Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021920\
Data File : VY001698.D
Acq On : 19 Feb 2020 13:53
Operator : SY/MD
Sample : L1547-16RE
Misc : 4.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 20 05:39:27 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	7.81	168	144994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	266230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	232774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	95641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86473	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.88%			
35) Dibromofluoromethane	7.74	113	76393	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.20%			
50) Toluene-d8	10.19	98	318557	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.64%			
62) 4-Bromofluorobenzene	12.49	95	102816	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.60%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.96	59	260	Below Cal	#	74
16) Acetone	3.97	43	684	1.267	ug/l	89
20) Methylene Chloride	4.74	84	7481	3.903	ug/l	98
25) 2-Butanone	7.00	43	1107	1.510	ug/l #	48
31) Cyclohexane	7.82	56	3567	1.089	ug/l #	17
36) 1,1-Dichloropropene	7.81	75	12098	4.757	ug/l #	50
38) Carbon Tetrachloride	7.81	117	14653	6.560	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	52713	48.046	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	52713	91.152	ug/l #	17

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

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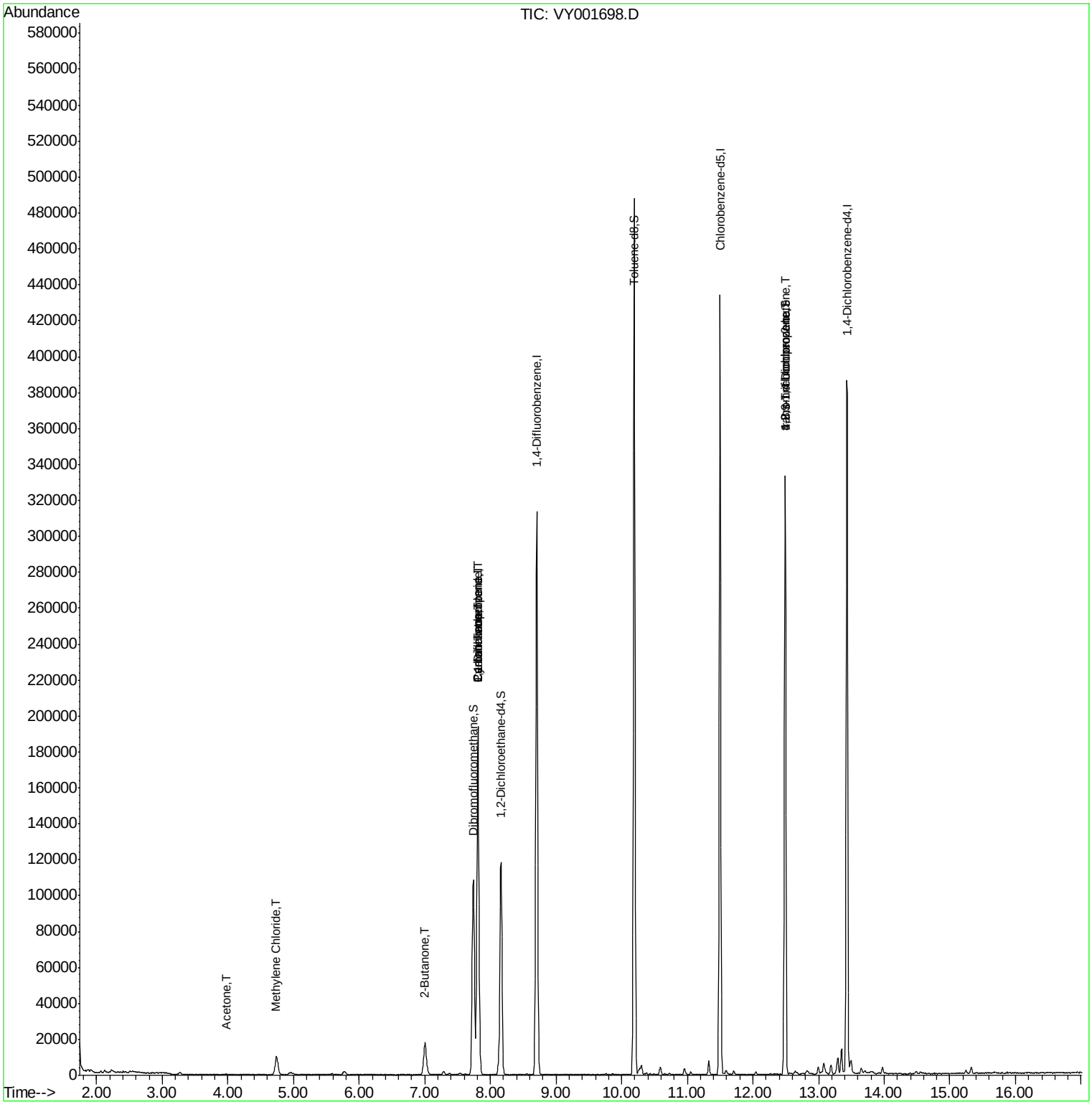
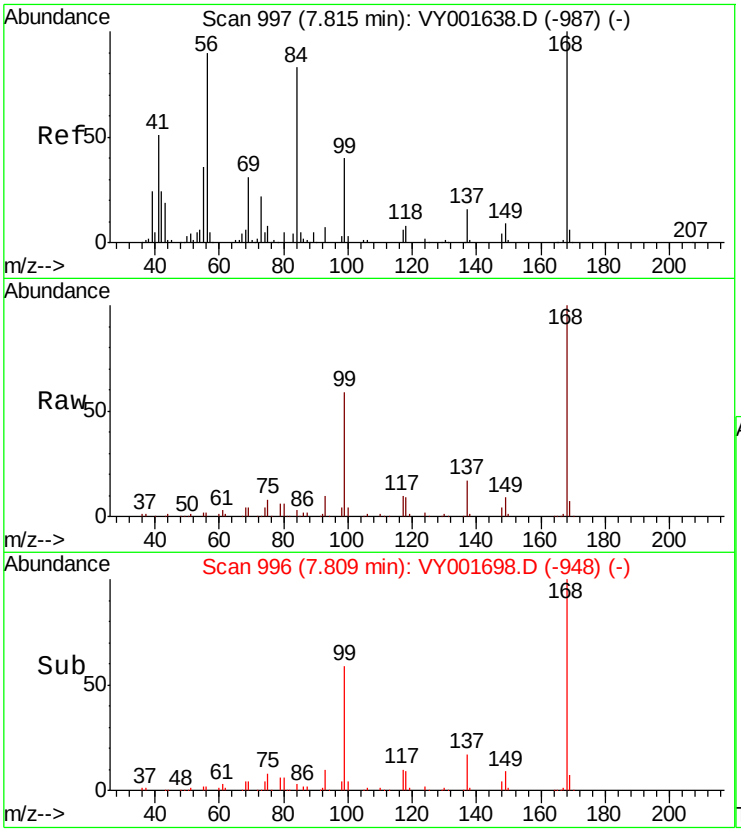


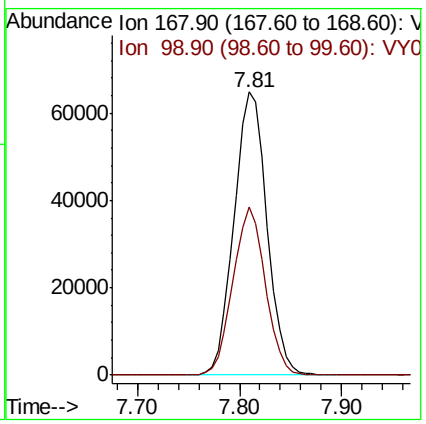


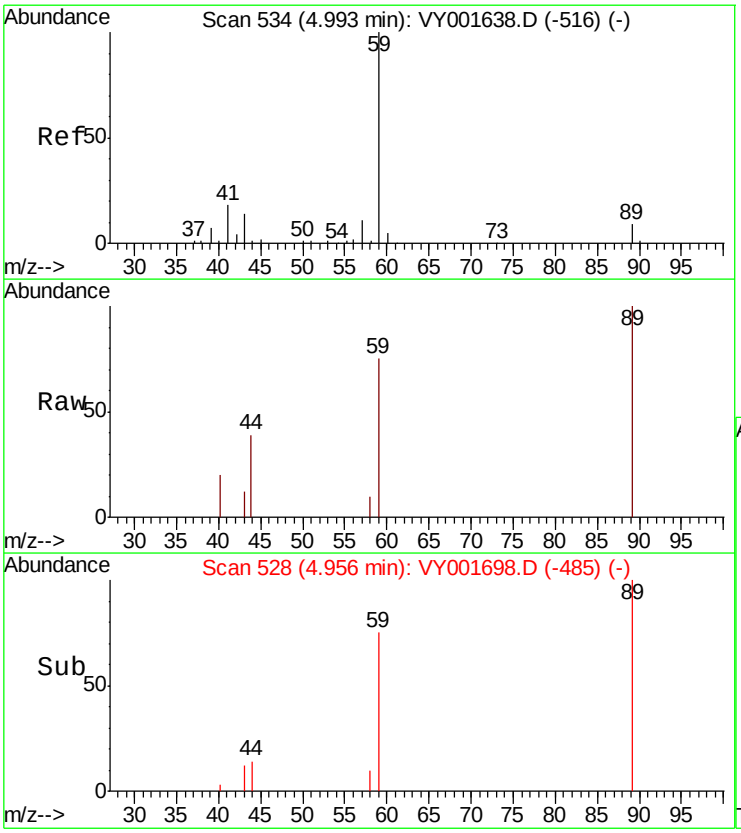
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 144994

Ion	Ratio	Lower	Upper
168	100		
99	59.4	47.5	71.3

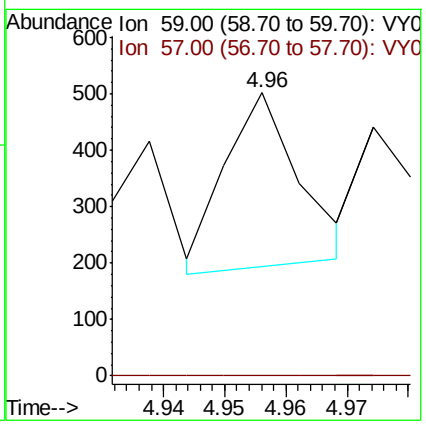


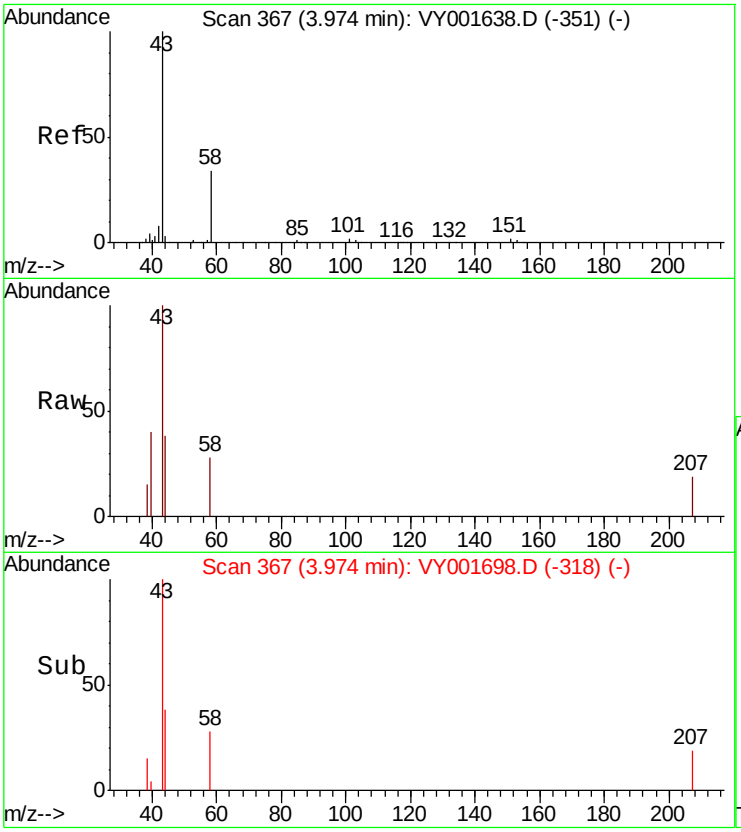


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.96 min Scan# 528
Delta R.T. -0.04 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Tgt Ion: 59 Resp: 260

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



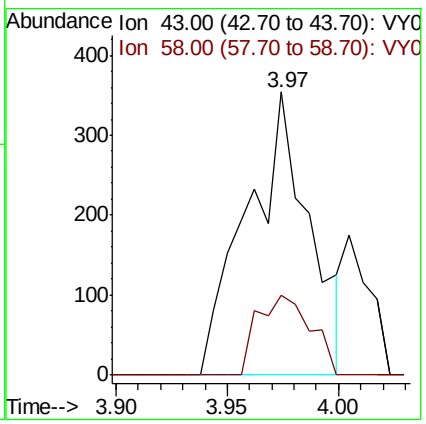


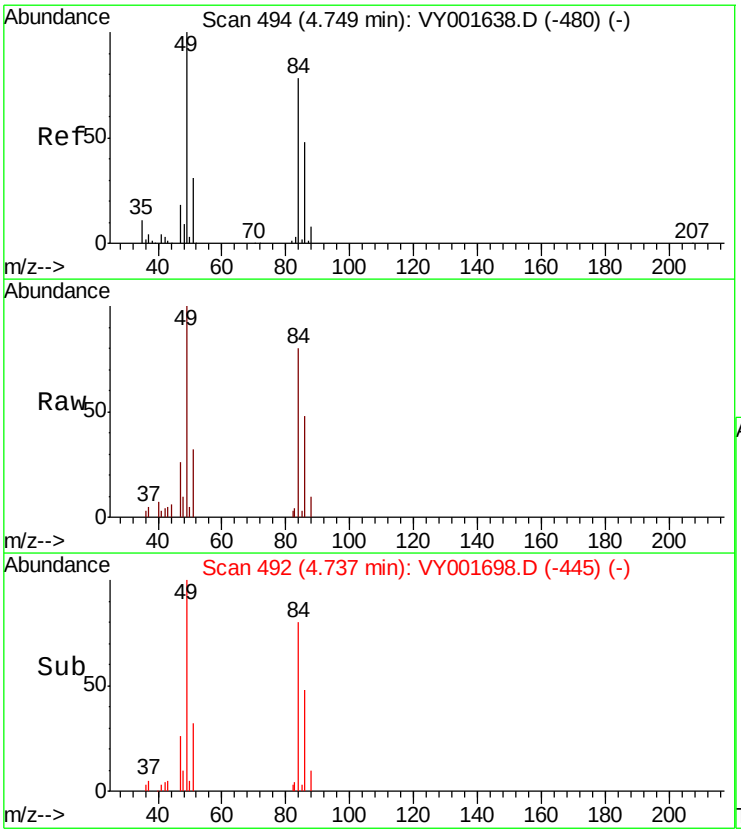
#16
Acetone
Concen: 1.267 ug/l
RT: 3.97 min Scan# 367
Delta R.T. -0.00 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 684

Ion	Ratio	Lower	Upper
43	100		
58	28.0	27.3	40.9

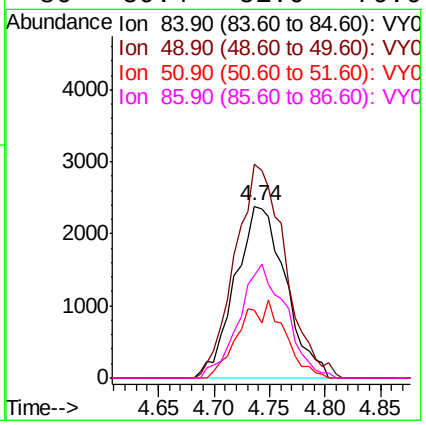


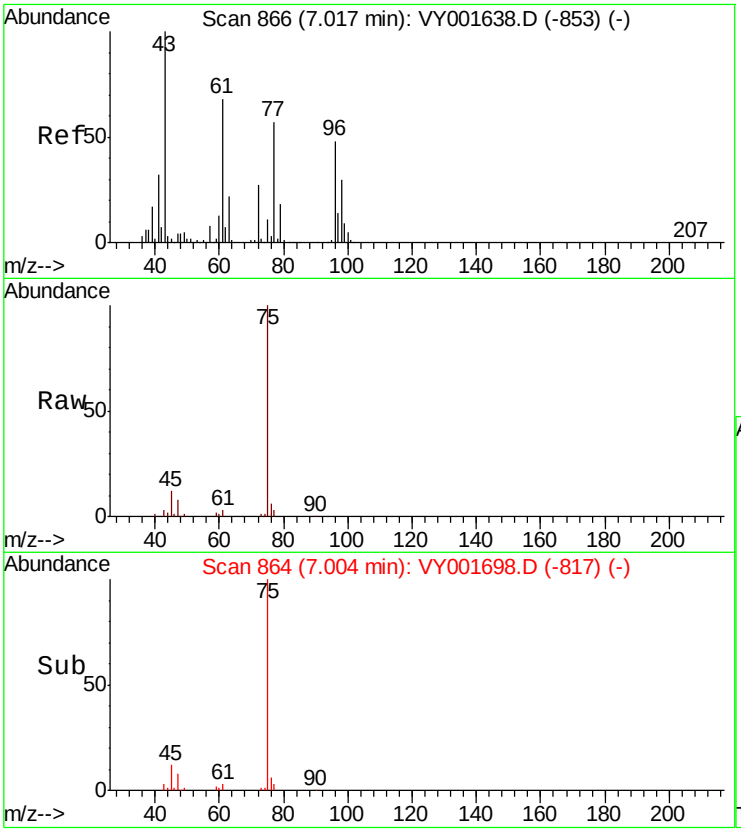


#20
Methylene Chloride
Concen: 3.903 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Tgt Ion: 84 Resp: 7481

Ion	Ratio	Lower	Upper
84	100		
49	124.5	99.2	148.8
51	39.6	31.5	47.3
86	59.4	51.0	76.6



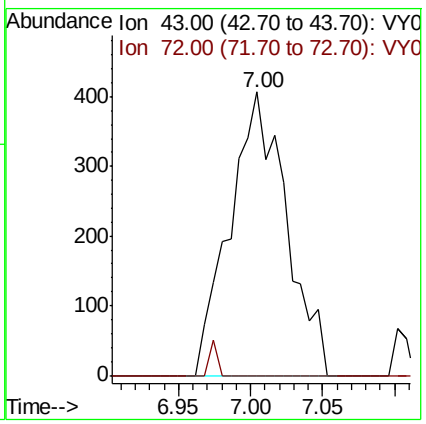


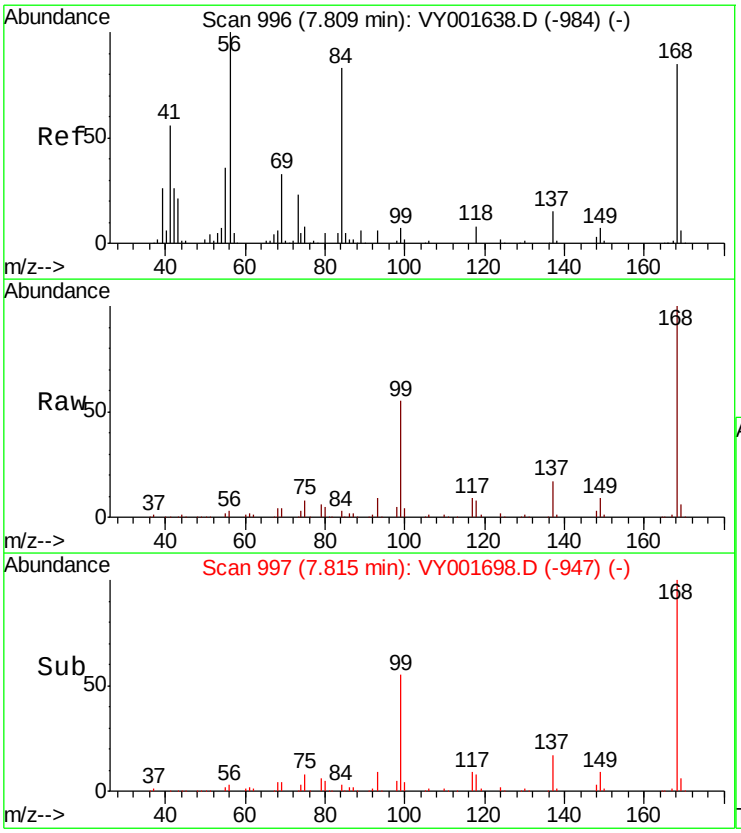
#25
2-Butanone
Concen: 1.510 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1107

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.2	31.8#

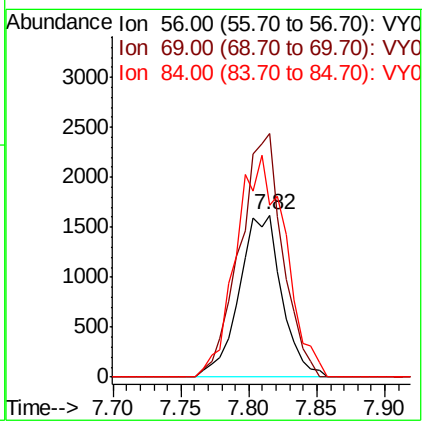


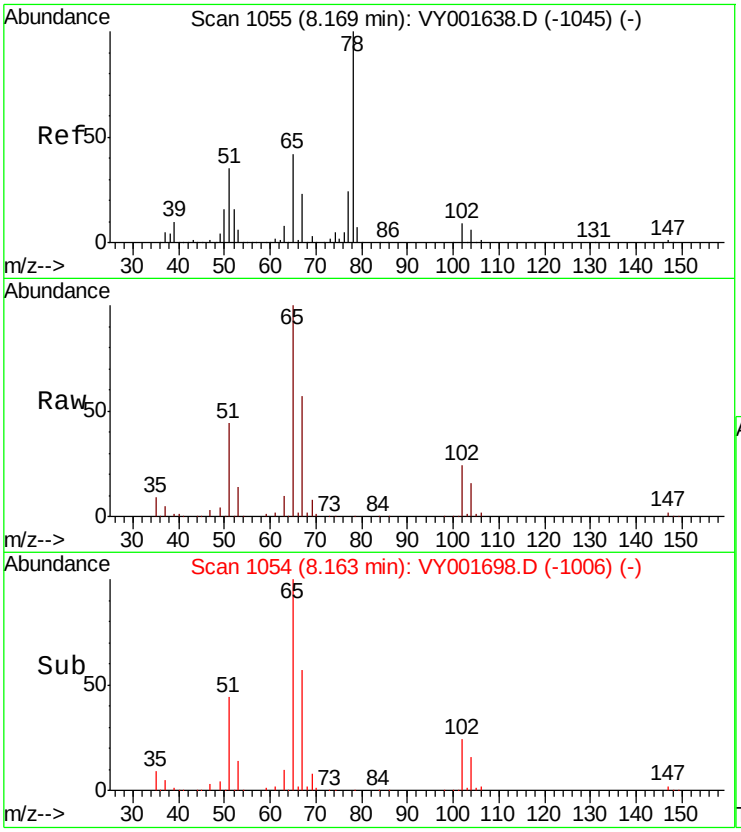


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Tgt Ion: 56 Resp: 3567

Ion	Ratio	Lower	Upper
56	100		
69	150.1	25.1	37.7#
84	114.3	66.9	100.3#



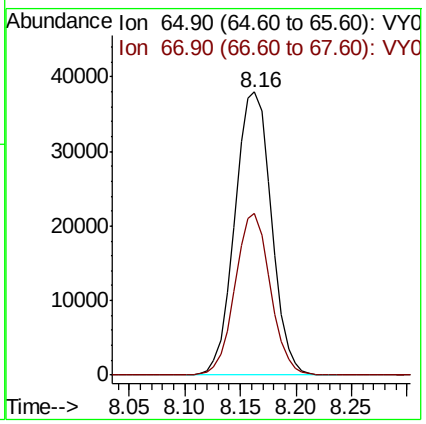


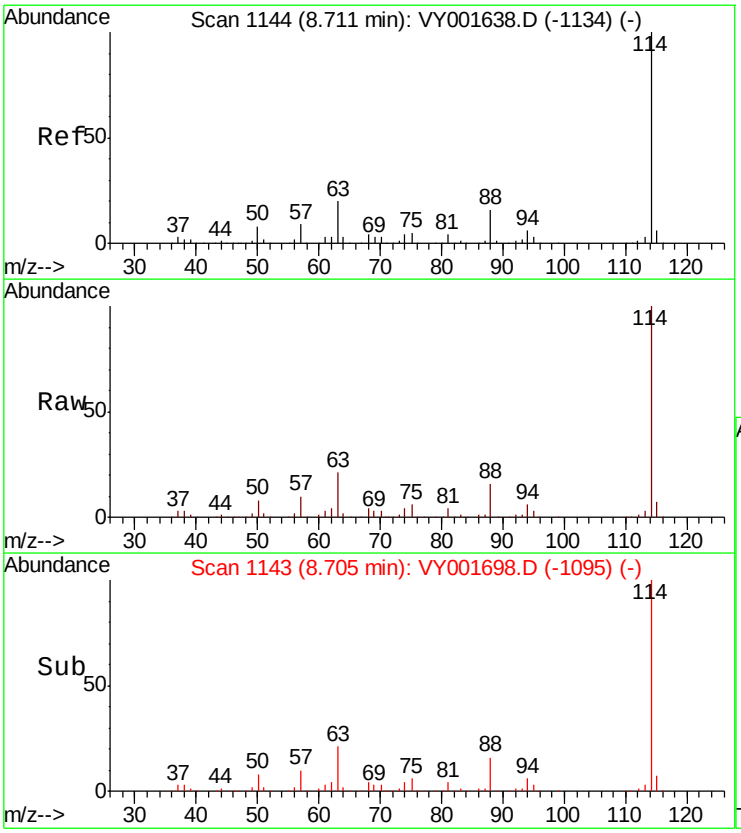
#33
1,2-Dichloroethane-d4
Concen: 55.445 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 86473

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.0

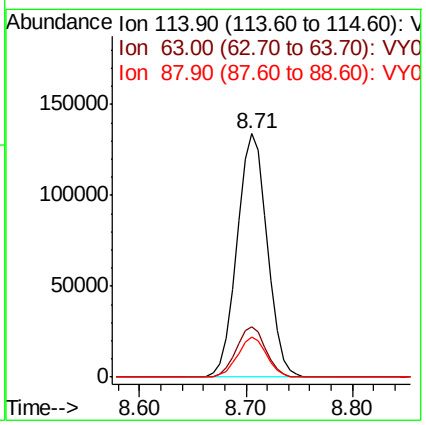


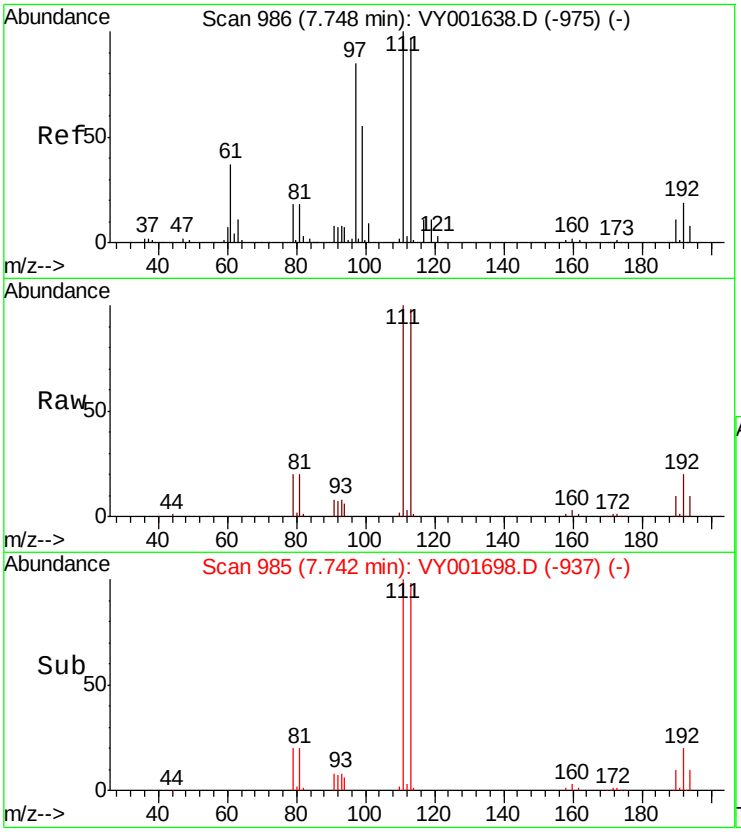


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Tgt Ion:114 Resp: 266230

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.4
88	16.4	0.0	32.8



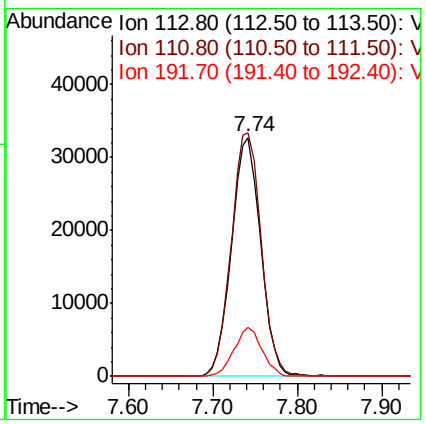


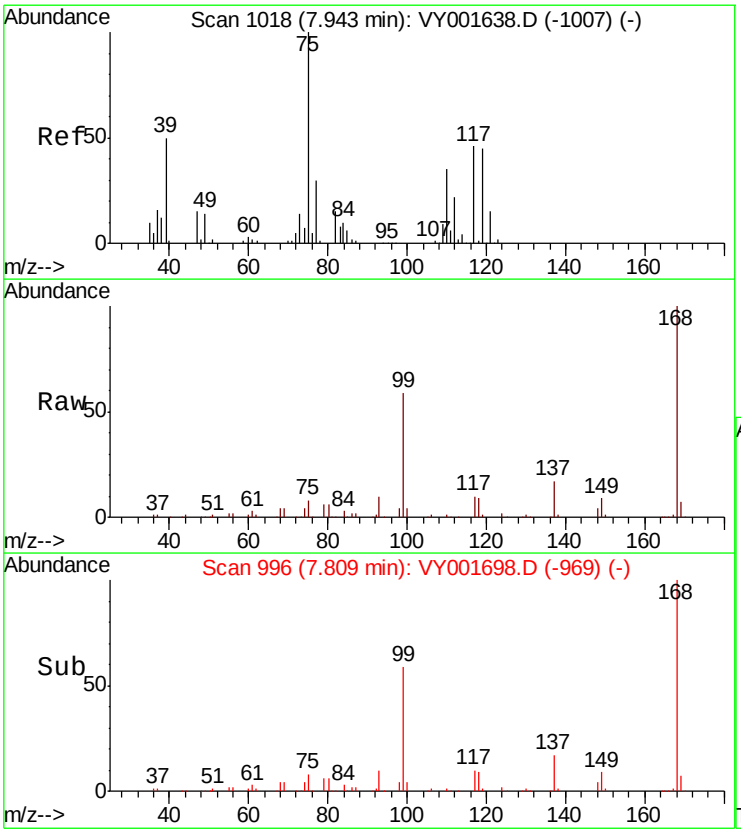
#35
Dibromofluoromethane
Concen: 50.099 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 76393

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	19.6	14.3	21.5

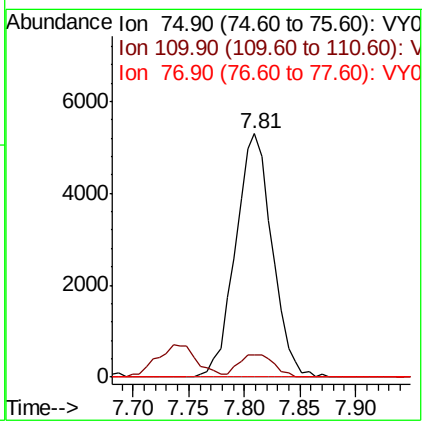


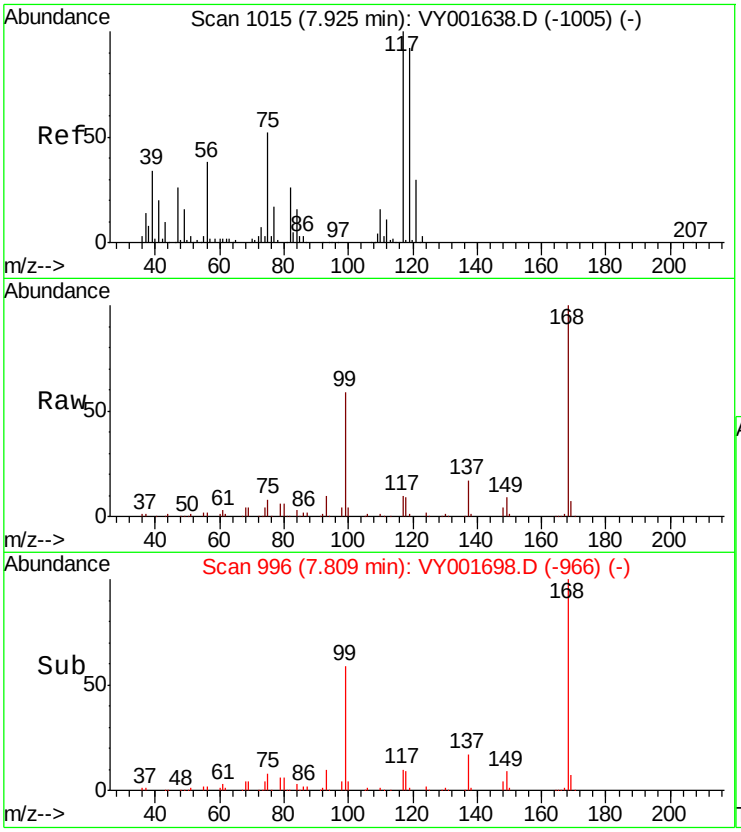


#36
1,1-Dichloropropene
Concen: 4.757 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.13 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Tgt Ion: 75 Resp: 12098

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.2	51.6#
77	0.0	24.8	37.2#



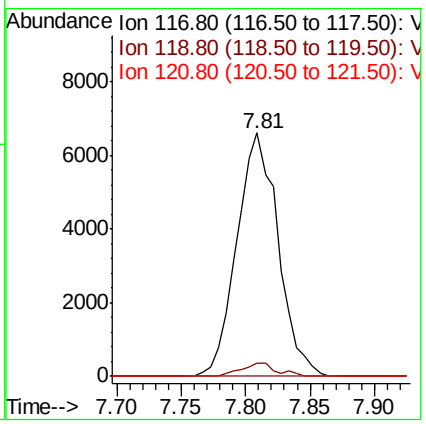


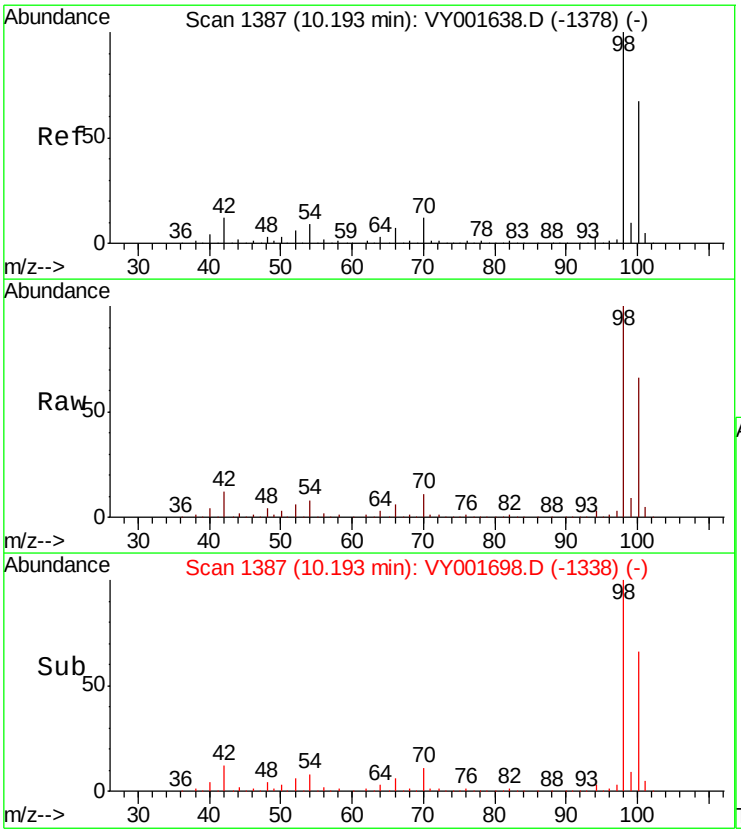
#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 14653

Ion	Ratio	Lower	Upper
117	100		
119	5.3	74.8	112.2#
121	0.0	23.8	35.6#

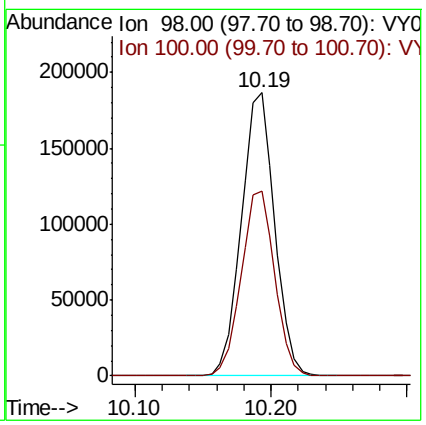


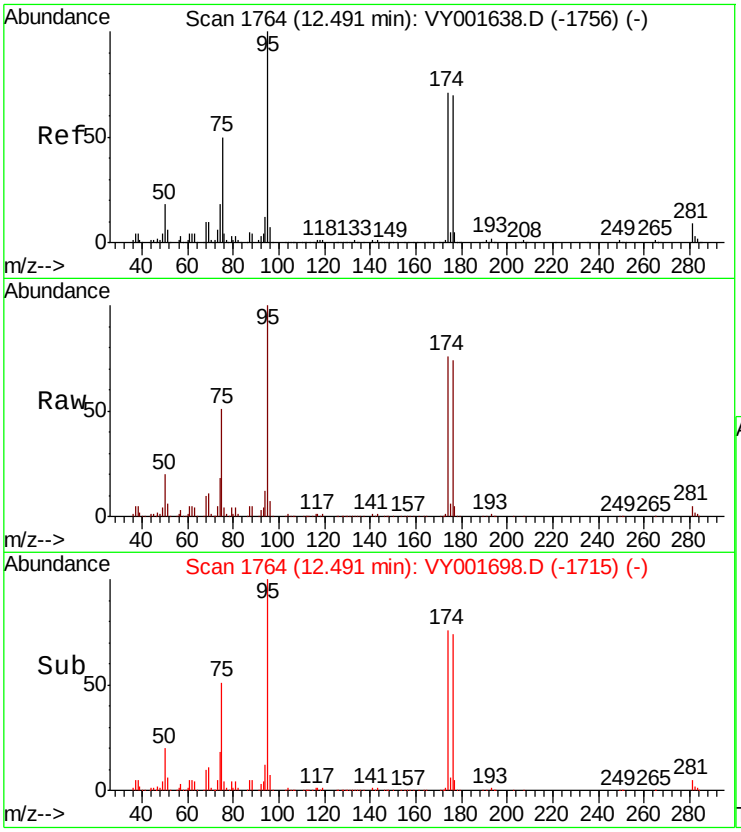


#50
Toluene-d8
Concen: 53.325 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Tgt Ion: 98 Resp: 318557

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4



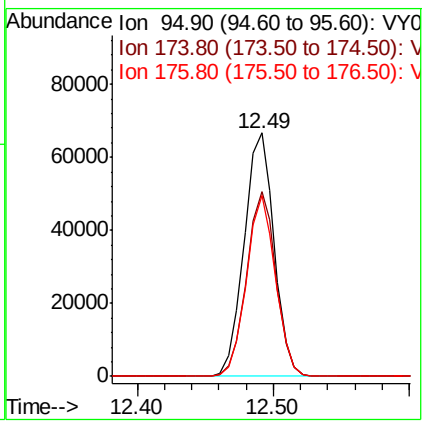


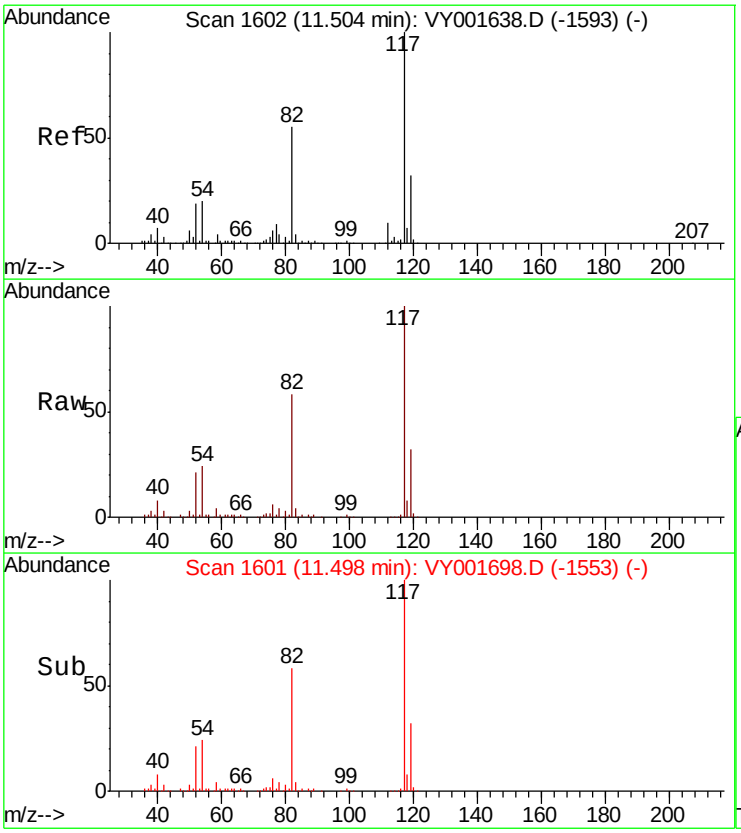
#62
4-Bromofluorobenzene
Concen: 44.302 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 102816

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	138.4
176	72.0	0.0	131.8

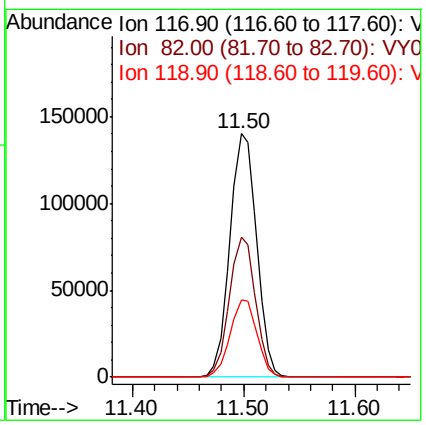


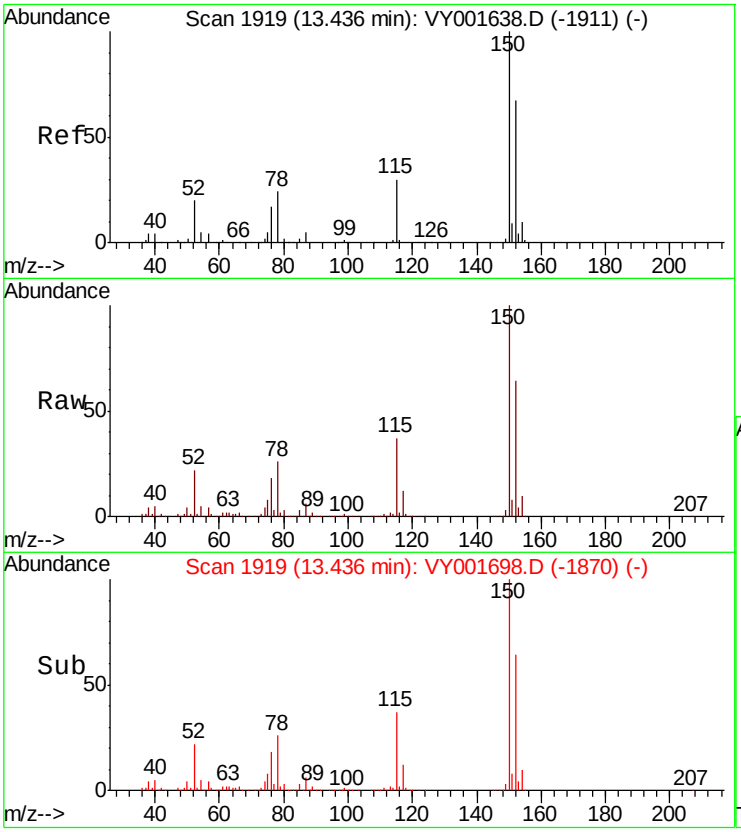


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Tgt Ion:117 Resp: 232774

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.5	68.3
119	31.8	25.8	38.6



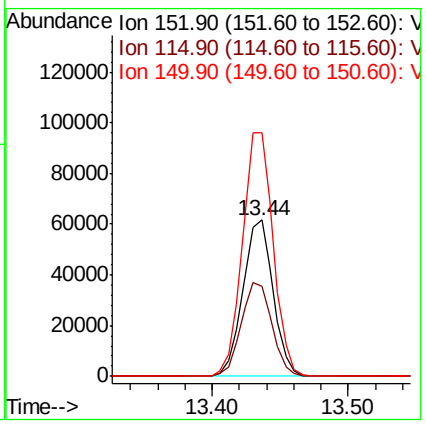


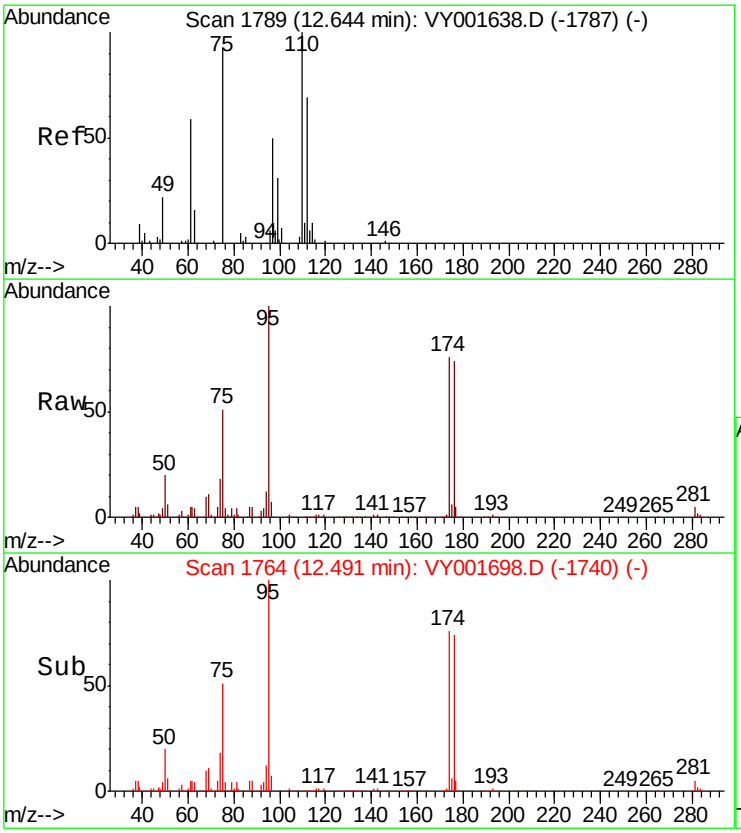
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 95641

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.4	94.2
150	158.8	0.0	407.2

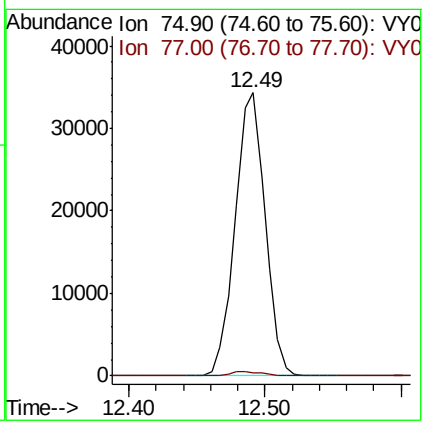


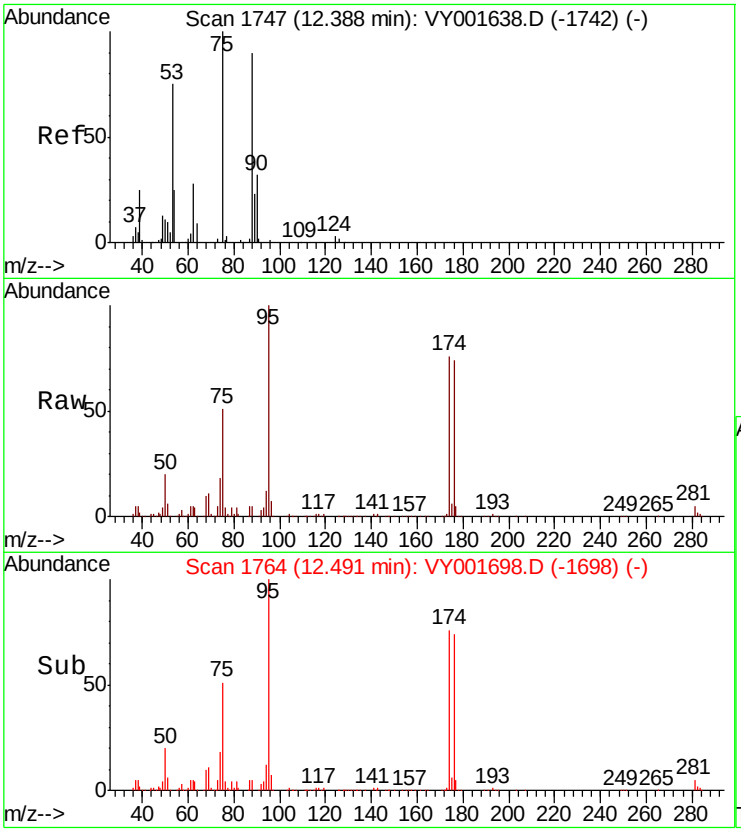


#76
1,2,3-Trichloropropane
Concen: 48.046 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Tgt Ion: 75 Resp: 52713

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.152 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 52713

Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.5	96.7#
89	0.0	36.3	54.5#