Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
Data File : VY001748.D
Acq On : 21 Feb 2020 17:17
Operator : SY/MD
Sample : L1635-18
Misc : 5.83G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 22 03:44:10 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	156652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	296930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	271979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	125075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	100369	59.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.14%			
35) Dibromofluoromethane	7.74	113	87958	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.44%			
50) Toluene-d8	10.19	98	354054	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.28%			
62) 4-Bromofluorobenzene	12.49	95	124919	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.52%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.97	59	1735	Below Cal	#	74
16) Acetone	3.98	43	986	1.691	ug/l	90
20) Methylene Chloride	4.75	84	6175	2.982	ug/l	95
31) Cyclohexane	7.81	56	3629	1.025	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	13252	4.672	ug/l #	49
38) Carbon Tetrachloride	7.82	117	15815	6.348	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	65014	45.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	65014	85.967	ug/l #	17

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

Quantitation Report (Not Reviewed)

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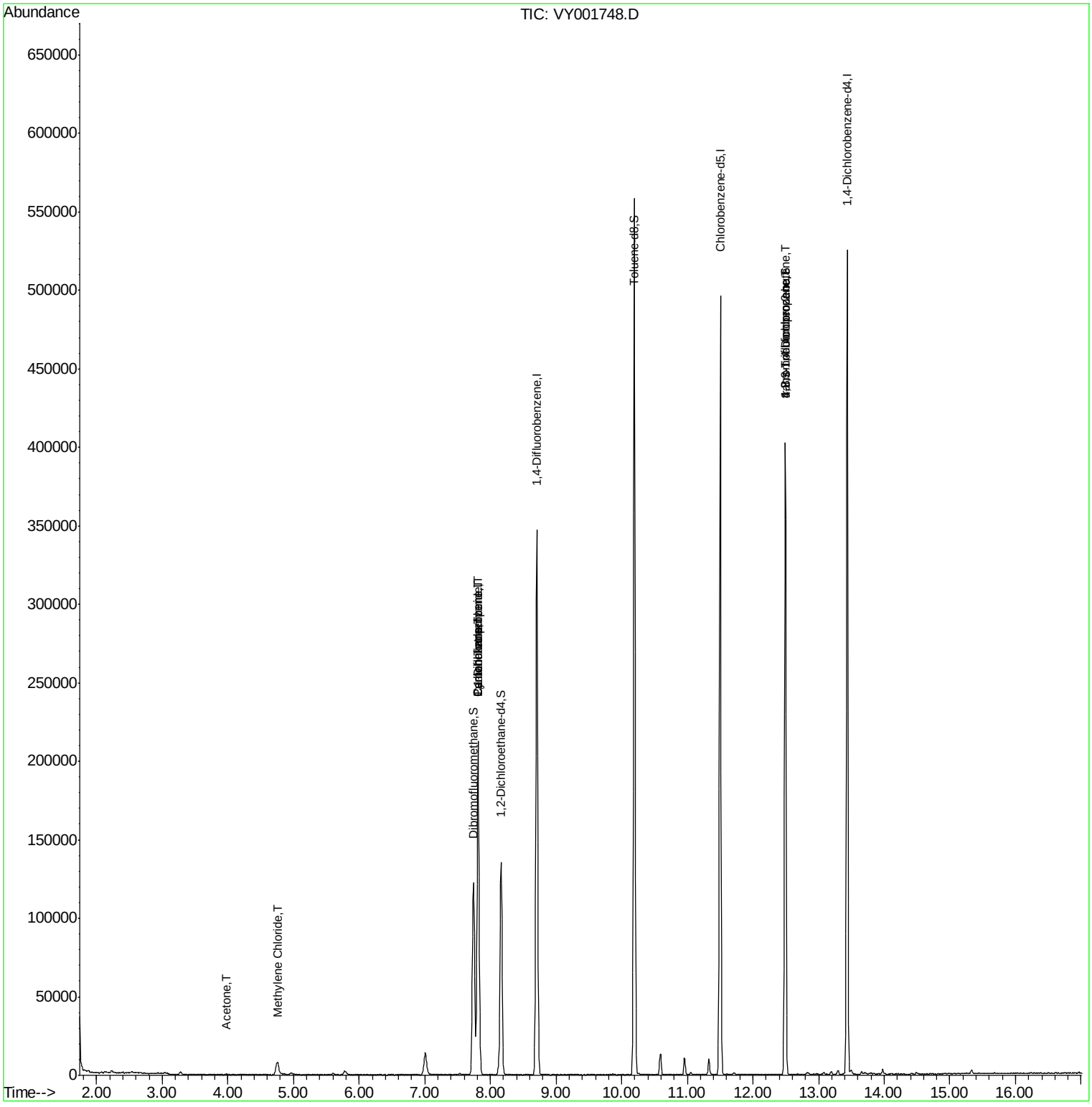
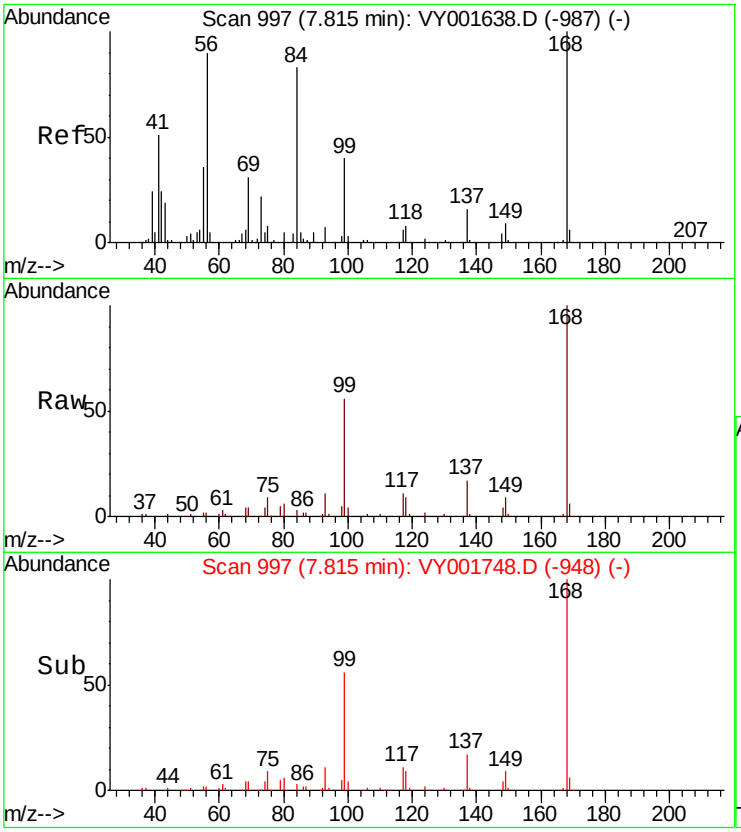


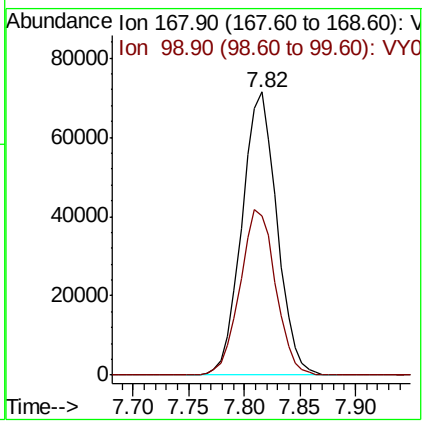


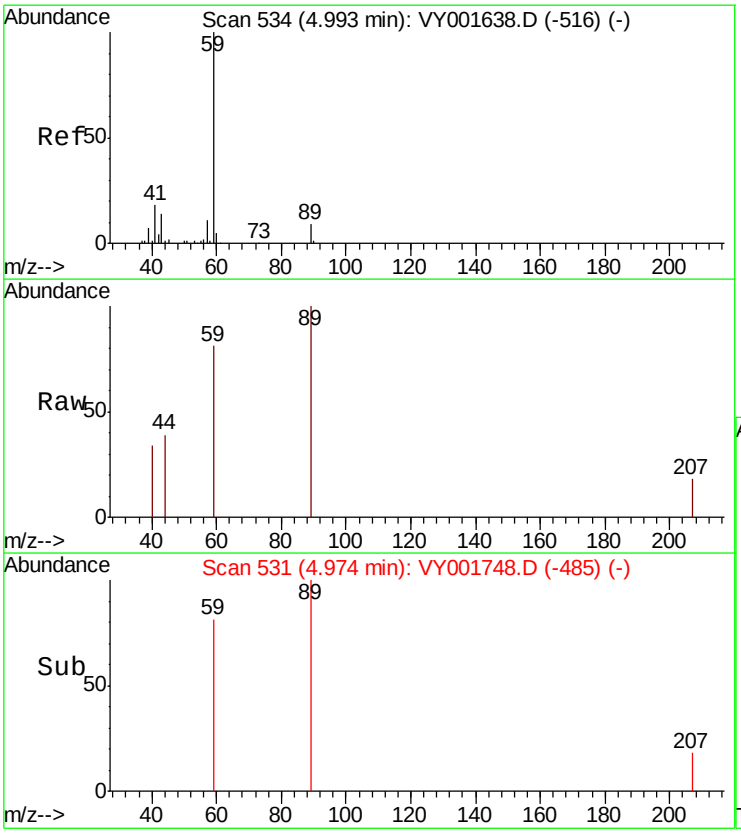
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.00 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 156652

Ion	Ratio	Lower	Upper
168	100		
99	56.3	47.5	71.3

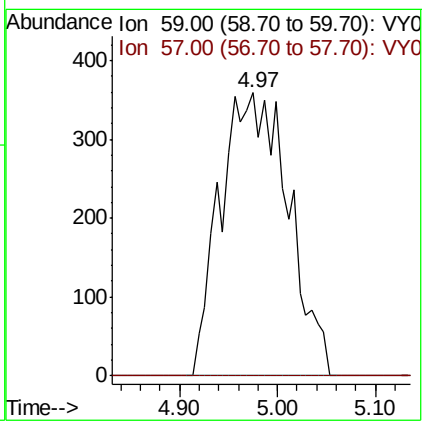


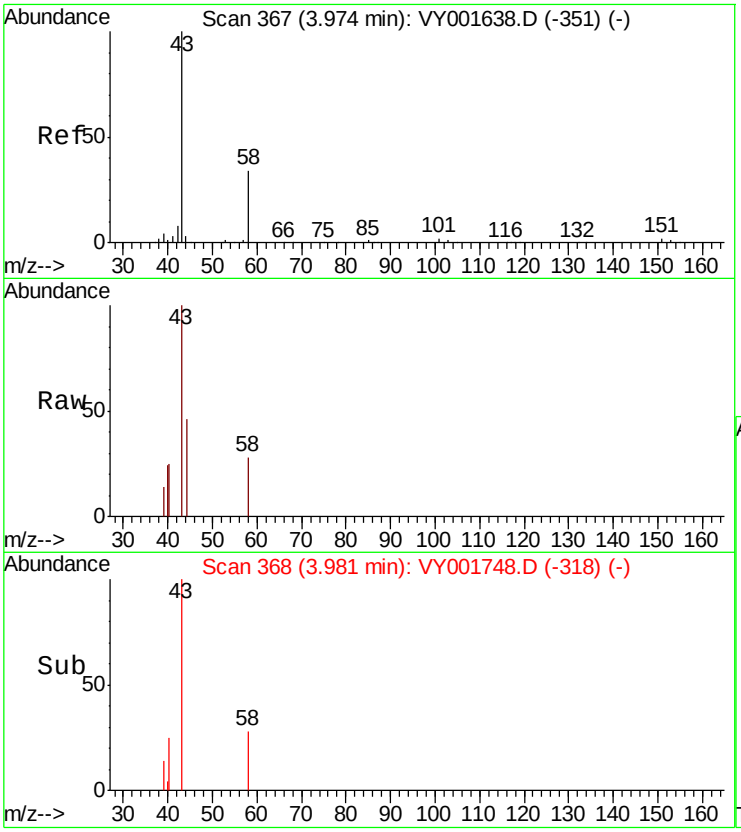


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 531
Delta R.T. -0.02 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Tgt Ion: 59 Resp: 1735

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



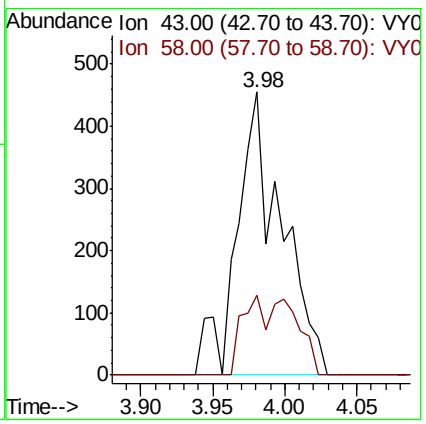


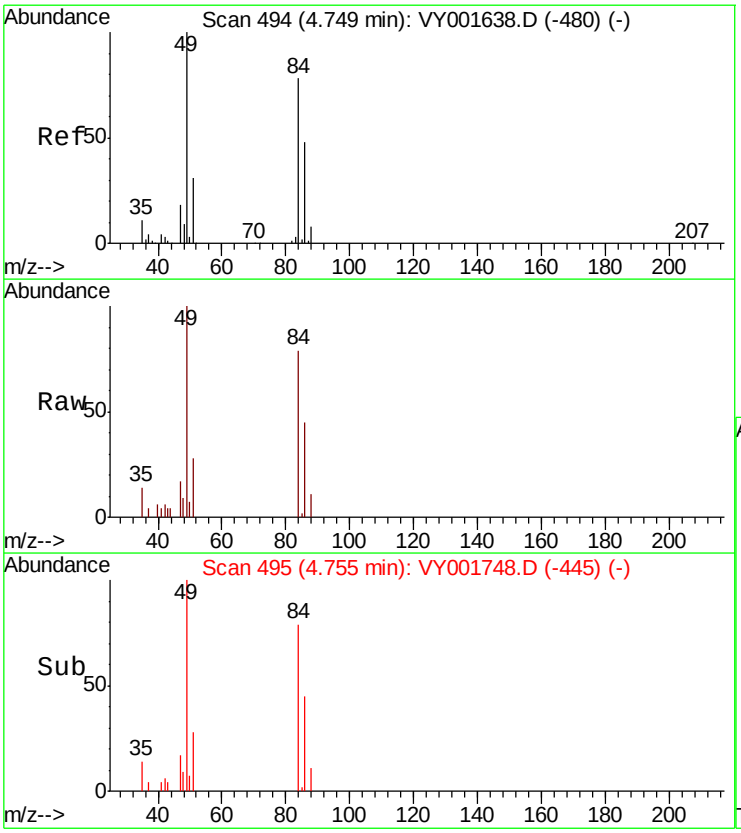
#16
Acetone
Concen: 1.691 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 986

Ion	Ratio	Lower	Upper
43	100		
58	28.1	27.3	40.9

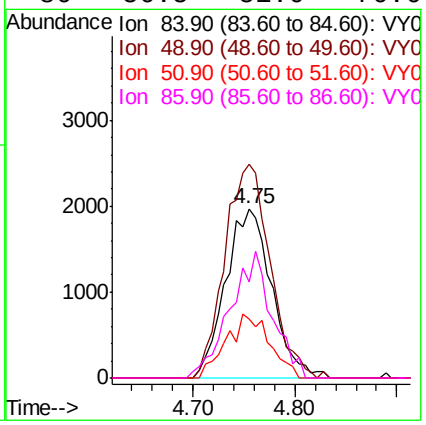


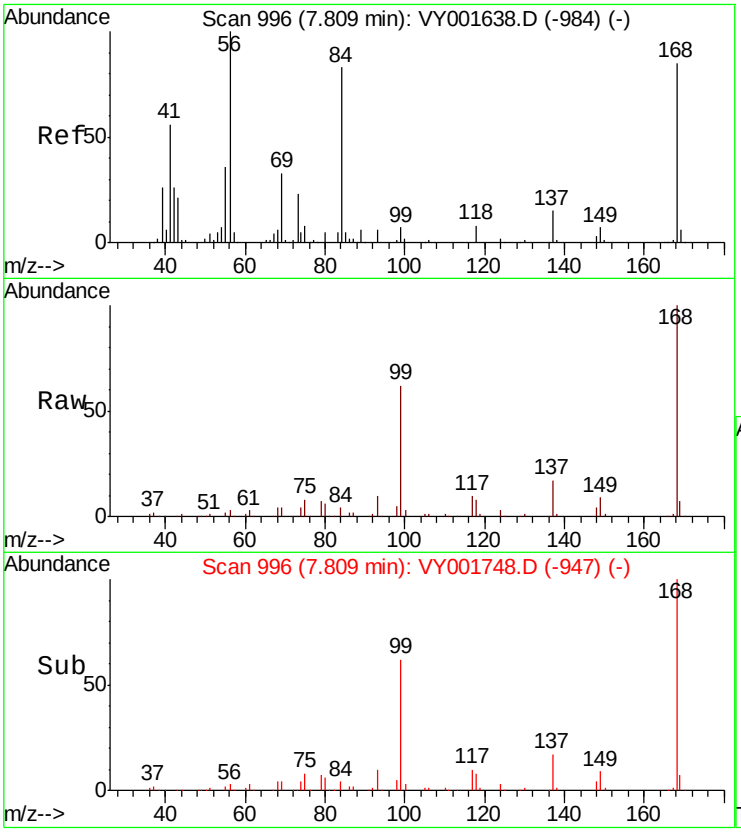


#20
Methylene Chloride
Concen: 2.982 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Tgt Ion: 84 Resp: 6175

Ion	Ratio	Lower	Upper
84	100		
49	126.4	99.2	148.8
51	35.1	31.5	47.3
86	56.5	51.0	76.6



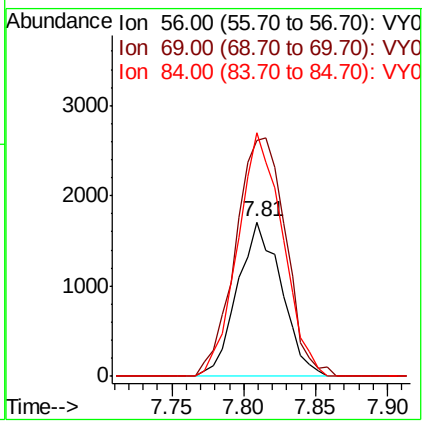


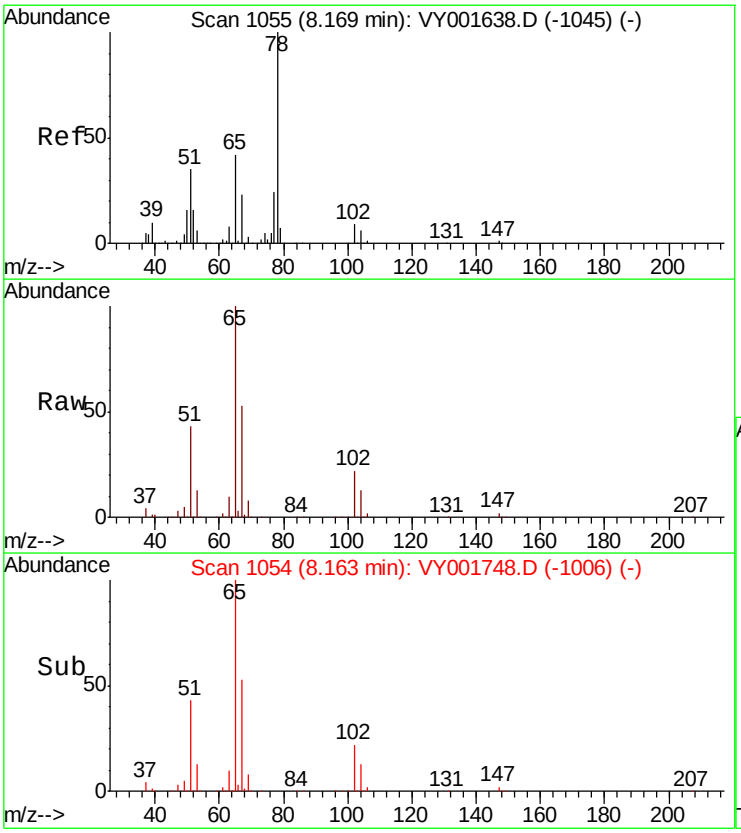
#31
Cyclohexane
Concen: 1.025 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 3629

Ion	Ratio	Lower	Upper
56	100		
69	152.7	25.1	37.7#
84	157.6	66.9	100.3#

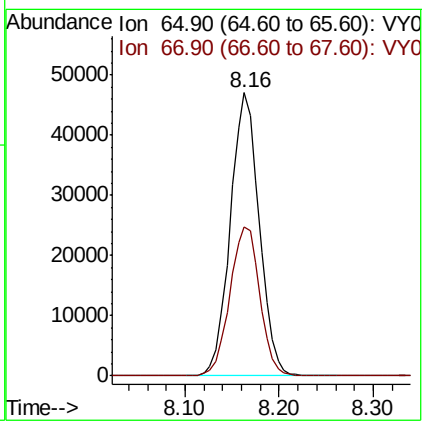


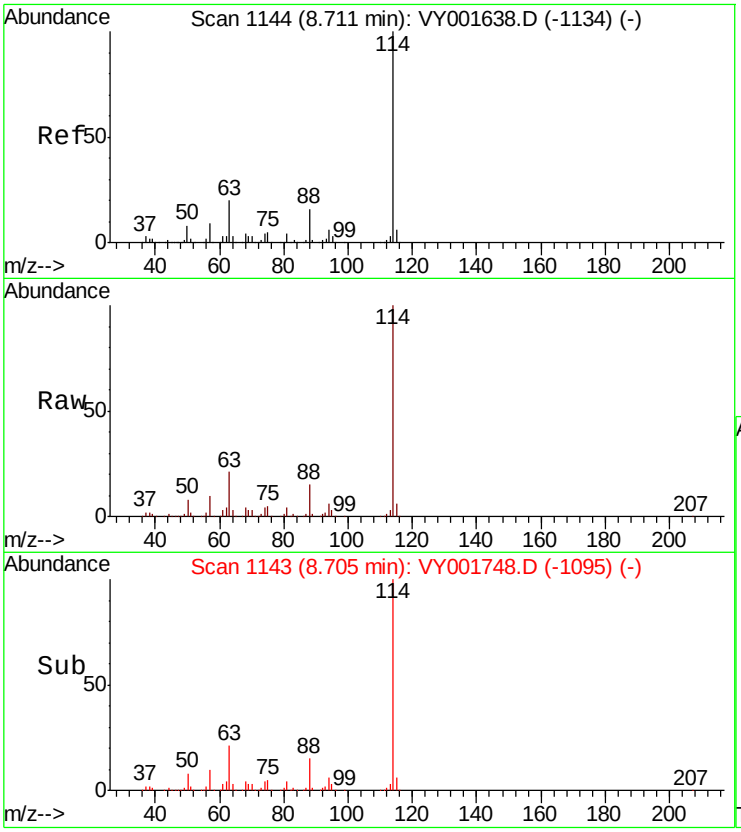


#33
1,2-Dichloroethane-d4
Concen: 59.566 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Tgt Ion: 65 Resp: 100369

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	111.0



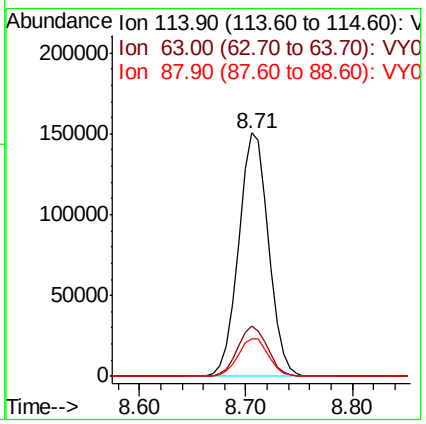


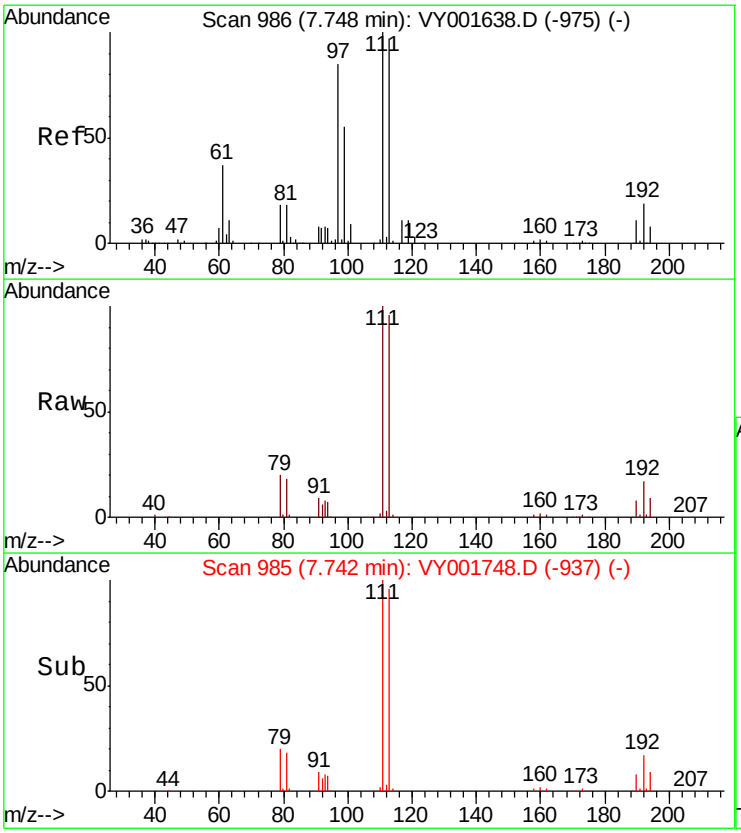
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 296930

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.4
88	15.2	0.0	32.8

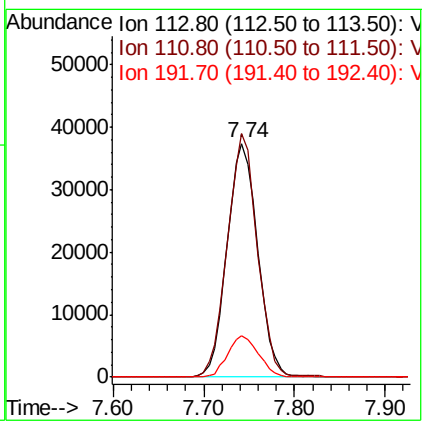


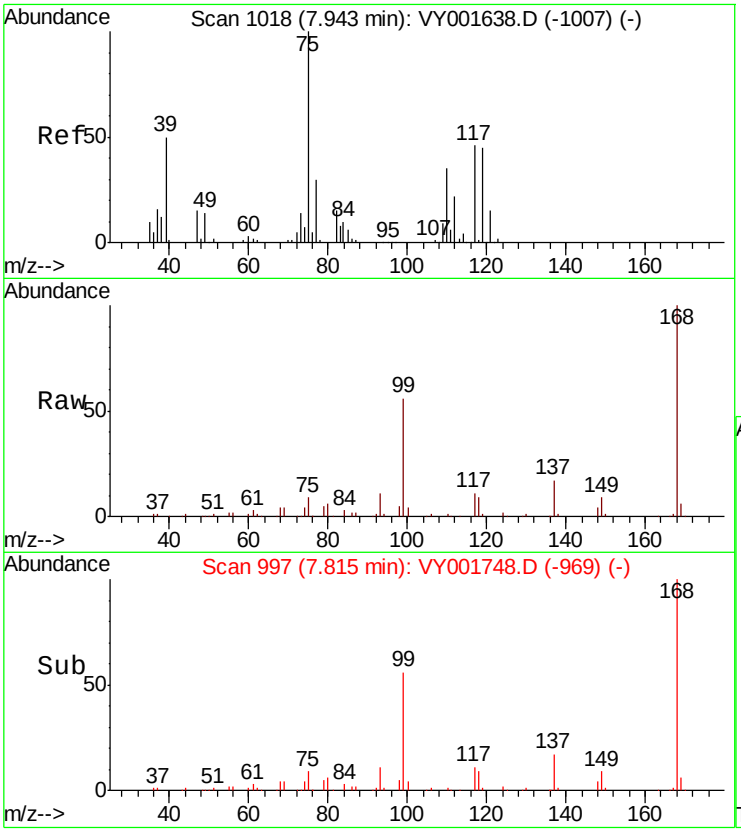


#35
Dibromofluoromethane
Concen: 51.719 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Tgt Ion:113 Resp: 87958

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	17.8	14.3	21.5



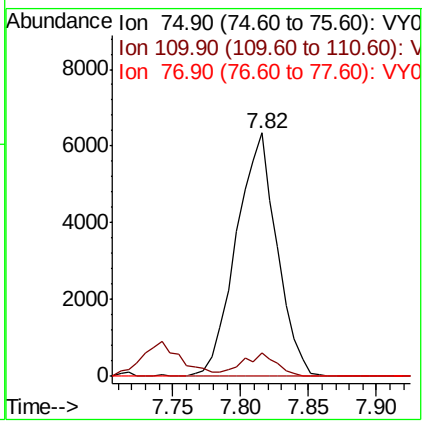


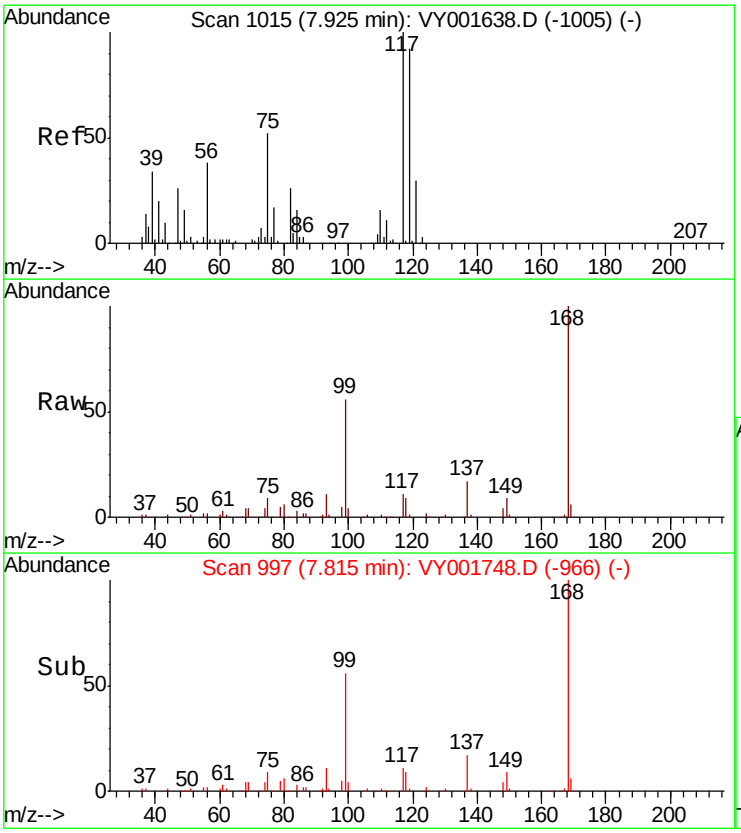
#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13252

Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.2	51.6#
77	0.0	24.8	37.2#

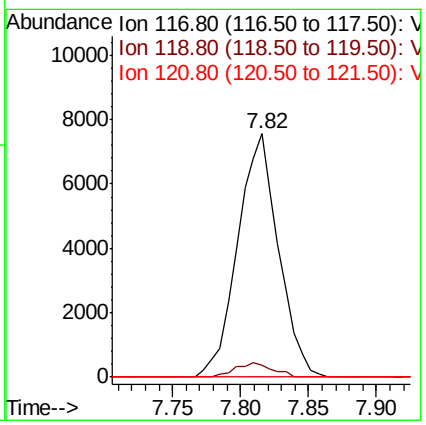


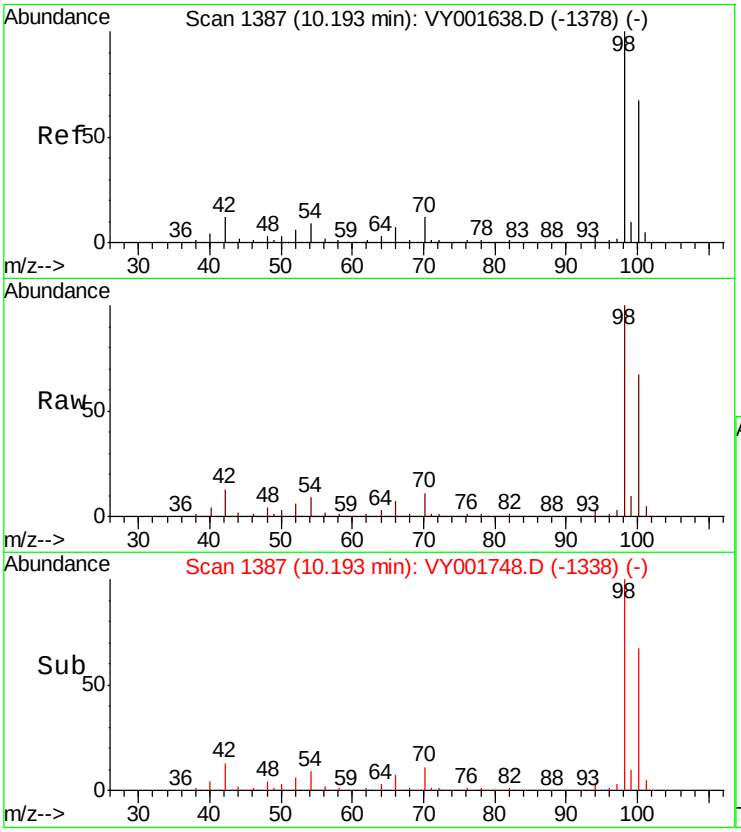


#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Tgt Ion:117 Resp: 15815

Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.8	112.2#
121	0.0	23.8	35.6#



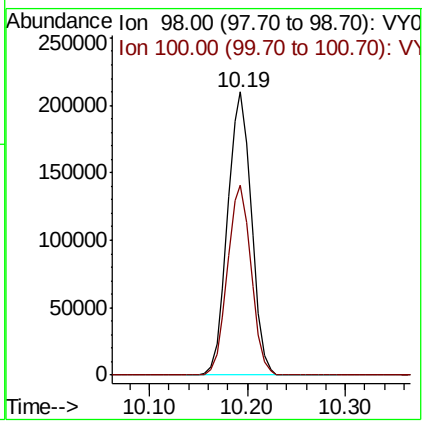


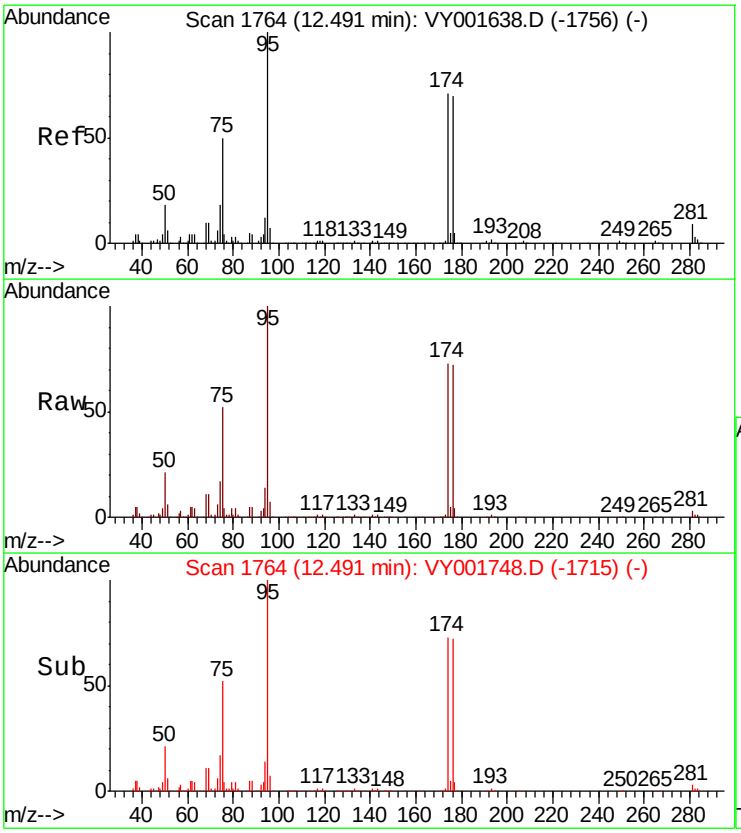
#50
Toluene-d8
Concen: 53.139 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 354054

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

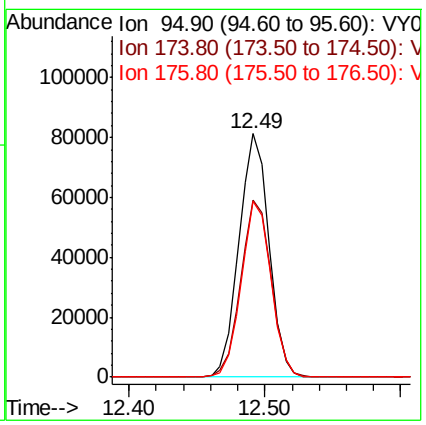


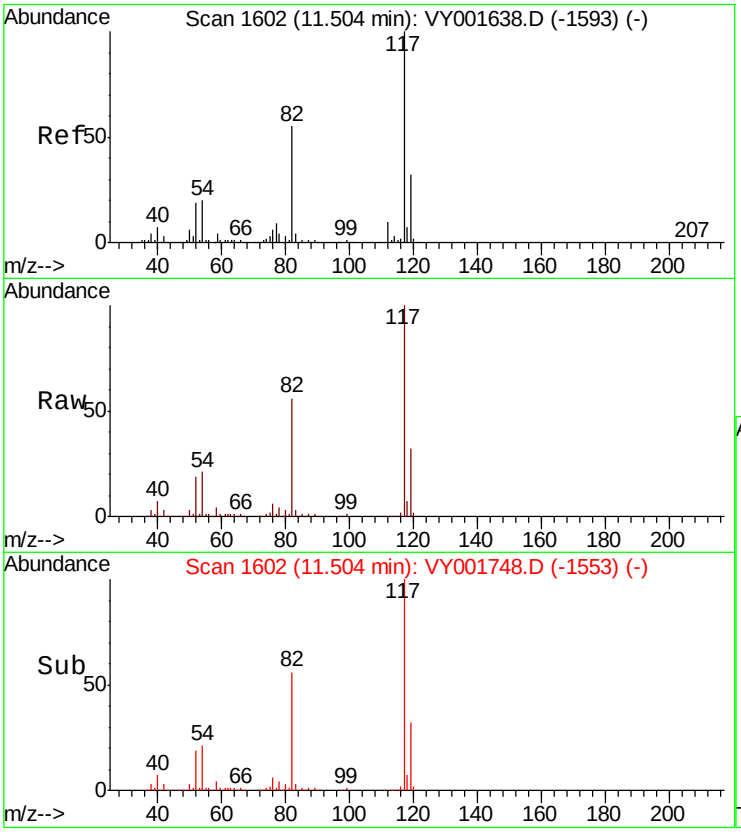


#62
4-Bromofluorobenzene
Concen: 48.261 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Tgt Ion: 95 Resp: 124919

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	138.4
176	71.8	0.0	131.8



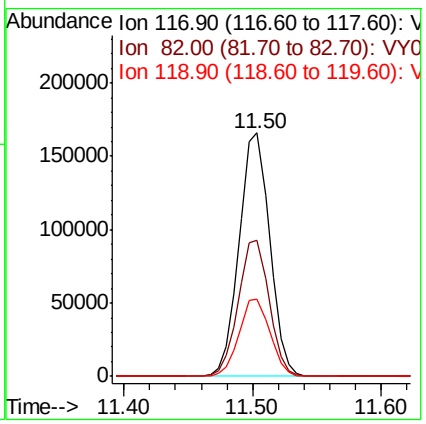


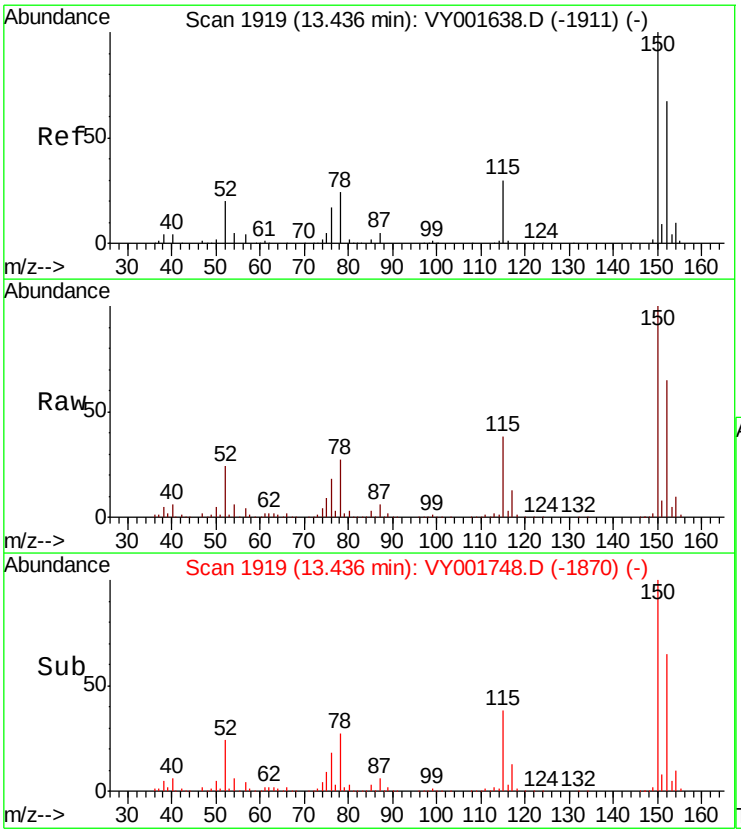
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 271979

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.5	68.3
119	31.7	25.8	38.6

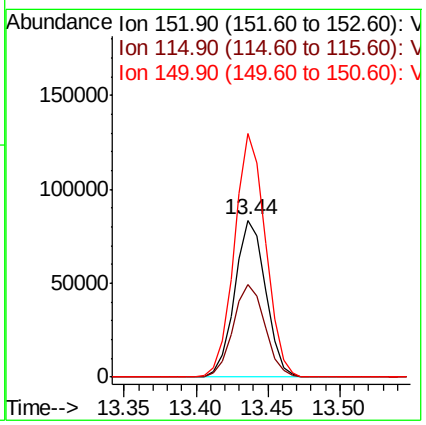


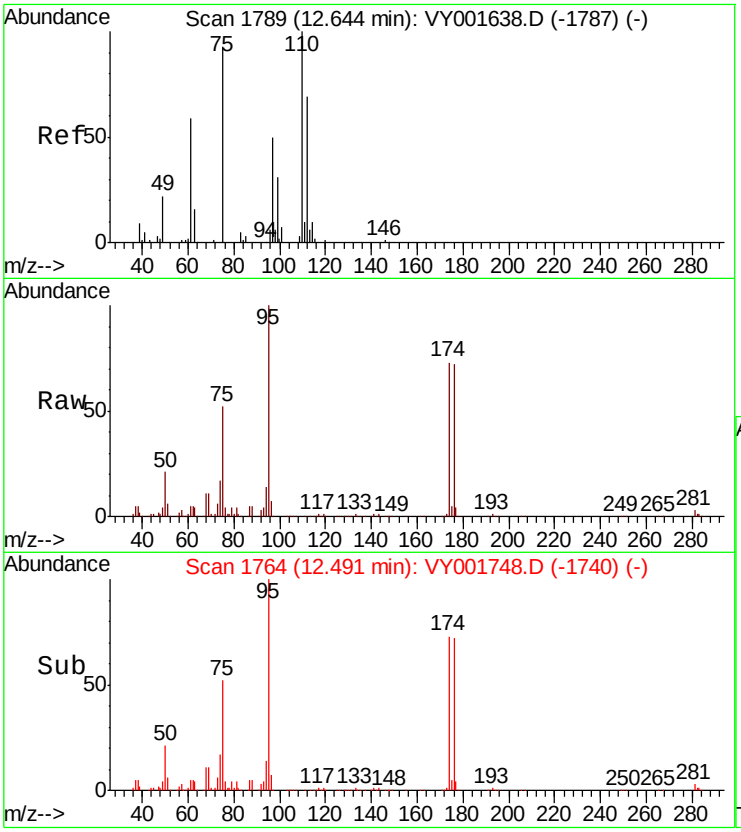


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Tgt Ion:152 Resp: 125075

Ion	Ratio	Lower	Upper
152	100		
115	60.5	31.4	94.2
150	155.8	0.0	407.2



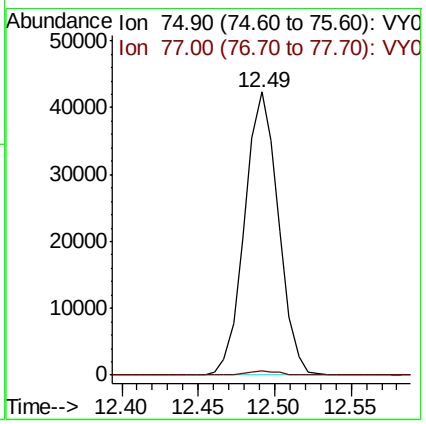


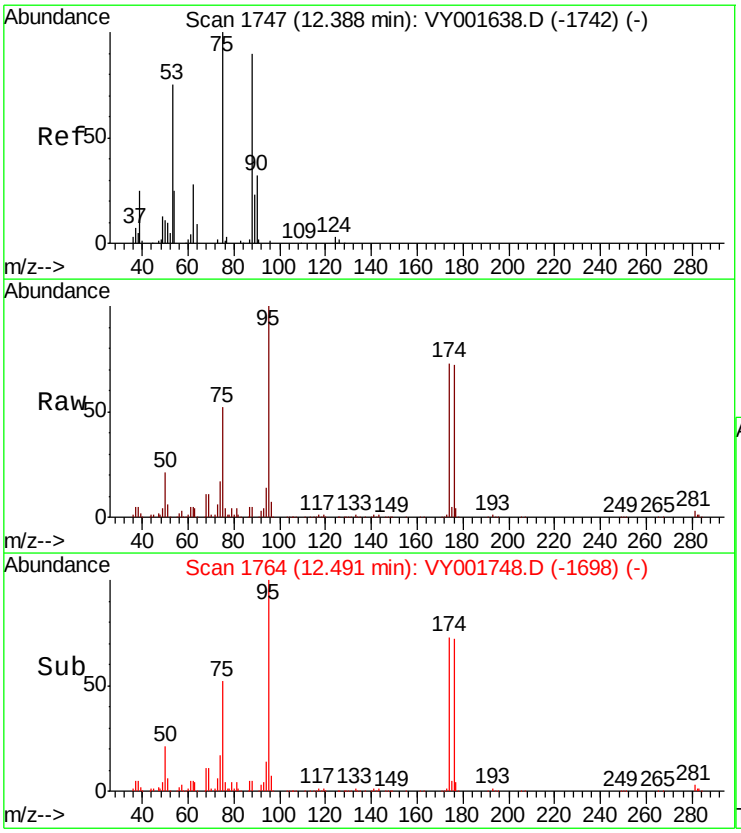
#76
1,2,3-Trichloropropane
Concen: 45.313 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 65014

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.967 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Tgt Ion: 75 Resp: 65014

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