Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002541.D
Acq On : 04 May 2020 15:18
Operator : SY/MD
Sample : L2443-01
Misc : 4.99G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : BP-VPB180-GW-658-660

Quant Time: May 05 07:06:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	288900	50.00	ug/l		-0.01
34) 1,4-Difluorobenzene	8.69	114	468750	50.00	ug/l		-0.01
63) Chlorobenzene-d5	11.49	117	425425	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	205002	50.00	ug/l		-0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	153730	63.29	ug/l		-0.01
Spiked Amount 50.000			Recovery = 126.58%				
35) Dibromofluoromethane	7.73	113	145062	54.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.22%				
50) Toluene-d8	10.18	98	548667	52.41	ug/l		-0.01
Spiked Amount 50.000			Recovery = 104.82%				
62) 4-Bromofluorobenzene	12.48	95	180324	50.76	ug/l		-0.01
Spiked Amount 50.000			Recovery = 101.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.91	85	317	1.913	ug/l		96
3) Chloromethane	2.12	50	4851	2.073	ug/l		91
11) Tert butyl alcohol	4.98	59	1117	4.470	ug/l	#	81
16) Acetone	3.96	43	8314	16.584	ug/l	#	87
17) Carbon Disulfide	4.20	76	9402	1.257	ug/l	#	91
20) Methylene Chloride	4.73	84	4237	1.511	ug/l		92
25) 2-Butanone	7.00	43	2322	2.830	ug/l		94
31) Cyclohexane	7.80	56	5032	1.153	ug/l	#	1
36) 1,1-Dichloropropene	7.80	75	18567	4.725	ug/l	#	49
38) Carbon Tetrachloride	7.80	117	26513	6.180	ug/l	#	16
51) 4-Methyl-2-Pentanone	10.07	43	4209	2.157	ug/l		95
74) N-amyl acetate	12.12	43	5566	1.742	ug/l	#	41
76) 1,2,3-Trichloropropane	12.48	75	88170	48.398	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	88170	97.047	ug/l	#	15

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
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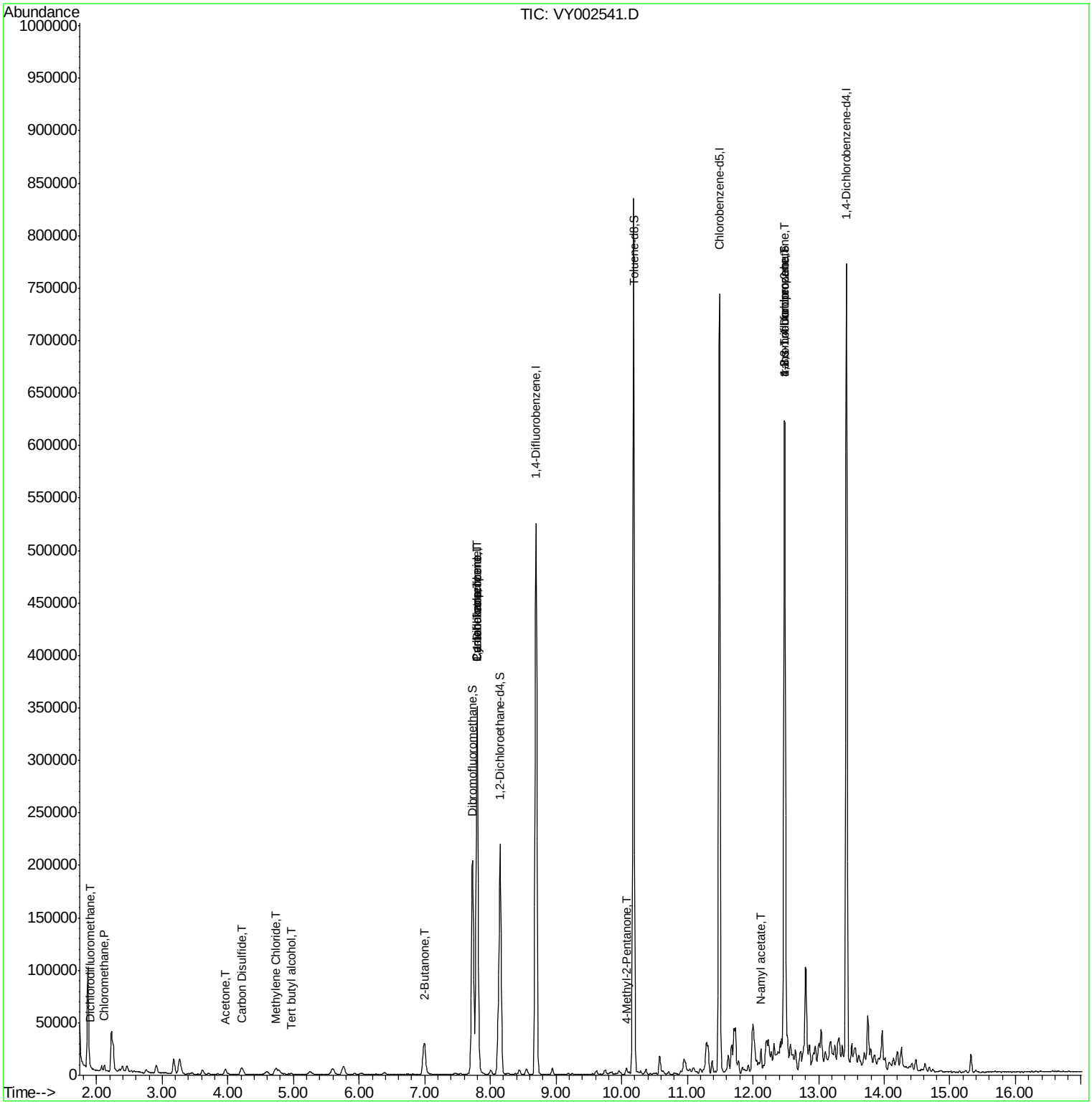
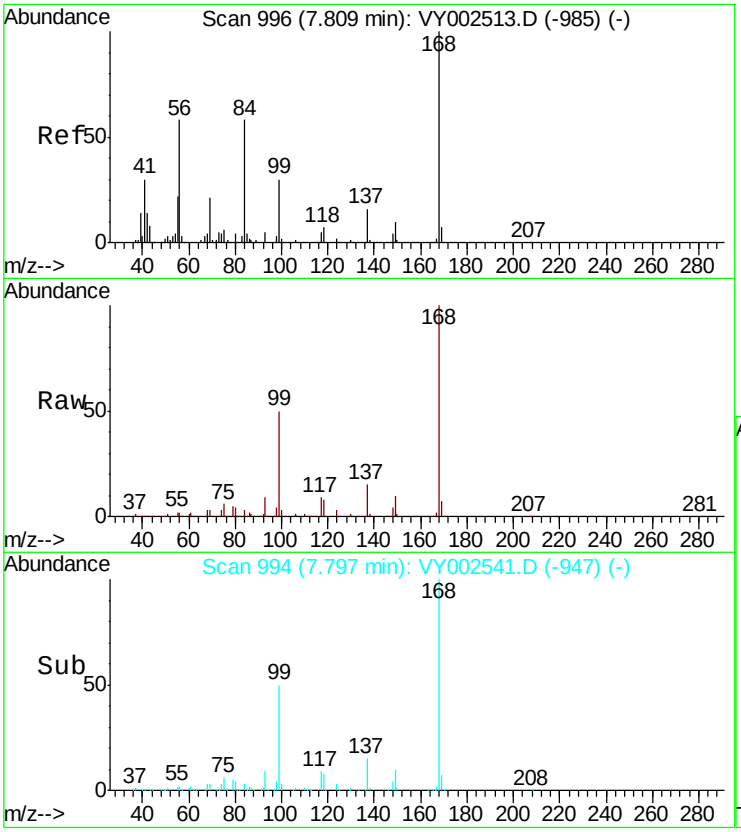
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Quant Time: May 05 07:06:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration



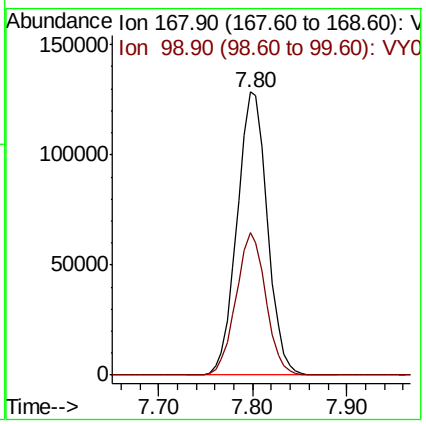


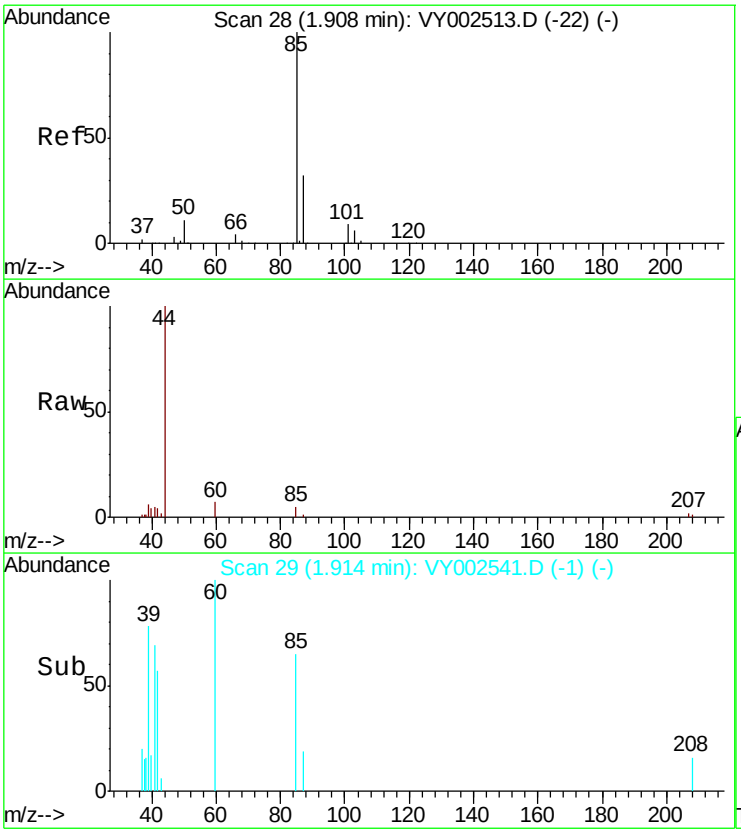
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tgt Ion:168 Resp: 288900

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.2	58.8

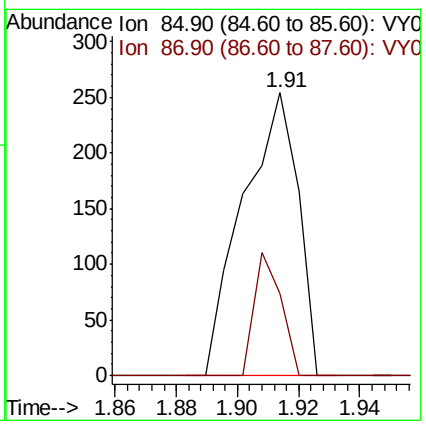


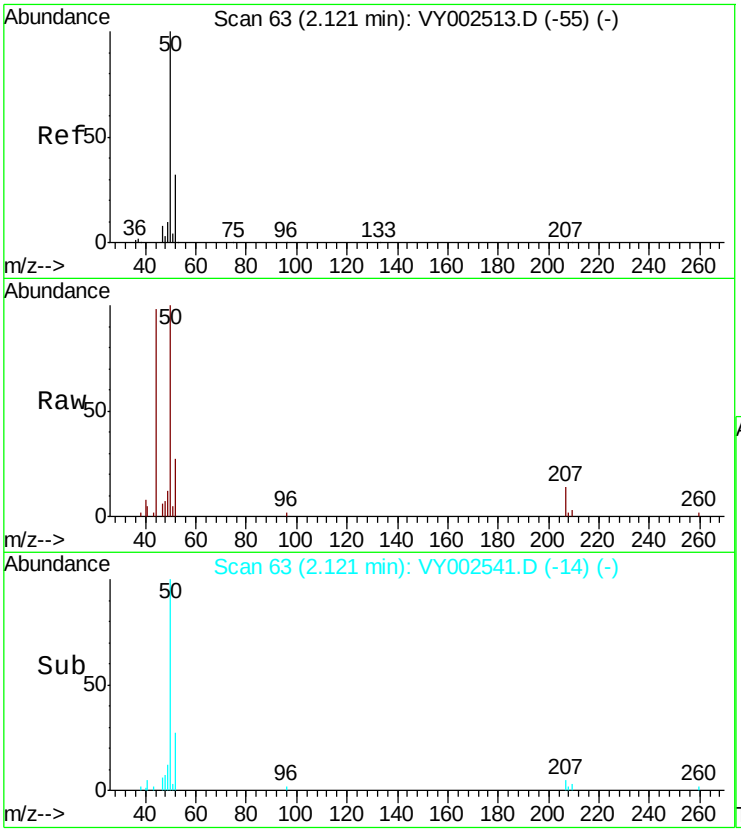


#2
Dichlorodifluoromethane
Concen: 1.913 ug/l
RT: 1.91 min Scan# 29
Delta R.T. 0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion: 85 Resp: 317

Ion	Ratio	Lower	Upper
85	100		
87	29.1	15.8	47.4



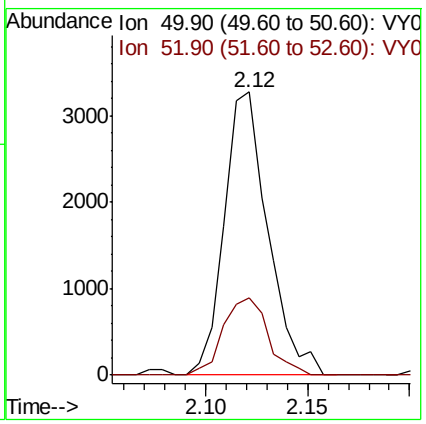


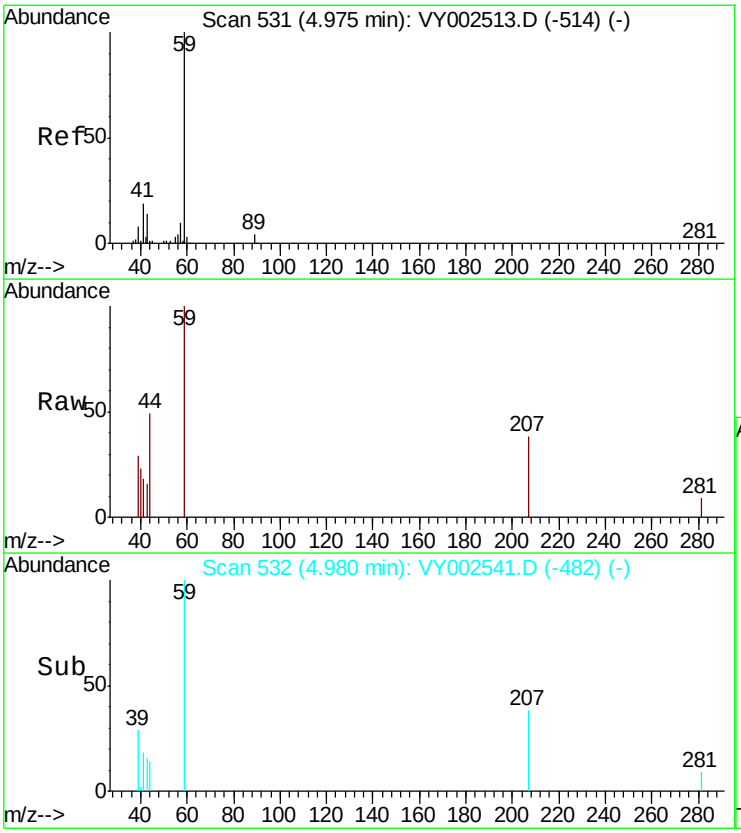
#3
Chloromethane
Concen: 2.073 ug/l
RT: 2.12 min Scan# 63
Delta R.T. -0.00 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tgt Ion: 50 Resp: 4851

Ion	Ratio	Lower	Upper
50	100		
52	27.5	25.9	38.9

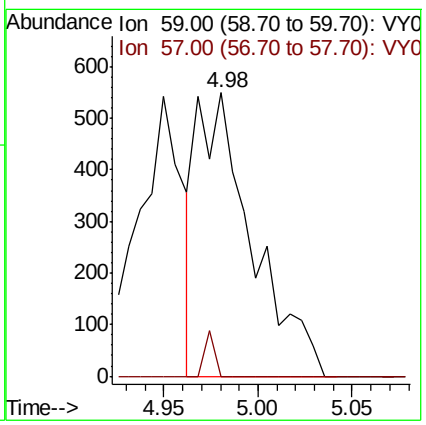


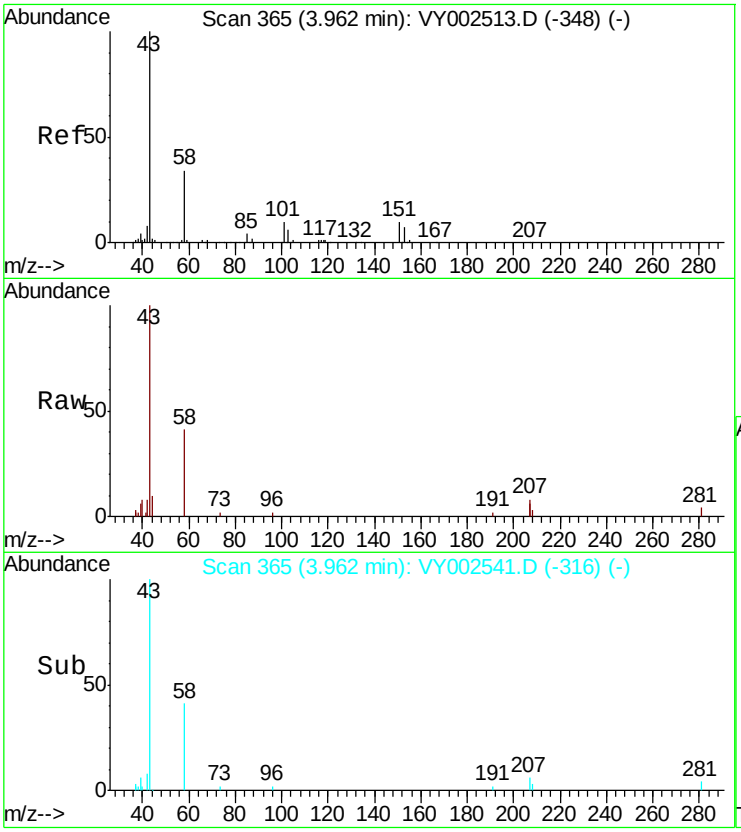


#11
Tert butyl alcohol
Concen: 4.470 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion: 59 Resp: 1117

Ion	Ratio	Lower	Upper
59	100		
57	2.9	7.8	11.6#



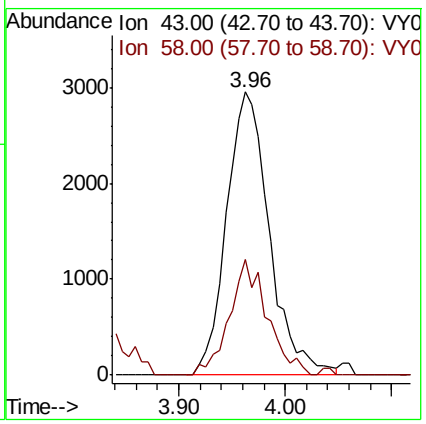


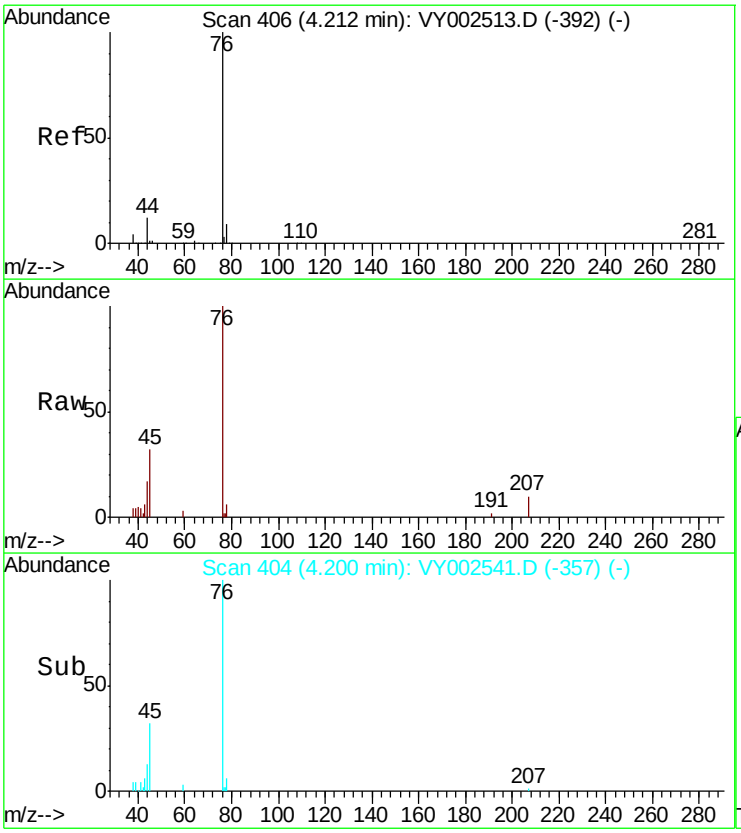
#16
Acetone
Concen: 16.584 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.00 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tgt Ion: 43 Resp: 8314

Ion	Ratio	Lower	Upper
43	100		
58	40.8	26.9	40.3#

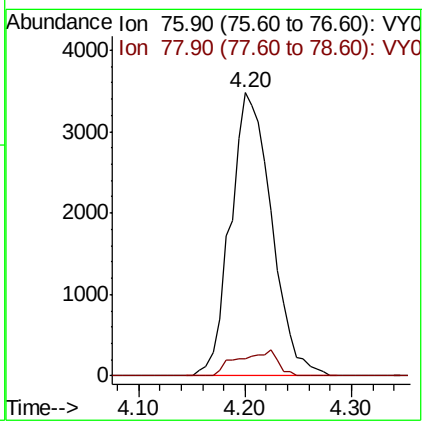


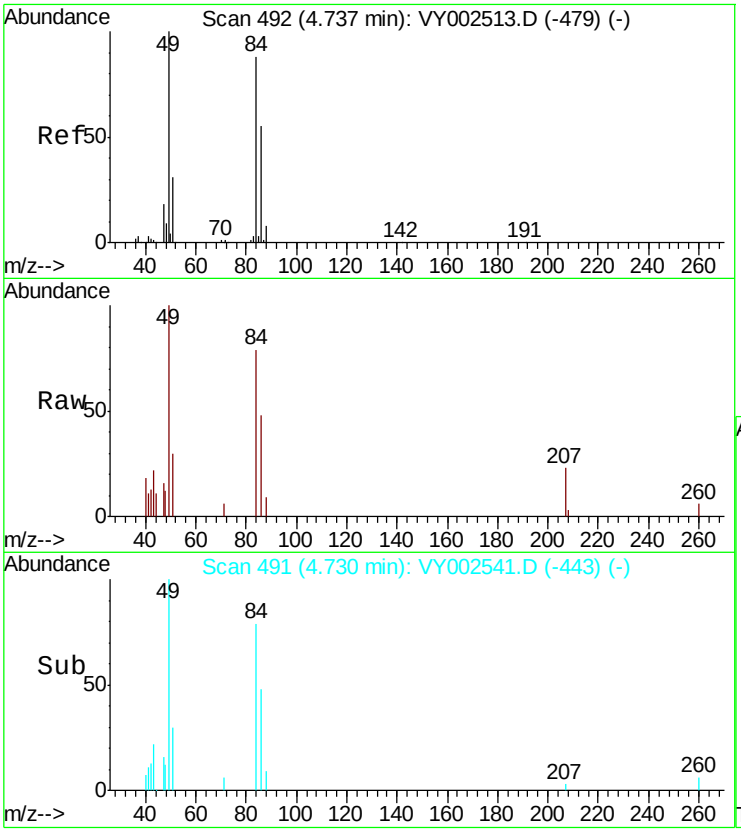


#17
Carbon Disulfide
Concen: 1.257 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion: 76 Resp: 9402

Ion	Ratio	Lower	Upper
76	100		
78	5.9	7.4	11.2#



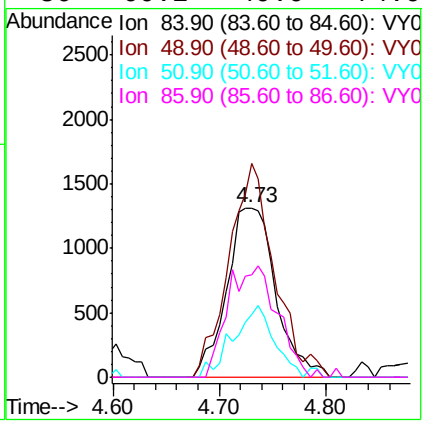


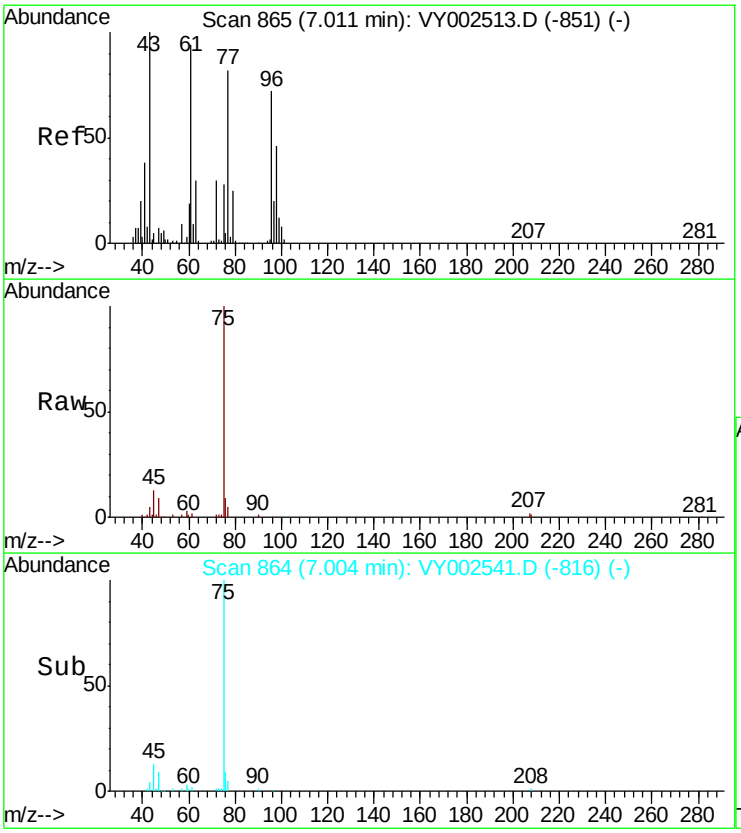
#20
Methylene Chloride
Concen: 1.511 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tgt Ion: 84 Resp: 4237

Ion	Ratio	Lower	Upper
84	100		
49	126.2	90.5	135.7
51	37.4	28.3	42.5
86	60.2	49.9	74.9

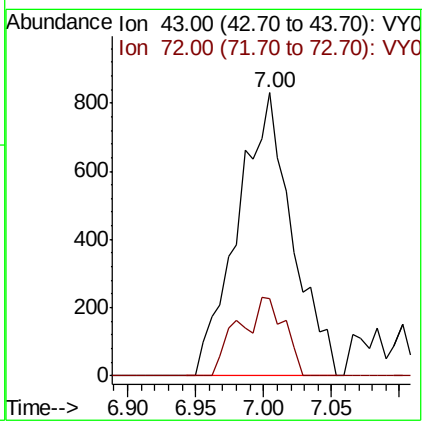


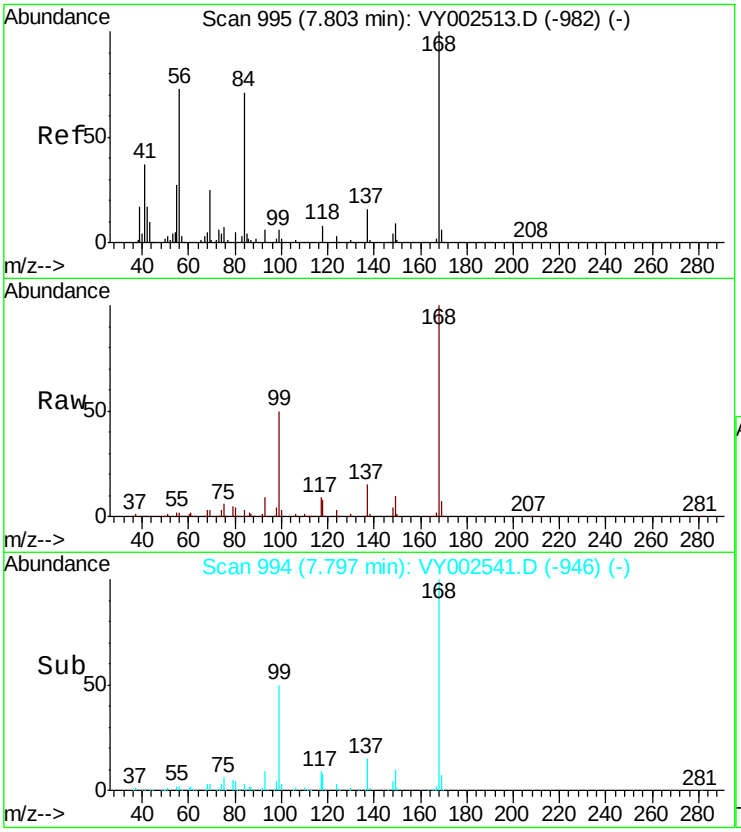


#25
2-Butanone
Concen: 2.830 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion: 43 Resp: 2322

Ion	Ratio	Lower	Upper
43	100		
72	27.1	24.1	36.1



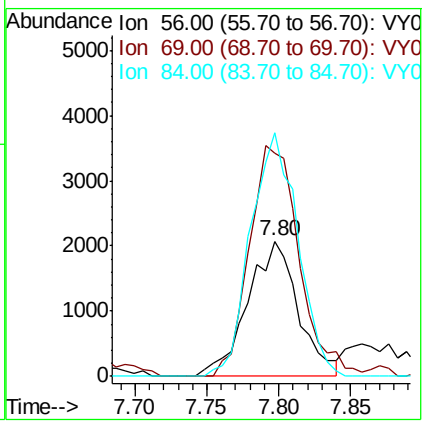


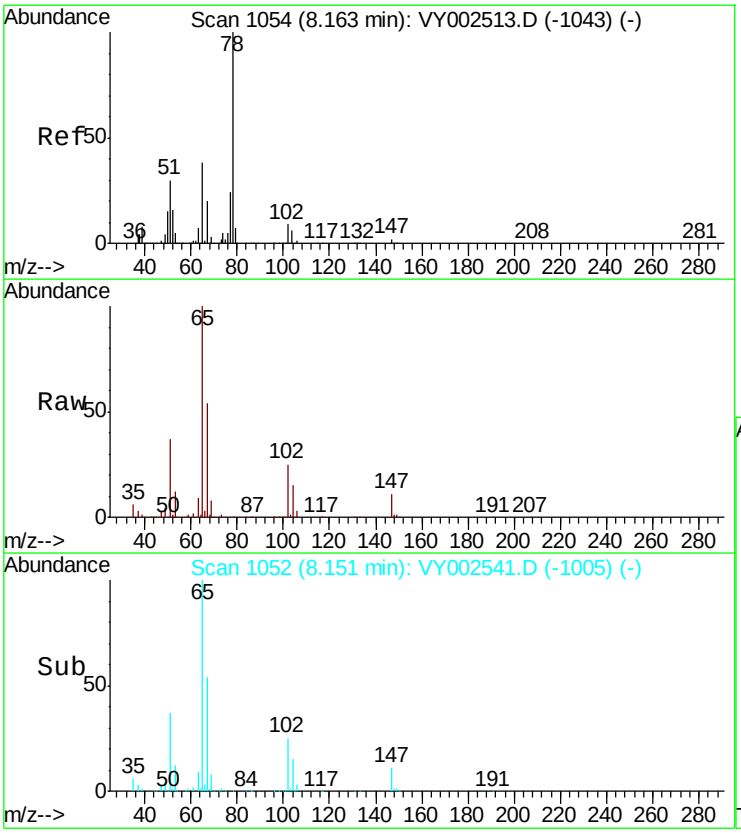
#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tgt Ion: 56 Resp: 5032

Ion	Ratio	Lower	Upper
56	100		
69	165.8	27.6	41.4#
84	180.5	77.7	116.5#

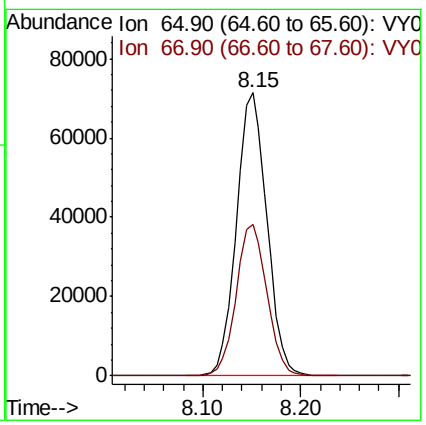


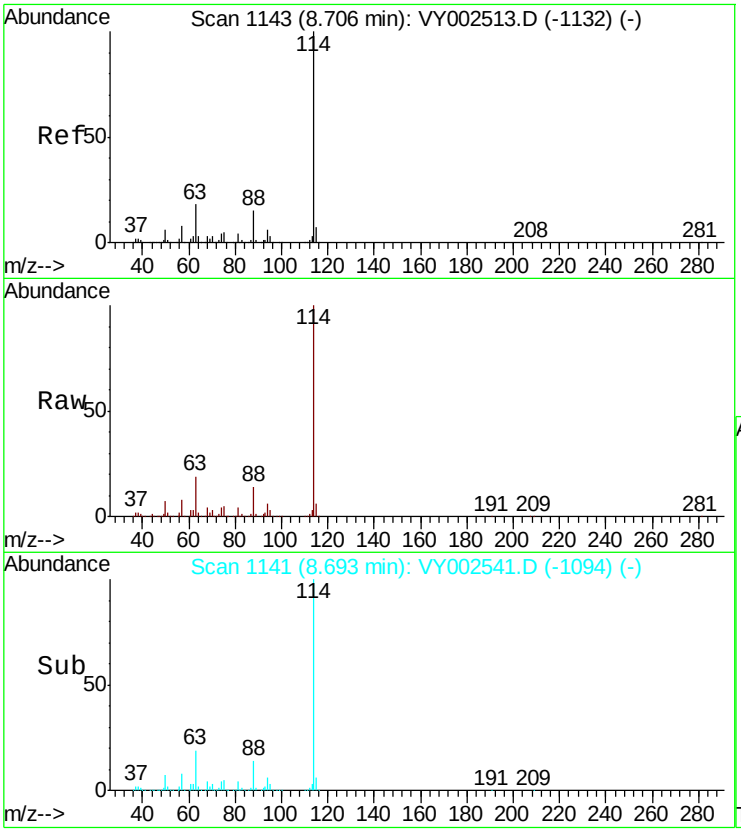


#33
1,2-Dichloroethane-d4
Concen: 63.286 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion: 65 Resp: 153730

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2



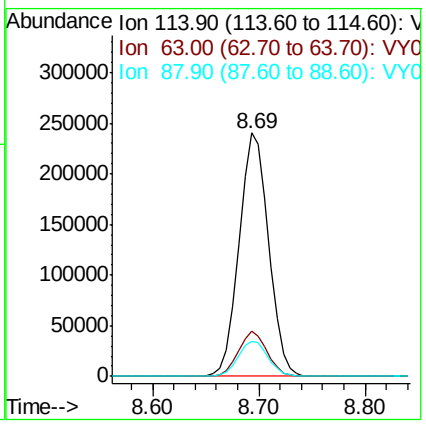


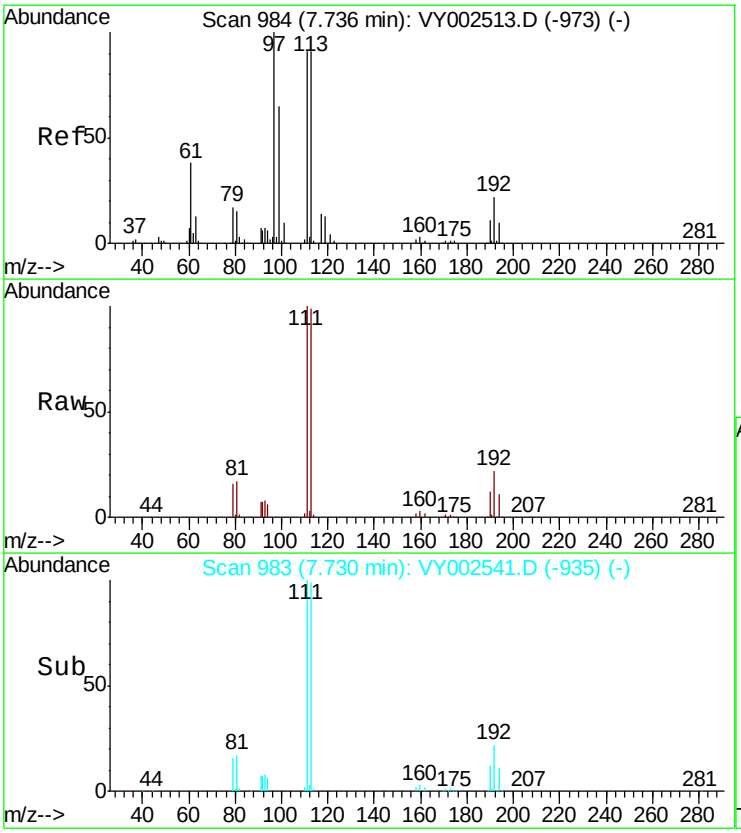
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tgt Ion:114 Resp: 468750

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.4
88	14.2	0.0	29.6

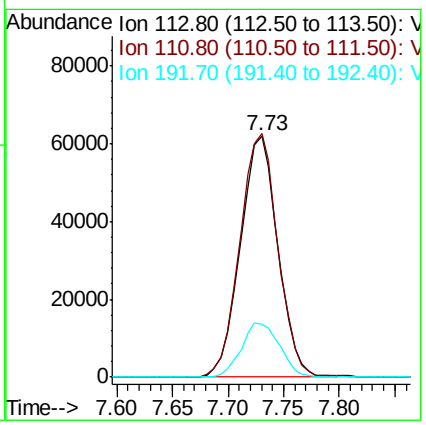


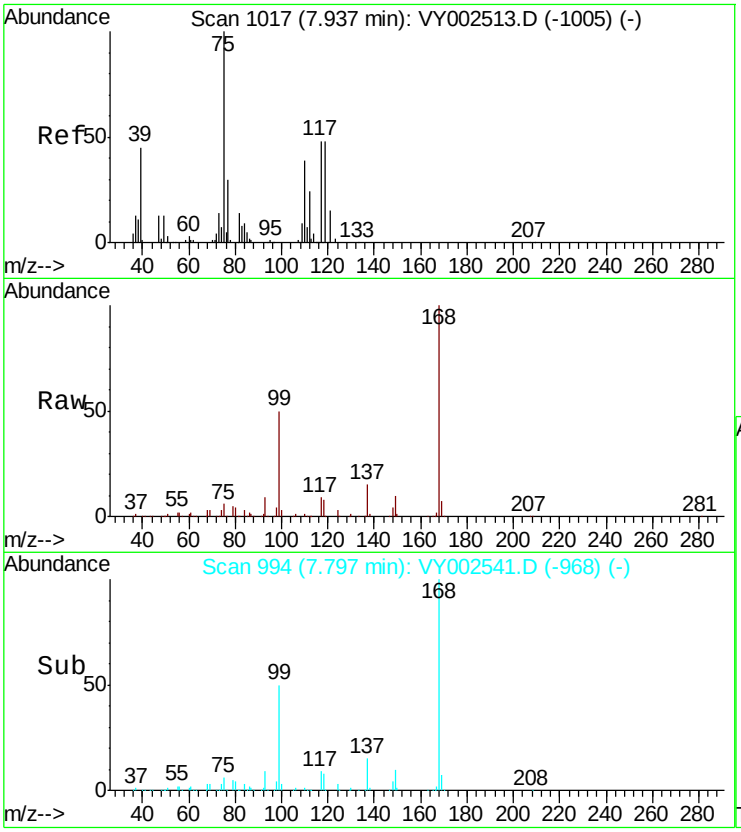


#35
Dibromofluoromethane
Concen: 54.112 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion:113 Resp: 145062

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	22.8	18.2	27.4



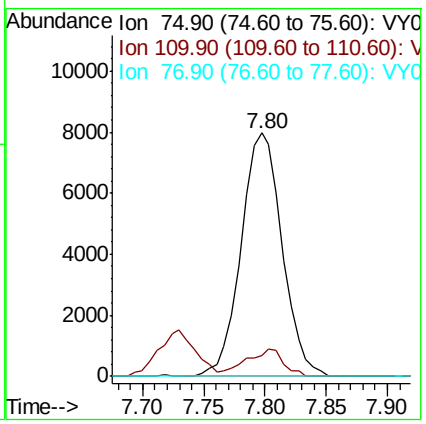


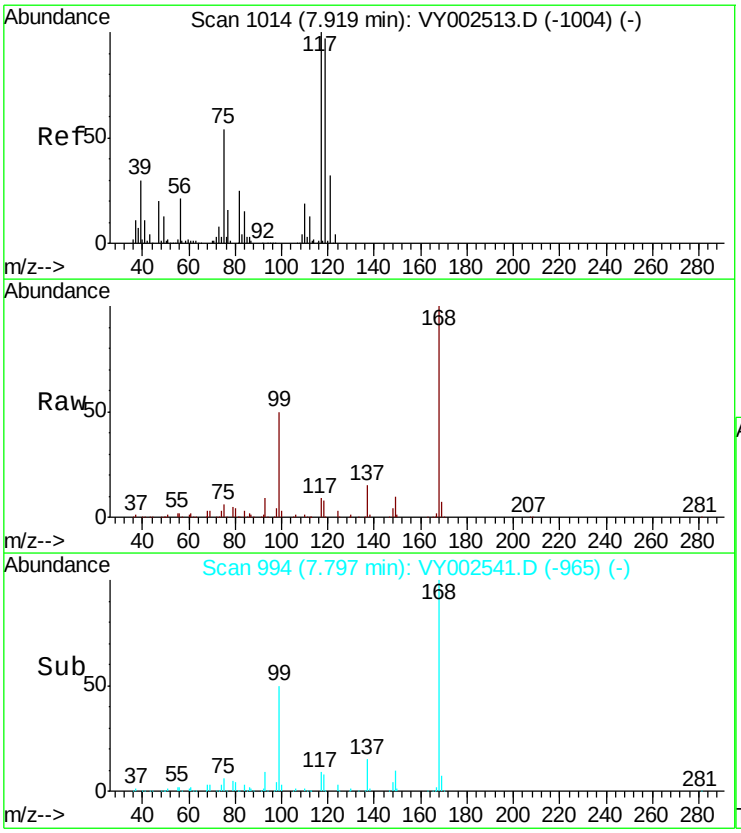
#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.14 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tgt Ion: 75 Resp: 18567

Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.1	57.3#
77	0.0	24.6	37.0#

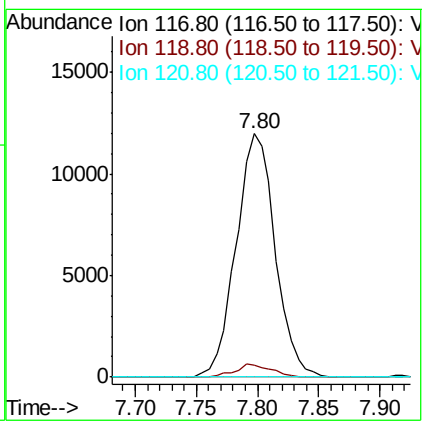


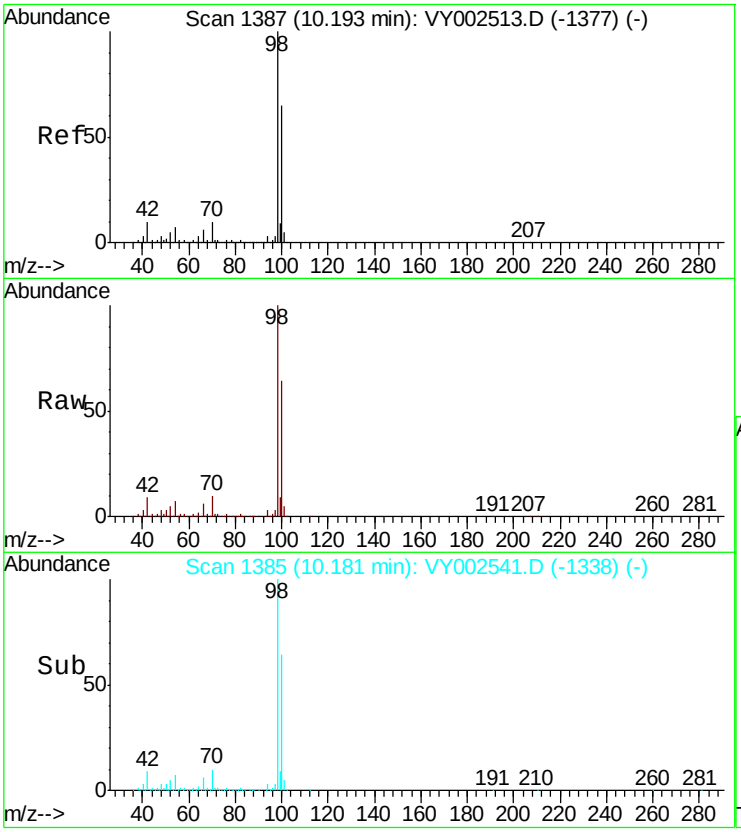


#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion:117 Resp: 26513

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.1	115.7#
121	0.0	25.2	37.8#



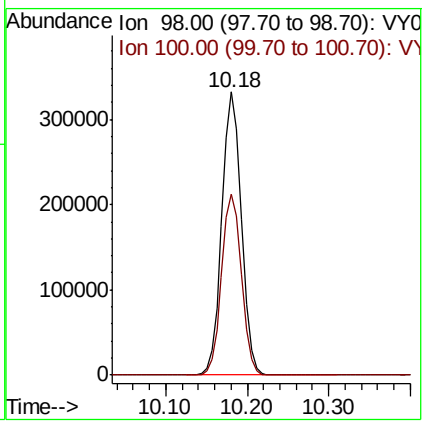


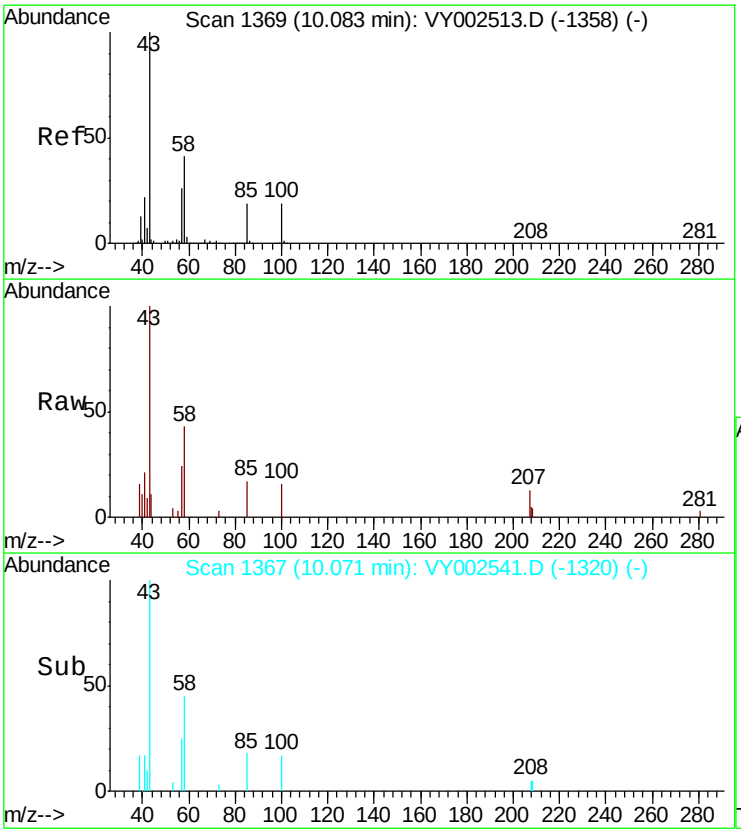
#50
Toluene-d8
Concen: 52.409 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tgt Ion: 98 Resp: 548667

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2

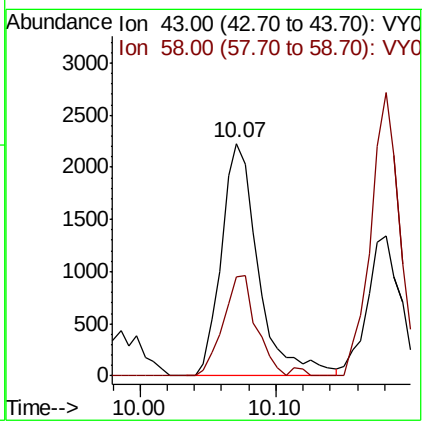


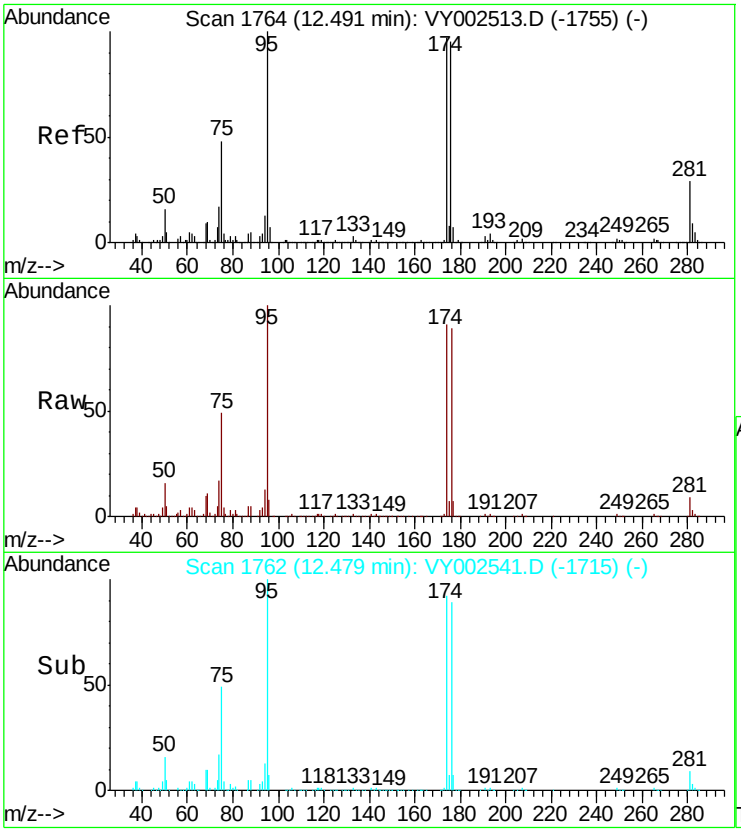


#51
4-Methyl-2-Pentanone
Concen: 2.157 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion: 43 Resp: 4209

Ion	Ratio	Lower	Upper
43	100		
58	38.5	33.2	49.8



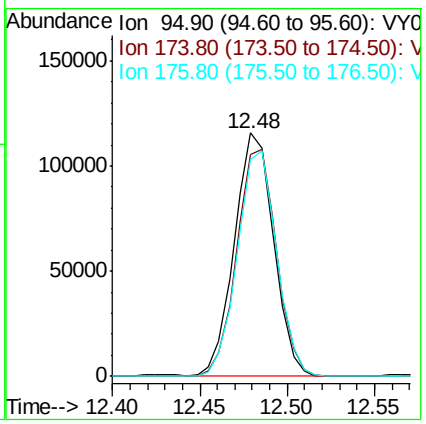


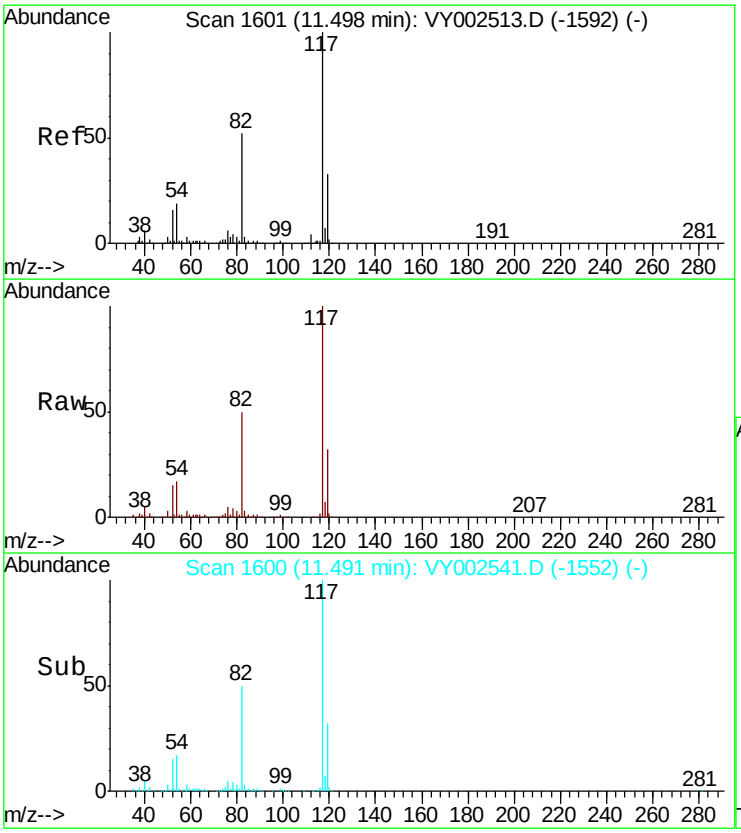
#62
4-Bromofluorobenzene
Concen: 50.762 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tgt Ion: 95 Resp: 180324

Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	188.8
176	92.7	0.0	183.2

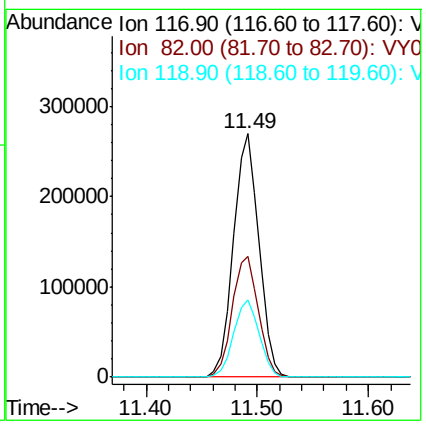


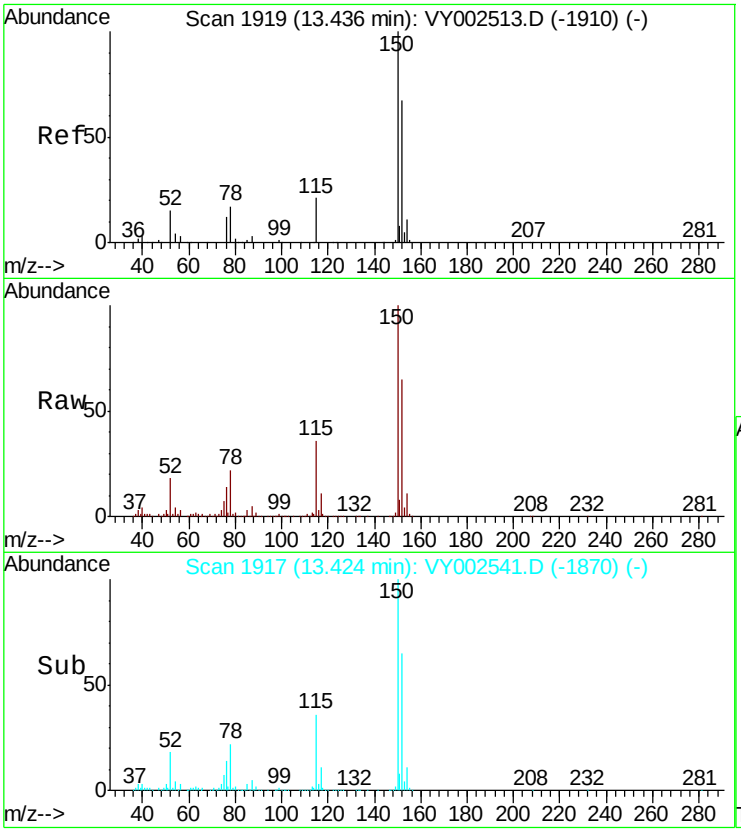


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion:117 Resp: 425425

Ion	Ratio	Lower	Upper
117	100		
82	49.5	41.3	61.9
119	31.7	26.0	39.0



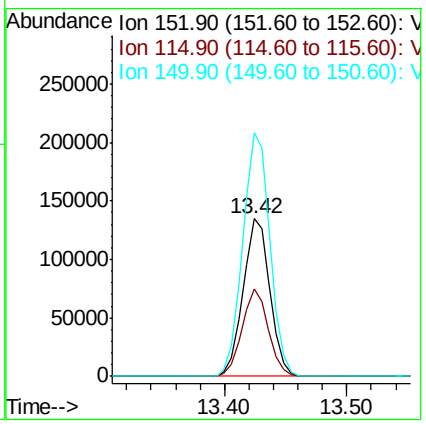


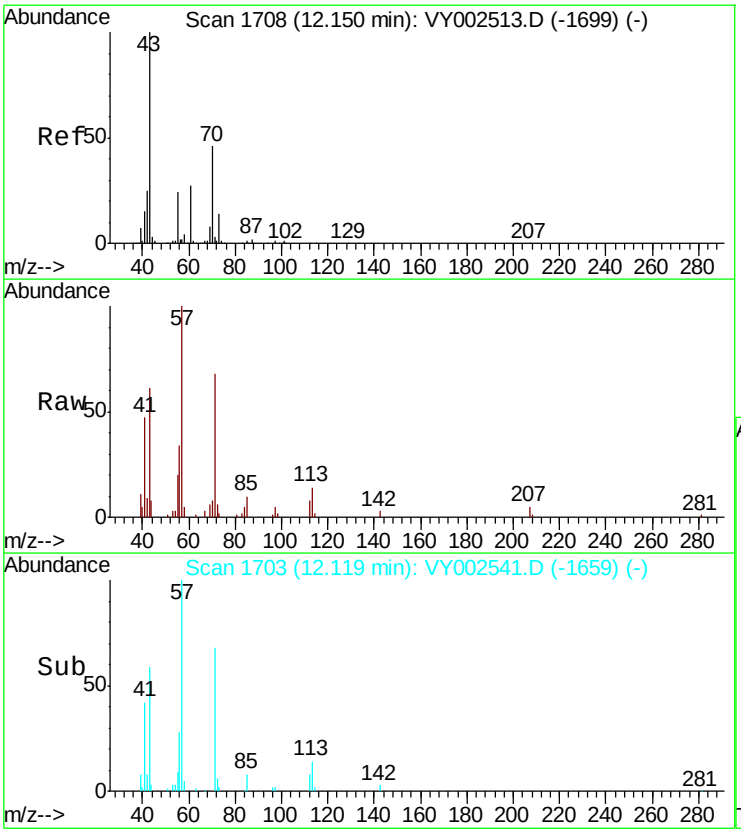
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tgt Ion:152 Resp: 205002

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.5	82.4
150	156.4	0.0	346.4

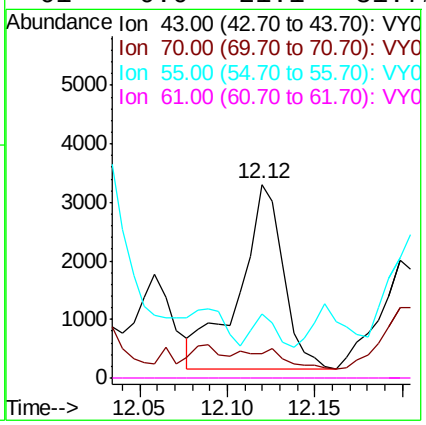


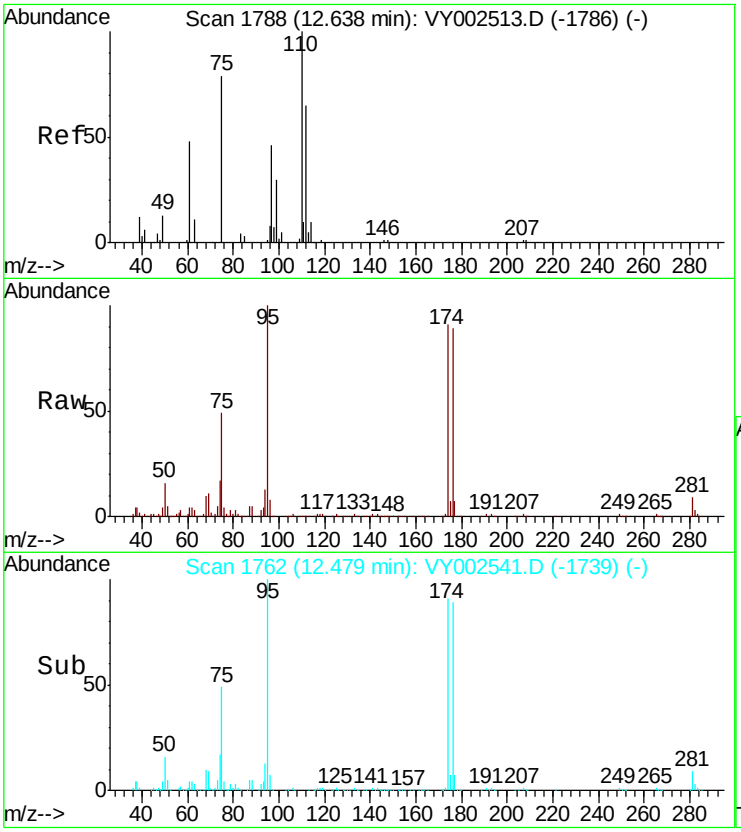


#74
N-amyl acetate
Concen: 1.742 ug/l
RT: 12.12 min Scan# 1703
Delta R.T. -0.03 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion: 43 Resp: 5566

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.7	55.1#
55	0.0	19.2	28.8#
61	0.0	21.1	31.7#



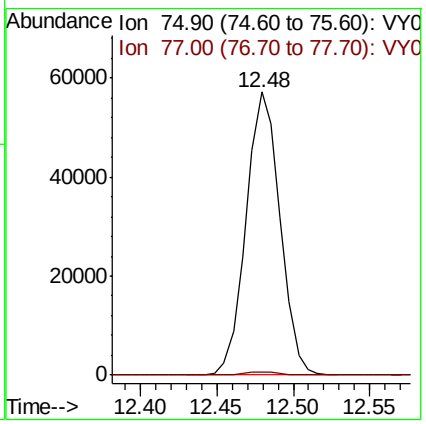


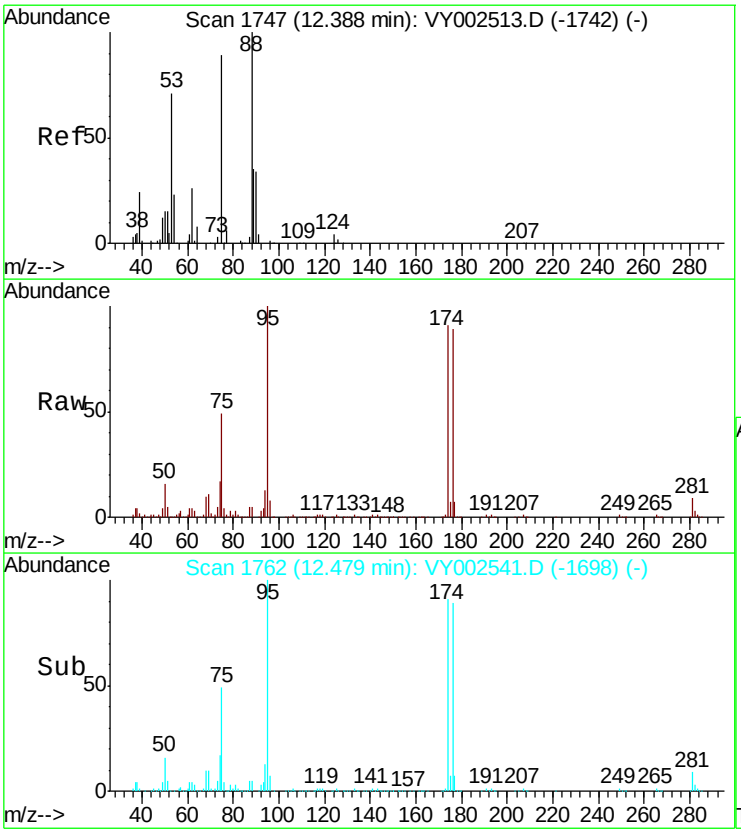
#76
1,2,3-Trichloropropane
Concen: 48.398 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tgt Ion: 75 Resp: 88170

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 97.047 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion: 75 Resp: 88170

Ion	Ratio	Lower	Upper
75	100		
53	0.1	67.4	101.0#
89	0.1	37.4	56.0#