Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022120\
Data File : VY001754.D
Acq On : 21 Feb 2020 19:31
Operator : SY/MD
Sample : L1650-04
Misc : 6.79G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 22 03:45:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	157815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	295267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	94283	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.08%			
35) Dibromofluoromethane	7.75	113	84483	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.92%			
50) Toluene-d8	10.19	98	360925	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.96%			
62) 4-Bromofluorobenzene	12.49	95	123506	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.96%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.98	59	44	Below Cal	#	74
13) Acrolein	3.96	56	226	1.318	ug/l #	15
14) Allyl chloride	4.76	41	5954	1.954	ug/l #	64
16) Acetone	3.98	43	6342	10.797	ug/l	94
18) Methyl Acetate	4.74	43	14370	11.234	ug/l #	51
20) Methylene Chloride	4.77	84	7858	3.766	ug/l	98
25) 2-Butanone	7.02	43	2042	2.559	ug/l #	89
31) Cyclohexane	7.82	56	5413	1.518	ug/l #	3
36) 1,1-Dichloropropene	7.82	75	13475	4.778	ug/l #	50
37) Ethyl Acetate	7.02	43	2042	1.213	ug/l #	1
38) Carbon Tetrachloride	7.82	117	16011	6.463	ug/l #	17
39) Methylcyclohexane	9.17	83	7302	1.952	ug/l #	28
43) Isopropyl Acetate	8.29	43	4789	1.499	ug/l #	53
48) Methyl methacrylate	9.34	41	2494	1.727	ug/l #	36
55) 1,1,2-Trichloroethane	10.63	97	7939	4.955	ug/l #	30
56) Ethyl methacrylate	10.49	69	7723	3.213	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.76	63	167	Below Cal	#	48
59) 2-Hexanone	10.81	43	2836	2.303	ug/l #	30
76) 1,2,3-Trichloropropane	12.49	75	62311	46.469	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	62311	88.160	ug/l #	18

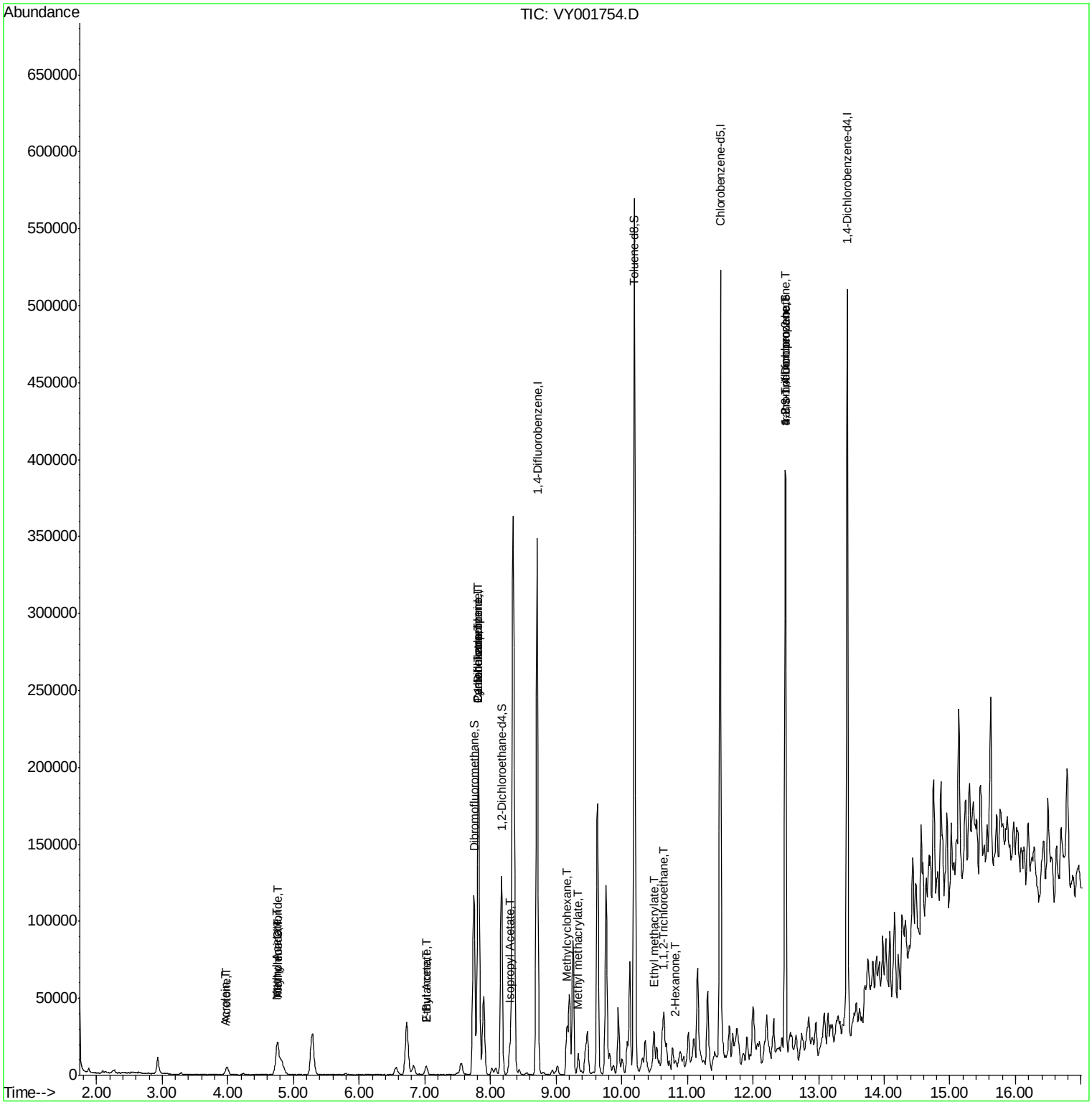
(#) = qualifier out of range (m) = manual integration (+) = signals summed

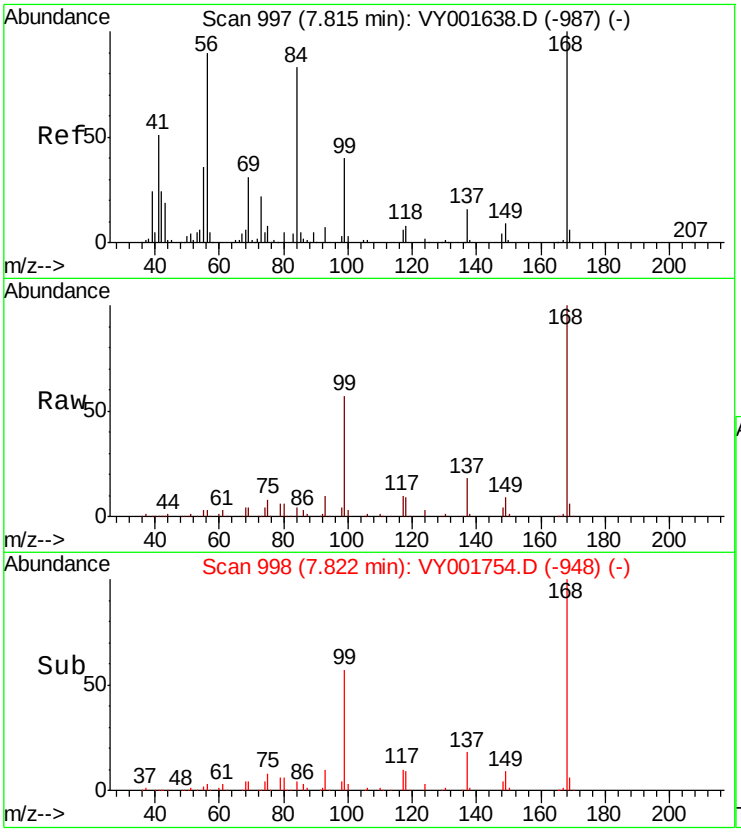
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022120\
Data File : VY001754.D
Acq On : 21 Feb 2020 19:31
Operator : SY/MD
Sample : L1650-04
Misc : 6.79G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 22 03:45:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration



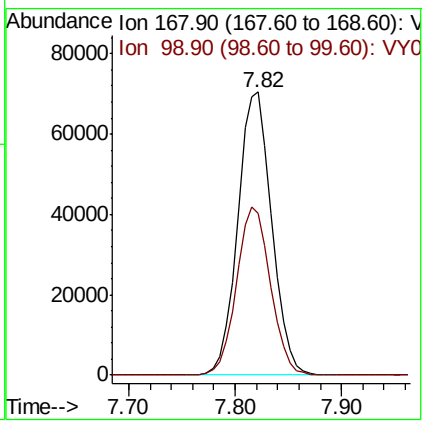


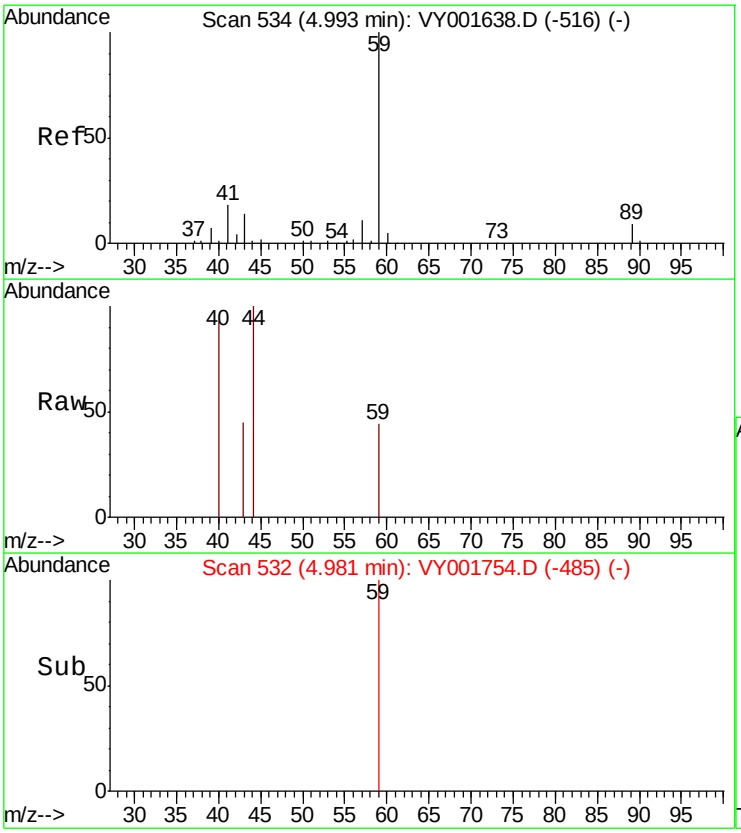
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 157815

Ion	Ratio	Lower	Upper
168	100		
99	57.1	47.5	71.3

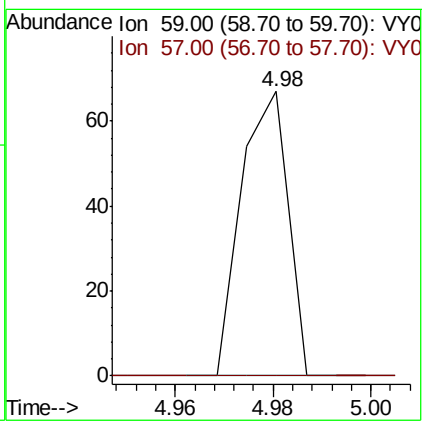


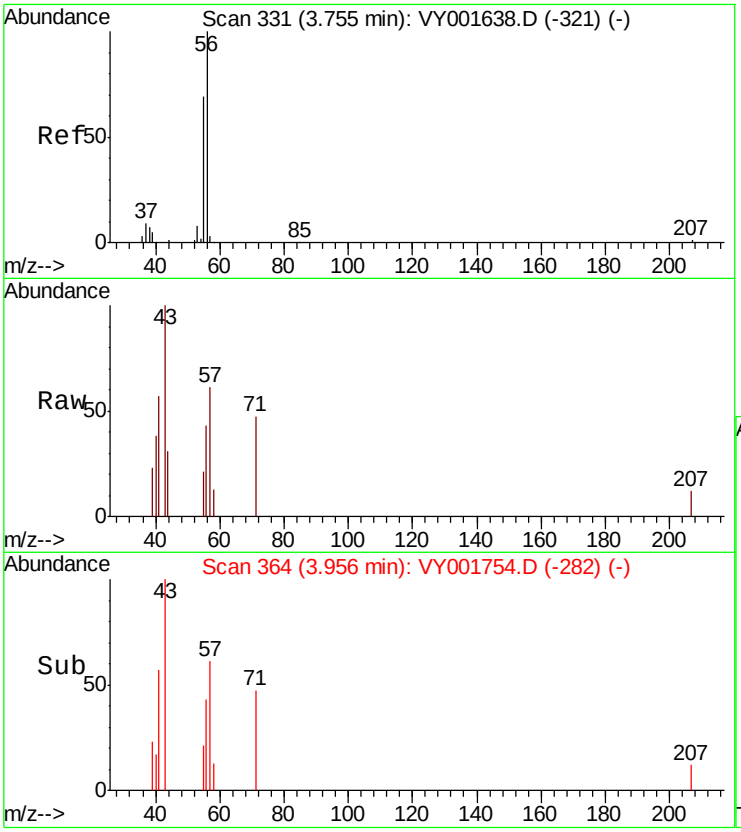


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.98 min Scan# 532
Delta R.T. -0.01 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 59 Resp: 44

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



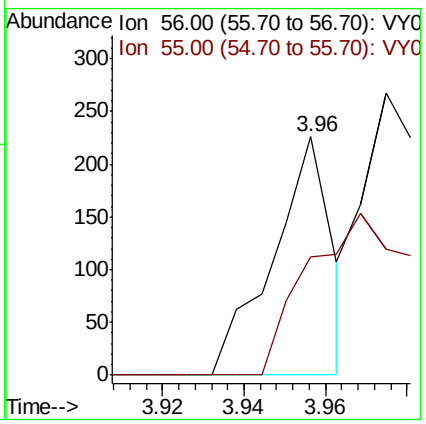


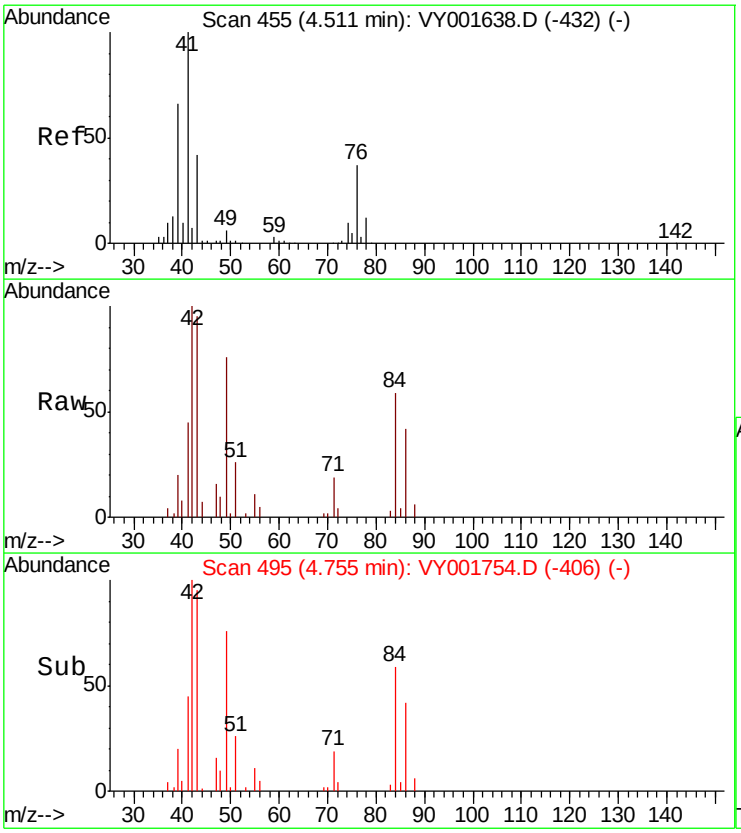
#13
Acrolein
Concen: 1.318 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.20 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 226

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#

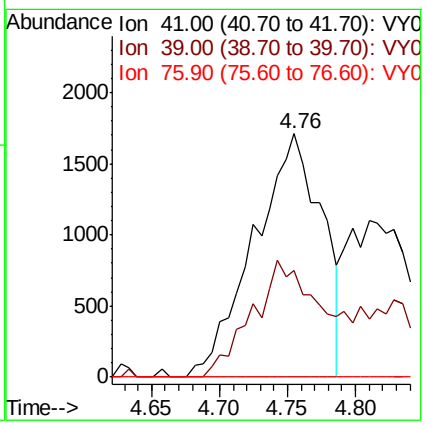


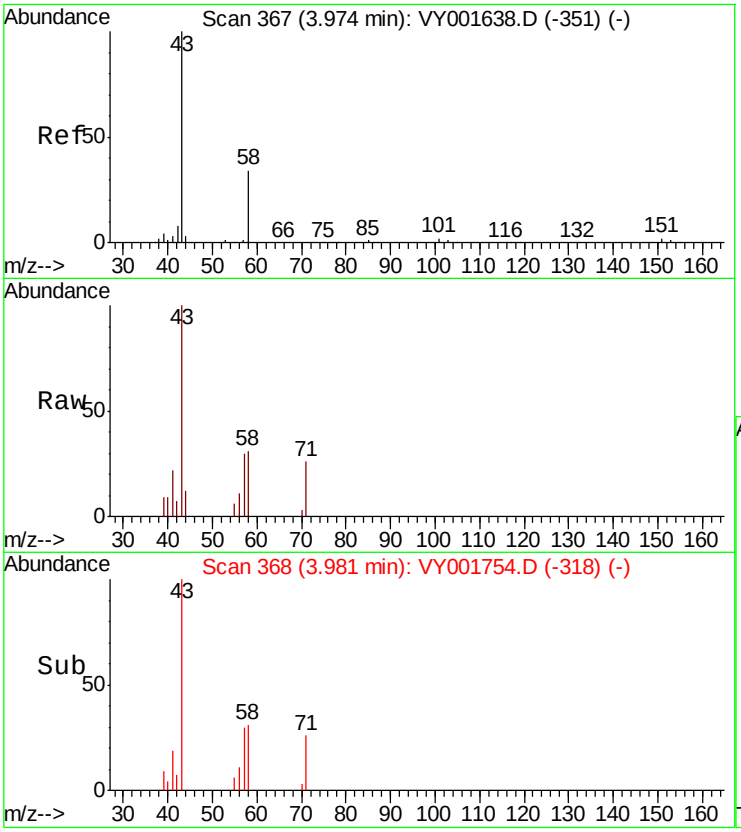


#14
Allyl chloride
Concen: 1.954 ug/l
RT: 4.76 min Scan# 495
Delta R.T. 0.24 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 41 Resp: 5954

Ion	Ratio	Lower	Upper
41	100		
39	45.7	49.4	74.0#
76	0.0	29.0	43.6#



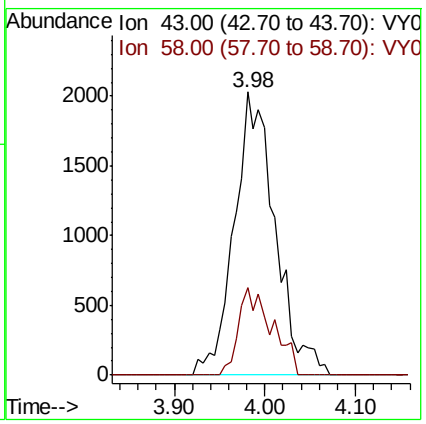


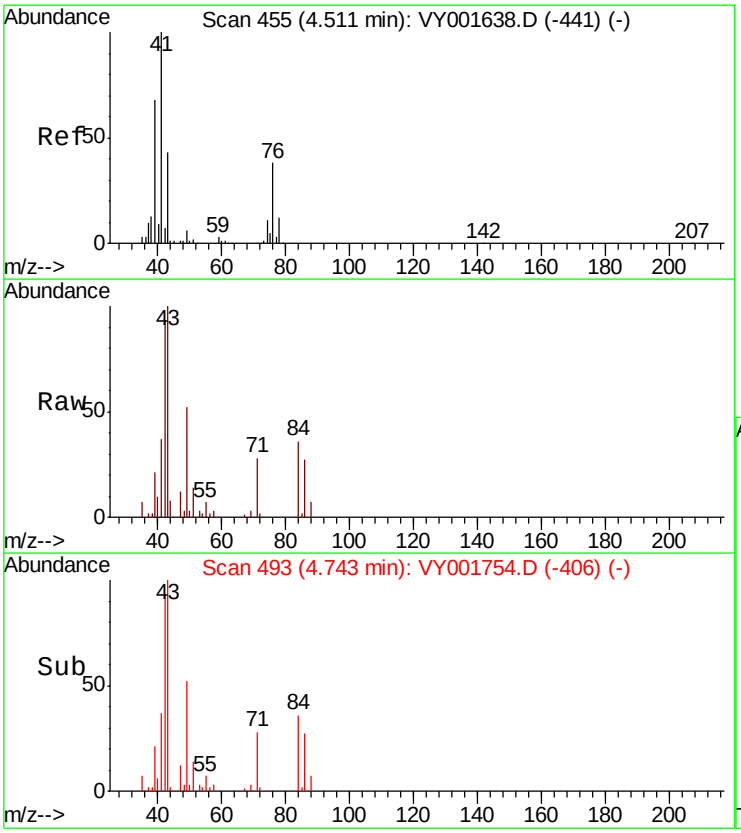
#16
Acetone
Concen: 10.797 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 6342

Ion	Ratio	Lower	Upper
43	100		
58	30.8	27.3	40.9

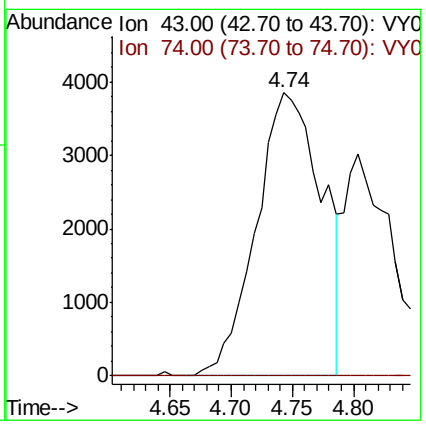


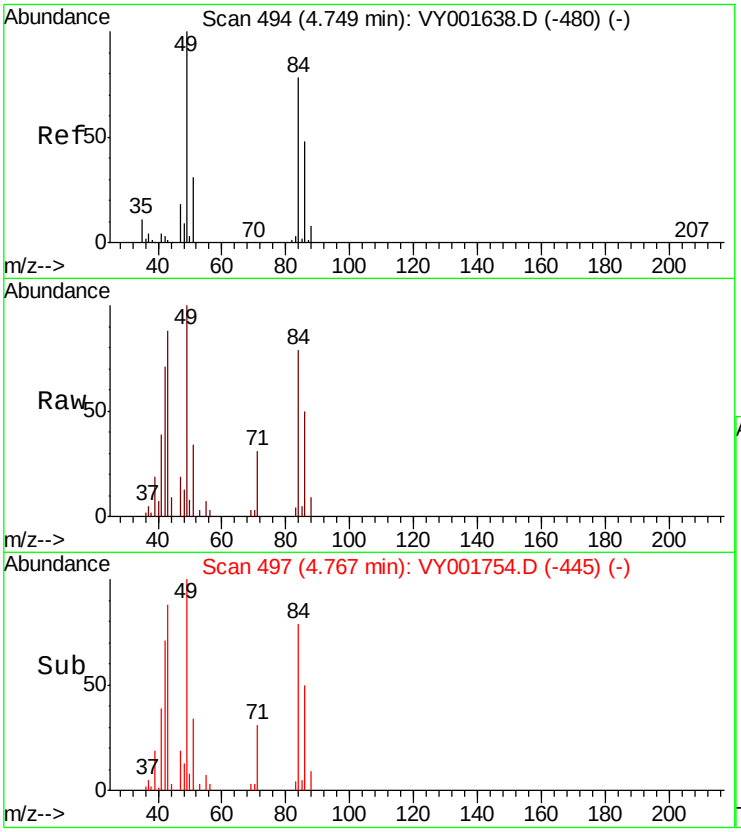


#18
Methyl Acetate
Concen: 11.234 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.23 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 43 Resp: 14370

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.1	28.7#



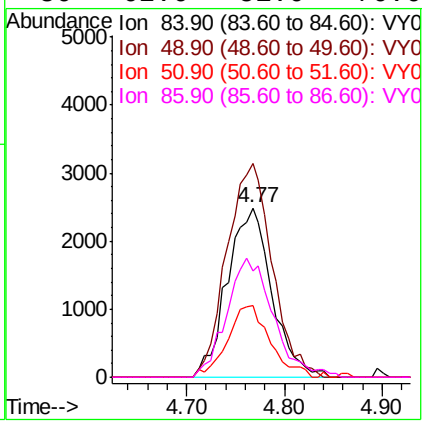


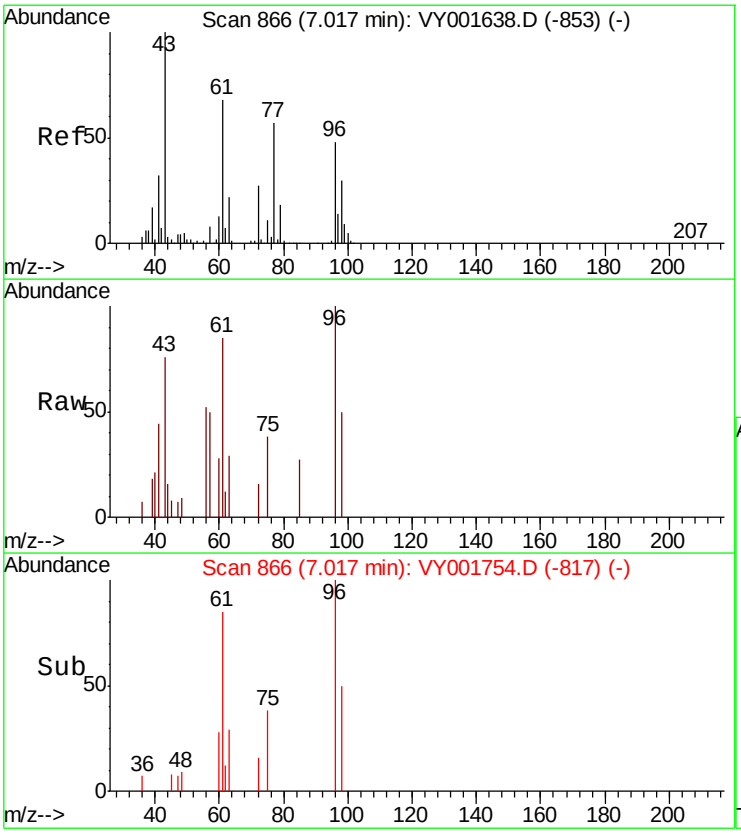
#20
Methylene Chloride
Concen: 3.766 ug/l
RT: 4.77 min Scan# 497
Delta R.T. 0.02 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 7858

Ion	Ratio	Lower	Upper
84	100		
49	126.3	99.2	148.8
51	42.7	31.5	47.3
86	62.6	51.0	76.6

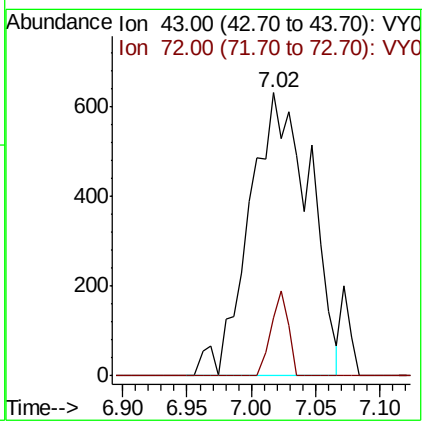


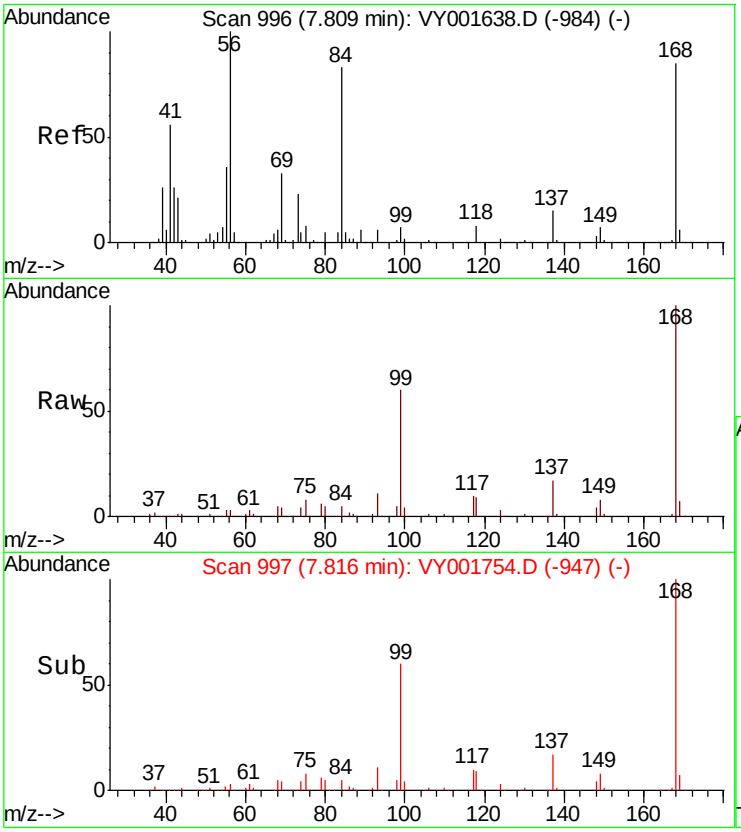


#25
2-Butanone
Concen: 2.559 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 43 Resp: 2042

Ion	Ratio	Lower	Upper
43	100		
72	20.6	21.2	31.8#



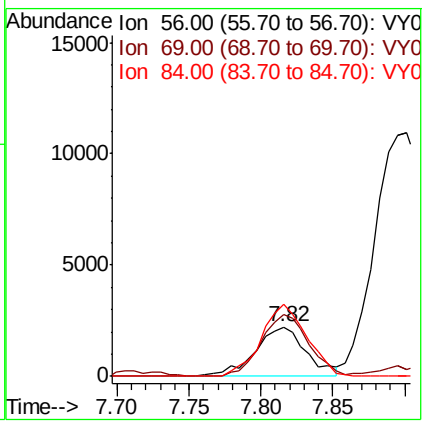


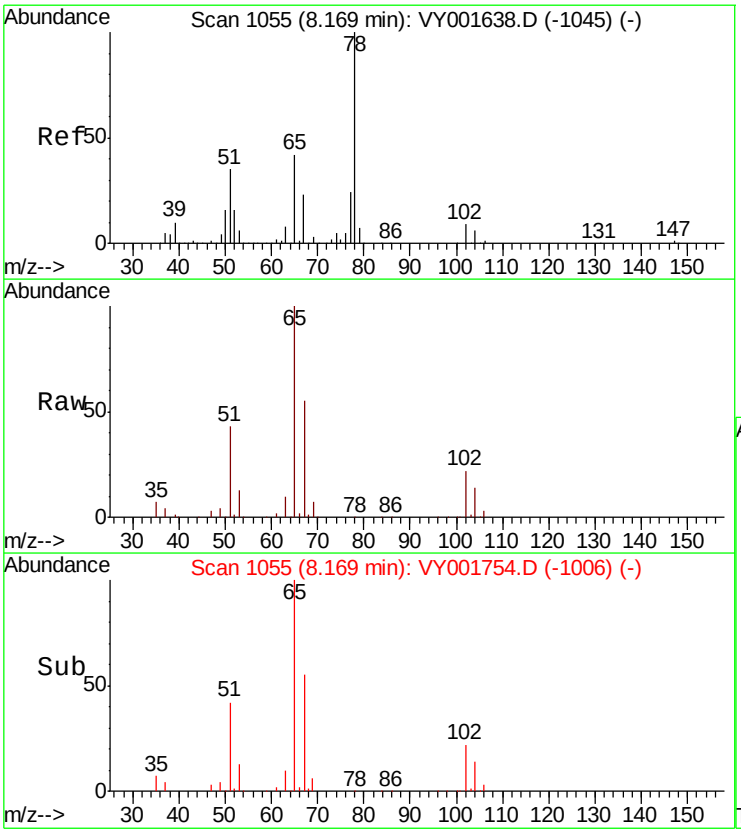
#31
Cyclohexane
Concen: 1.518 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 5413

Ion	Ratio	Lower	Upper
56	100		
69	124.5	25.1	37.7#
84	146.6	66.9	100.3#

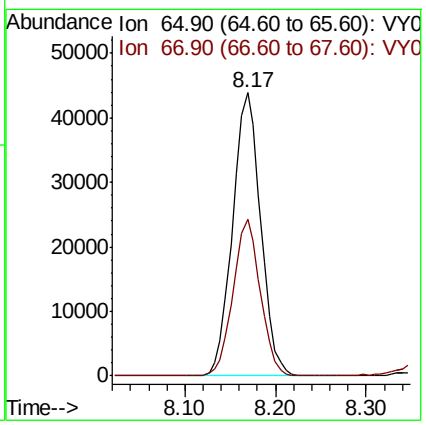


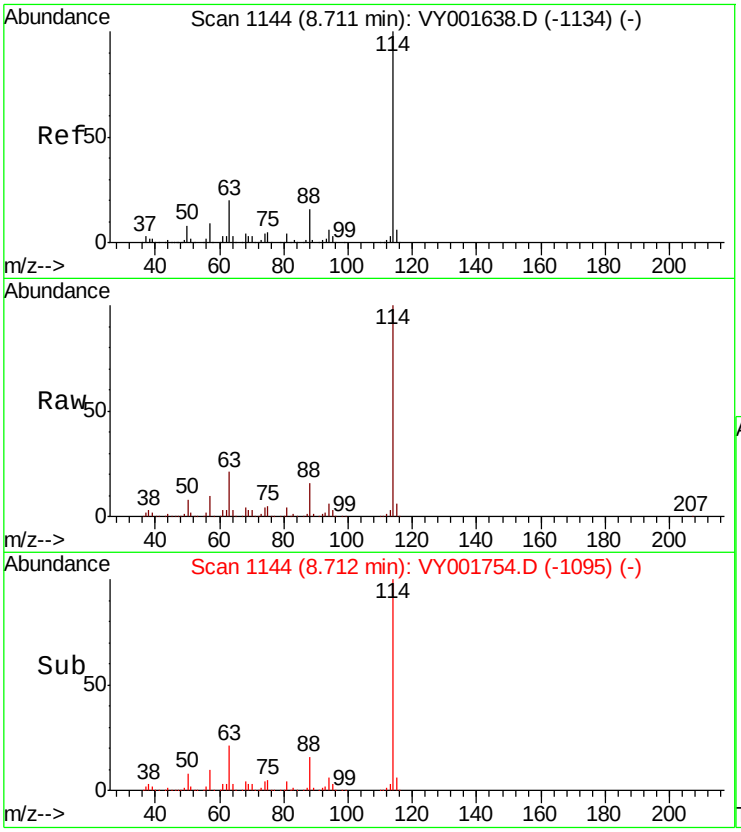


#33
1,2-Dichloroethane-d4
Concen: 55.541 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 65 Resp: 94283

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	111.0



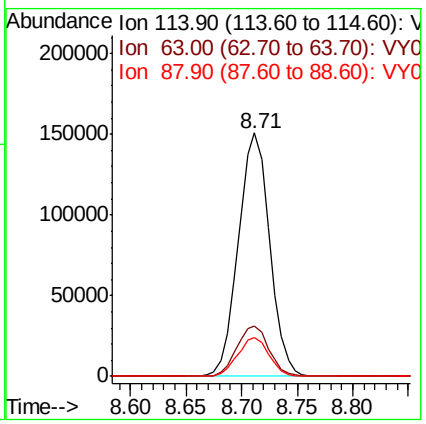


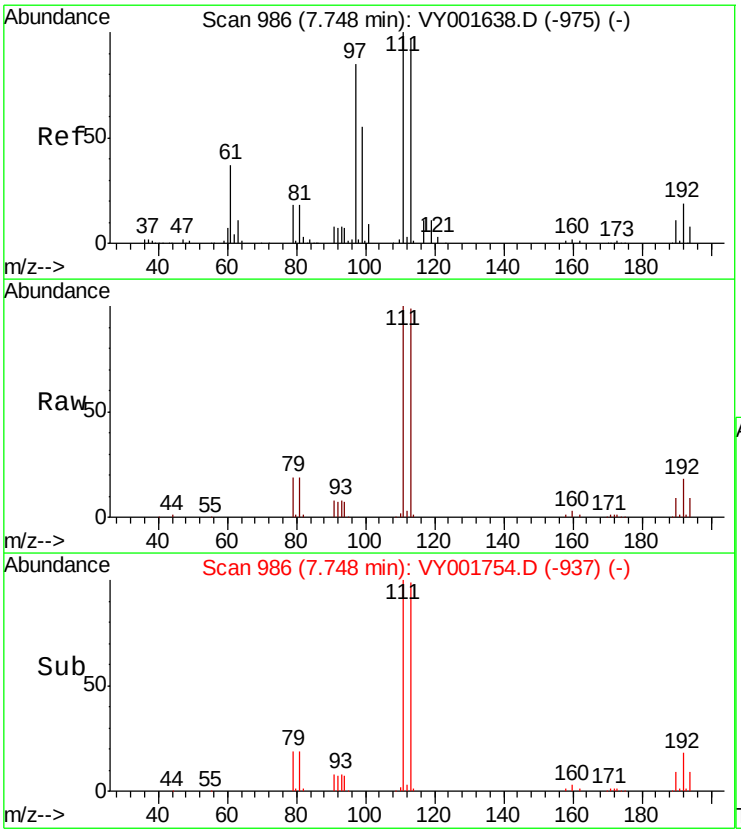
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 295267

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.4
88	16.1	0.0	32.8

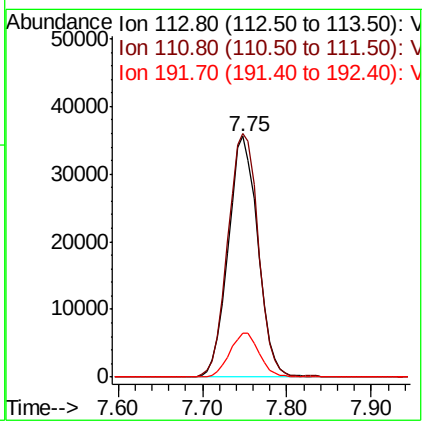


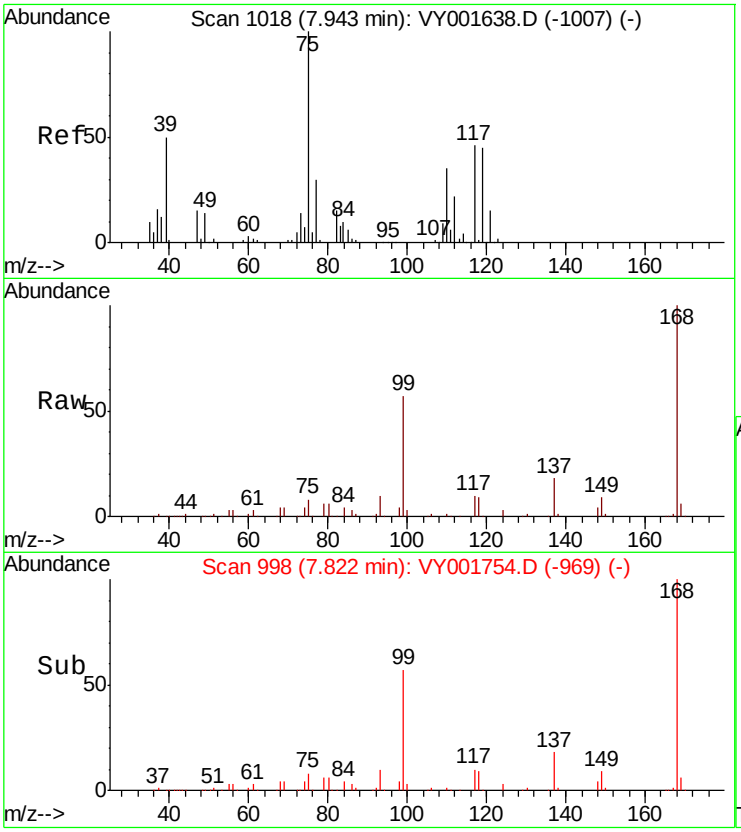


#35
Dibromofluoromethane
Concen: 49.956 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.00 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion:113 Resp: 84483

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.9	122.9
192	18.2	14.3	21.5



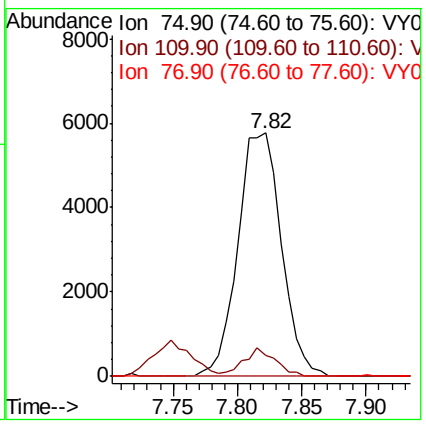


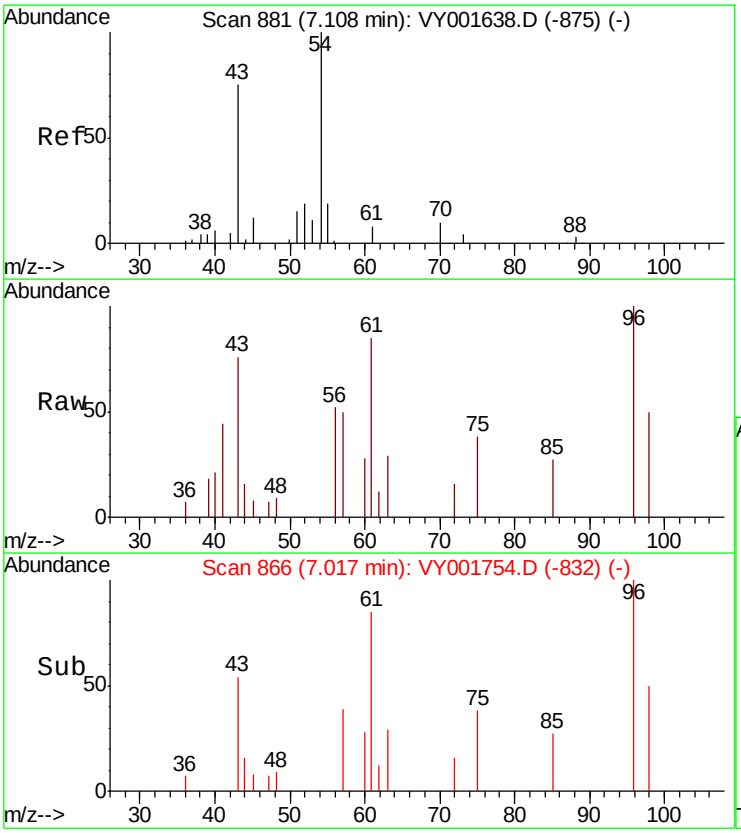
#36
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.12 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13475

Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.2	51.6#
77	0.0	24.8	37.2#

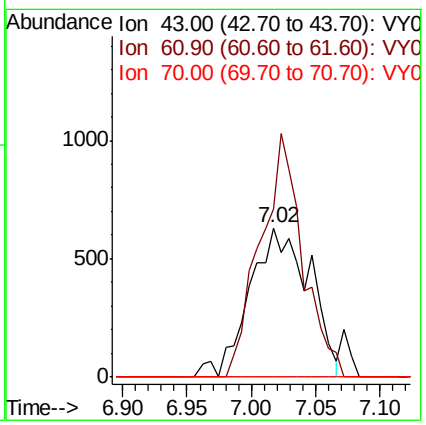


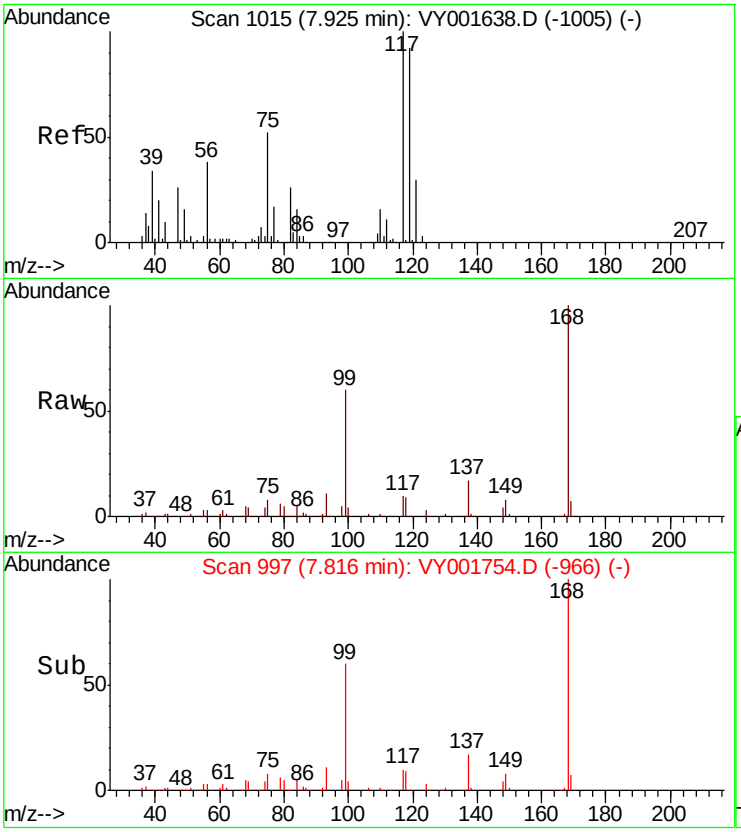


#37
Ethyl Acetate
Concen: 1.213 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.09 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 43 Resp: 2042

Ion	Ratio	Lower	Upper
43	100		
61	115.1	11.0	16.6#
70	0.0	8.8	13.2#



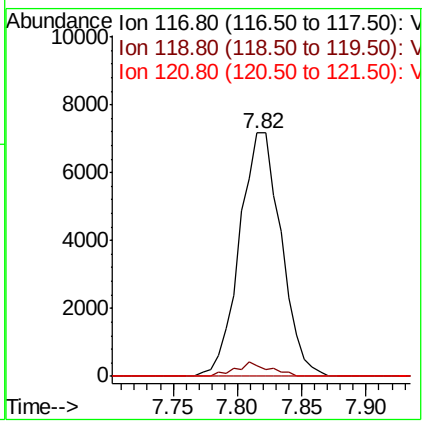


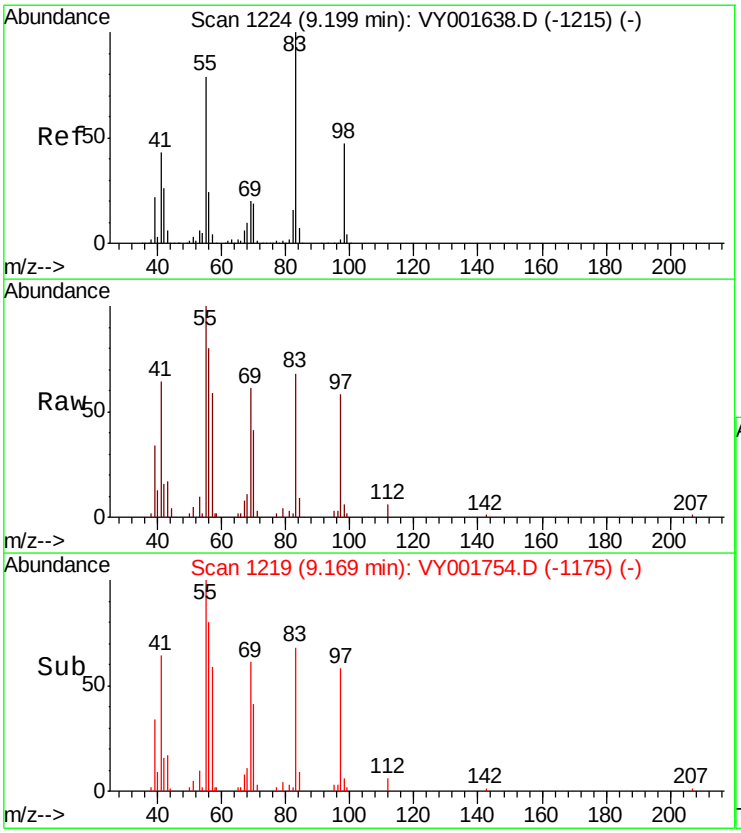
#38
Carbon Tetrachloride
Concen: 6.463 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 16011

Ion	Ratio	Lower	Upper
117	100		
119	4.4	74.8	112.2#
121	0.0	23.8	35.6#

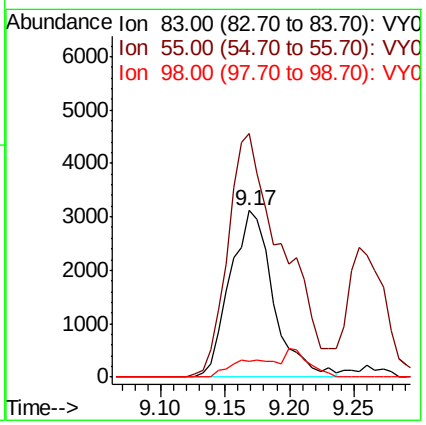


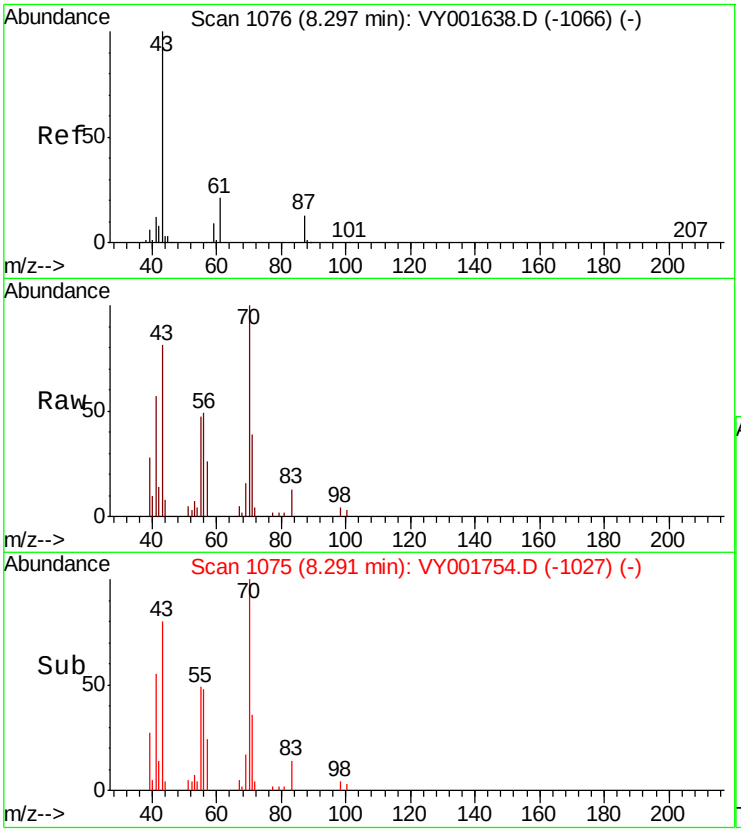


#39
Methylcyclohexane
Concen: 1.952 ug/l
RT: 9.17 min Scan# 1219
Delta R.T. -0.03 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 83 Resp: 7302

Ion	Ratio	Lower	Upper
83	100		
55	146.5	61.3	91.9#
98	9.4	38.0	57.0#



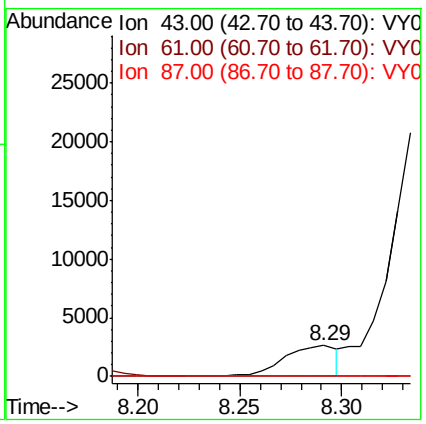


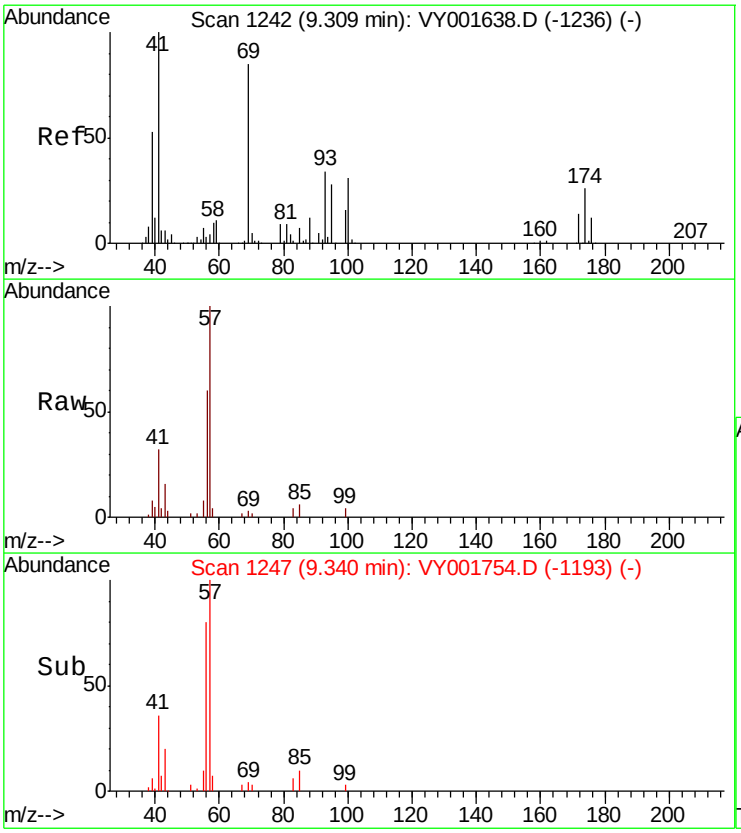
#43
Isopropyl Acetate
Concen: 1.499 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4789

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.0	34.4#
87	0.0	10.7	16.1#

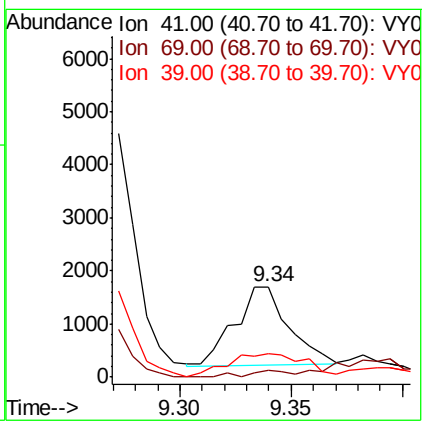


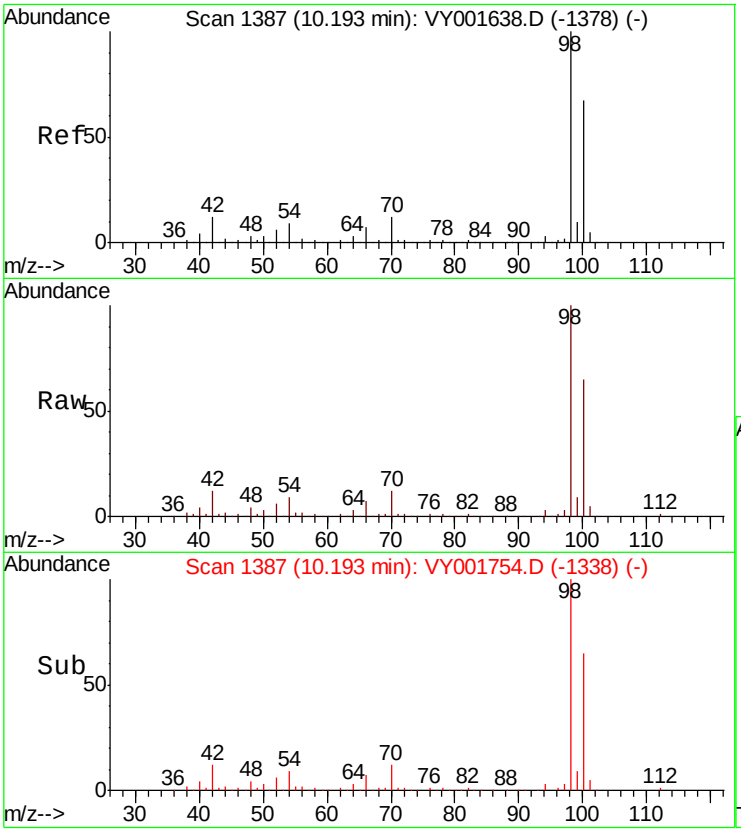


#48
Methyl methacrylate
Concen: 1.727 ug/l
RT: 9.34 min Scan# 1247
Delta R.T. 0.03 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 41 Resp: 2494

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.7	106.1#
39	43.6	42.2	63.2



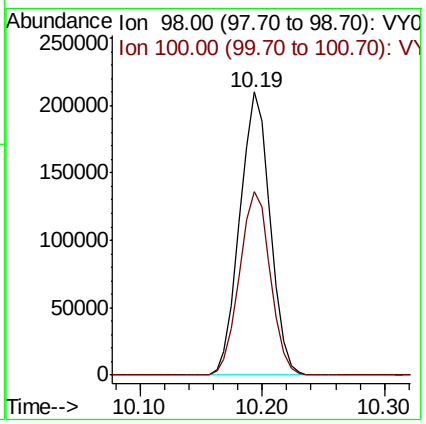


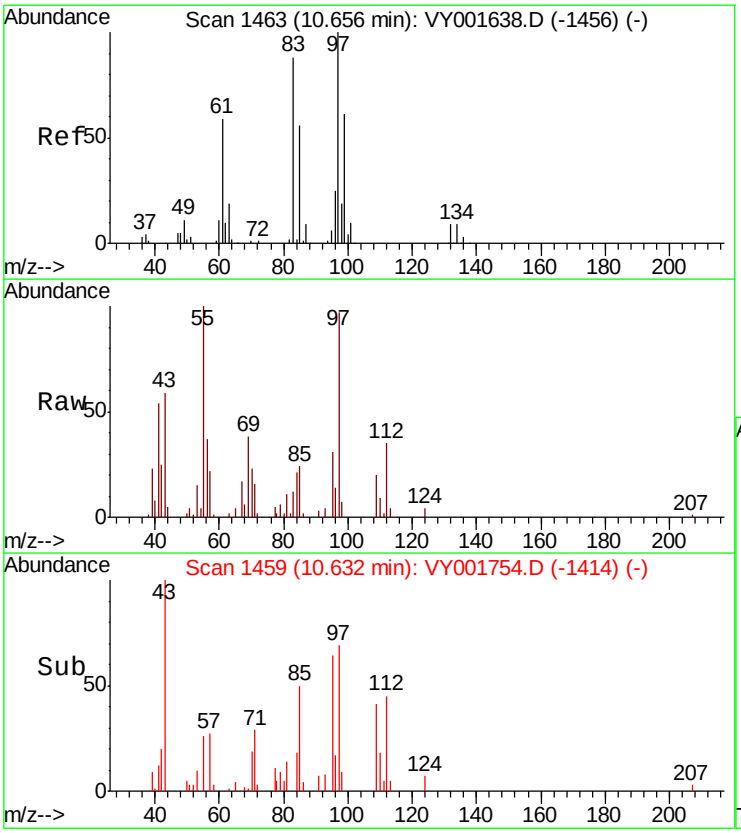
#50
Toluene-d8
Concen: 54.476 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 360925

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4

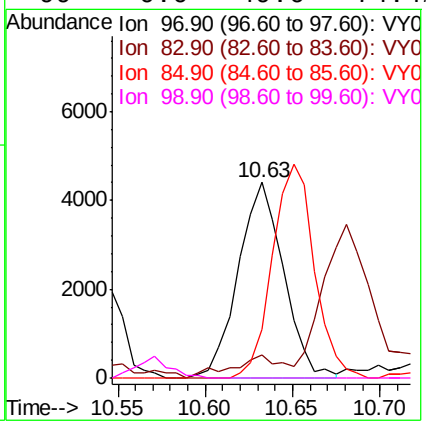


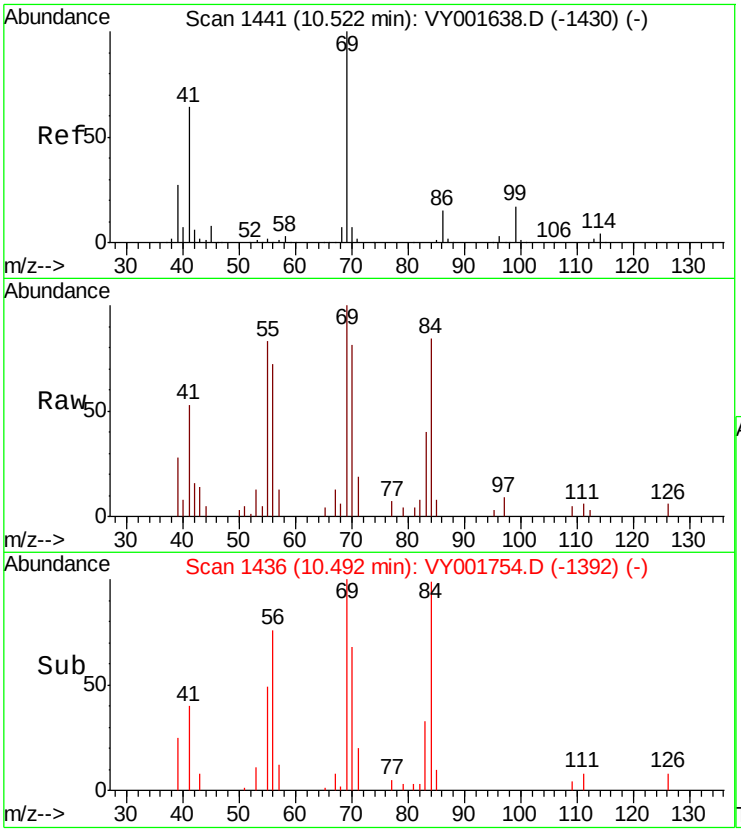


#55
1,1,2-Trichloroethane
Concen: 4.955 ug/l
RT: 10.63 min Scan# 1459
Delta R.T. -0.02 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 97 Resp: 7939

Ion	Ratio	Lower	Upper
97	100		
83	12.0	69.7	104.5#
85	25.1	44.5	66.7#
99	0.0	49.6	74.4#



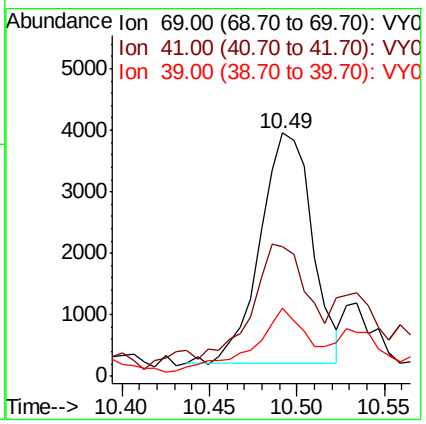


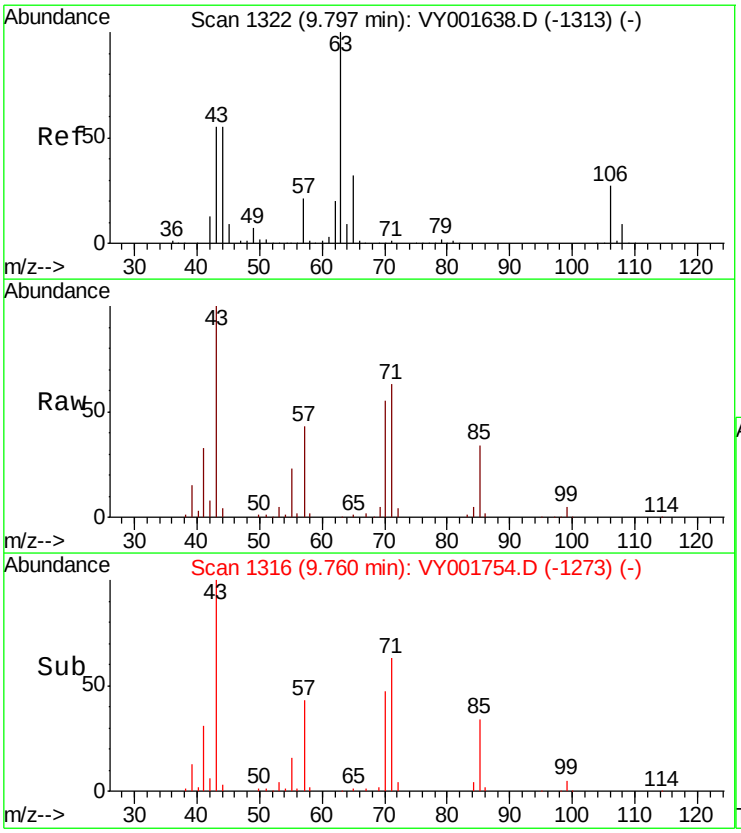
#56
Ethyl methacrylate
Concen: 3.213 ug/l
RT: 10.49 min Scan# 1436
Delta R.T. -0.03 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 69 Resp: 7723

Ion	Ratio	Lower	Upper
69	100		
41	52.3	51.0	76.4
39	29.5	24.7	37.1

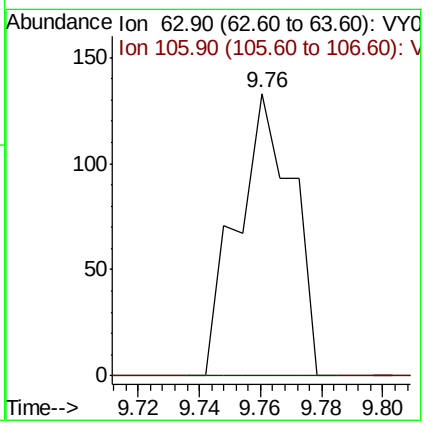


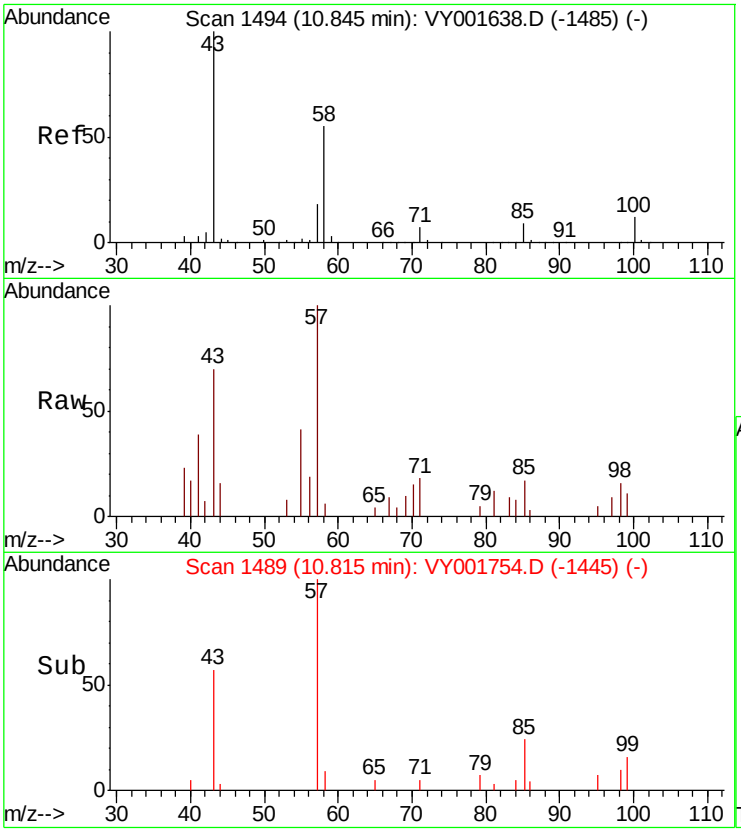


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.76 min Scan# 1316
Delta R.T. -0.04 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 63 Resp: 167

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.6	32.4#



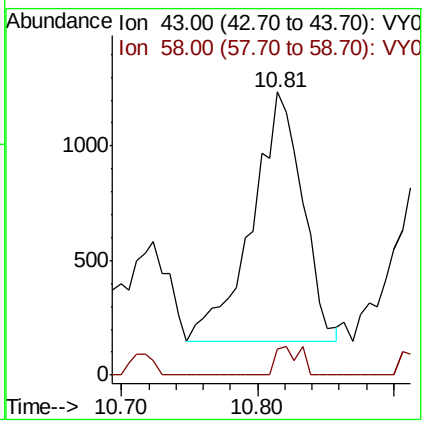


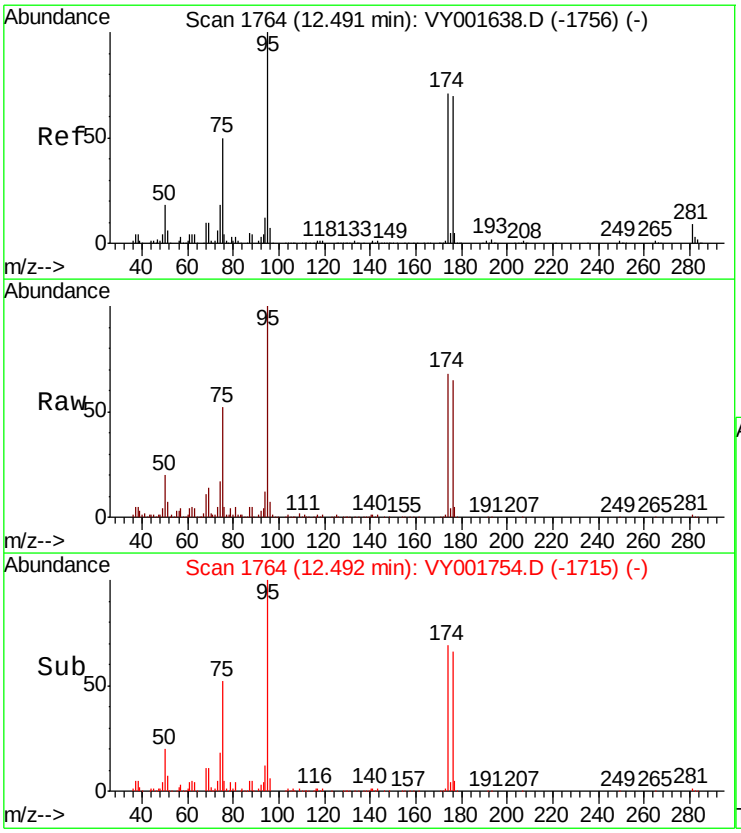
#59
2-Hexanone
Concen: 2.303 ug/l
RT: 10.81 min Scan# 1489
Delta R.T. -0.03 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2836

Ion	Ratio	Lower	Upper
43	100		
58	5.5	28.4	85.2#

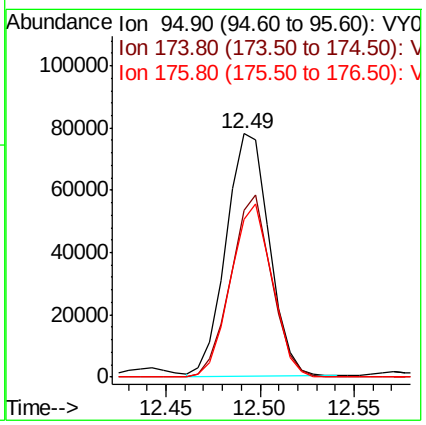


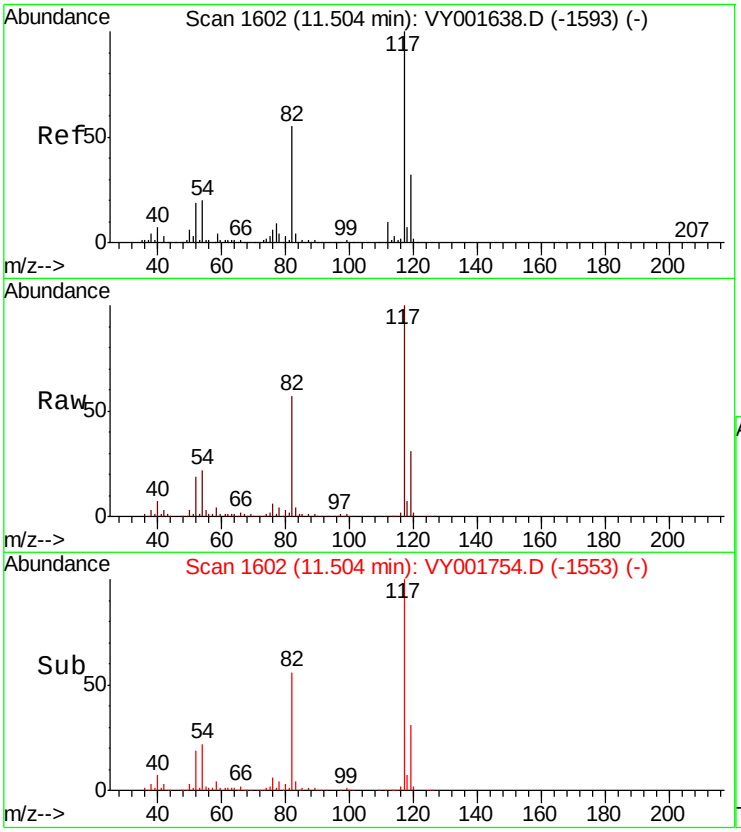


#62
4-Bromofluorobenzene
Concen: 47.983 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 95 Resp: 123506

Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	138.4
176	68.7	0.0	131.8



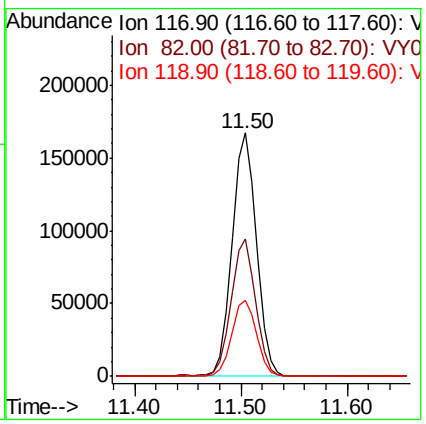


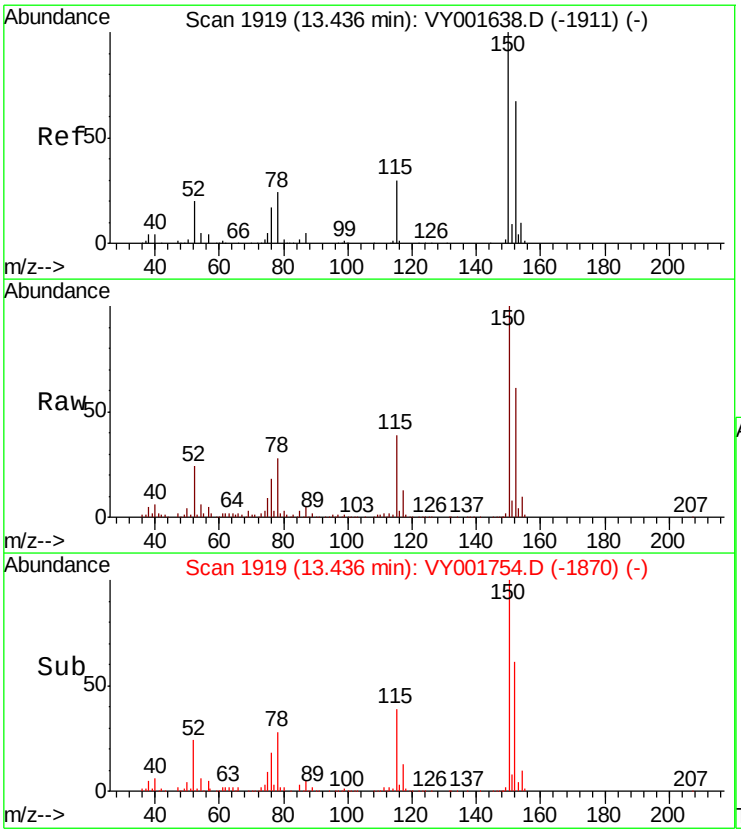
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 268415

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.5	68.3
119	31.4	25.8	38.6

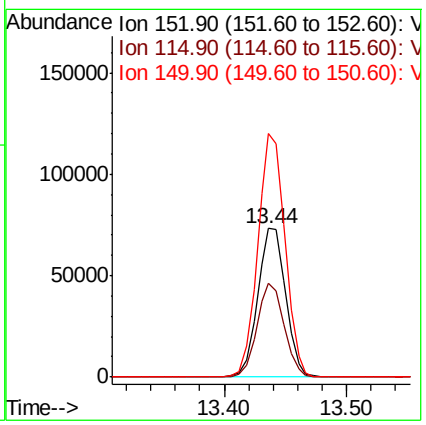


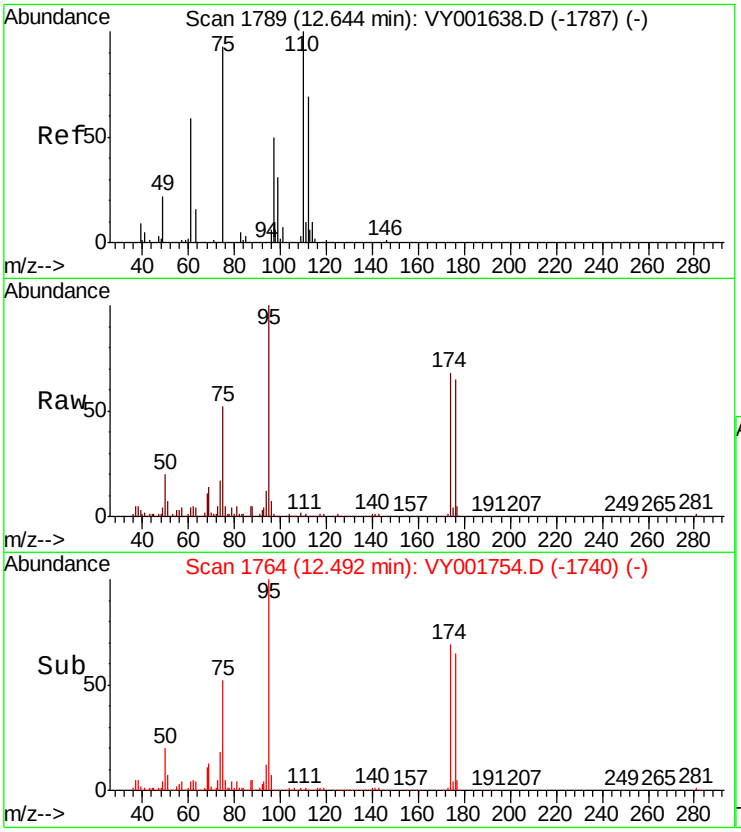


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion:152 Resp: 116892

Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.4	94.2
150	159.5	0.0	407.2



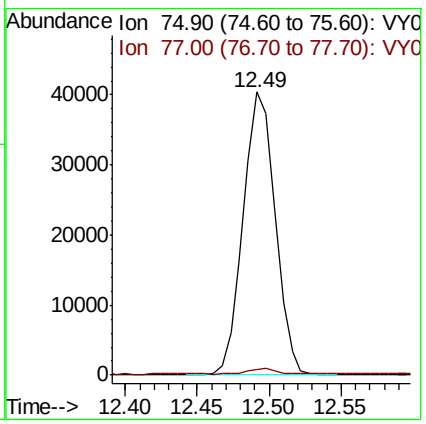


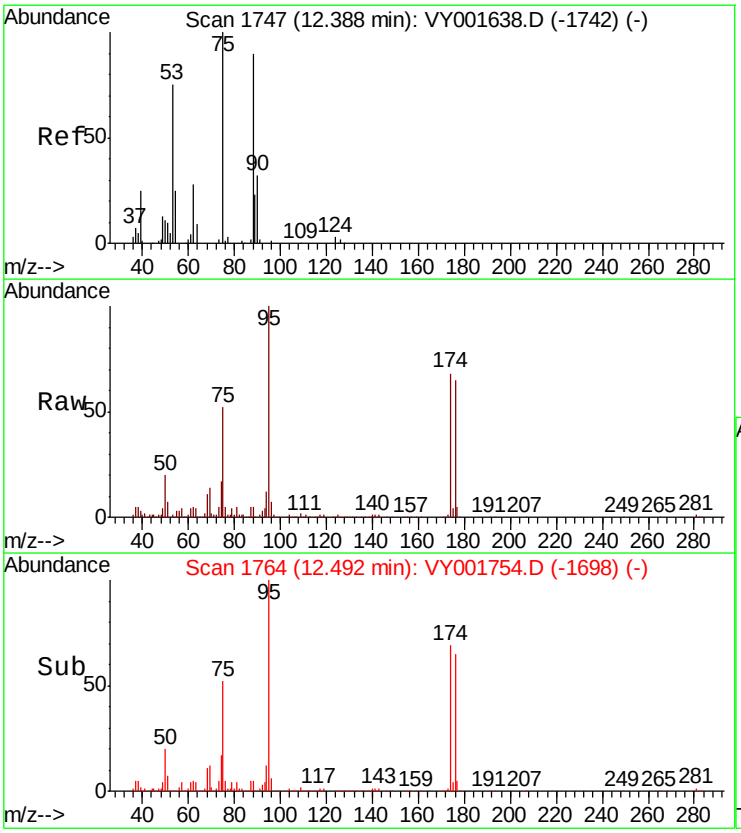
#76
1,2,3-Trichloropropane
Concen: 46.469 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62311

Ion	Ratio	Lower	Upper
75	100		
77	2.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.160 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001754.D
Acq: 21 Feb 2020 19:31

Tgt Ion: 75 Resp: 62311

Ion	Ratio	Lower	Upper
75	100		
53	1.1	64.5	96.7#
89	0.4	36.3	54.5#