Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050520\
Data File : VY002587.D
Acq On : 05 May 2020 15:29
Operator : SY/MD
Sample : L2463-08RE
Misc : 4.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 06 03:20:17 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	7.81	168	339276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	533204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	455209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	182751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	156422	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.66%			
35) Dibromofluoromethane	7.73	113	160208	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.08%			
50) Toluene-d8	10.19	98	619261	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.00%			
62) 4-Bromofluorobenzene	12.49	95	179683	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	95	1.817	ug/l #	43
11) Tert butyl alcohol	4.96	59	481	1.639	ug/l #	74
13) Acrolein	3.75	56	215	1.059	ug/l #	74
16) Acetone	3.97	43	72684	123.458	ug/l	97
20) Methylene Chloride	4.73	84	7356	2.234	ug/l	95
25) 2-Butanone	7.00	43	25901	26.876	ug/l	94
31) Cyclohexane	7.80	56	5877	1.146	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	22242	4.976	ug/l #	49
37) Ethyl Acetate	7.00	43	25901	11.276	ug/l #	67
38) Carbon Tetrachloride	7.80	117	29993	6.146	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	87447	53.845	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	87447	107.970	ug/l #	16
95) Naphthalene	15.24	128	12718	1.922	ug/l #	95

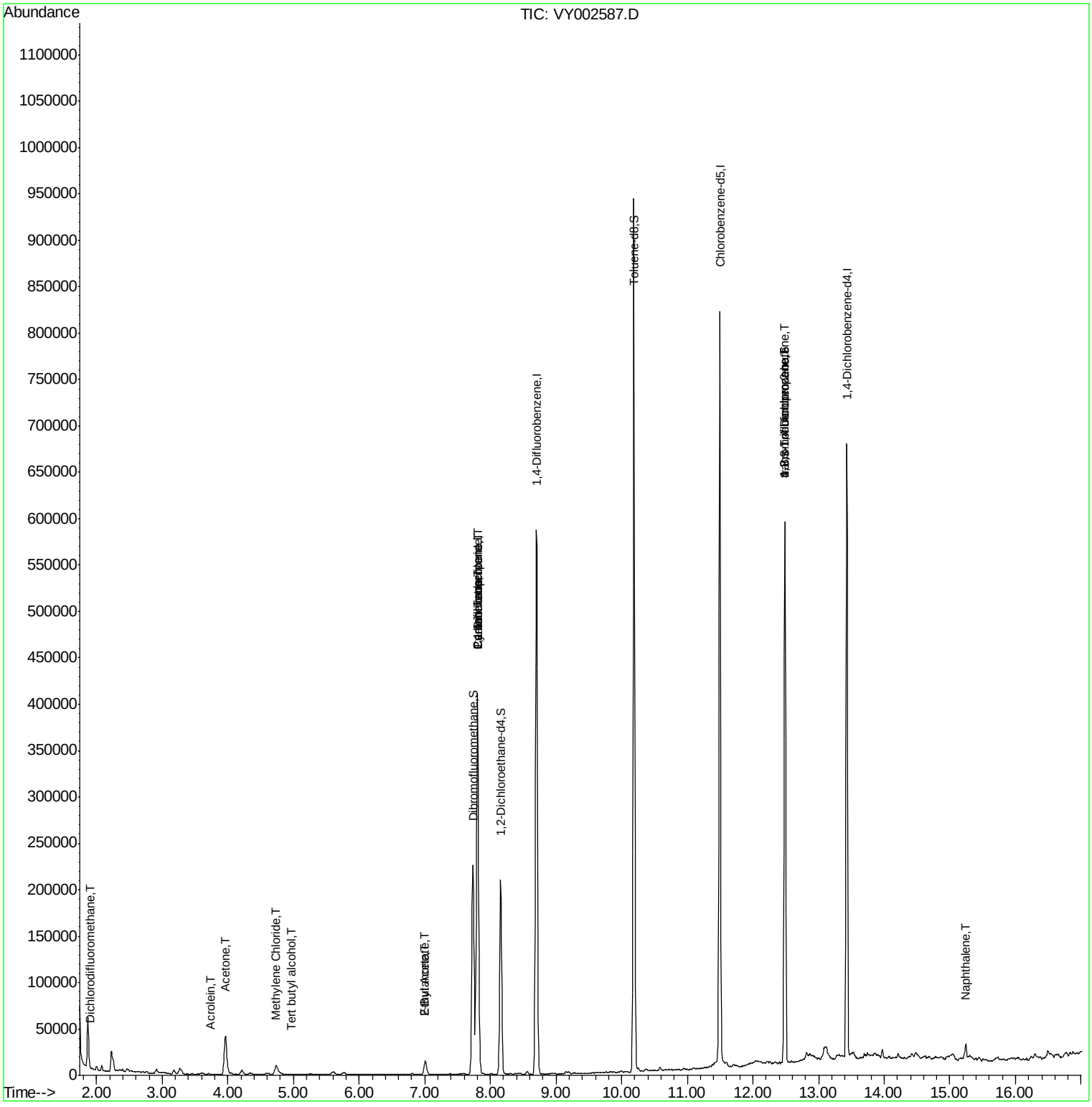
(#) = qualifier out of range (m) = manual integration (+) = signals summed

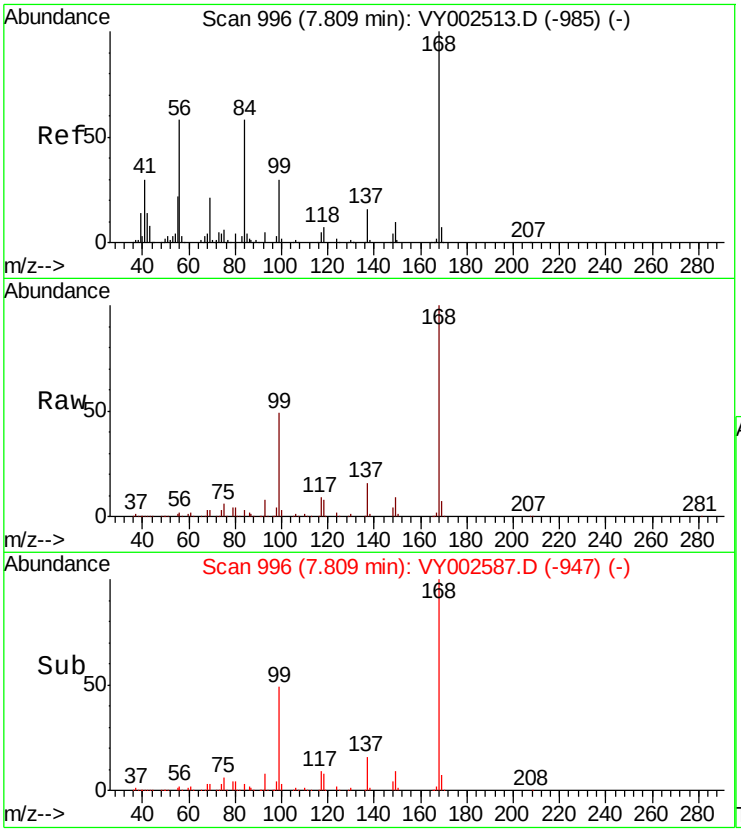
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050520\
Data File : VY002587.D
Acq On : 05 May 2020 15:29
Operator : SY/MD
Sample : L2463-08RE
Misc : 4.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 06 03:20:17 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



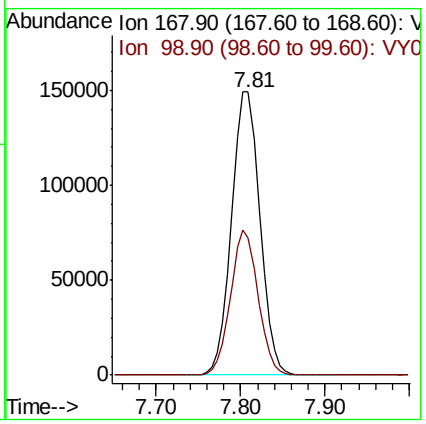


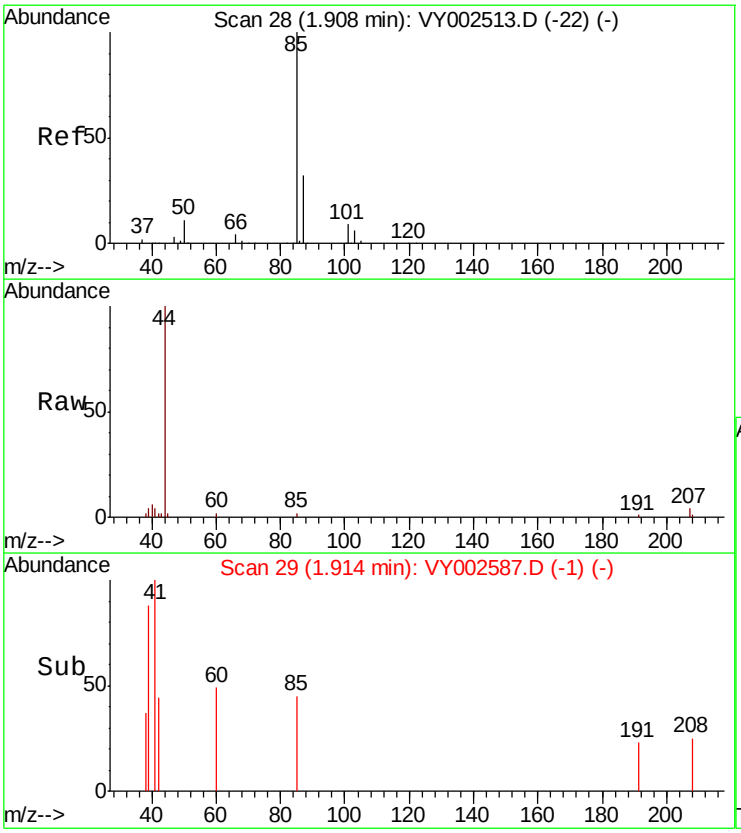
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.00 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 339276

Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.2	58.8

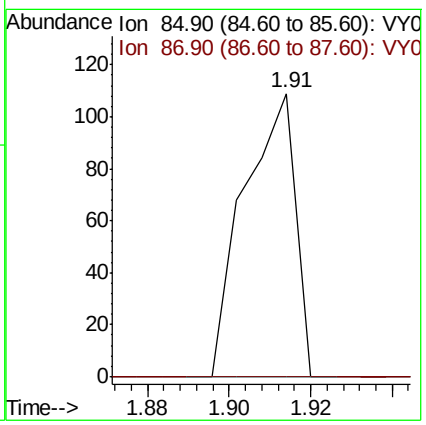


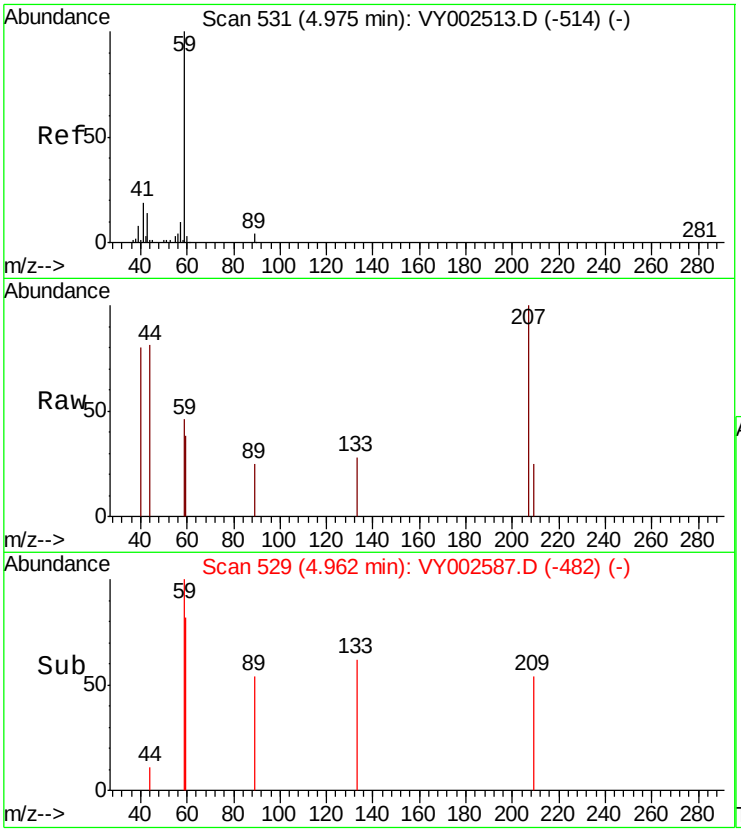


#2
Dichlorodifluoromethane
Concen: 1.817 ug/l
RT: 1.91 min Scan# 29
Delta R.T. 0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Tgt Ion: 85 Resp: 95

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.8	47.4#



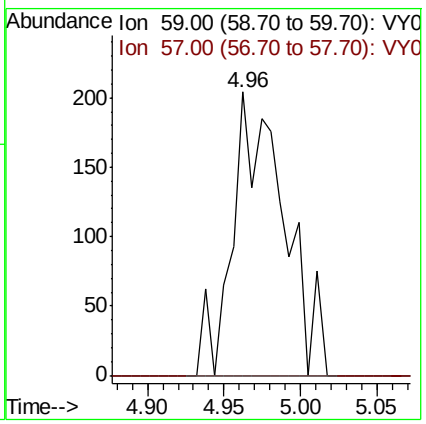


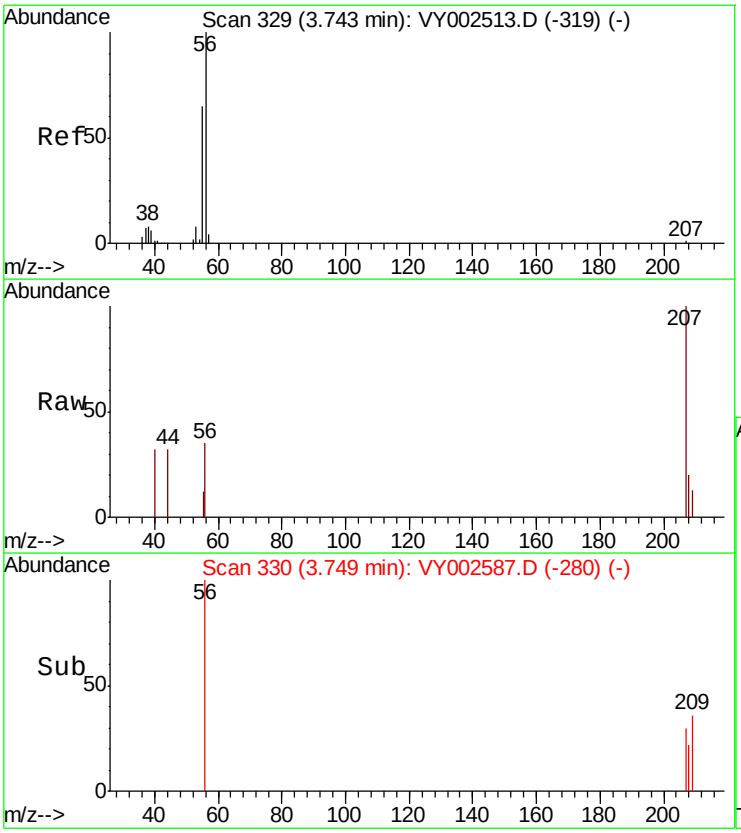
#11
Tert butyl alcohol
Concen: 1.639 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 481

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

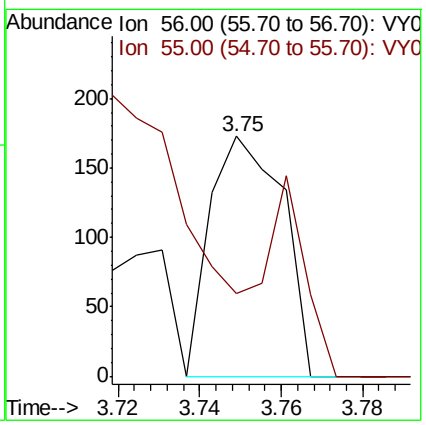


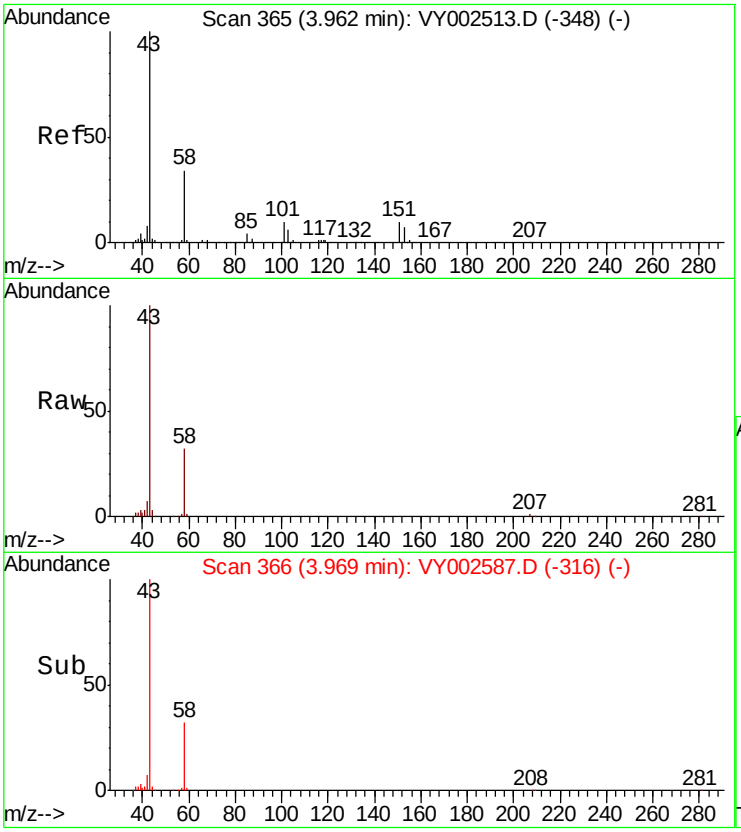


#13
Acrolein
Concen: 1.059 ug/l
RT: 3.75 min Scan# 330
Delta R.T. 0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Tgt Ion: 56 Resp: 215

Ion	Ratio	Lower	Upper
56	100		
55	46.0	53.8	80.6#



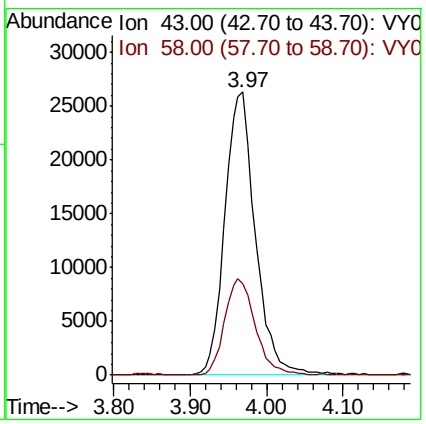


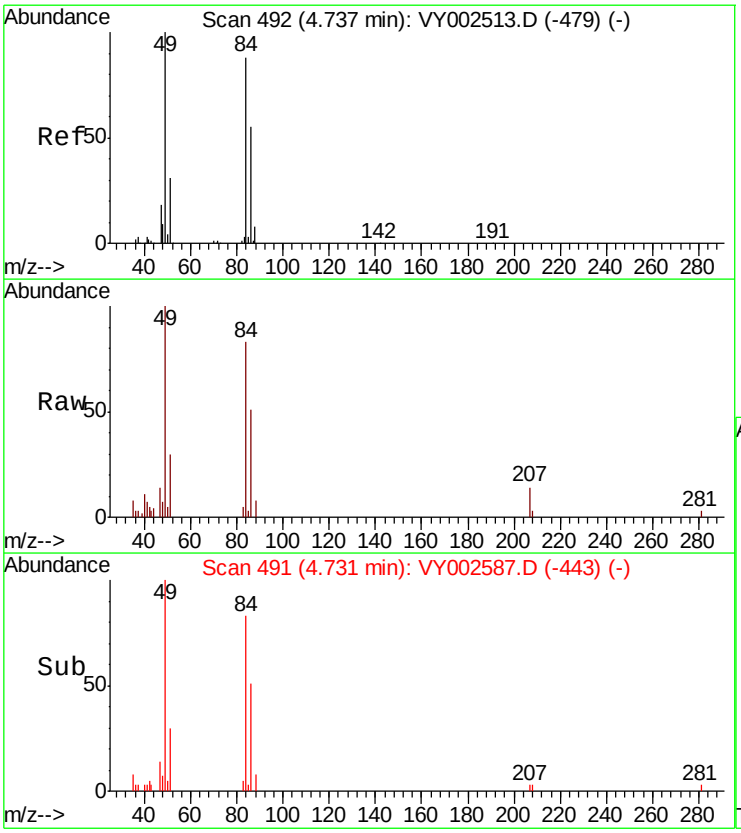
#16
Acetone
Concen: 123.458 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 72684

Ion	Ratio	Lower	Upper
43	100		
58	32.1	26.9	40.3

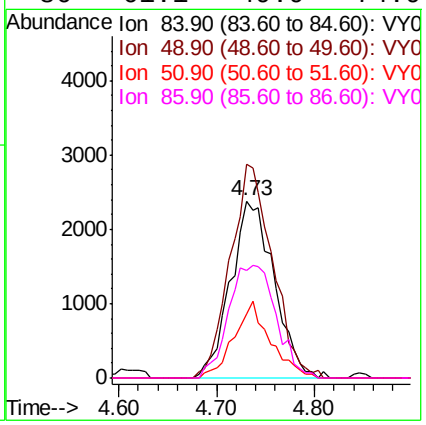


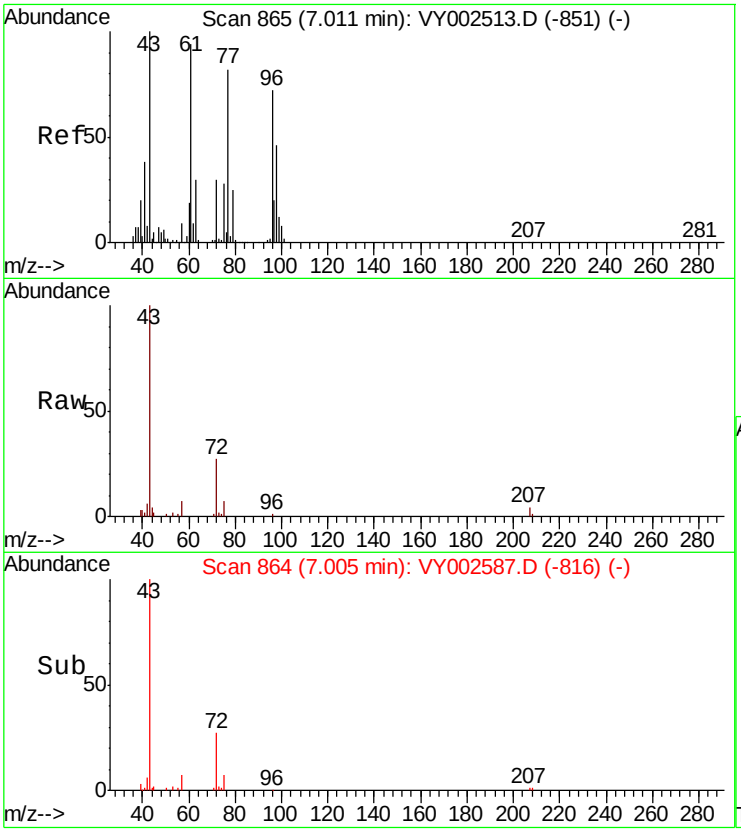


#20
Methylene Chloride
Concen: 2.234 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Tgt Ion: 84 Resp: 7356

Ion	Ratio	Lower	Upper
84	100		
49	120.8	90.5	135.7
51	36.0	28.3	42.5
86	61.1	49.9	74.9



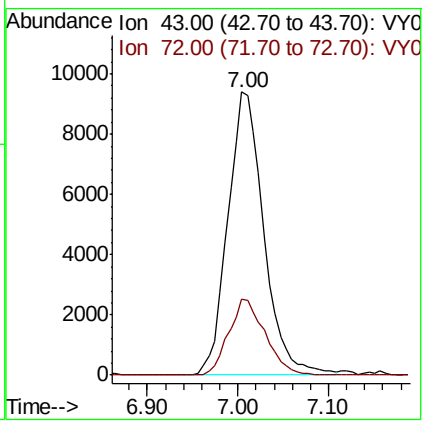


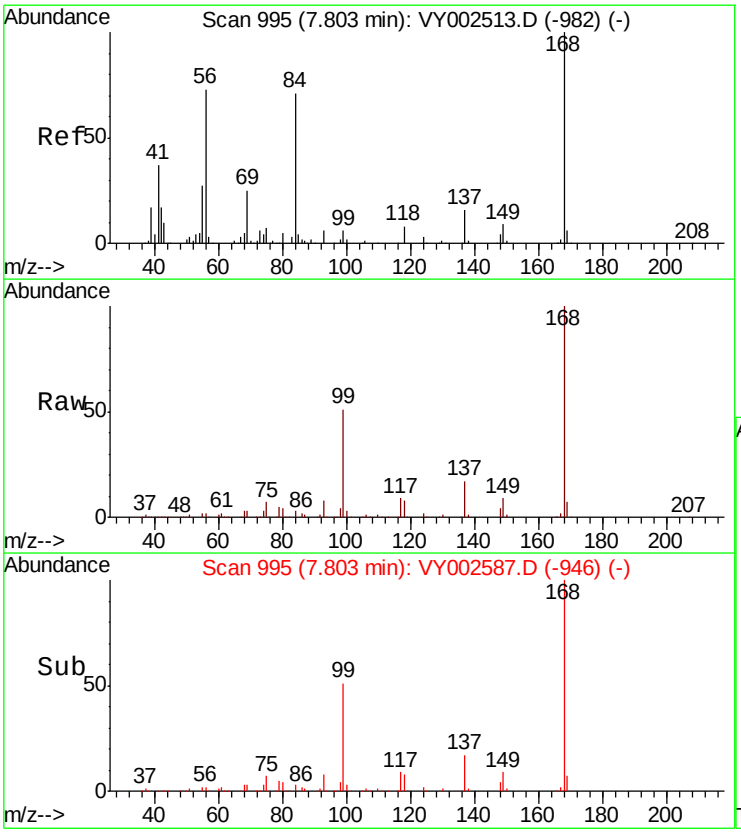
#25
2-Butanone
Concen: 26.876 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 25901

Ion	Ratio	Lower	Upper
43	100		
72	26.8	24.1	36.1

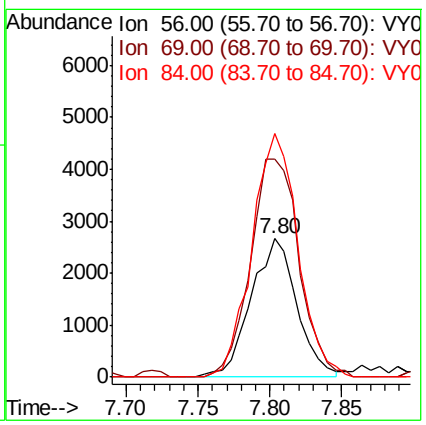


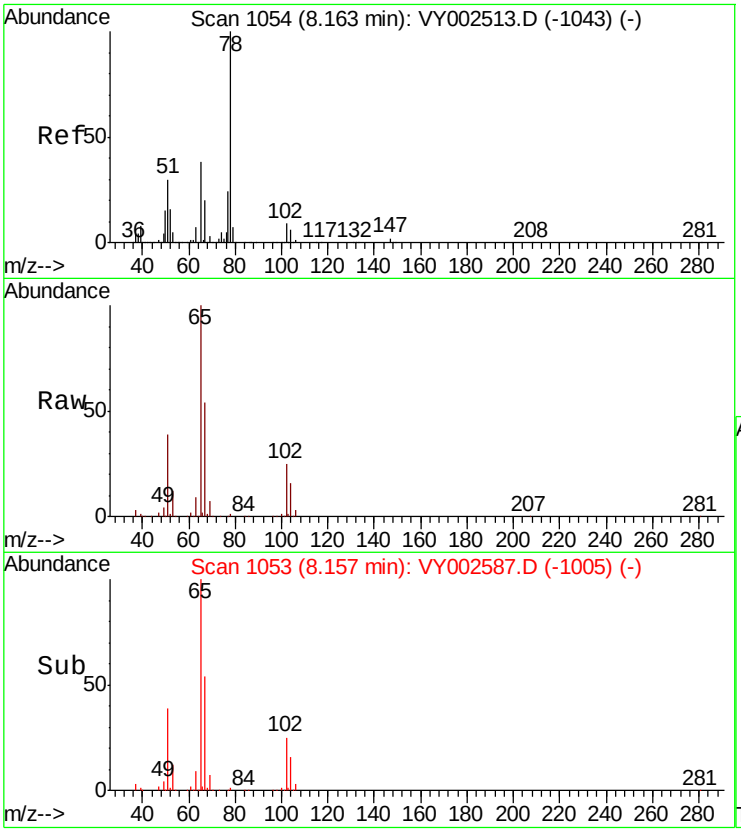


#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Tgt Ion: 56 Resp: 5877

Ion	Ratio	Lower	Upper
56	100		
69	158.1	27.6	41.4#
84	176.4	77.7	116.5#



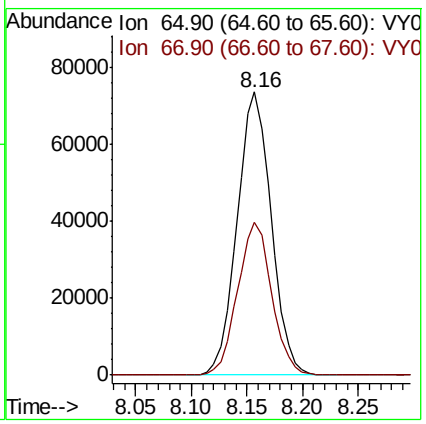


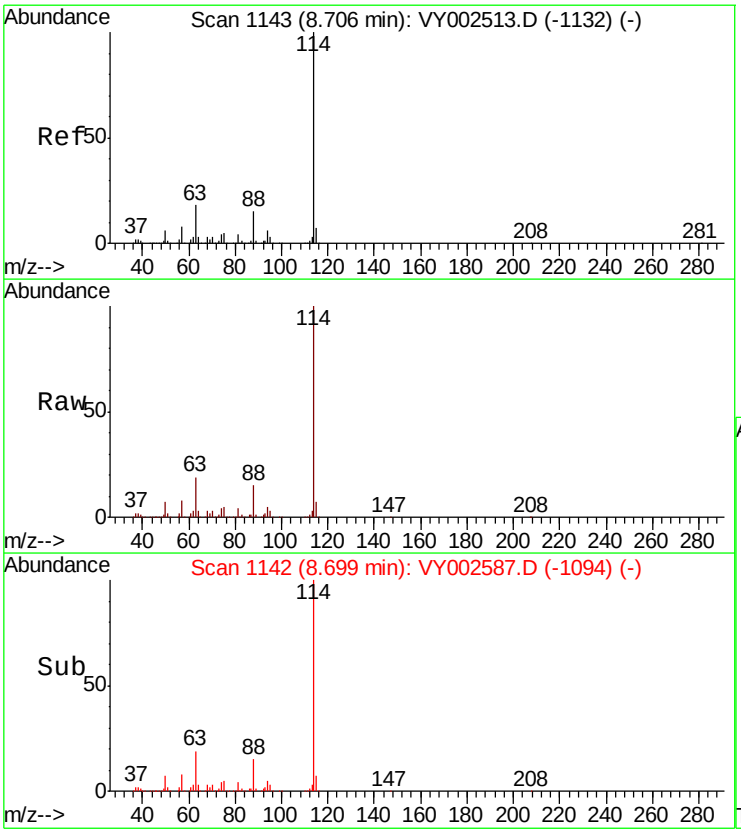
#33
1,2-Dichloroethane-d4
Concen: 54.833 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 156422

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2

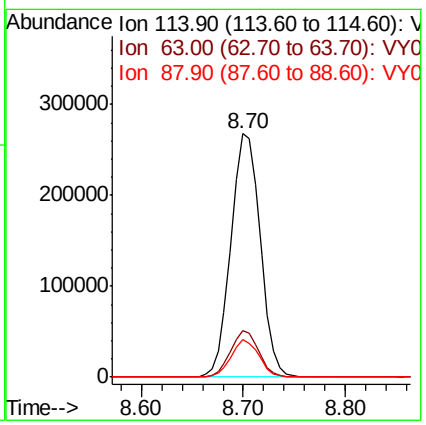


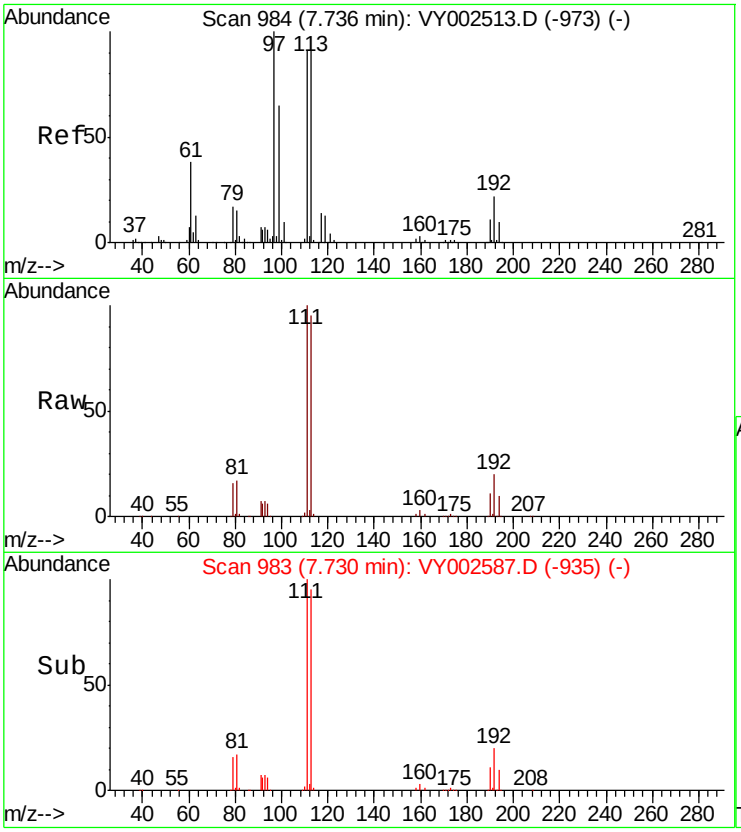


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Tgt Ion:114 Resp: 533204

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	36.4
88	15.2	0.0	29.6



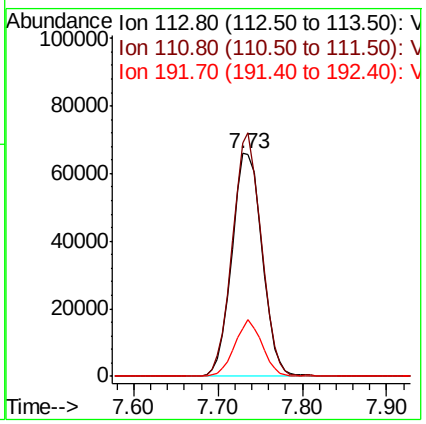


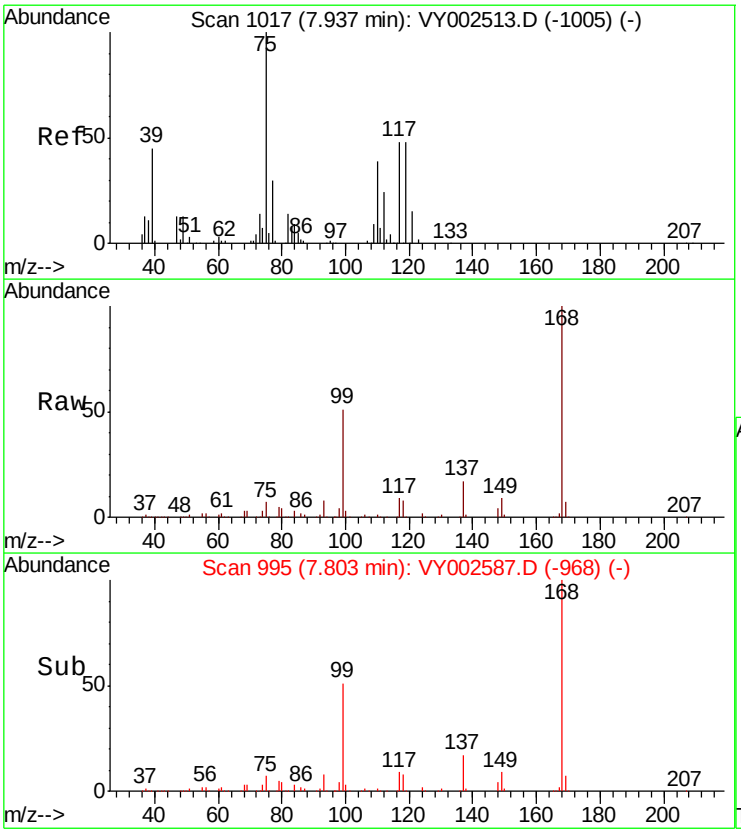
#35
Dibromofluoromethane
Concen: 52.537 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 160208

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	22.8	18.2	27.4

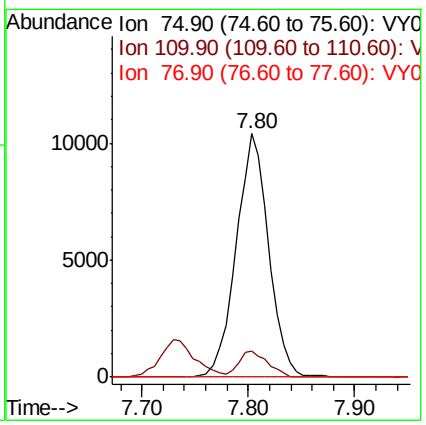


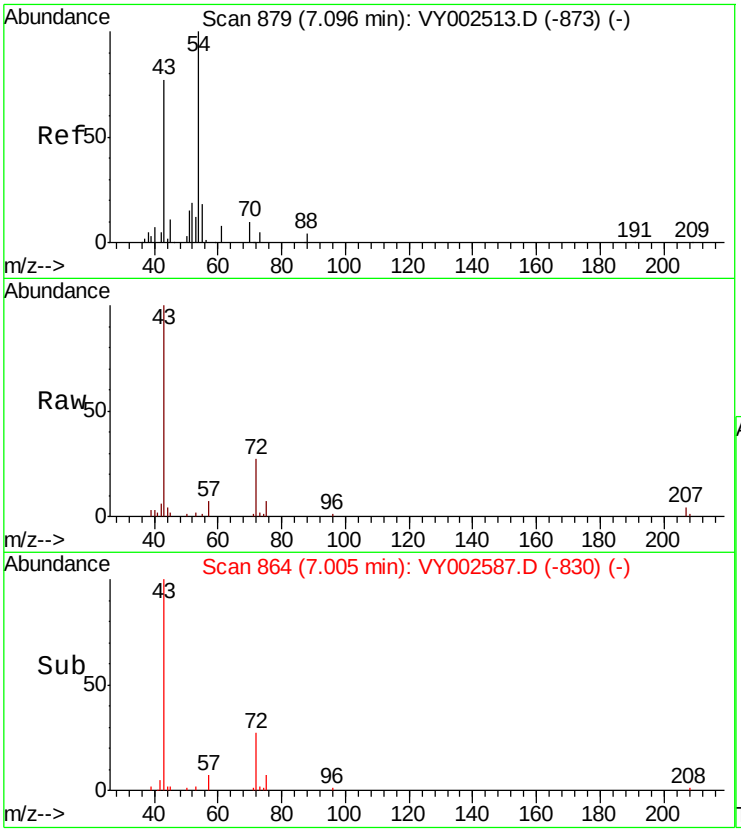


#36
1,1-Dichloropropene
Concen: 4.976 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Tgt Ion: 75 Resp: 22242

Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.1	57.3#
77	0.0	24.6	37.0#



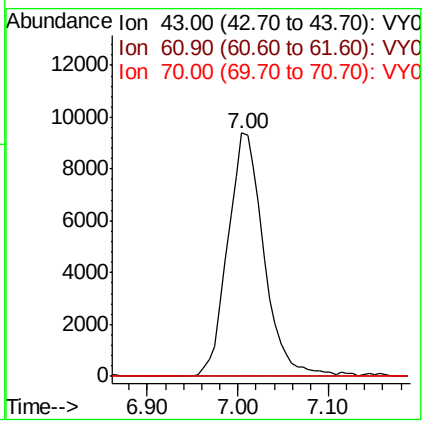


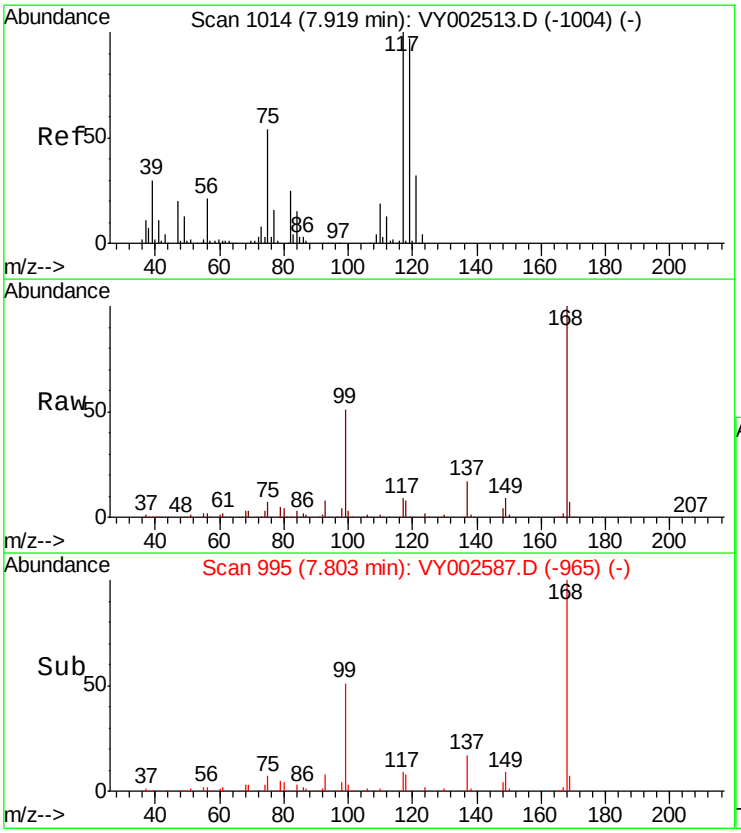
#37
Ethyl Acetate
Concen: 11.276 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.09 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 25901

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	9.0	13.6#

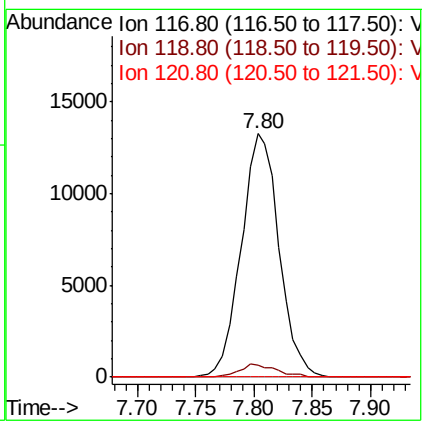


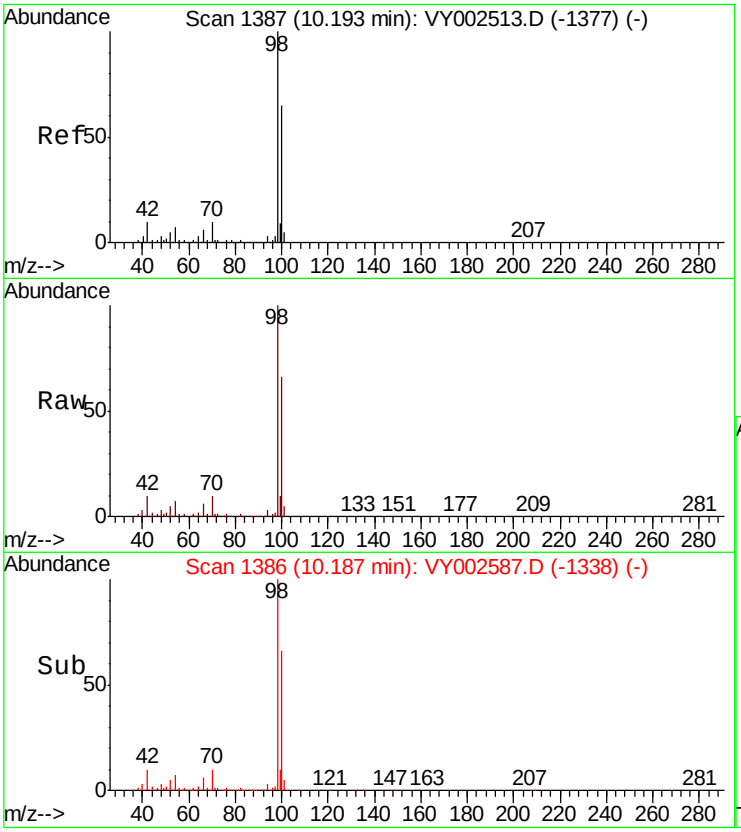


#38
Carbon Tetrachloride
Concen: 6.146 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Tgt Ion:117 Resp: 29993

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.1	115.7#
121	0.0	25.2	37.8#



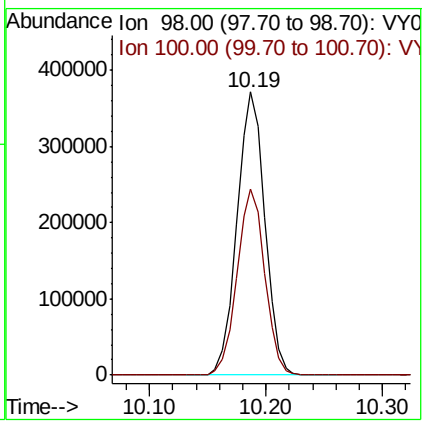


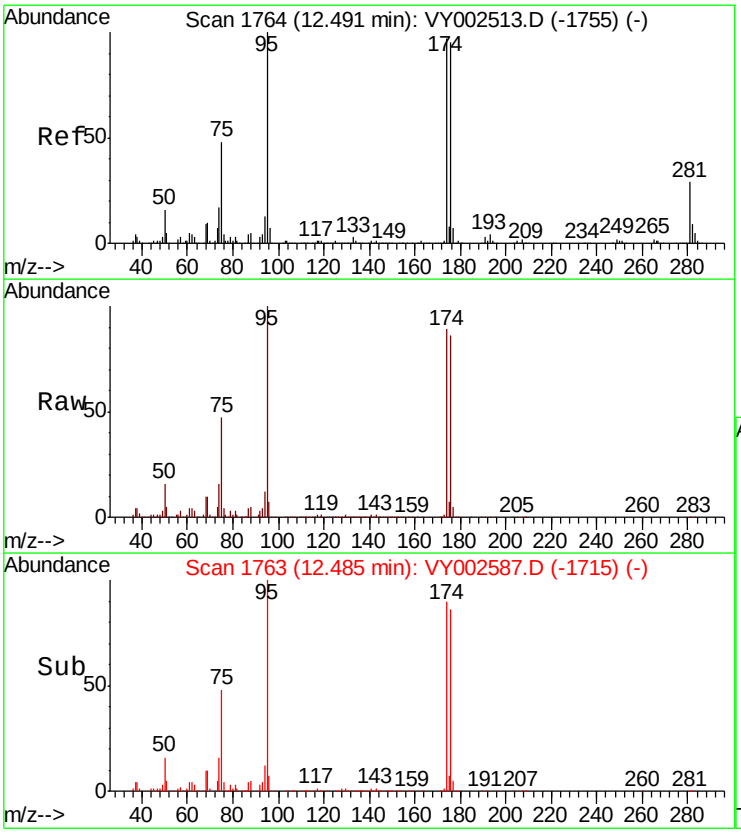
#50
Toluene-d8
Concen: 52.002 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 619261

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2

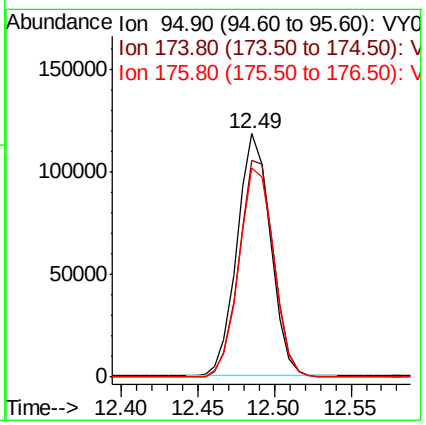


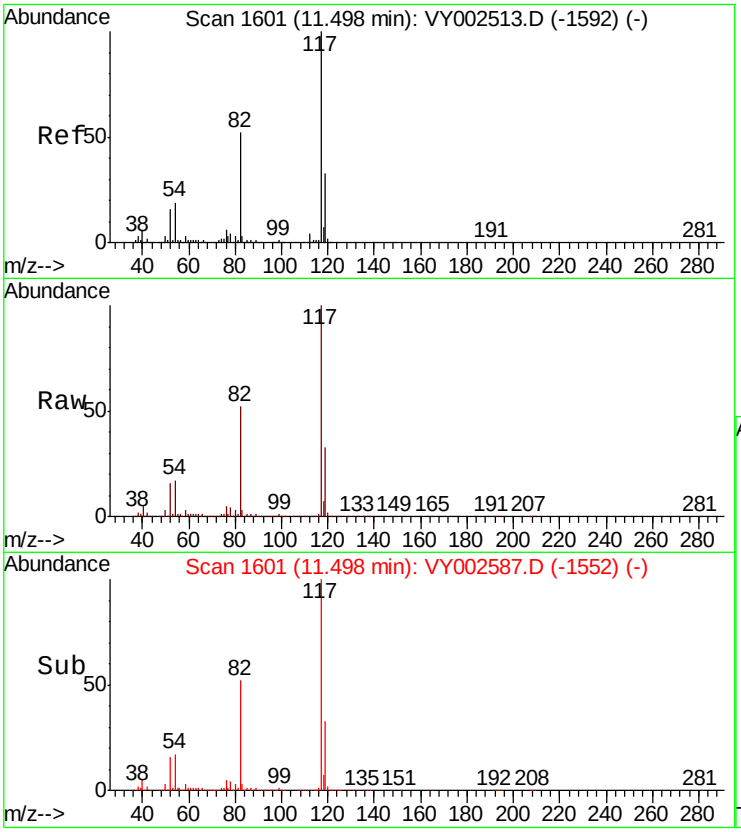


#62
4-Bromofluorobenzene
Concen: 44.467 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Tgt Ion: 95 Resp: 179683

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	188.8
176	90.0	0.0	183.2



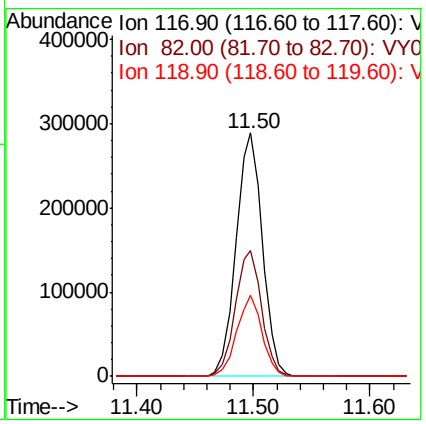


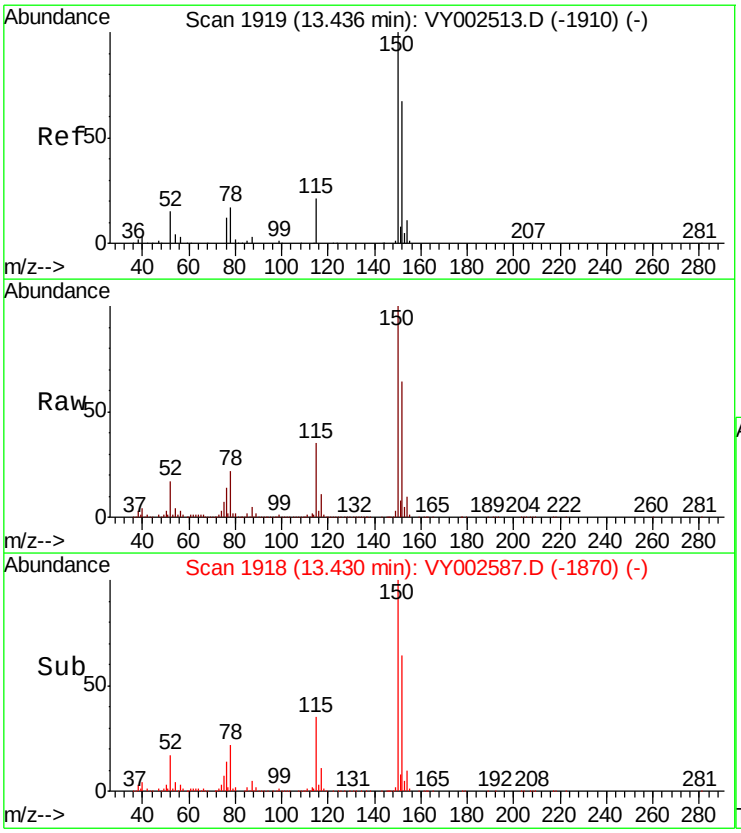
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 455209

Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.3	61.9
119	33.2	26.0	39.0

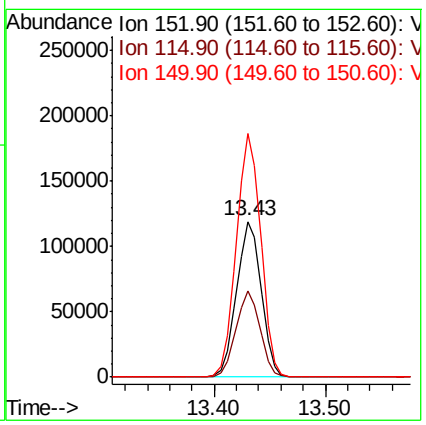


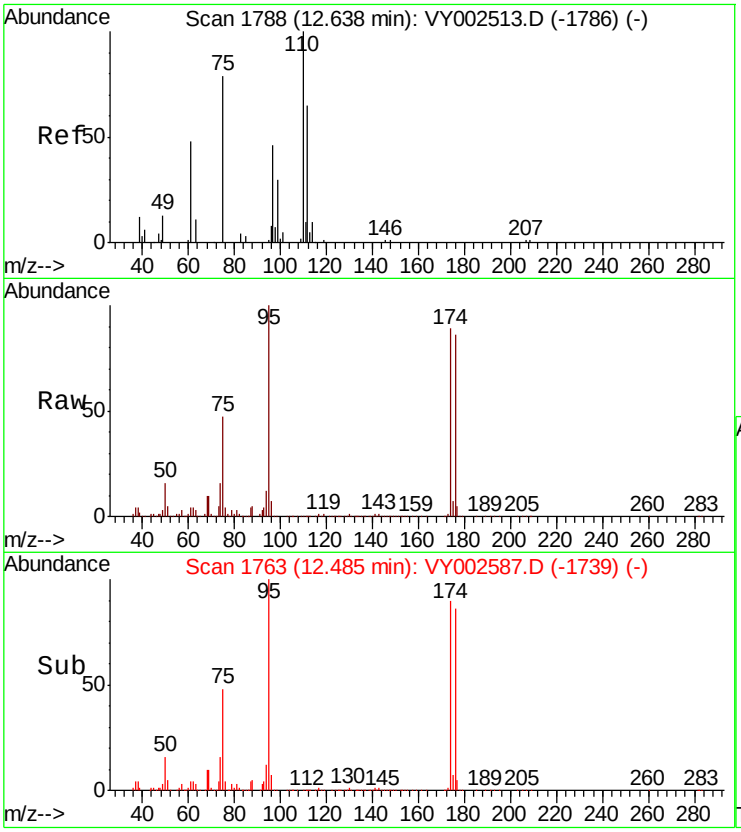


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Tgt Ion:152 Resp: 182751

Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.5	82.4
150	155.3	0.0	346.4



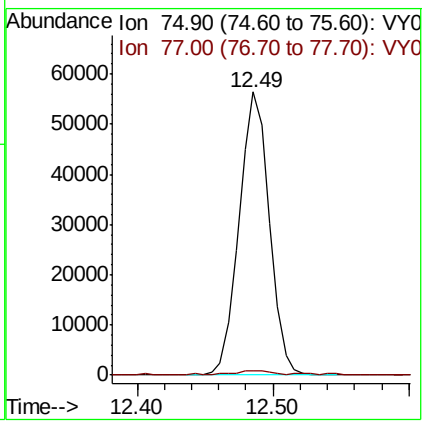


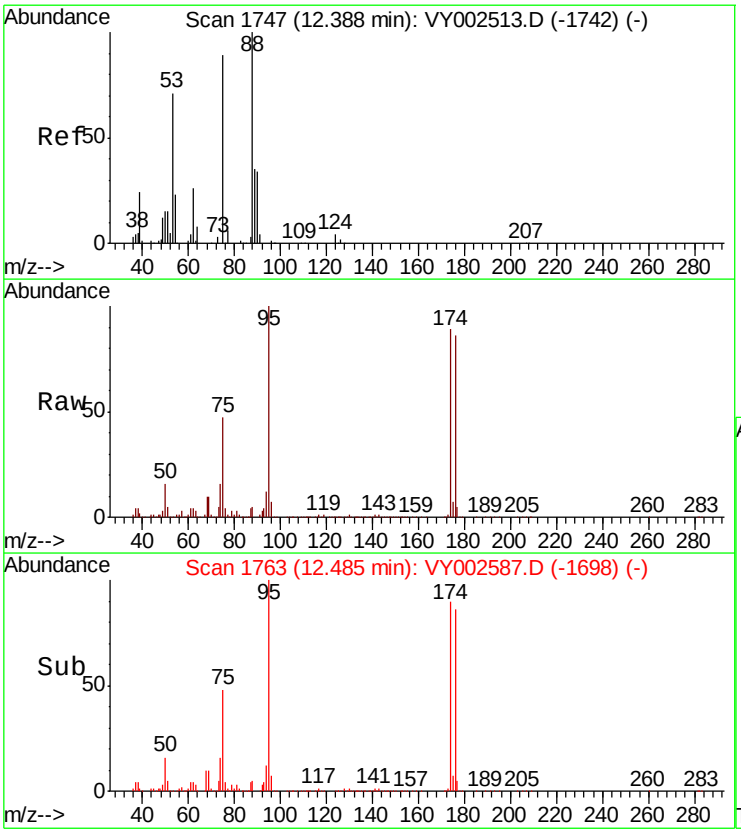
#76
1,2,3-Trichloropropane
Concen: 53.845 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 87447

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#

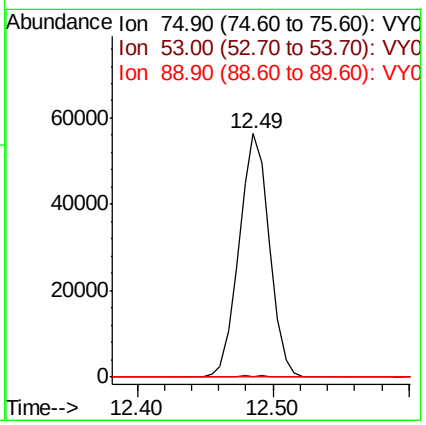


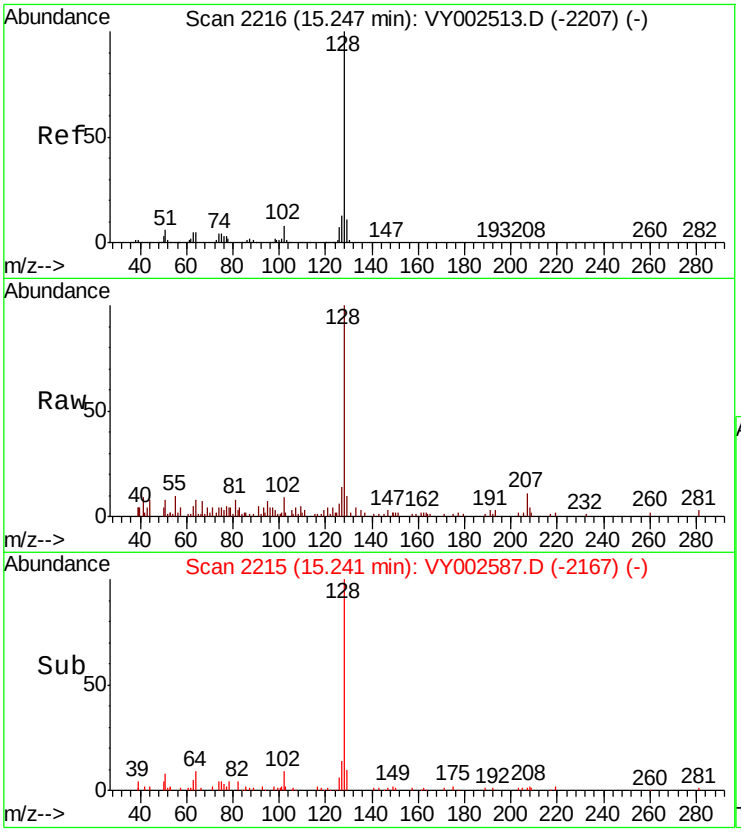


#81
trans-1,4-Dichloro-2-butene
Concen: 107.970 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Tgt Ion: 75 Resp: 87447

Ion	Ratio	Lower	Upper
75	100		
53	0.3	67.4	101.0#
89	0.0	37.4	56.0#





#95
Naphthalene
Concen: 1.922 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002587.D
Acq: 05 May 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 12718

Ion	Ratio	Lower	Upper
128	100		
127	16.6	10.5	15.7#
129	11.1	8.8	13.2