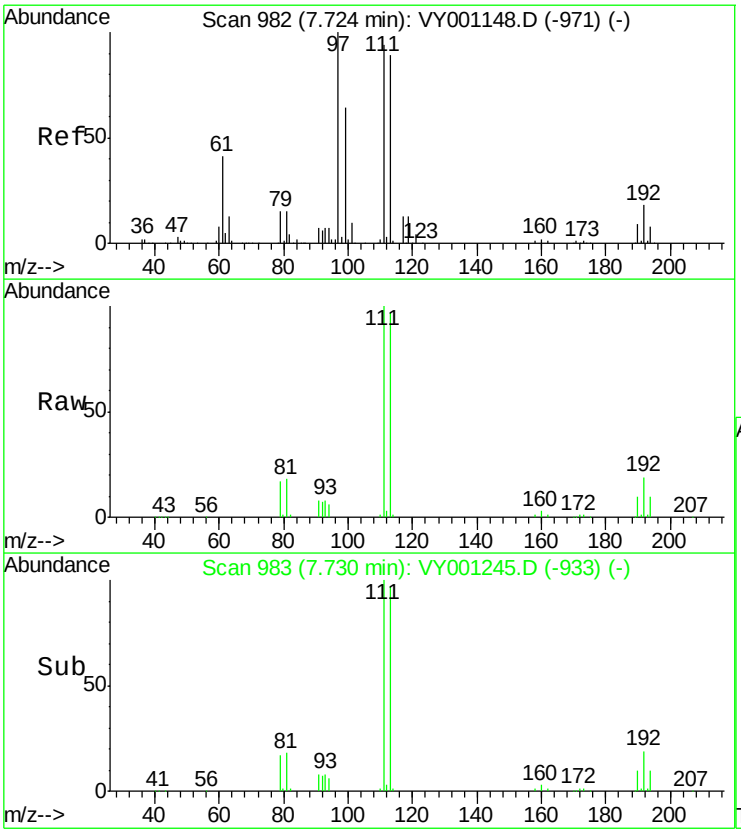
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion:114 Resp: 305230

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.8
88	16.1	0.0	32.4

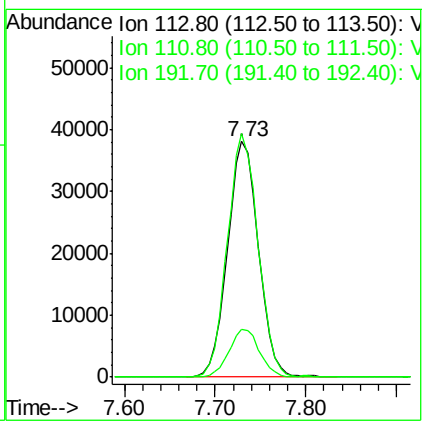


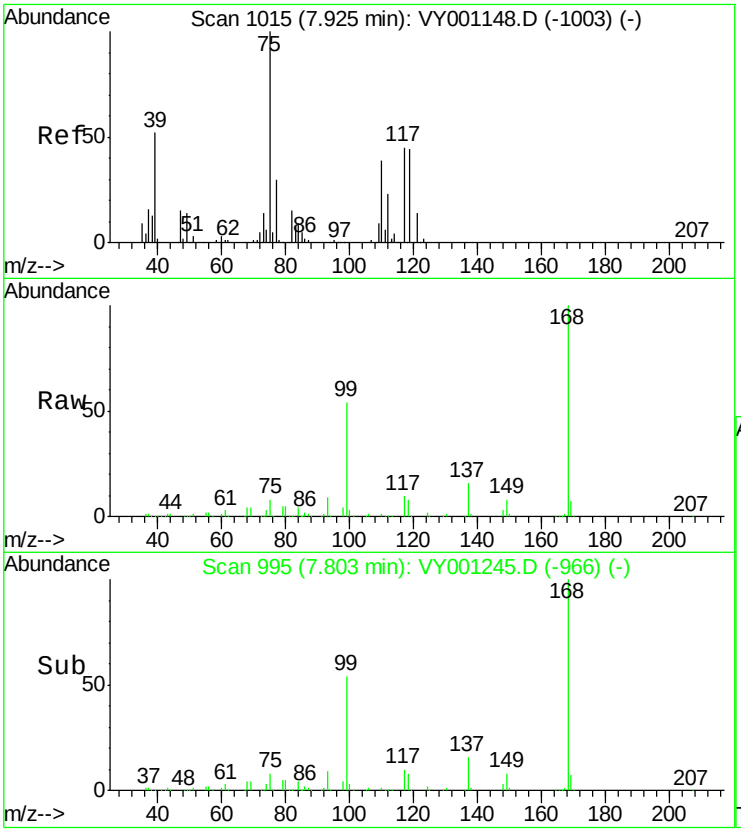


#35
Dibromofluoromethane
Concen: 50.428 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion:113 Resp: 90121

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	19.9	15.4	23.2



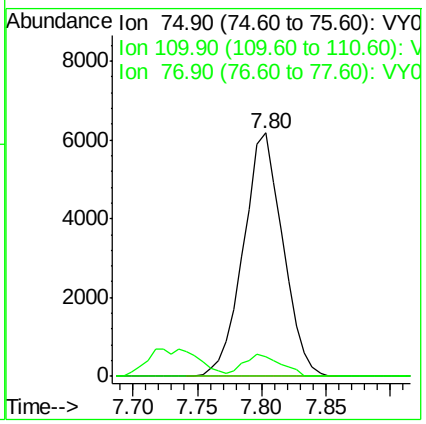


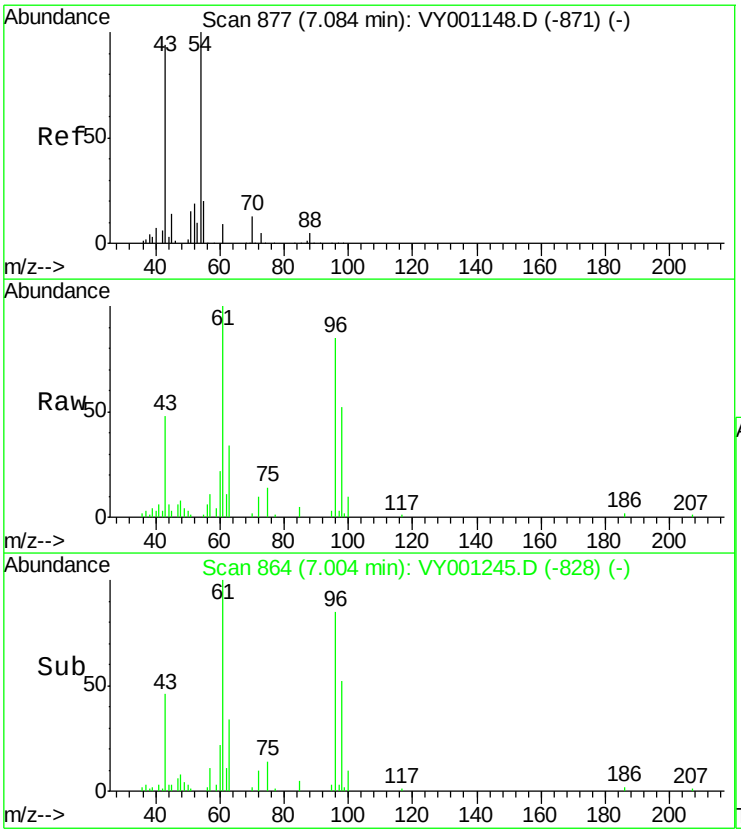
#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion: 75 Resp: 13153

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.3	54.8#
77	0.0	25.1	37.7#

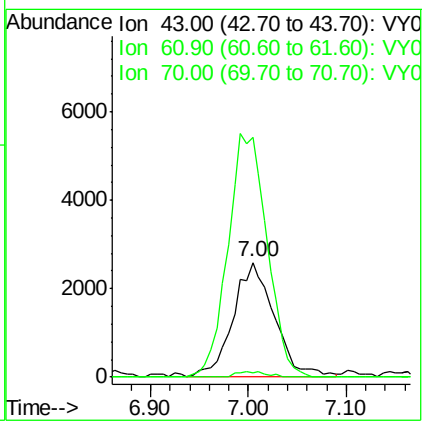


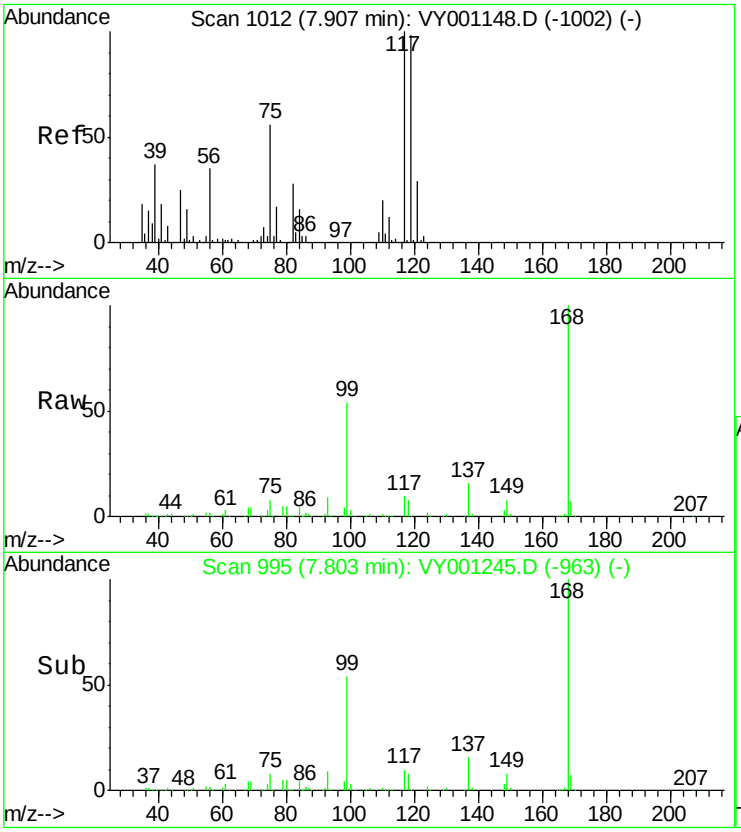


#37
Ethyl Acetate
Concen: 4.677 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.08 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 43 Resp: 7636

Ion	Ratio	Lower	Upper
43	100		
61	200.2	11.1	16.7#
70	3.4	9.7	14.5#



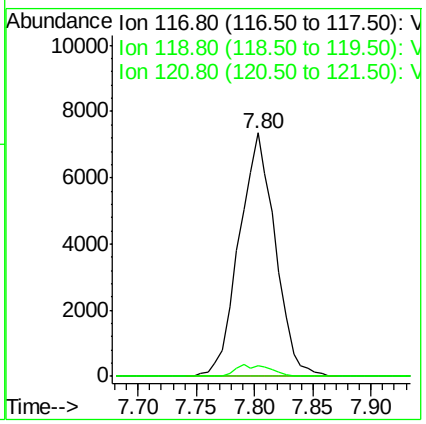


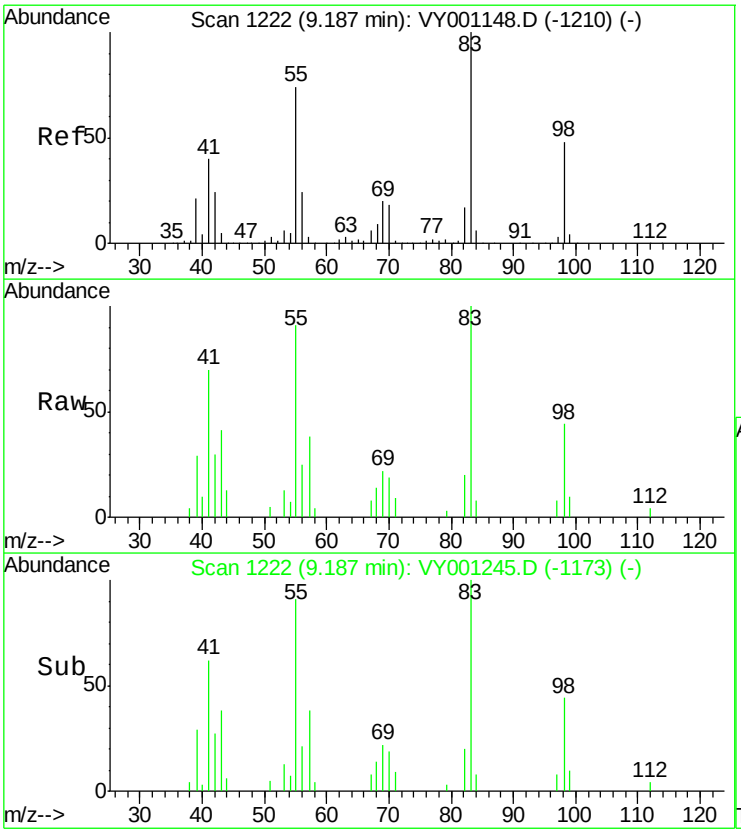
#38
Carbon Tetrachloride
Concen: 6.214 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.10 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument : MSVOA_Y
ClientSampleId : WP022SB457_200113_FD_36-38

Tgt Ion:117 Resp: 15842

Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.3	117.5#
121	0.0	23.5	35.3#

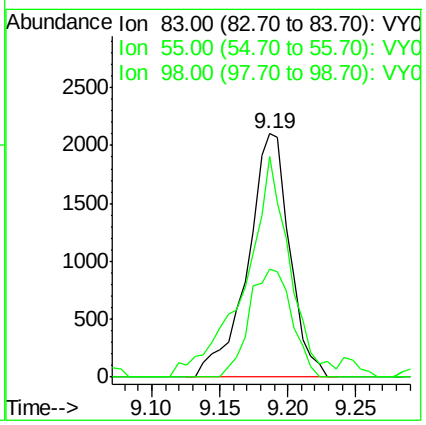


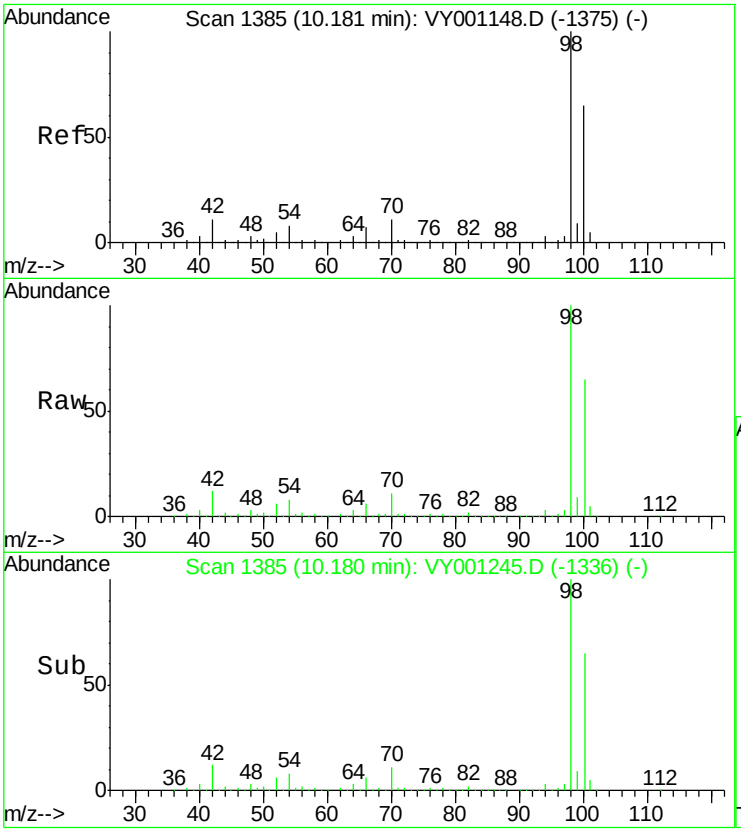


#39
Methylcyclohexane
Concen: 1.202 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 83 Resp: 4533

Ion	Ratio	Lower	Upper
83	100		
55	87.1	58.9	88.3
98	44.4	38.4	57.6



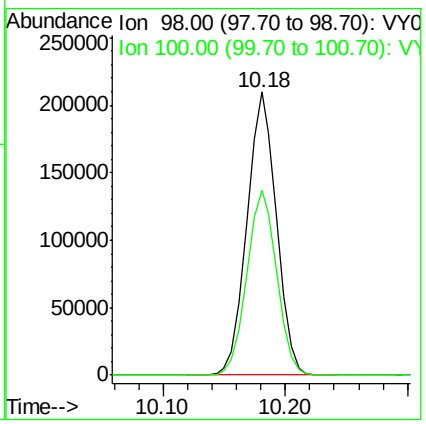


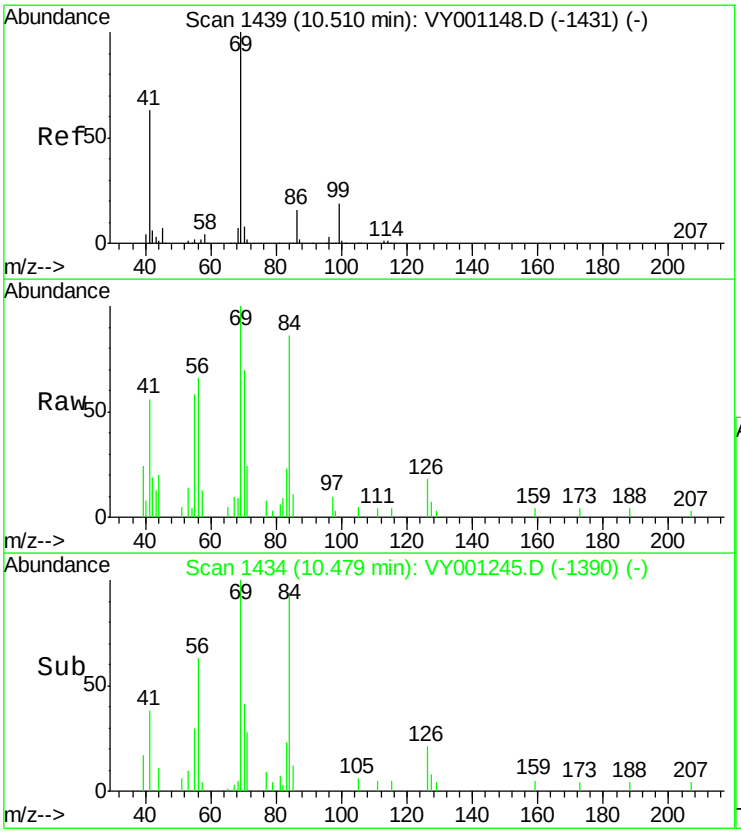
#50
Toluene-d8
Concen: 51.071 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion: 98 Resp: 351679

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7

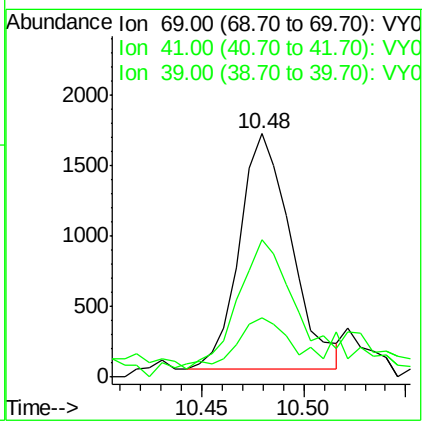


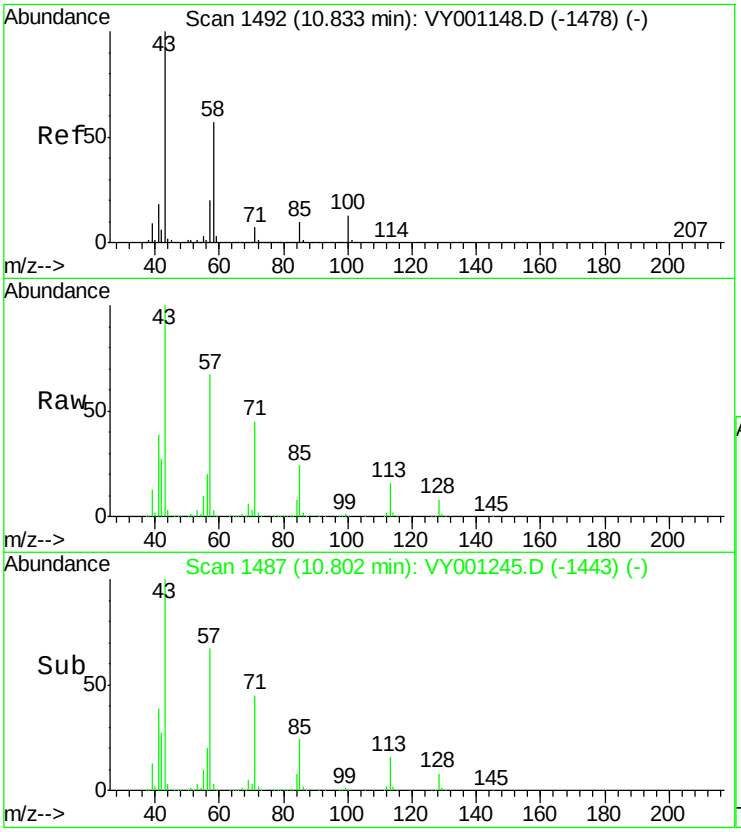


#56
Ethyl methacrylate
Concen: 1.194 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. -0.03 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 69 Resp: 2965

Ion	Ratio	Lower	Upper
69	100		
41	59.6	51.4	77.2
39	34.3	26.3	39.5



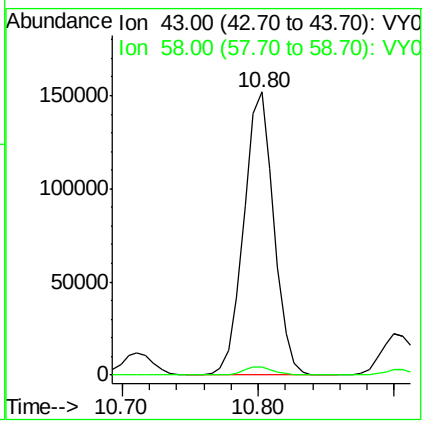


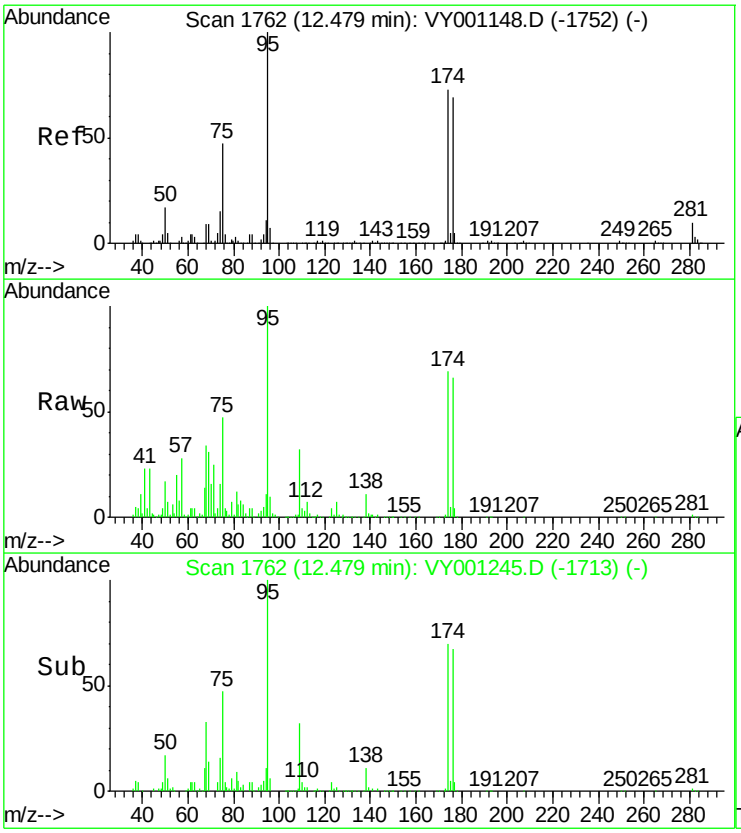
#59
2-Hexanone
Concen: 211.057 ug/l
RT: 10.80 min Scan# 1487
Delta R.T. -0.03 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion: 43 Resp: 234319

Ion	Ratio	Lower	Upper
43	100		
58	3.1	28.4	85.2#

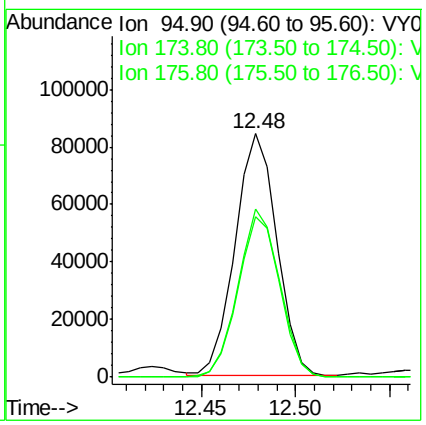


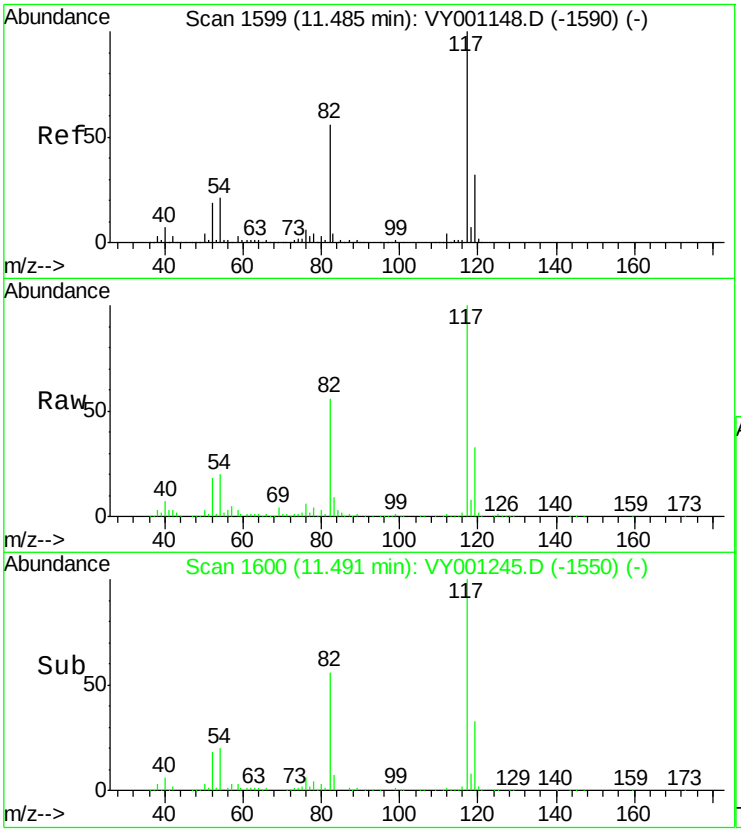


#62
4-Bromofluorobenzene
Concen: 45.567 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 95 Resp: 128281

Ion	Ratio	Lower	Upper
95	100		
174	69.4	0.0	143.2
176	67.2	0.0	136.0



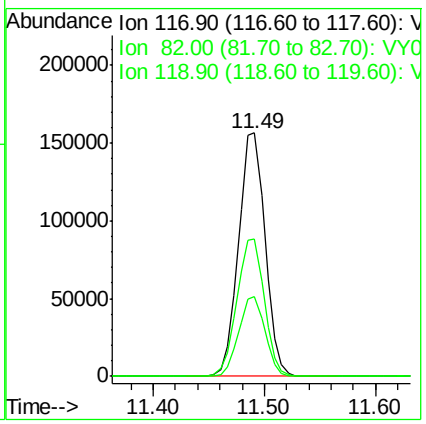


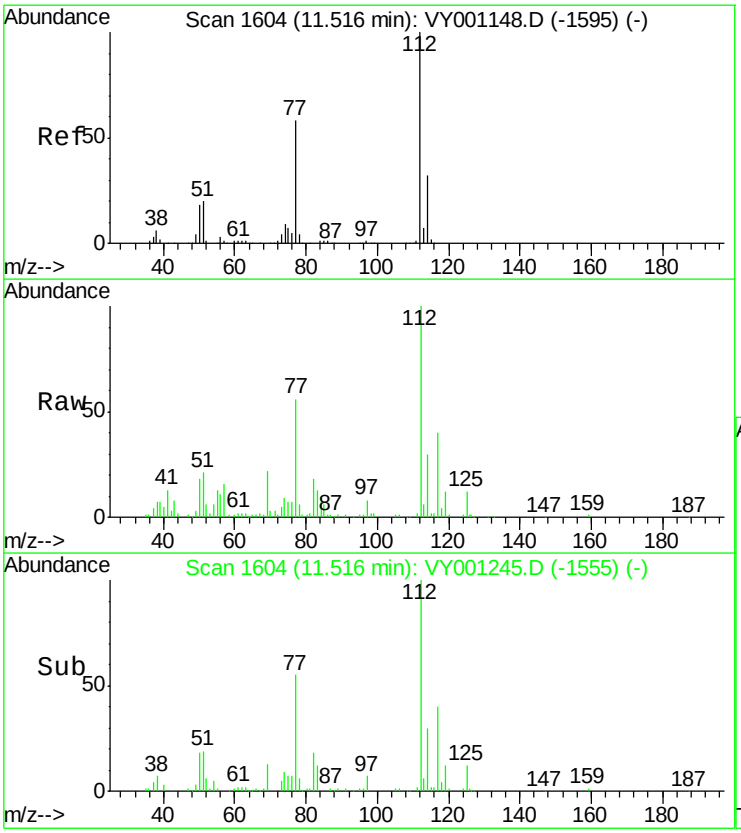
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion:117 Resp: 259080

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.9	67.3
119	32.8	25.7	38.5

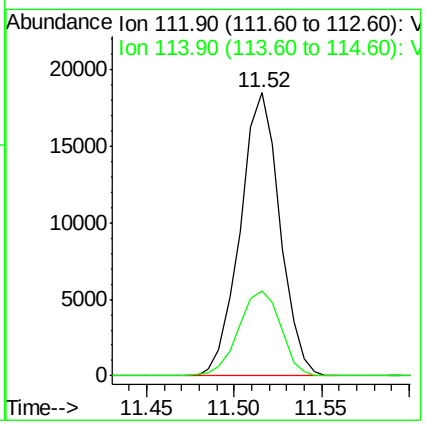


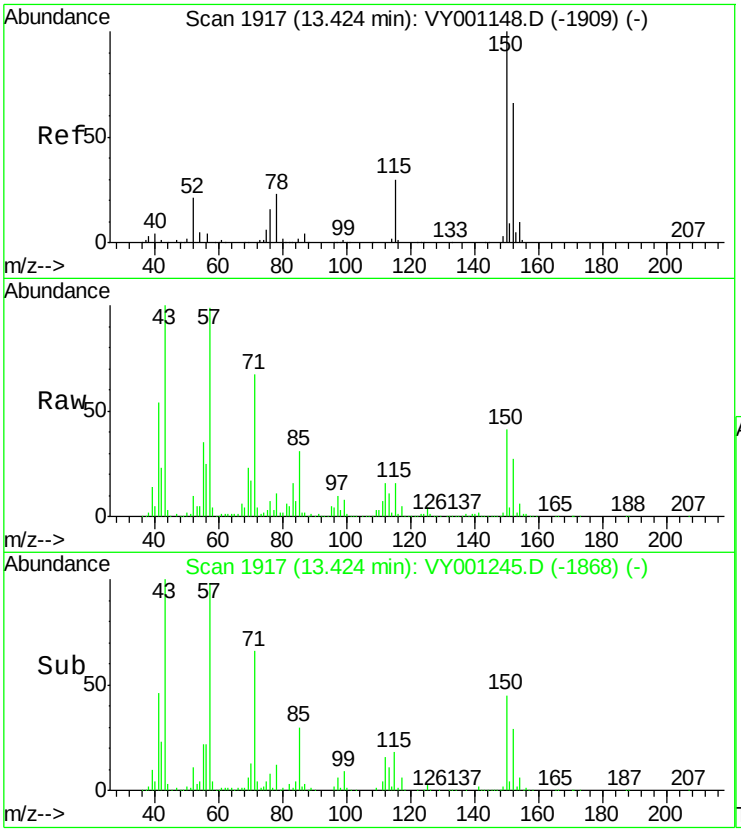


#65
Chlorobenzene
Concen: 5.632 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion:112 Resp: 29156

Ion	Ratio	Lower	Upper
112	100		
114	30.1	25.9	38.9



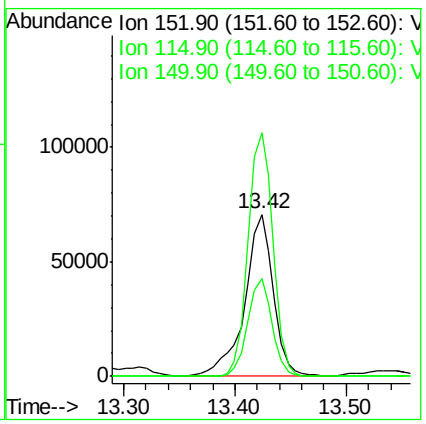


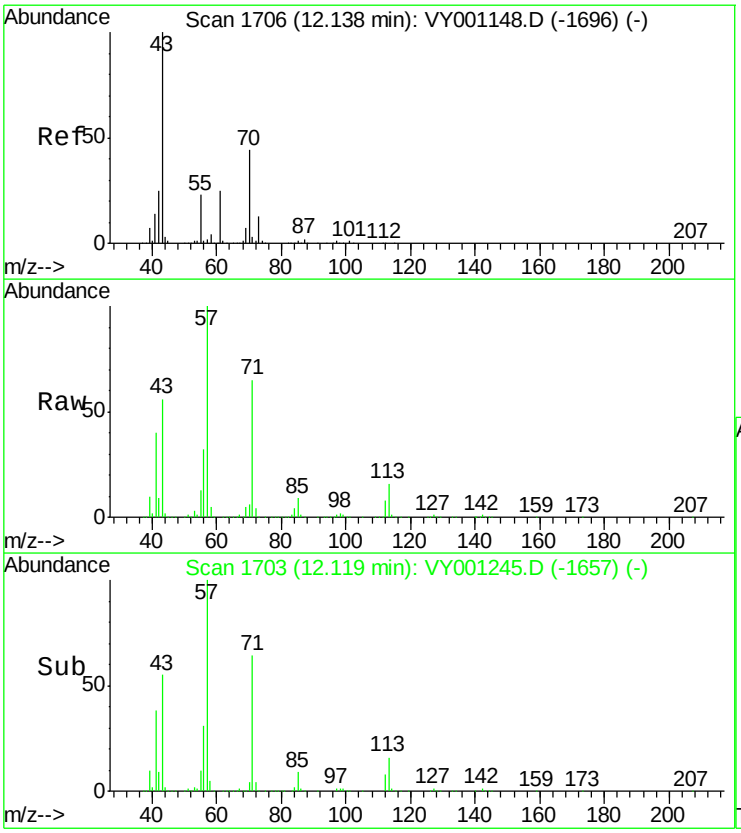
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion:152 Resp: 125320

Ion	Ratio	Lower	Upper
152	100		
115	51.5	30.9	92.5
150	131.5	0.0	346.8

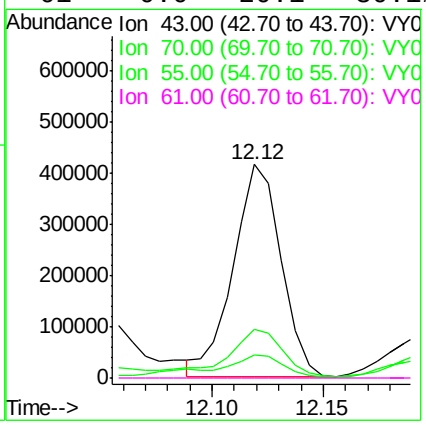


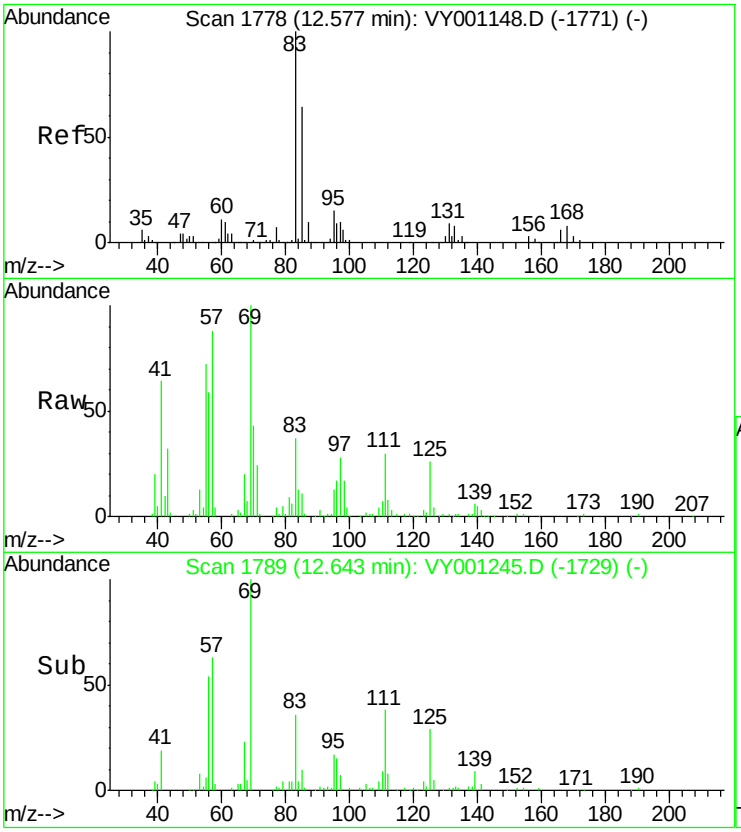


#74
N-amyl acetate
Concen: 210.389 ug/l
RT: 12.12 min Scan# 1703
Delta R.T. -0.02 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 43 Resp: 618583

Ion	Ratio	Lower	Upper
43	100		
70	14.7	35.0	52.6#
55	26.6	18.4	27.6
61	0.0	20.1	30.1#



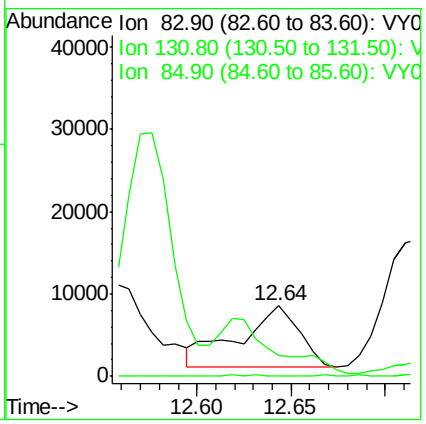


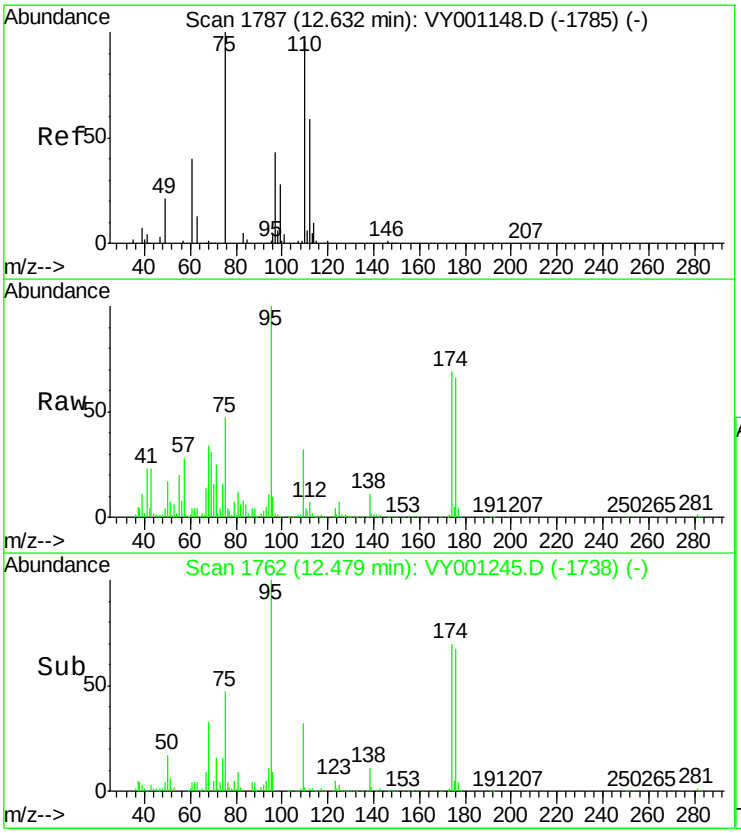
#75
1,1,2,2-Tetrachloroethane
Concen: 8.398 ug/l
RT: 12.64 min Scan# 1789
Delta R.T. 0.07 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion: 83 Resp: 16647

Ion	Ratio	Lower	Upper
83	100		
131	2.6	5.1	15.3#
85	0.0	32.2	96.6#

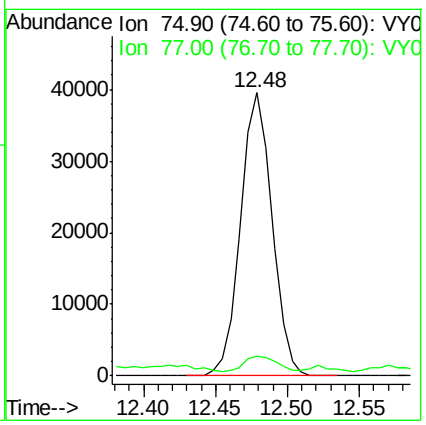


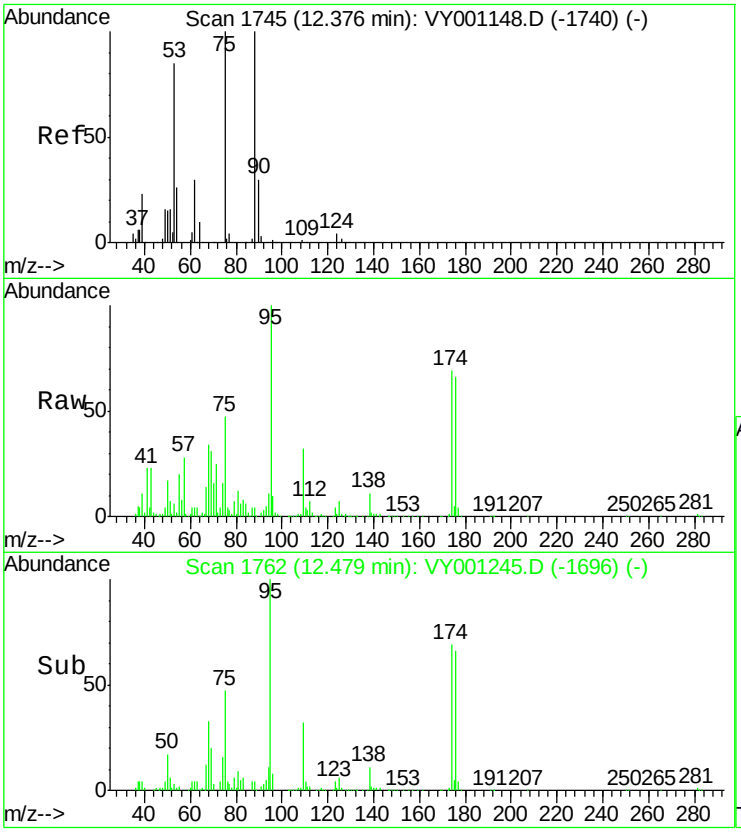


#76
1,2,3-Trichloropropane
Concen: 44.581 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 75 Resp: 59808

Ion	Ratio	Lower	Upper
75	100		
77	5.5	0.0	0.0#



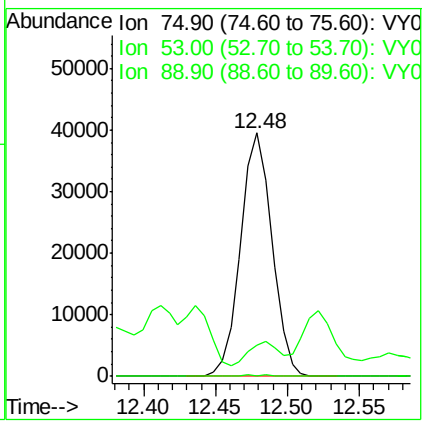


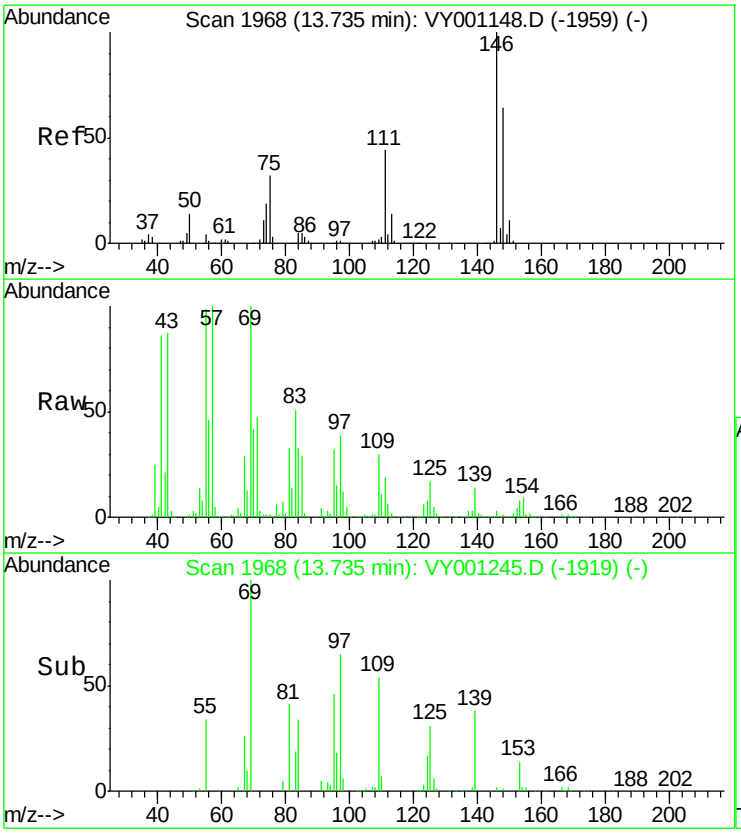
#81
trans-1,4-Dichloro-2-butene
Concen: 75.599 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion: 75 Resp: 59808

Ion	Ratio	Lower	Upper
75	100		
53	8.7	69.4	104.2#
89	0.6	0.0	0.0#

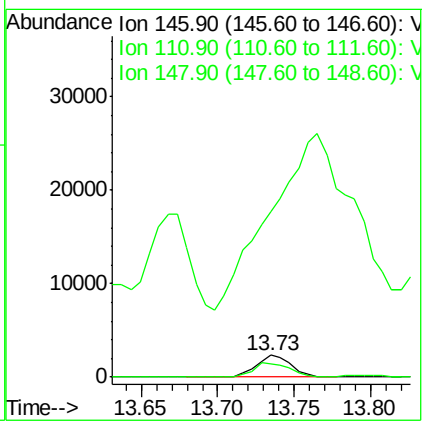


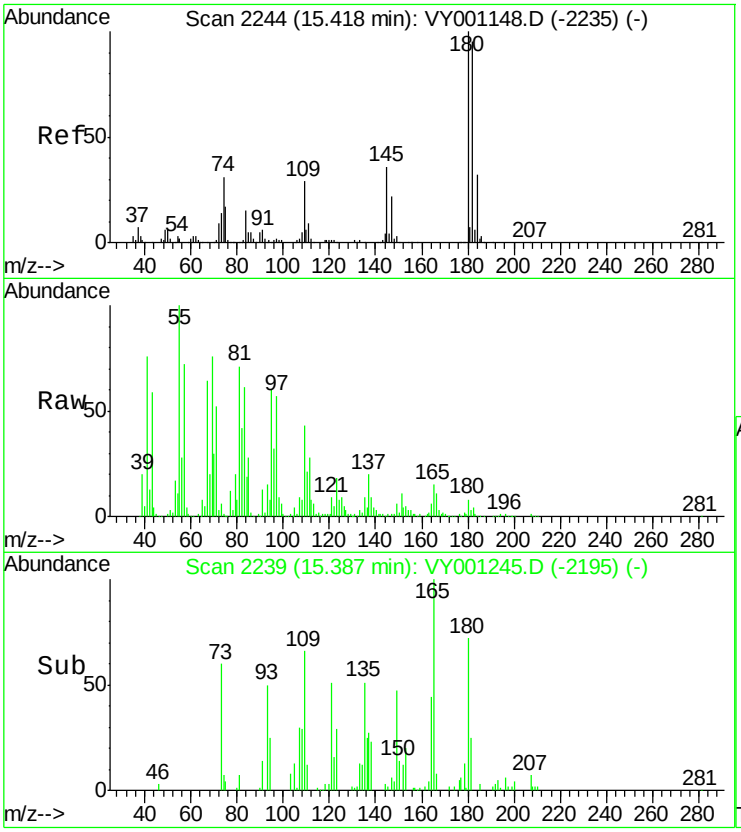


#91
1,2-Dichlorobenzene
Concen: 1.019 ug/l
RT: 13.73 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion:146 Resp: 3730

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.0	66.0#
148	66.4	32.1	96.3





#96
1,2,3-Trichlorobenzene
Concen: 2.288 ug/l
RT: 15.39 min Scan# 2239
Delta R.T. -0.03 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tgt Ion:180 Resp: 4862

Ion	Ratio	Lower	Upper
180	100		
182	37.8	47.5	142.5#
145	13.3	17.1	51.3#