Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
Data File : VY001647.D
Acq On : 17 Feb 2020 15:39
Operator : SY/MD
Sample : L1544-05
Misc : 7.64G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 17 16:07:17 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	172390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99254	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.06%			
35) Dibromofluoromethane	7.74	113	89737	50.79	ug/l	-0.01
Spiked Amount 50.000			Recovery = 101.58%			
50) Toluene-d8	10.19	98	371258	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.26%			
62) 4-Bromofluorobenzene	12.49	95	125568	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.38%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.99	59	163	Below Cal	#	74
16) Acetone	3.97	43	1056	1.646	ug/l #	82
20) Methylene Chloride	4.73	84	9680	4.247	ug/l	93
31) Cyclohexane	7.81	56	4012	1.030	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	14280	4.846	ug/l #	51
38) Carbon Tetrachloride	7.81	117	16748	6.471	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	65307	46.098	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	65307	87.456	ug/l #	17

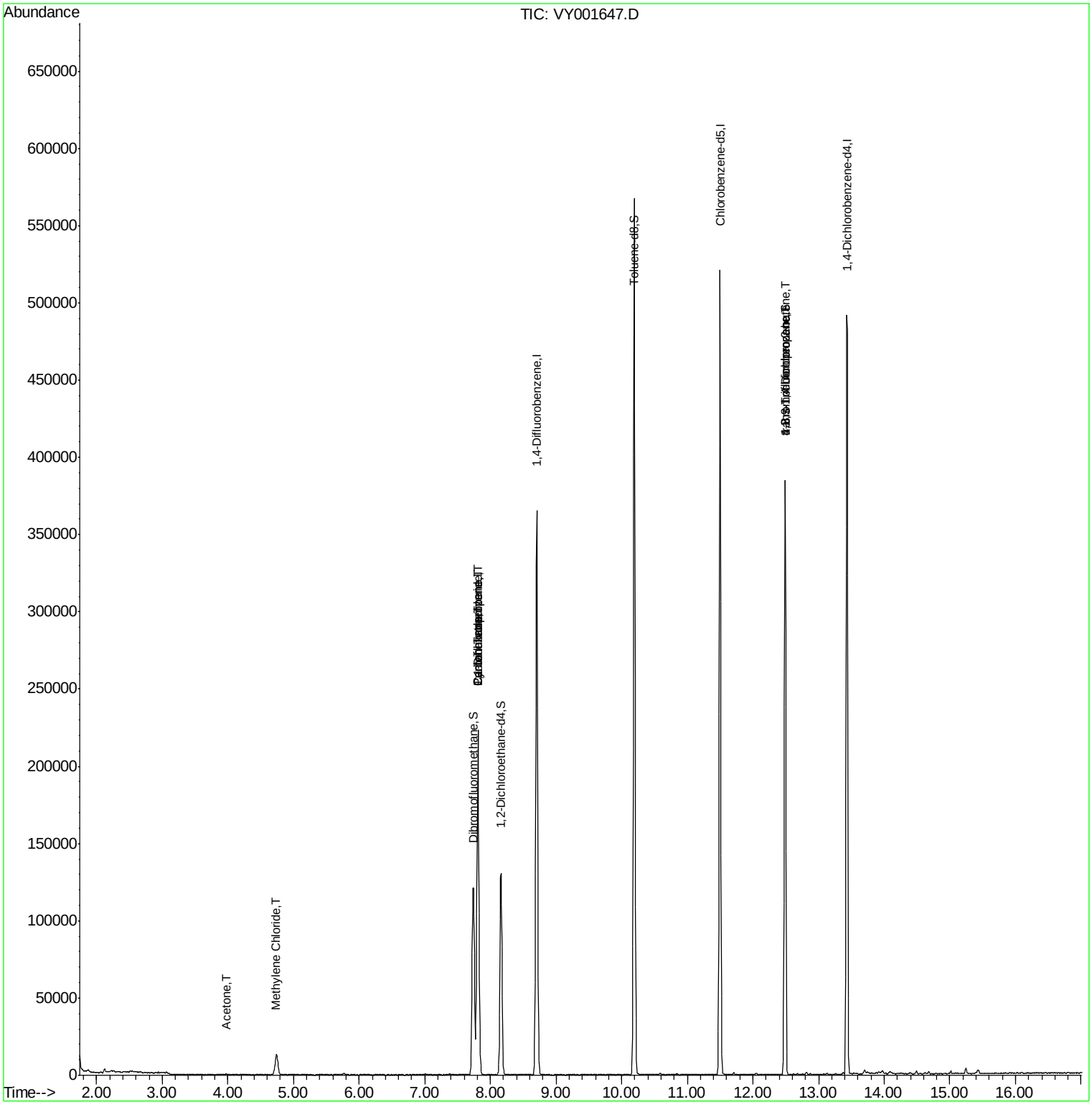
(#) = qualifier out of range (m) = manual integration (+) = signals summed

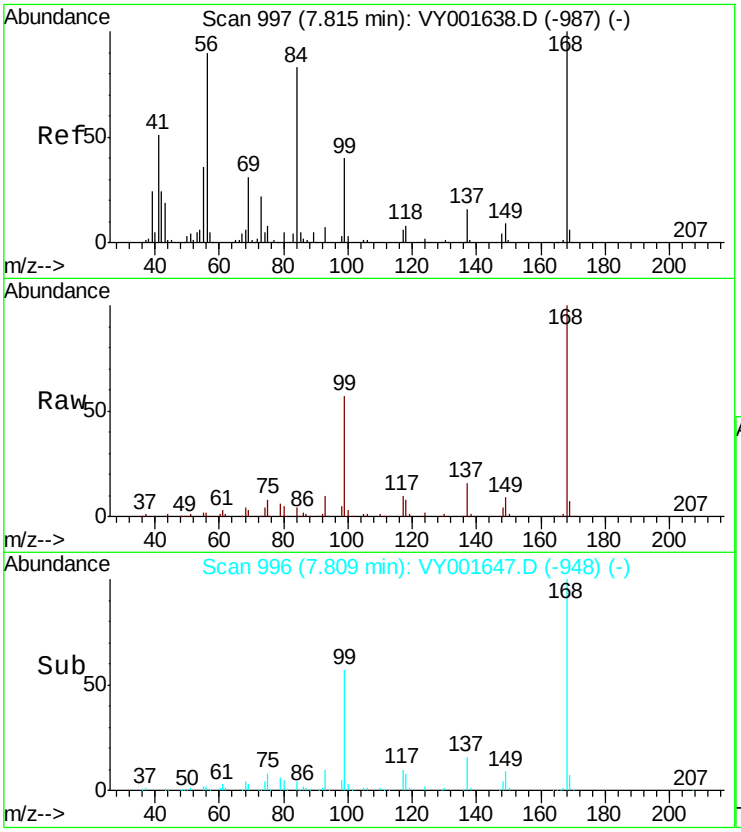
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021720\
Data File : VY001647.D
Acq On : 17 Feb 2020 15:39
Operator : SY/MD
Sample : L1544-05
Misc : 7.64G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 17 16:07:17 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



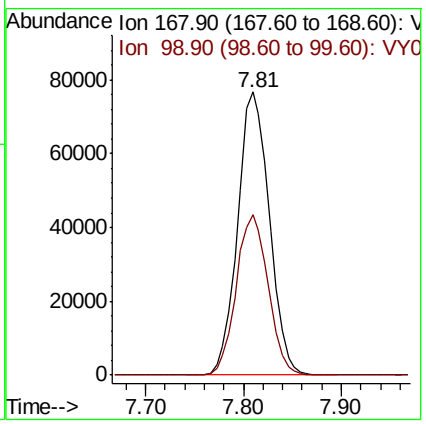


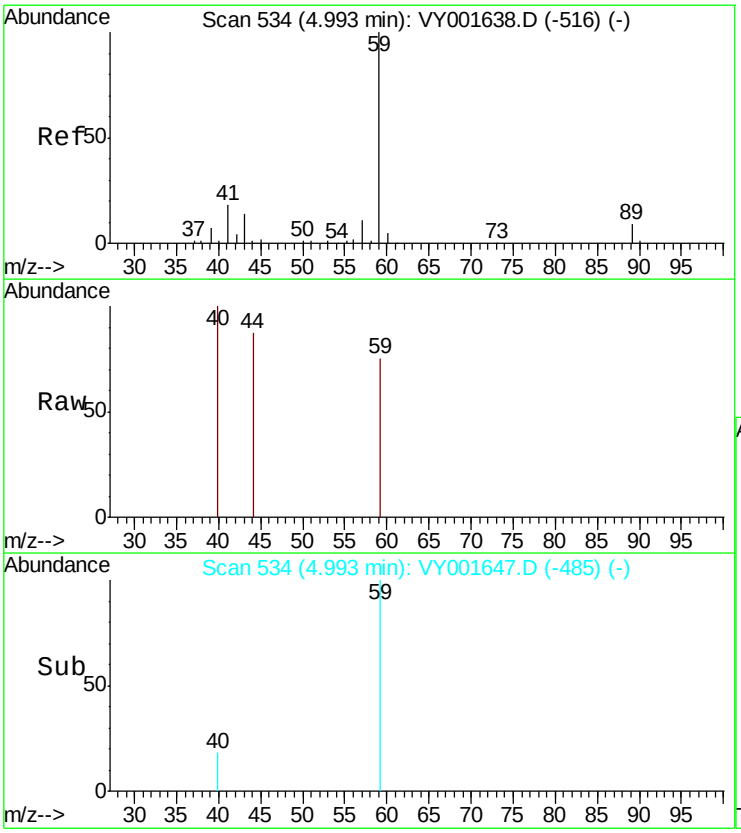
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 172390

Ion	Ratio	Lower	Upper
168	100		
99	56.5	47.5	71.3

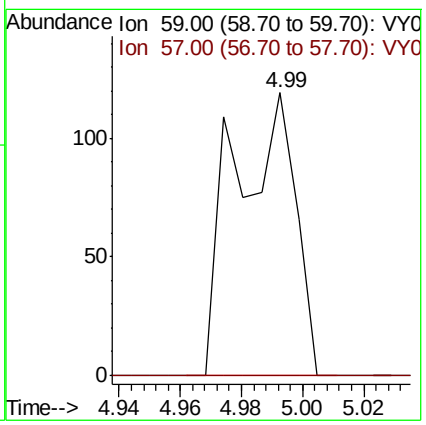


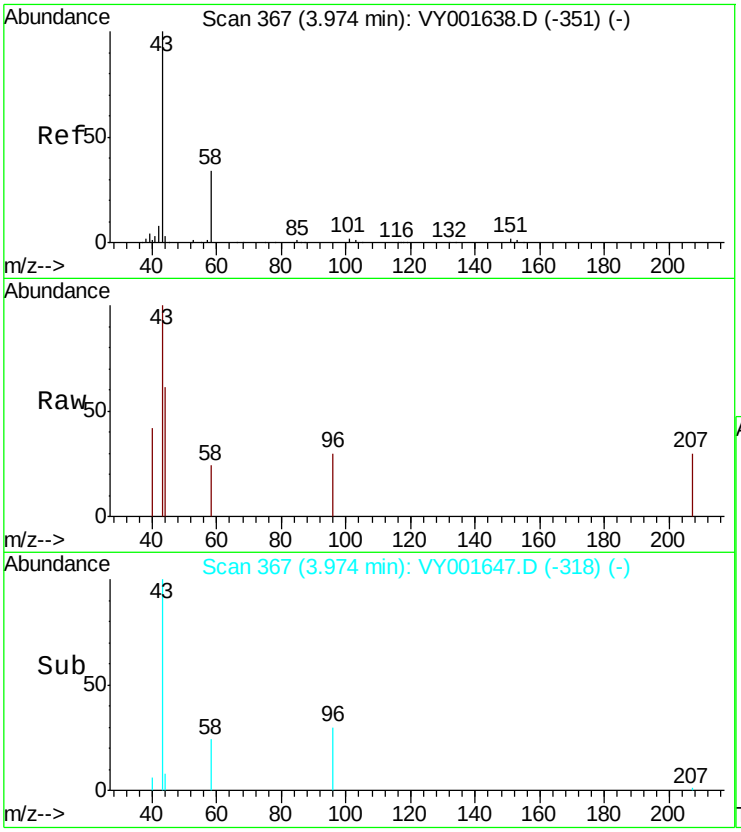


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Tgt Ion: 59 Resp: 163

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



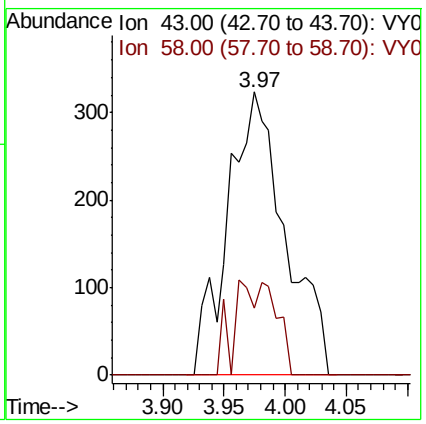


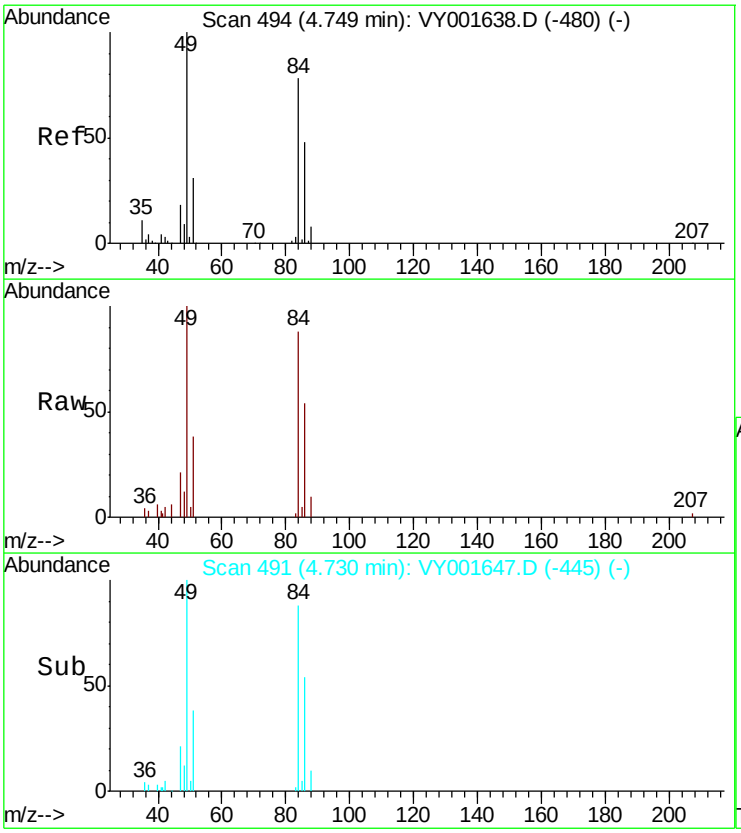
#16
Acetone
Concen: 1.646 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1056

Ion	Ratio	Lower	Upper
43	100		
58	23.5	27.3	40.9#

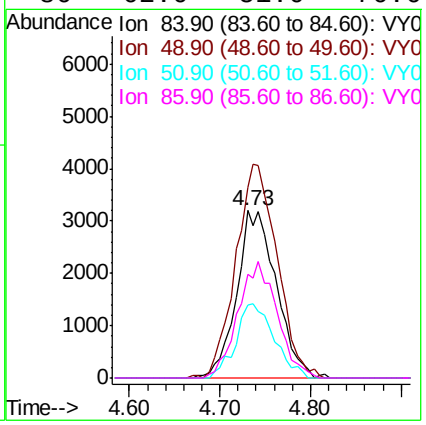


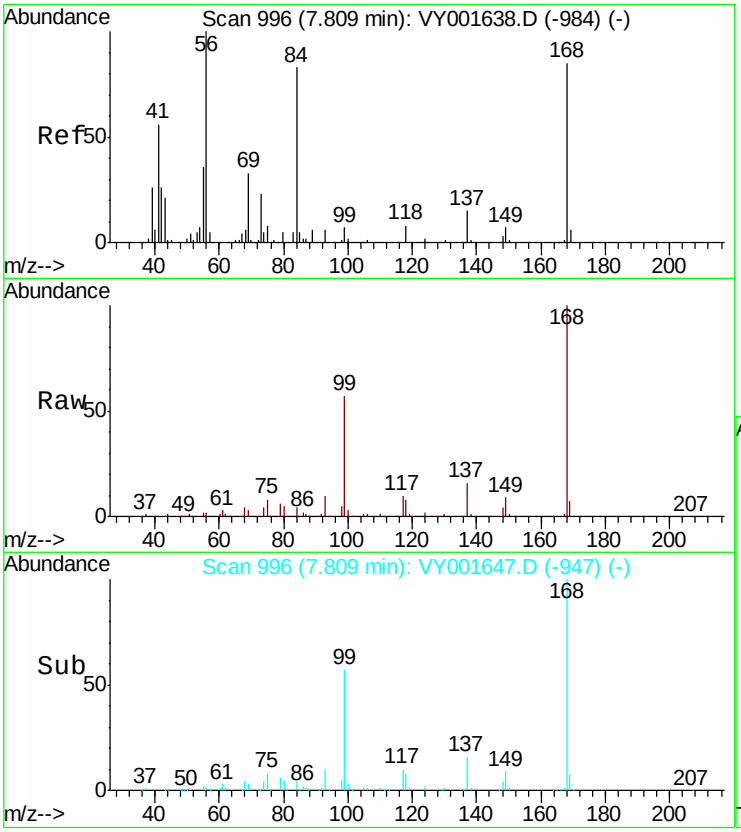


#20
Methylene Chloride
Concen: 4.247 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Tgt Ion: 84 Resp: 9680

Ion	Ratio	Lower	Upper
84	100		
49	114.0	99.2	148.8
51	43.3	31.5	47.3
86	62.0	51.0	76.6



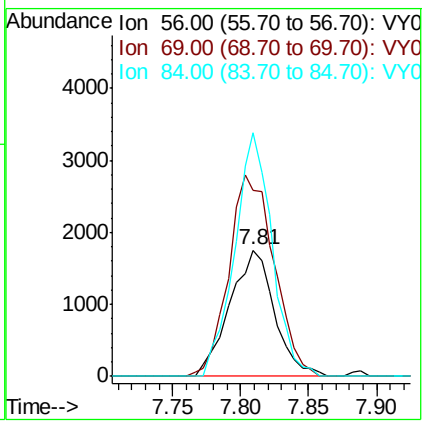


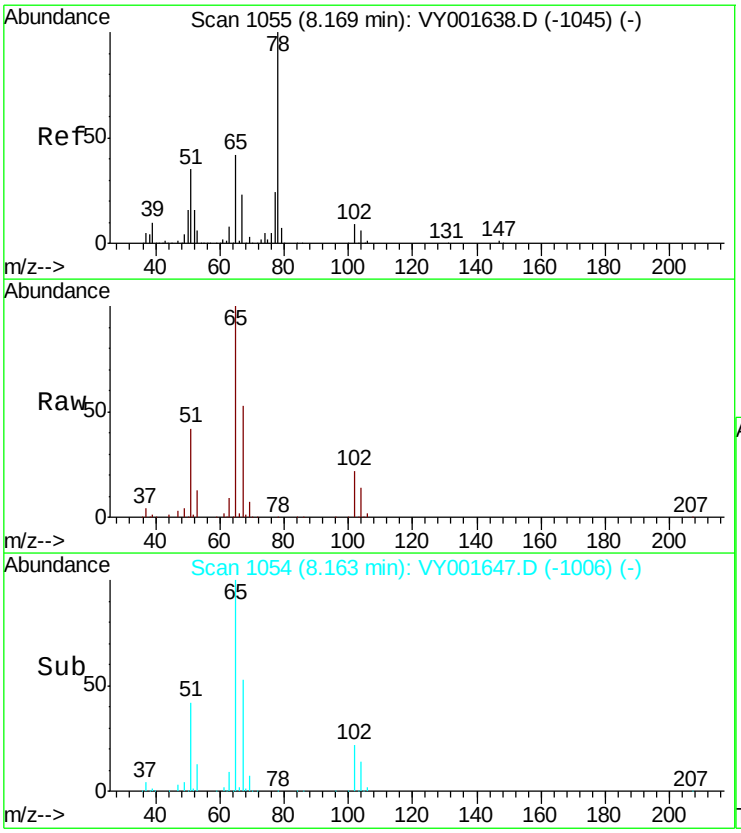
#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4012

Ion	Ratio	Lower	Upper
56	100		
69	146.9	25.1	37.7#
84	192.9	66.9	100.3#

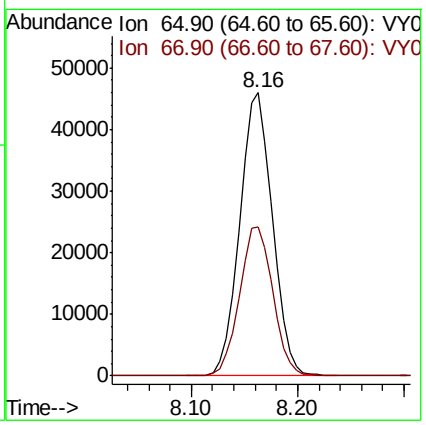


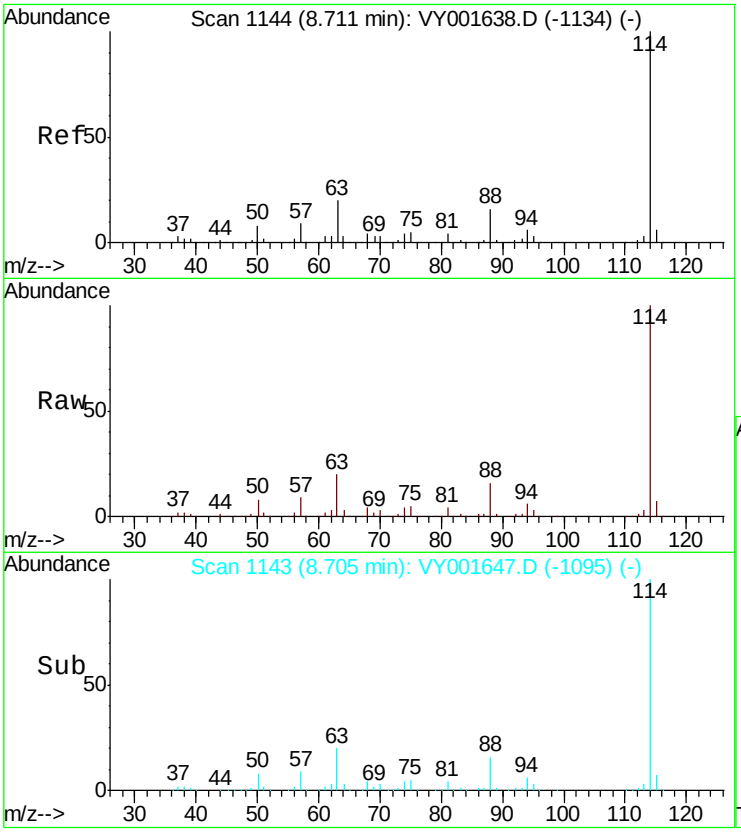


#33
1,2-Dichloroethane-d4
Concen: 53.526 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Tgt Ion: 65 Resp: 99254

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	111.0



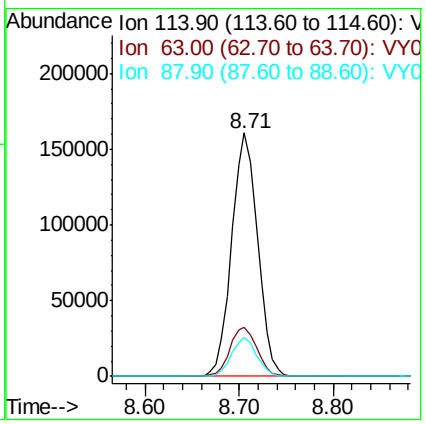


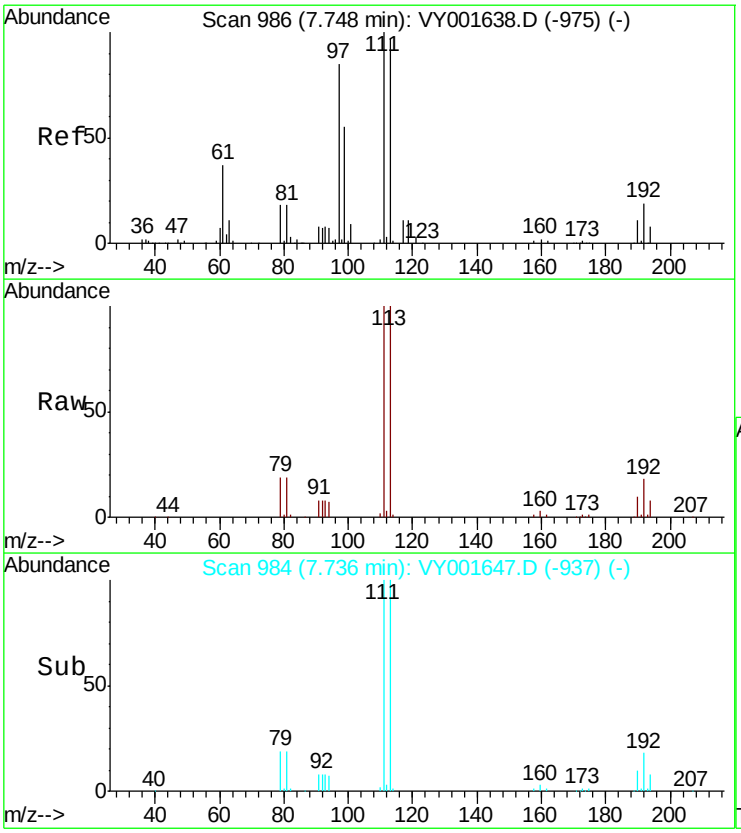
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 308497

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	15.7	0.0	32.8

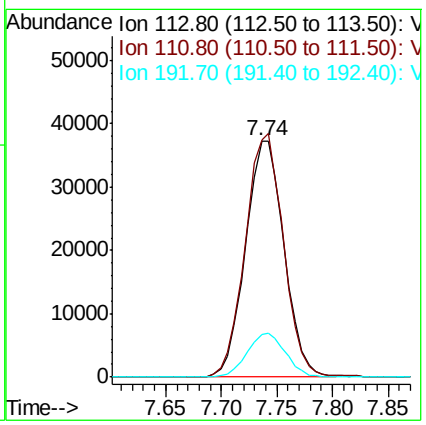


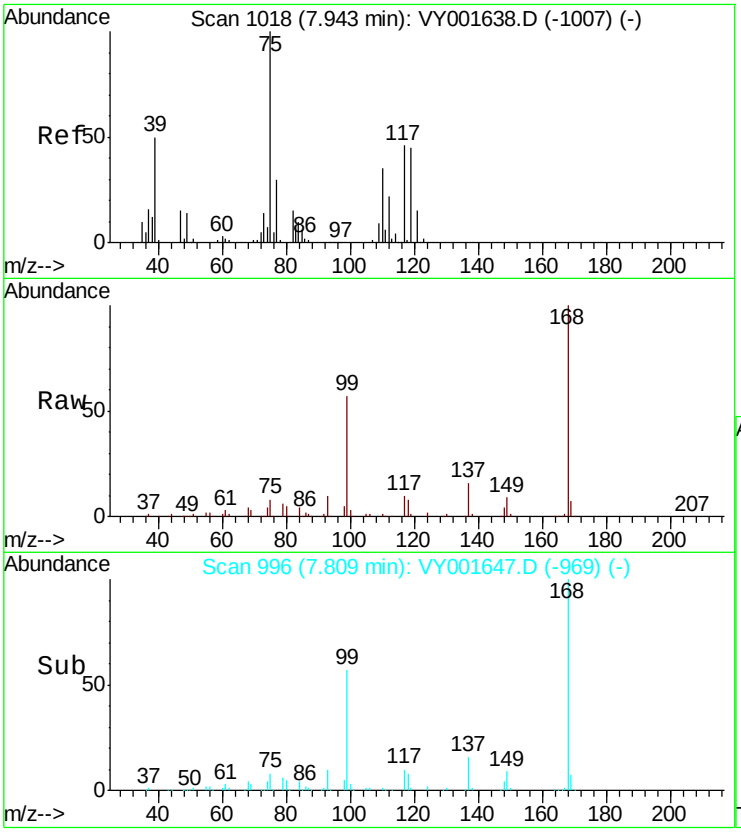


#35
Dibromofluoromethane
Concen: 50.787 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Tgt Ion:113 Resp: 89737

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	18.5	14.3	21.5



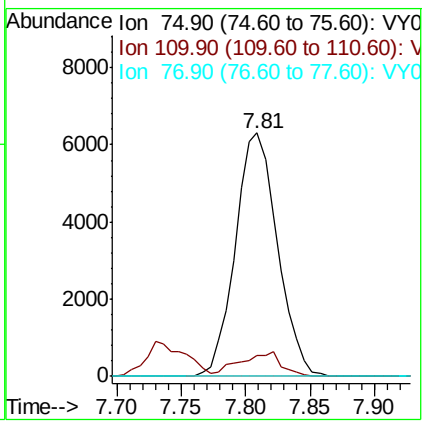


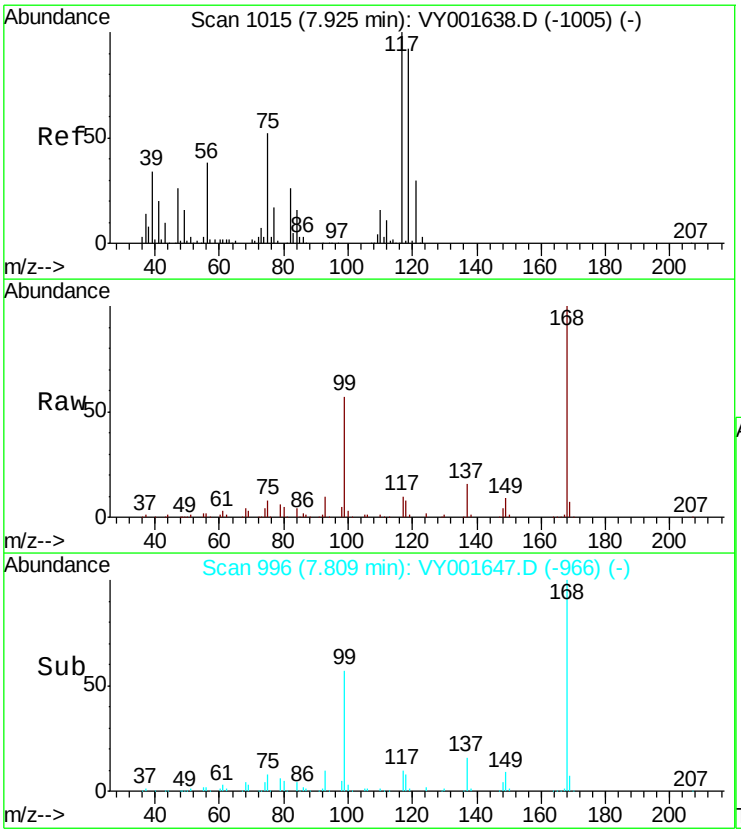
#36
1,1-Dichloropropene
Concen: 4.846 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.13 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 14280

Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.2	51.6#
77	0.0	24.8	37.2#

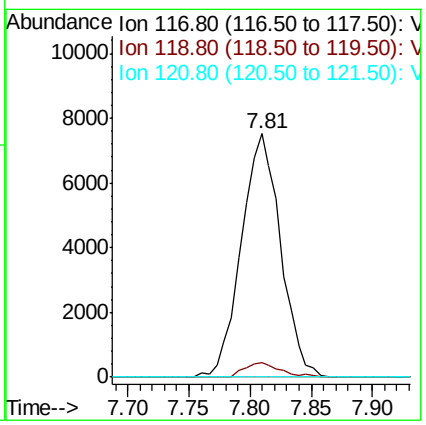


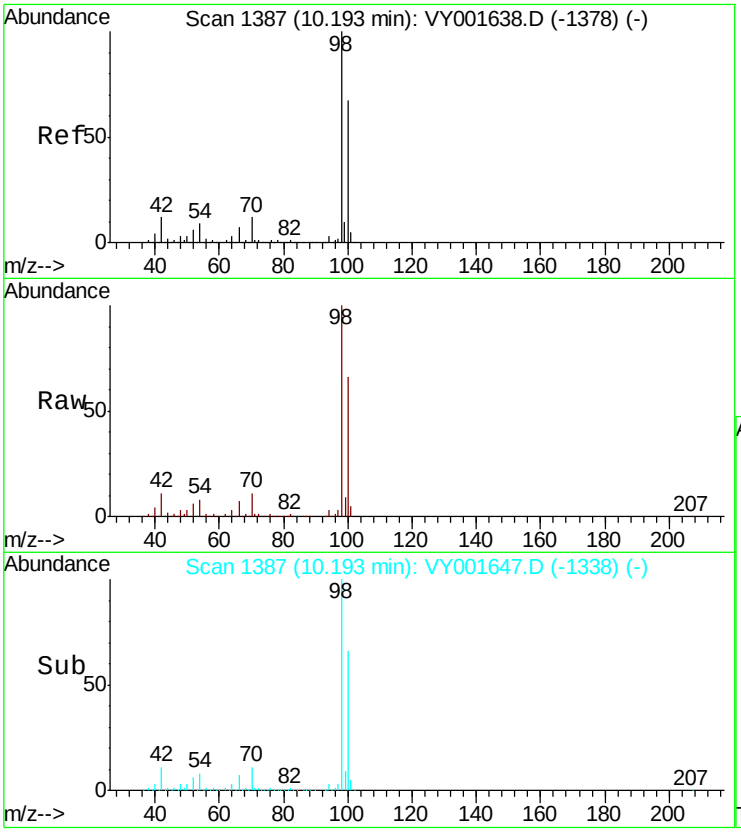


#38
Carbon Tetrachloride
Concen: 6.471 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Tgt Ion:117 Resp: 16748

Ion	Ratio	Lower	Upper
117	100		
119	6.0	74.8	112.2#
121	0.0	23.8	35.6#



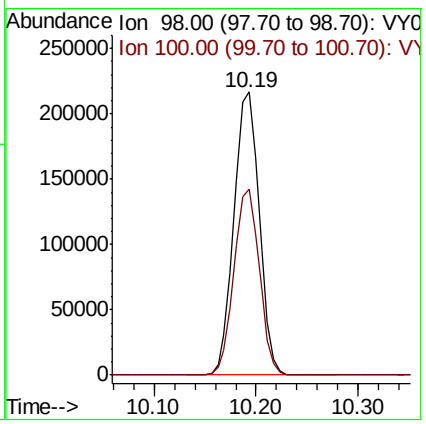


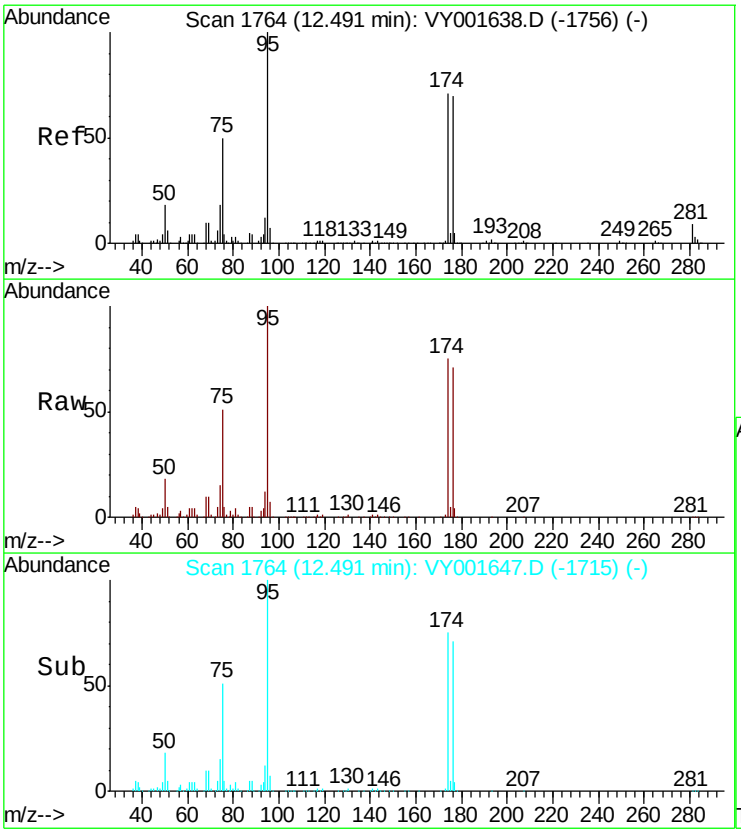
#50
Toluene-d8
Concen: 53.632 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 371258

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

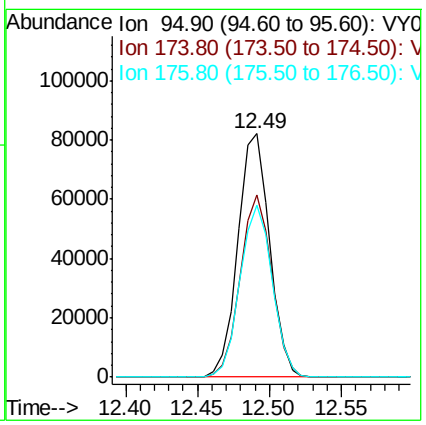


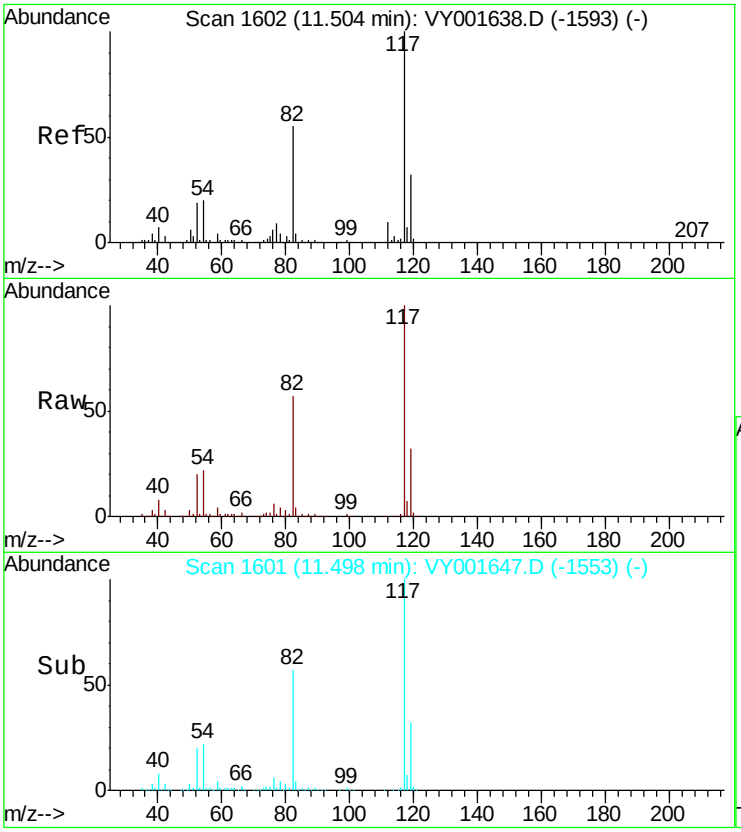


#62
4-Bromofluorobenzene
Concen: 46.692 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Tgt Ion: 95 Resp: 125568

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	138.4
176	71.6	0.0	131.8



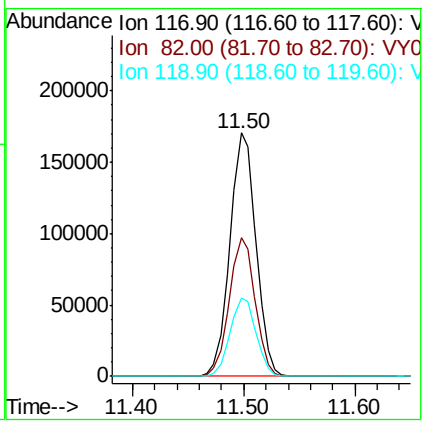


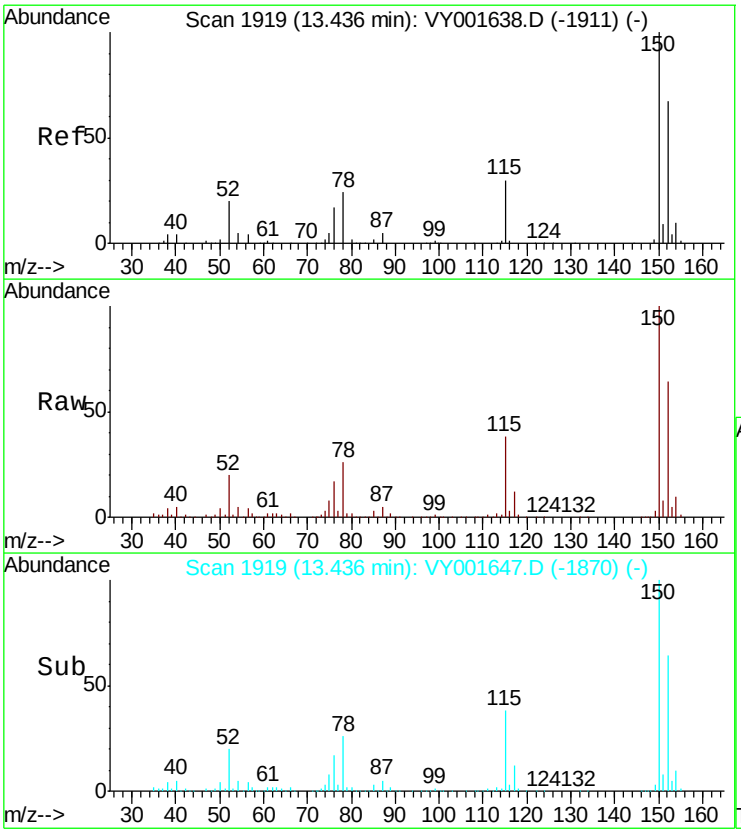
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 275291

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.5	68.3
119	32.2	25.8	38.6

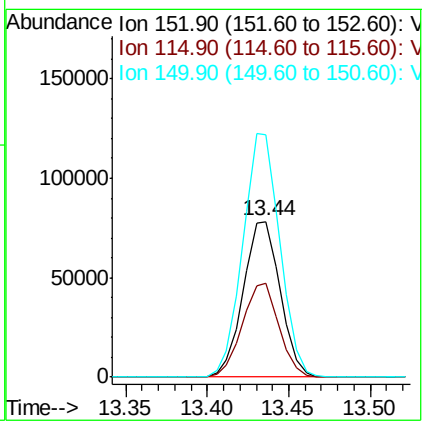


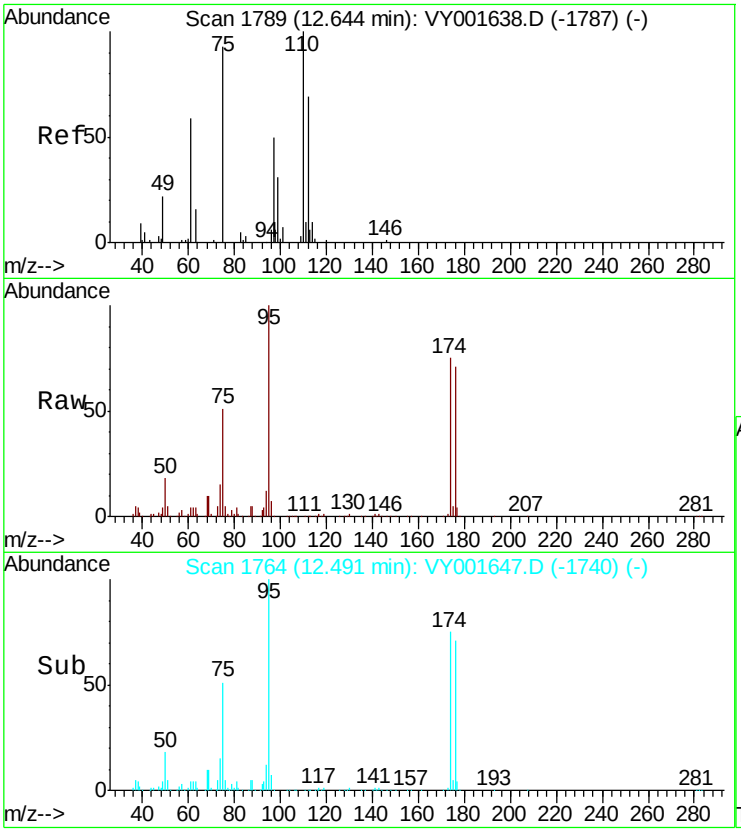


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Tgt Ion:152 Resp: 123499

Ion	Ratio	Lower	Upper
152	100		
115	59.5	31.4	94.2
150	156.7	0.0	407.2



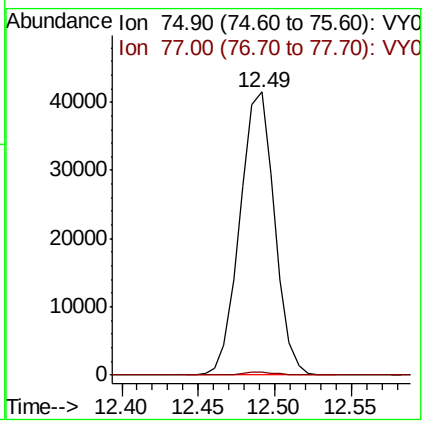


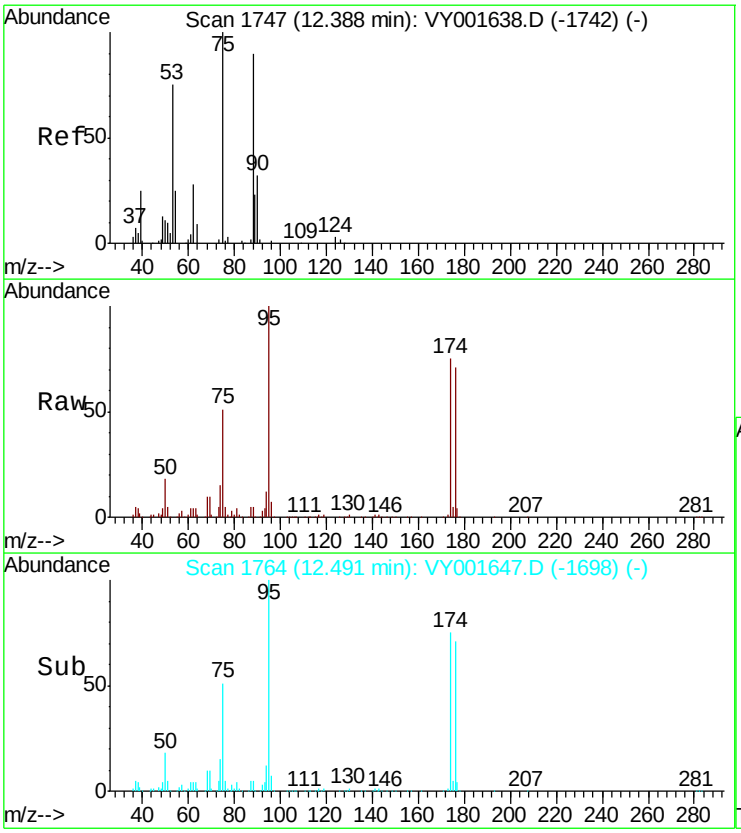
#76
1,2,3-Trichloropropane
Concen: 46.098 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 65307

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.456 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001647.D
Acq: 17 Feb 2020 15:39

Tgt Ion: 75 Resp: 65307

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.5	96.7#
89	0.2	36.3	54.5#