Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
Data File : VY001529.D
Acq On : 06 Feb 2020 14:41
Operator : SY/MD
Sample : L1360-02RE
Misc : 6.13G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 07 04:07:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	166516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	258665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	110390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	107233	63.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 127.92%			
35) Dibromofluoromethane	7.74	113	89277	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.86%			
50) Toluene-d8	10.19	98	348730	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.24%			
62) 4-Bromofluorobenzene	12.49	95	118331	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.36%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.98	59	202	Below Cal	#	76
16) Acetone	3.97	43	2285	4.712	ug/l #	88
20) Methylene Chloride	4.74	84	4737	Below Cal		94
31) Cyclohexane	7.82	56	3730	1.143	ug/l #	19
36) 1,1-Dichloropropene	7.82	75	13254	4.860	ug/l #	49
38) Carbon Tetrachloride	7.81	117	17090	6.477	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	59228	49.891	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	59228	96.538	ug/l #	16

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

Quantitation Report (Not Reviewed)

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Data File : VY001529.D
Acq On : 06 Feb 2020 14:41
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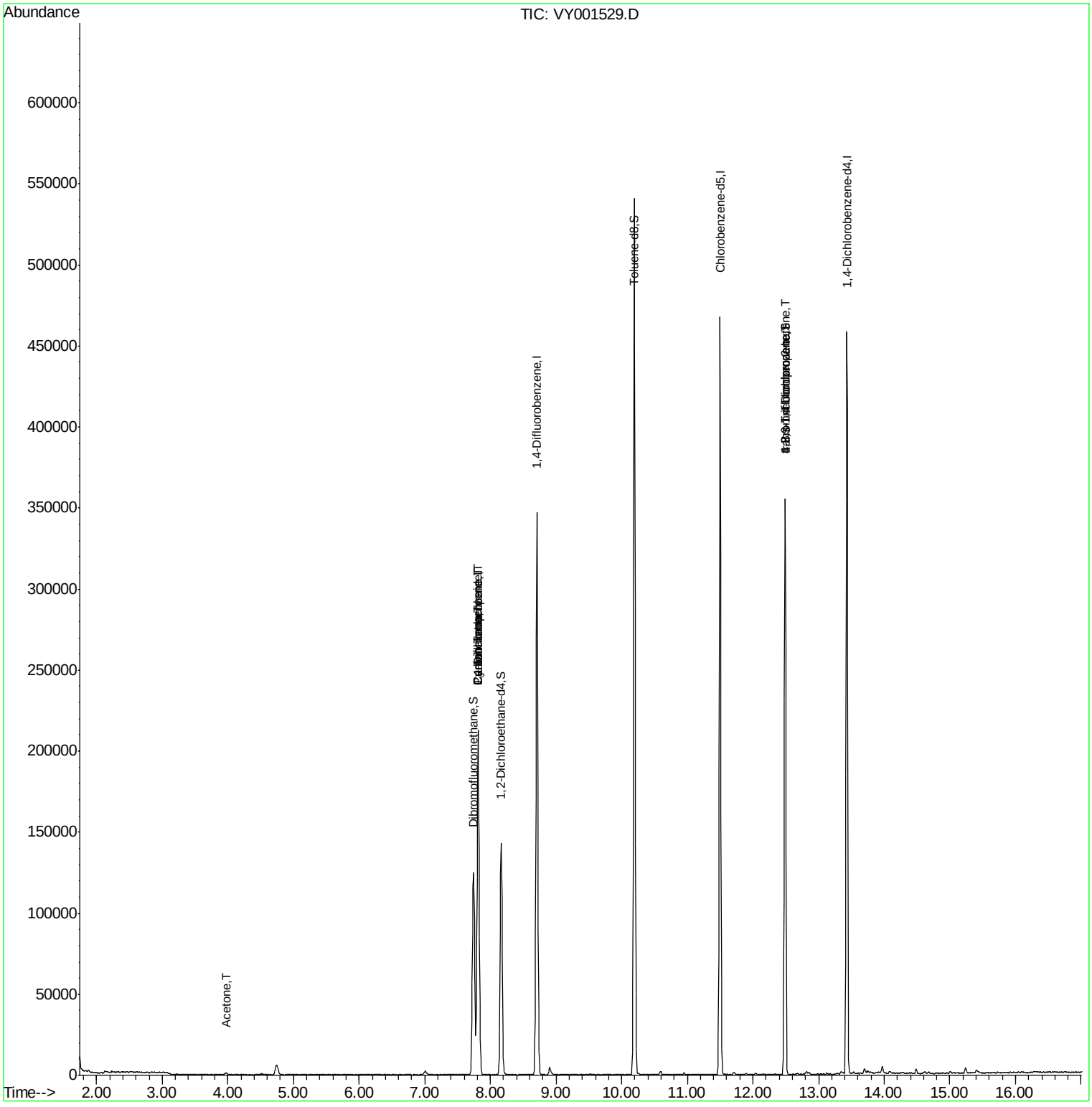
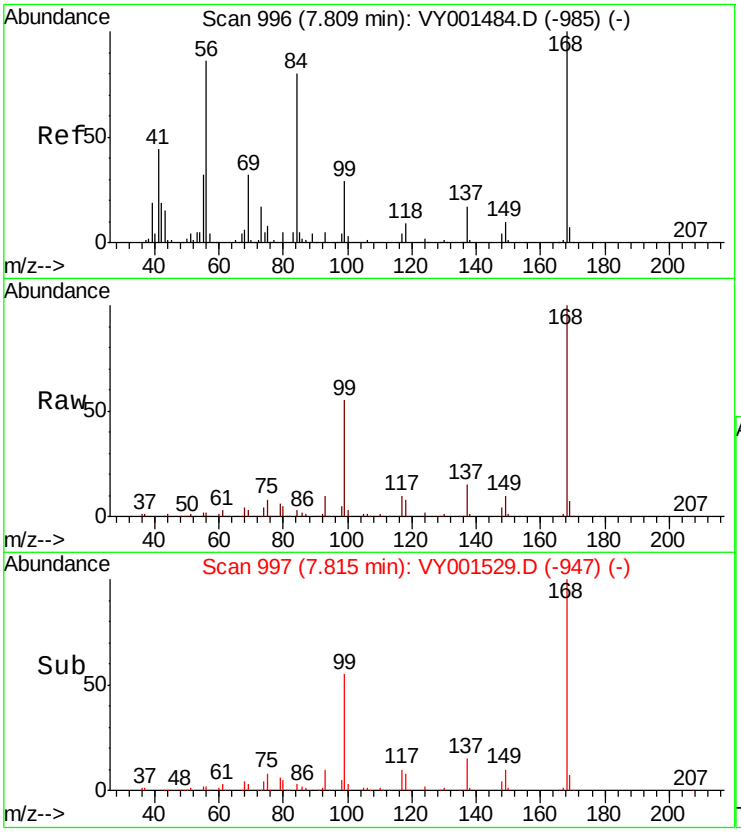


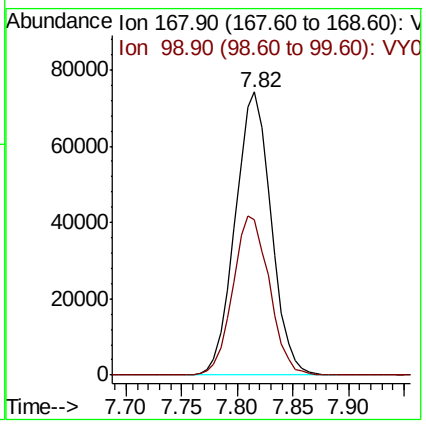


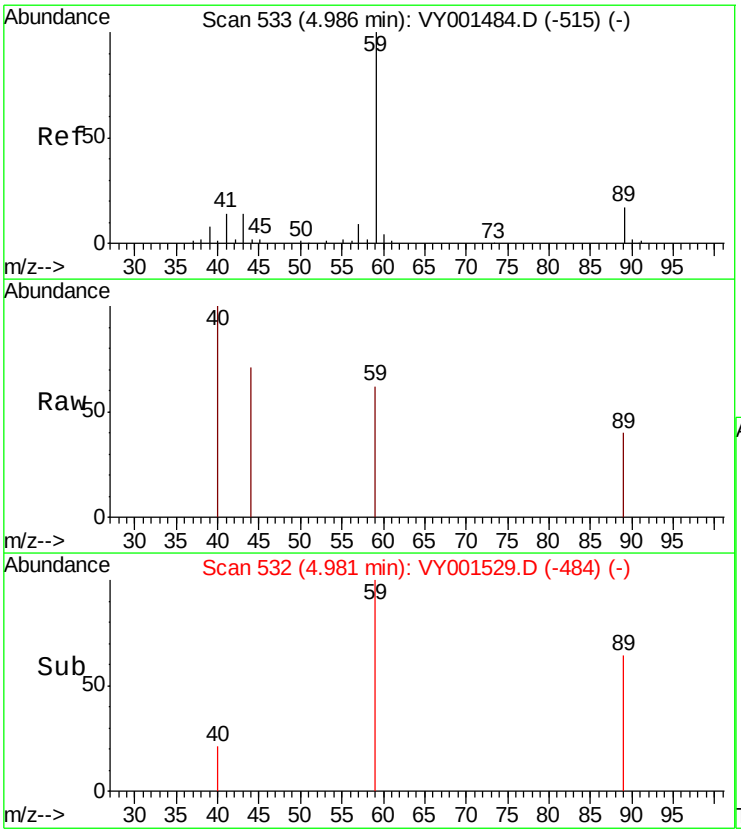
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 166516

Ion	Ratio	Lower	Upper
168	100		
99	54.9	48.2	72.4

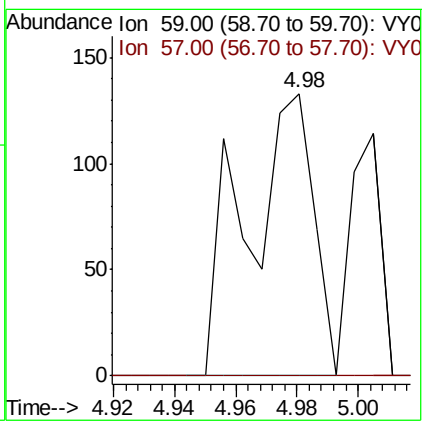


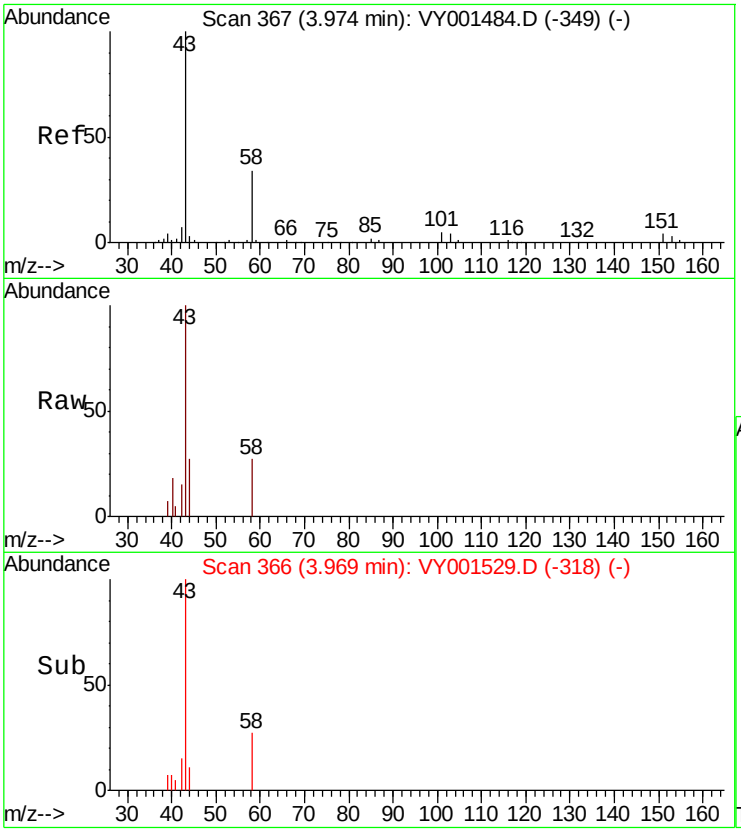


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.98 min Scan# 532
Delta R.T. -0.01 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Tgt Ion: 59 Resp: 202

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.6#



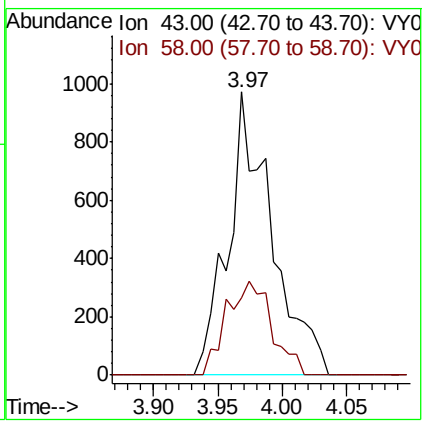


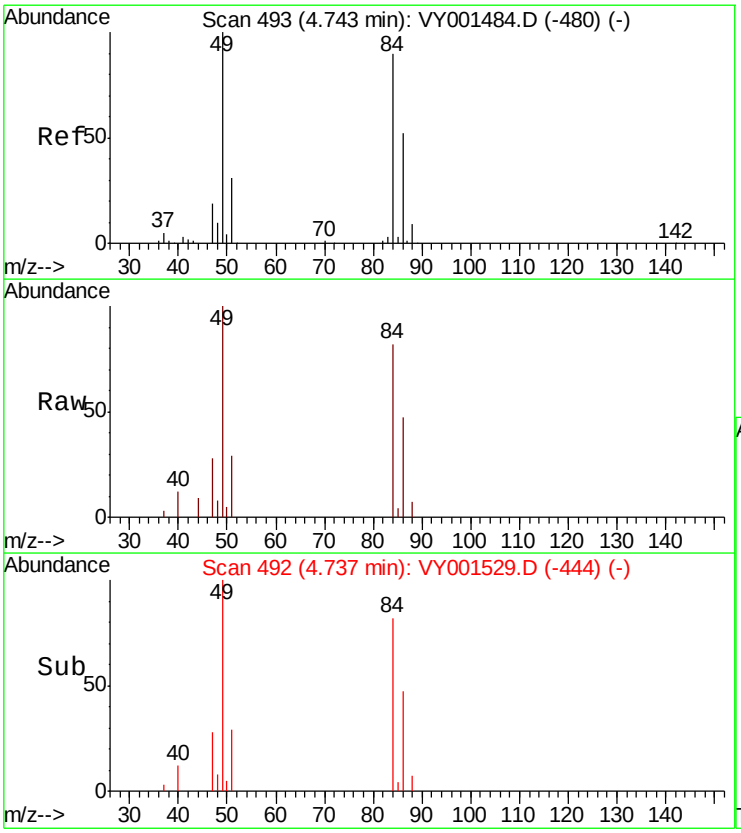
#16
Acetone
Concen: 4.712 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.01 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2285

Ion	Ratio	Lower	Upper
43	100		
58	27.5	27.5	41.3#

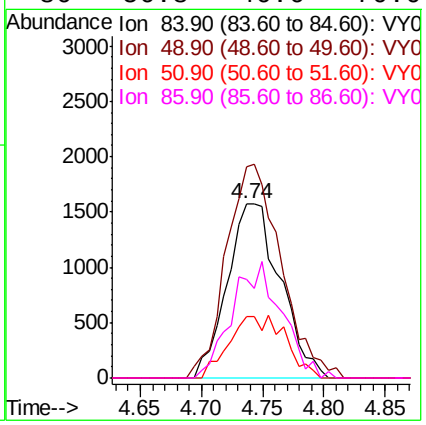


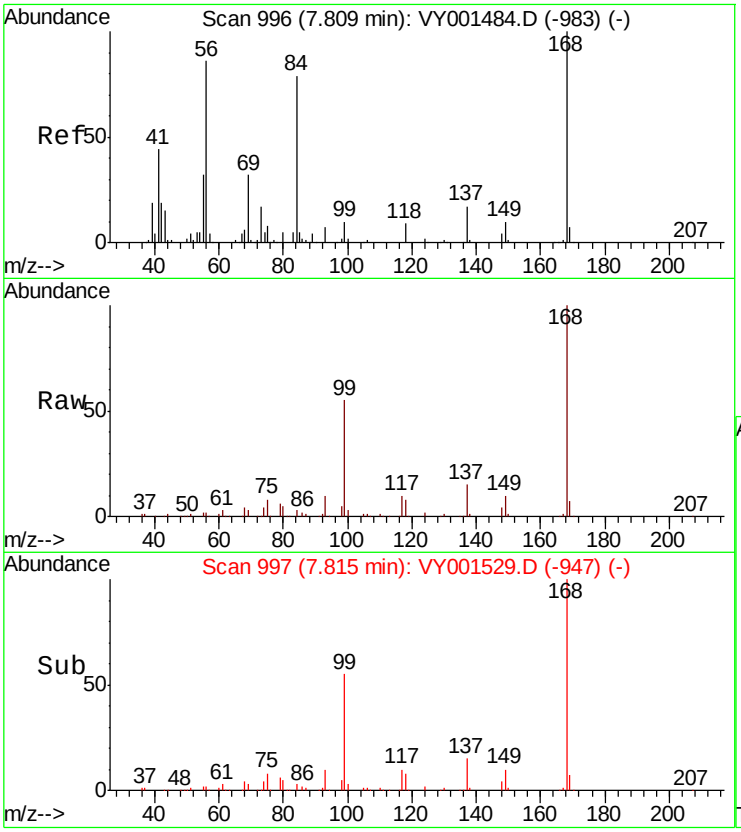


#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Tgt Ion: 84 Resp: 4737

Ion	Ratio	Lower	Upper
84	100		
49	121.6	89.0	133.6
51	35.0	27.4	41.2
86	56.8	46.6	70.0



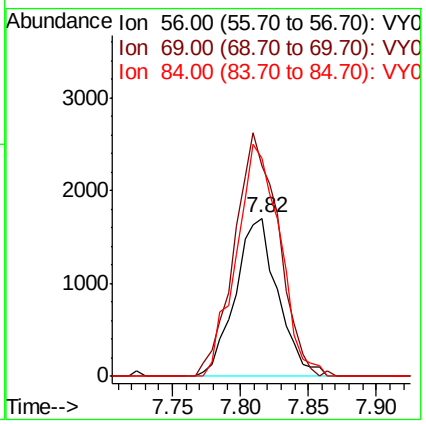


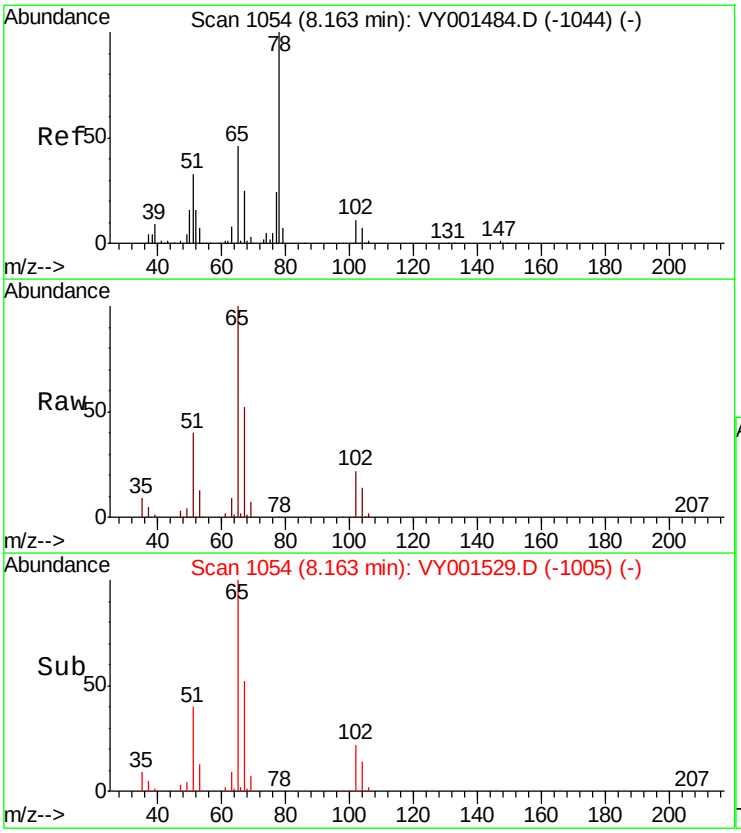
#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 3730

Ion	Ratio	Lower	Upper
56	100		
69	133.3	29.6	44.4#
84	137.8	73.6	110.4#

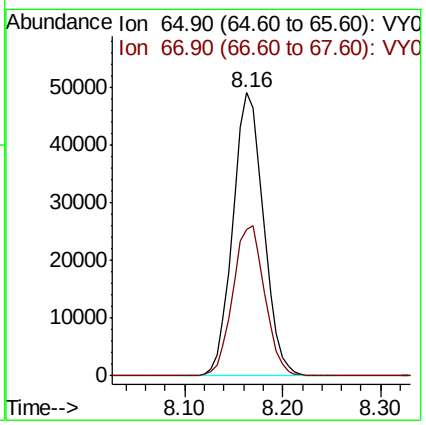


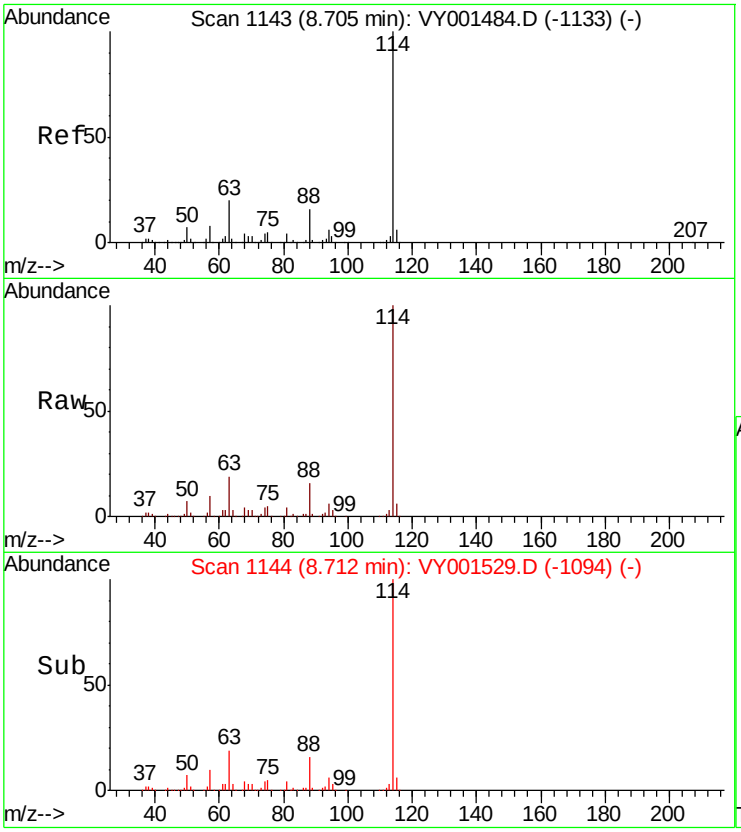


#33
1,2-Dichloroethane-d4
Concen: 63.960 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Tgt Ion: 65 Resp: 107233

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	108.6



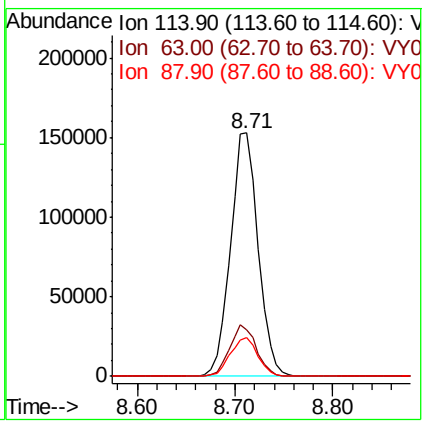


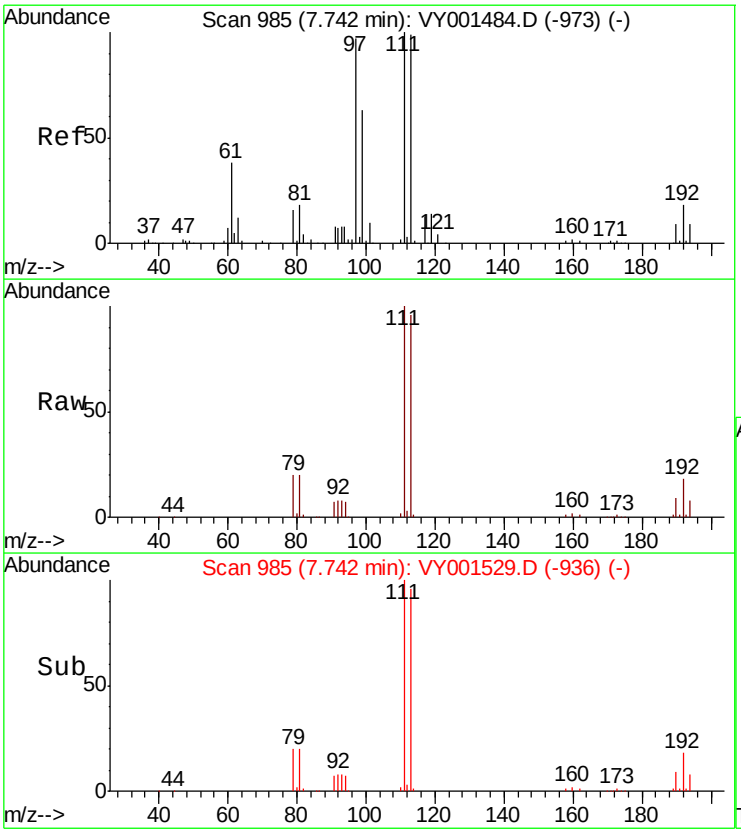
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 298114

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.8
88	16.0	0.0	32.6

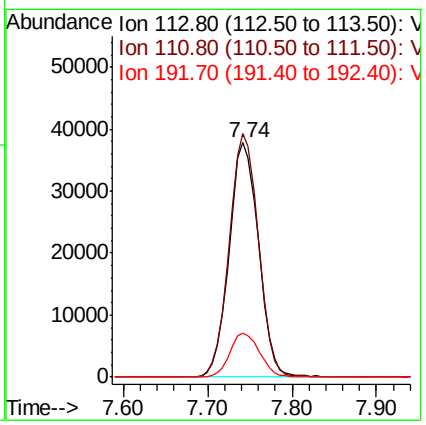


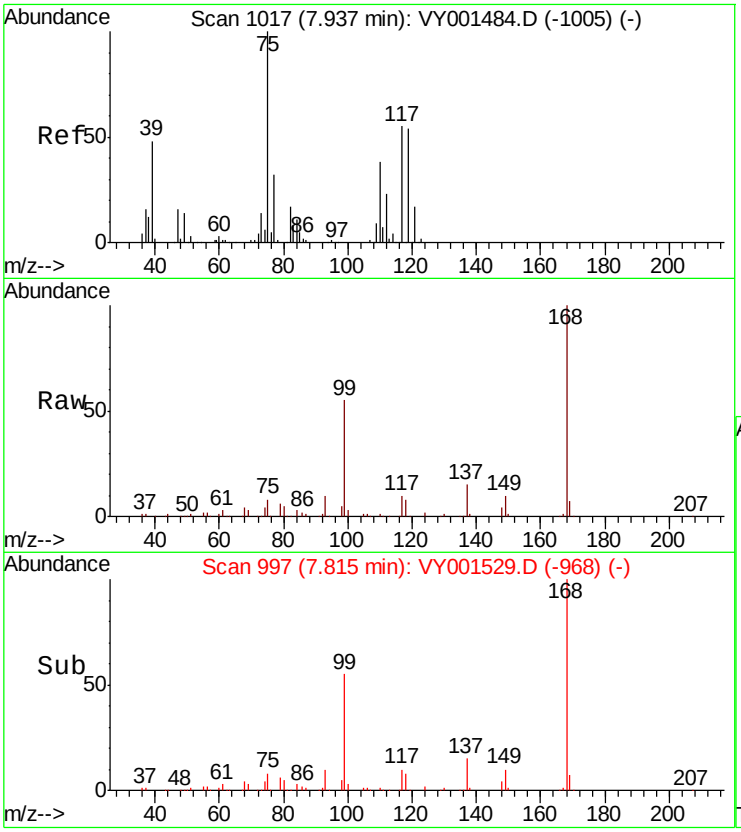


#35
Dibromofluoromethane
Concen: 51.933 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.00 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Tgt Ion:113 Resp: 89277

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	18.7	14.6	22.0



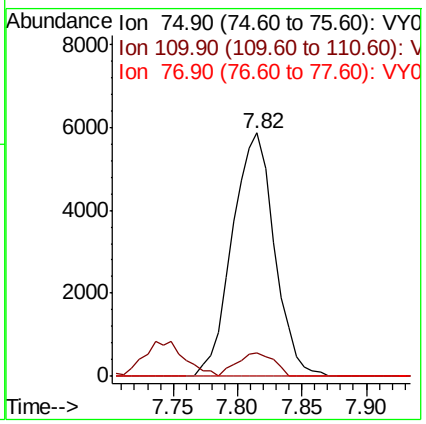


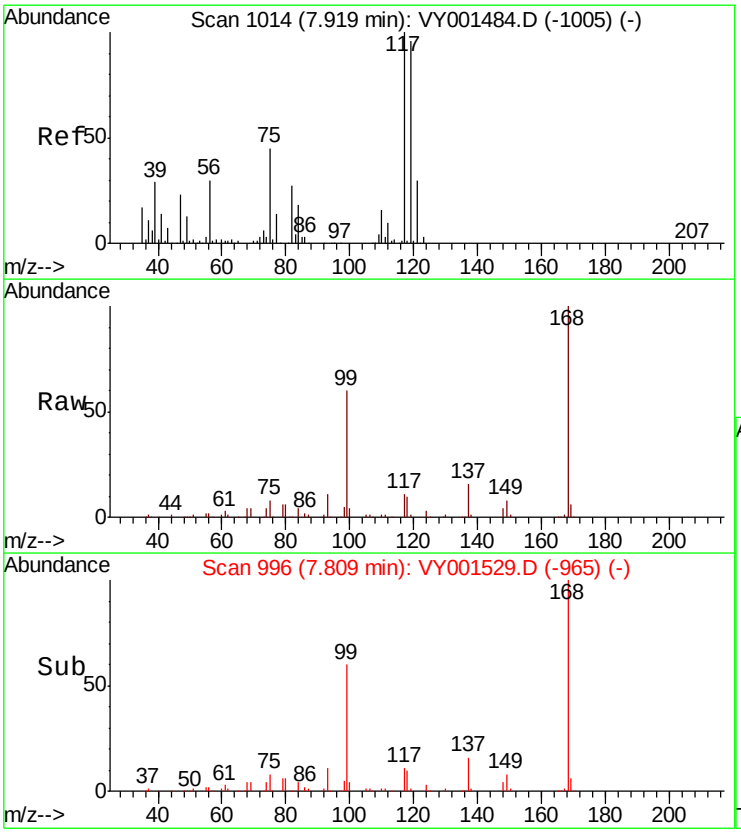
#36
1,1-Dichloropropene
Concen: 4.860 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13254

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.2	54.6#
77	0.0	25.0	37.4#

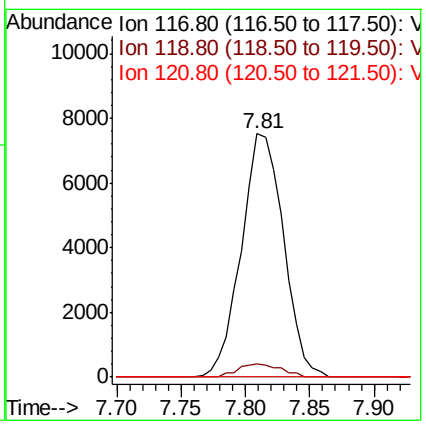


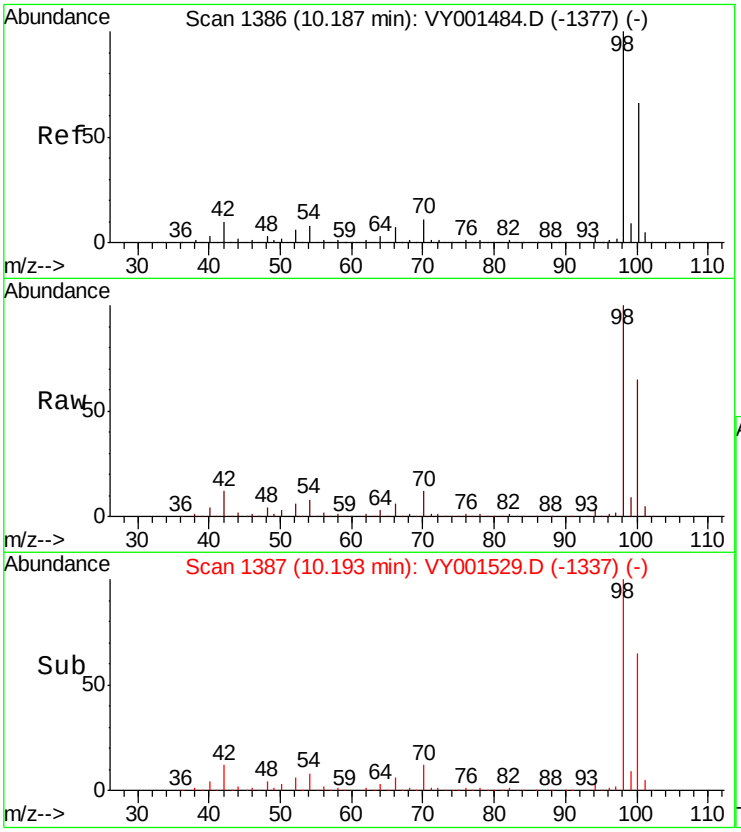


#38
Carbon Tetrachloride
Concen: 6.477 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Tgt Ion:117 Resp: 17090

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.4	114.6#
121	0.0	24.2	36.4#



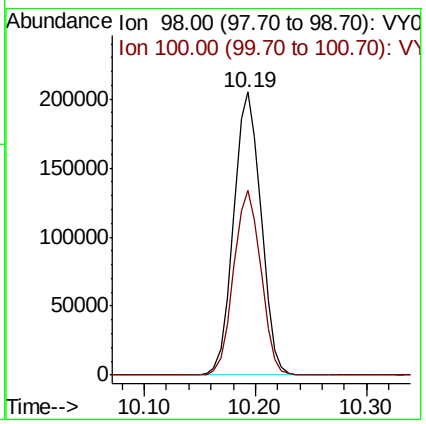


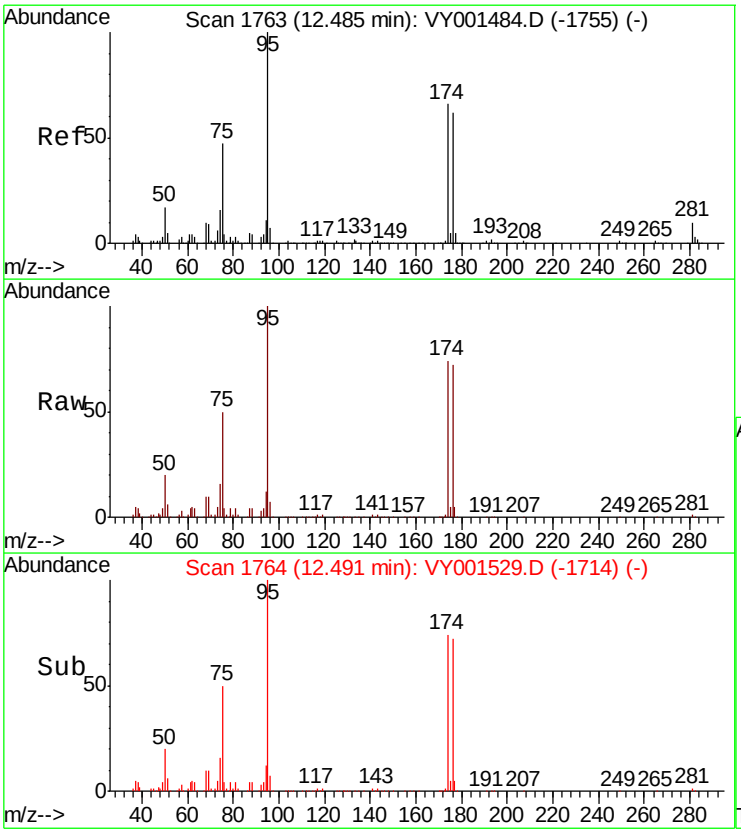
#50
Toluene-d8
Concen: 53.618 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 348730

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.6

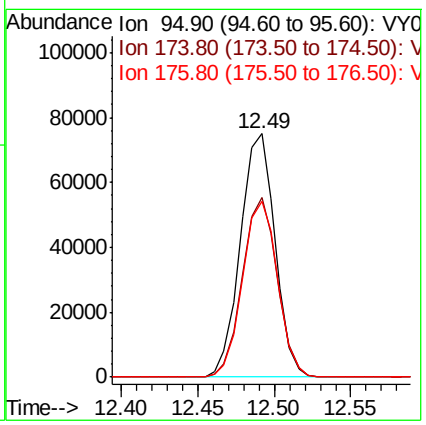


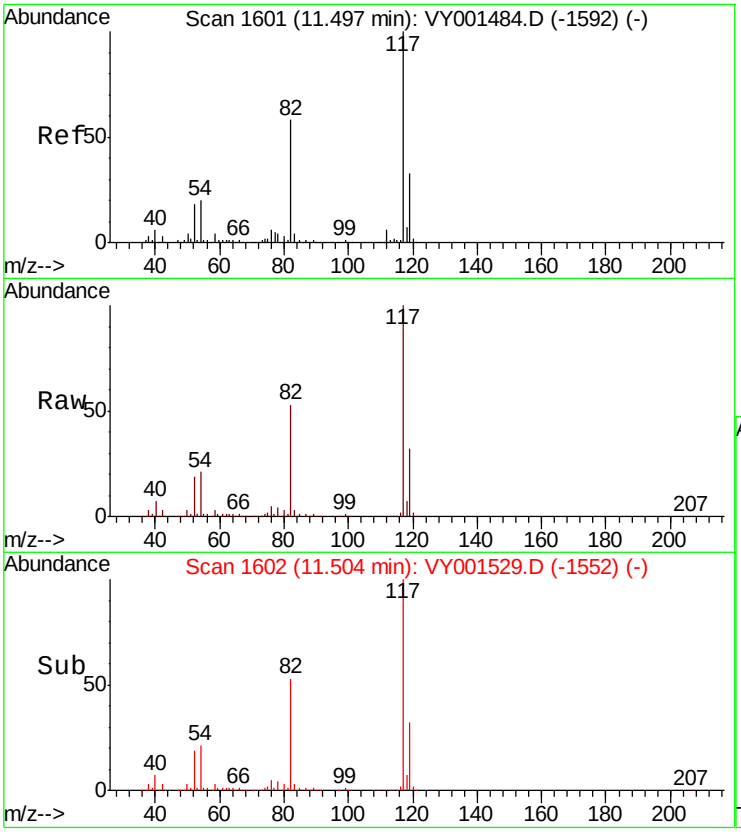


#62
4-Bromofluorobenzene
Concen: 46.183 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Tgt Ion: 95 Resp: 118331

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	141.4
176	72.9	0.0	135.4



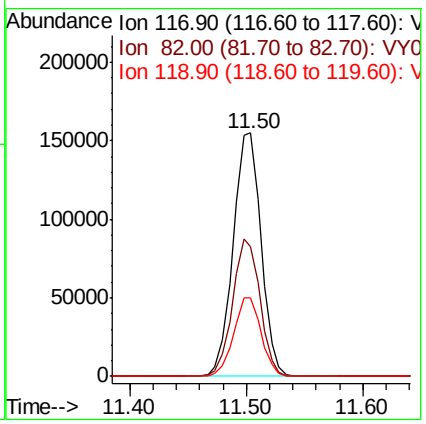


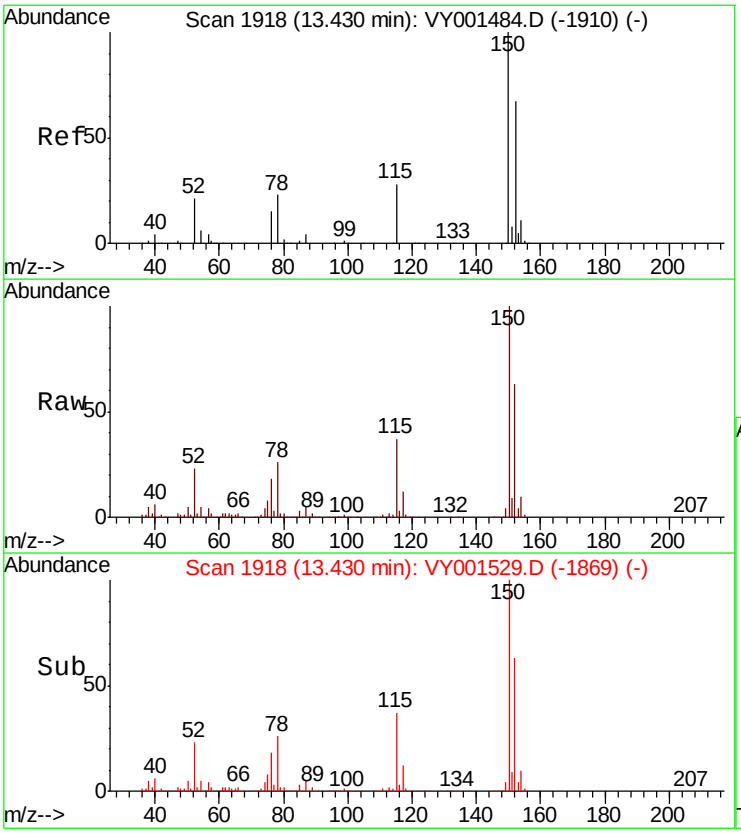
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 258665

Ion	Ratio	Lower	Upper
117	100		
82	53.1	46.1	69.1
119	32.0	26.1	39.1

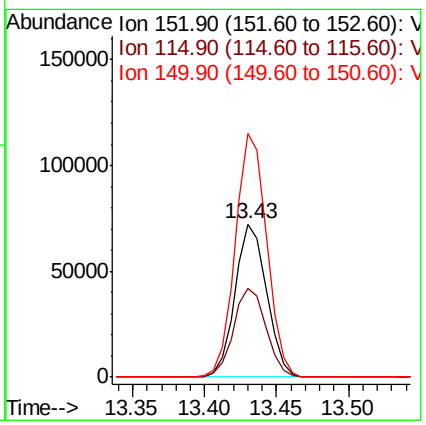


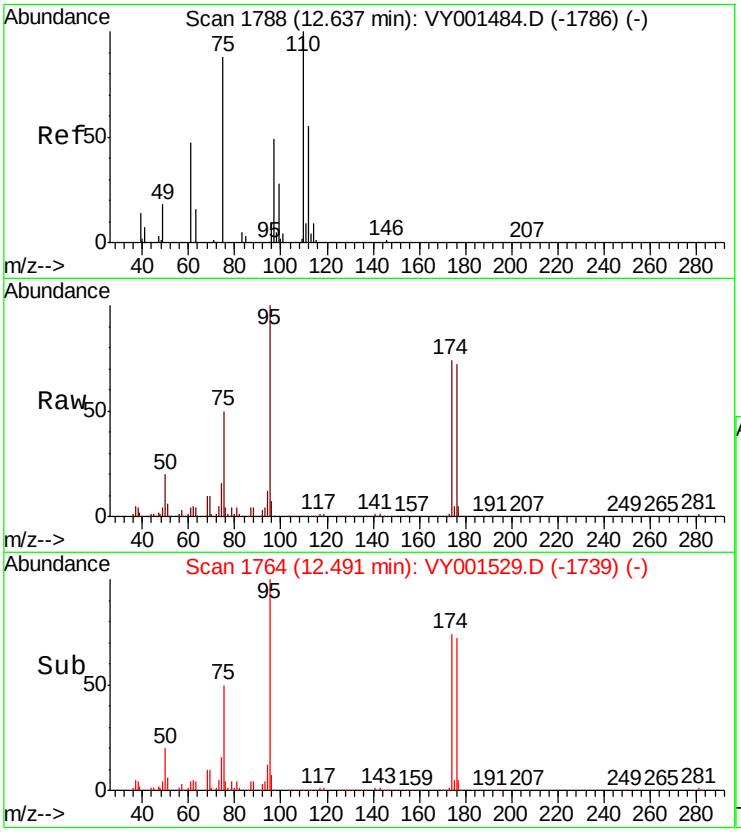


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Tgt Ion:152 Resp: 110390

Ion	Ratio	Lower	Upper
152	100		
115	59.8	31.4	94.3
150	158.4	0.0	346.8



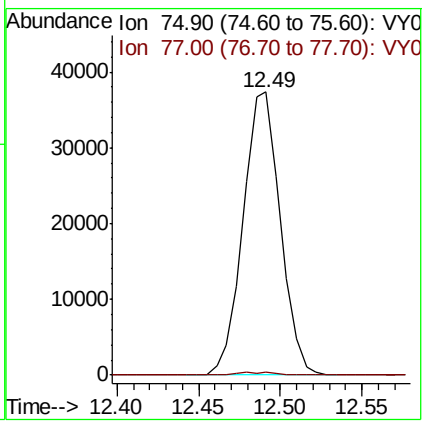


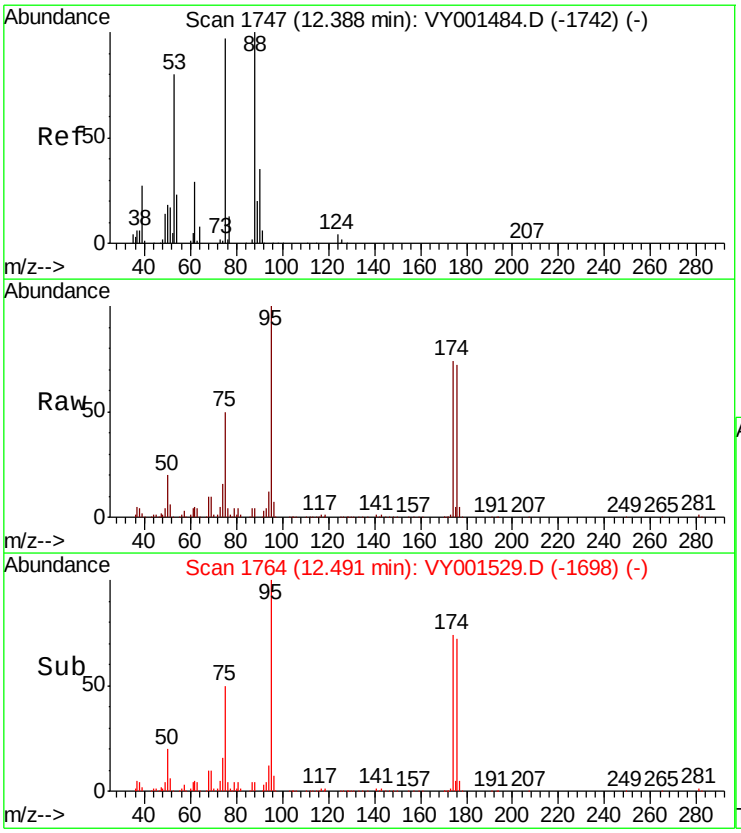
#76
1,2,3-Trichloropropane
Concen: 49.891 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 59228

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.538 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001529.D
Acq: 06 Feb 2020 14:41

Tgt Ion: 75 Resp: 59228

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.7	101.5#
89	0.1	34.6	52.0#