Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
Data File : VY000952.D
Acq On : 16 Dec 2019 14:20
Operator : SY/MD
Sample : K6117-04
Misc : 6.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TR-05-121319

Quant Time: Dec 17 06:04:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	172894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	303428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	246814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	85363	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.94%			
35) Dibromofluoromethane	7.72	113	81404	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.06%			
50) Toluene-d8	10.18	98	354266	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.22%			
62) 4-Bromofluorobenzene	12.48	95	104820	39.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.96%			
Target Compounds						Qvalue
3) Chloromethane	2.11	50	3783	1.649	ug/l	97
16) Acetone	3.95	43	1916	4.546	ug/l	95
20) Methylene Chloride	4.72	84	6092	2.742	ug/l #	87
28) Bromochloromethane	7.51	49	779	2.569	ug/l #	15
30) Chloroform	7.51	83	8937	2.419	ug/l #	80
36) 1,1-Dichloropropene	7.79	75	13683	4.535	ug/l #	48
38) Carbon Tetrachloride	7.80	117	16917	6.296	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	52565	45.857	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	52565	90.077	ug/l #	18

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

Quantitation Report (Not Reviewed)

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Data File : VY000952.D
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ClientSampleId :
TR-05-121319

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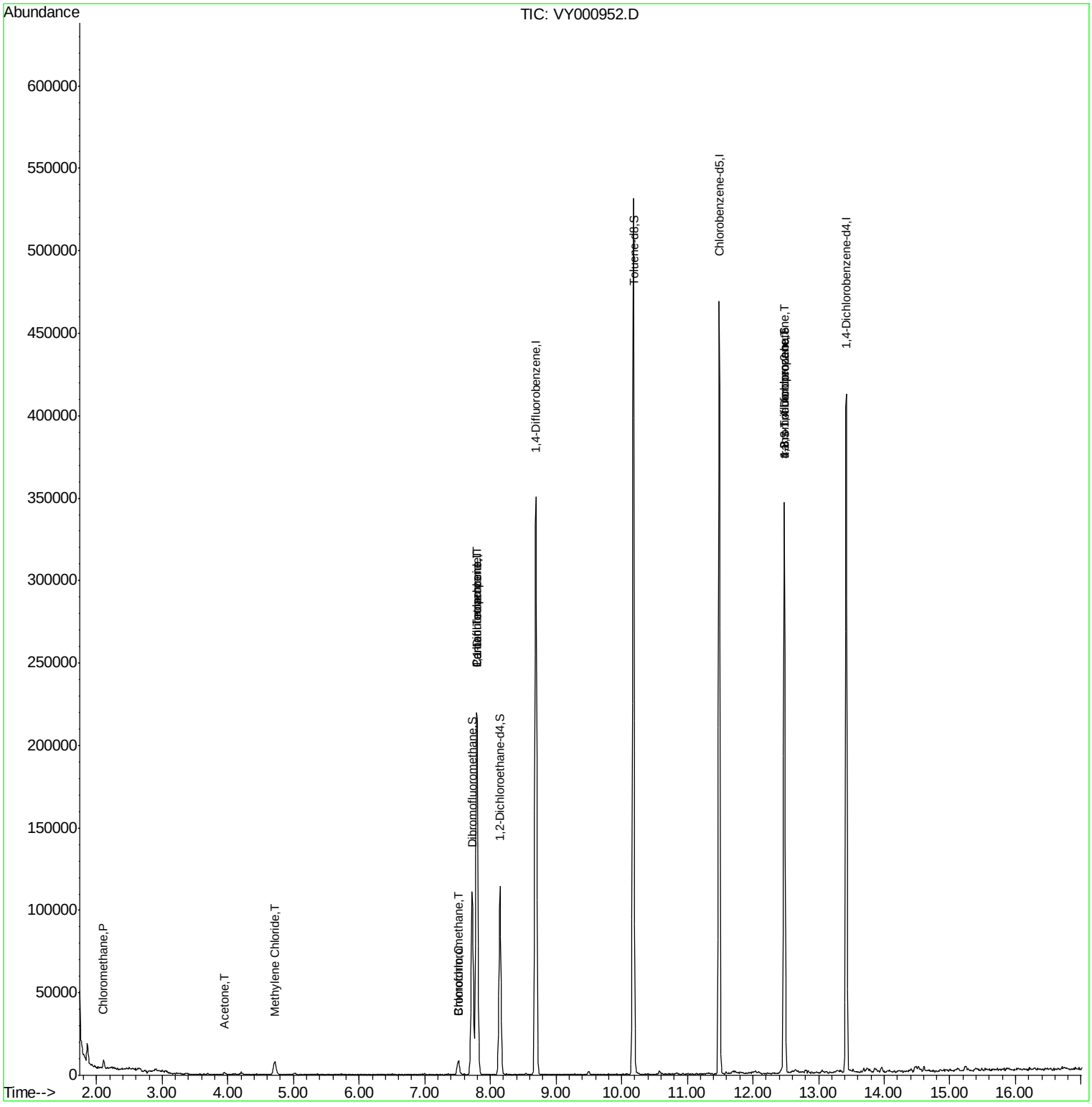
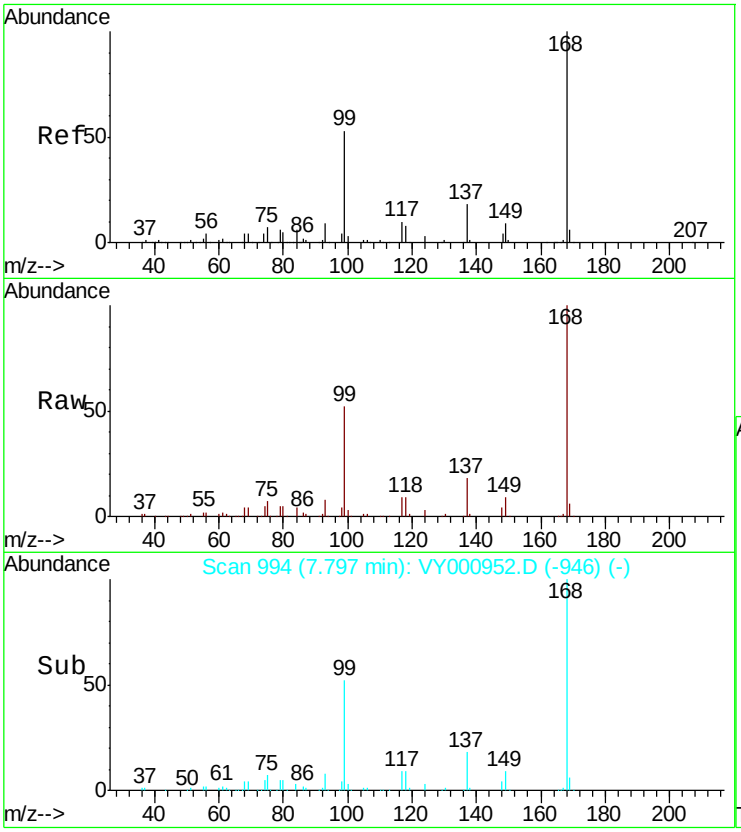


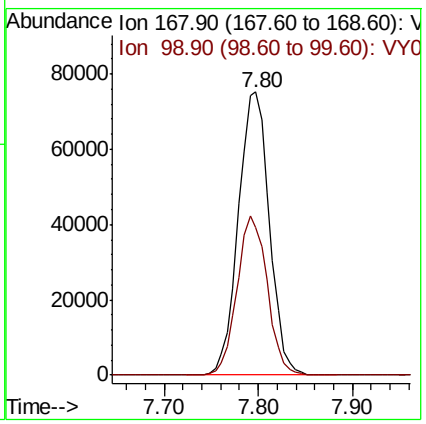


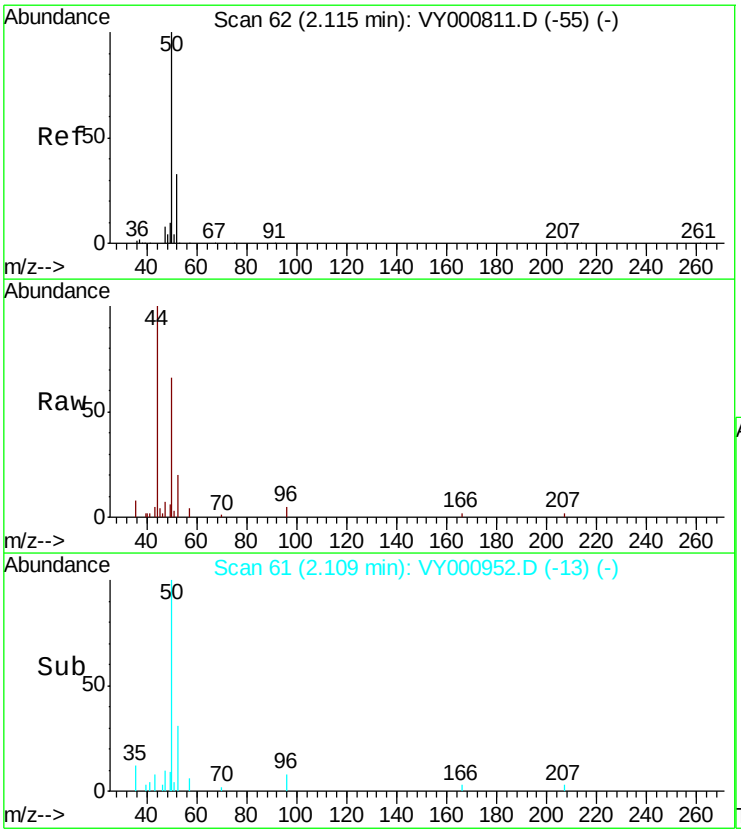
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-121319

Tgt Ion:168 Resp: 172894

Ion	Ratio	Lower	Upper
168	100		
99	52.3	45.0	67.6

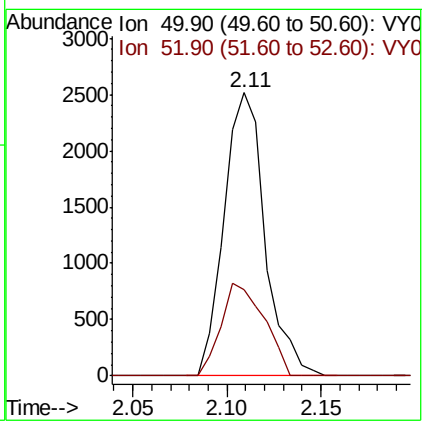


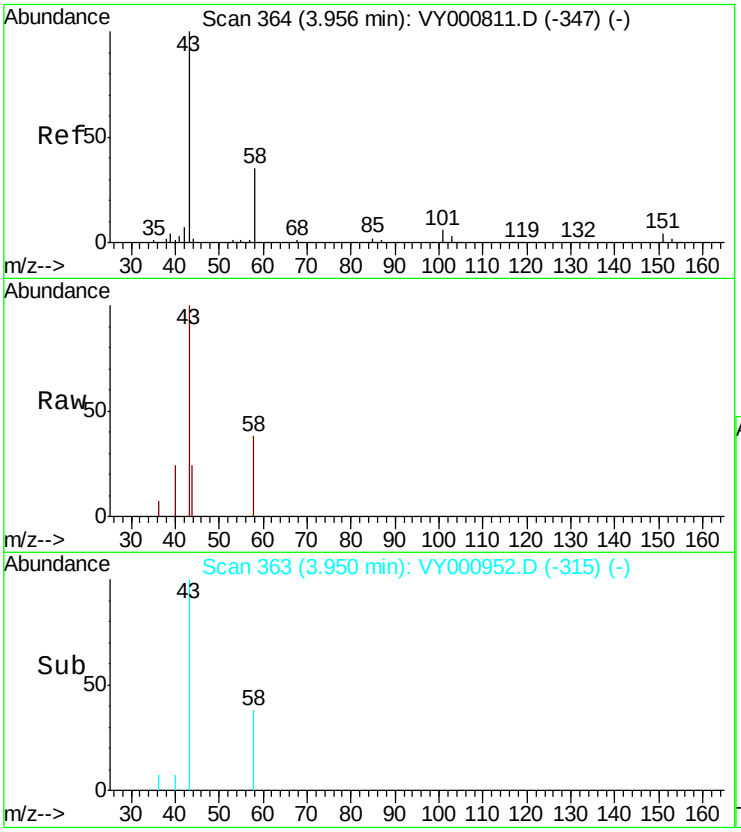


#3
Chloromethane
Concen: 1.649 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Tgt Ion: 50 Resp: 3783

Ion	Ratio	Lower	Upper
50	100		
52	30.6	26.0	39.0



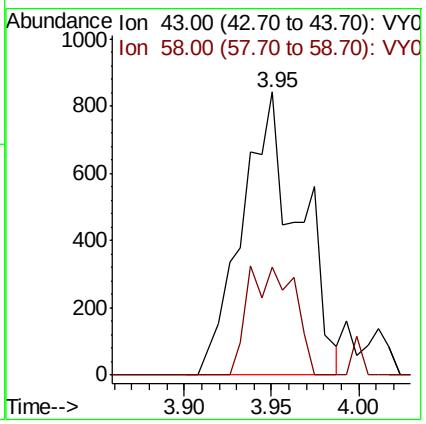


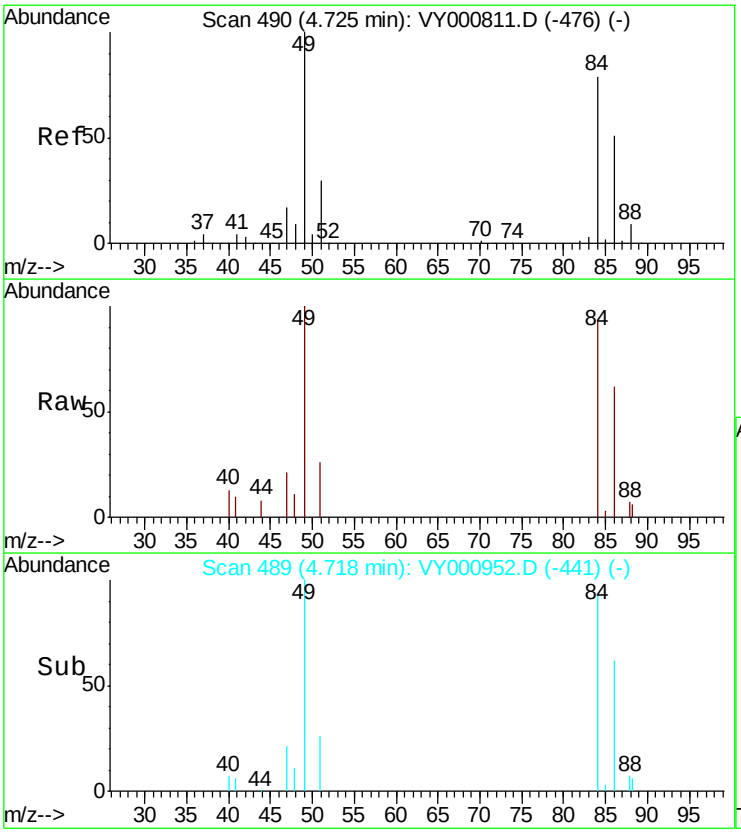
#16
Acetone
Concen: 4.546 ug/l
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-121319

Tgt Ion: 43 Resp: 1916

Ion	Ratio	Lower	Upper
43	100		
58	38.0	28.0	42.0

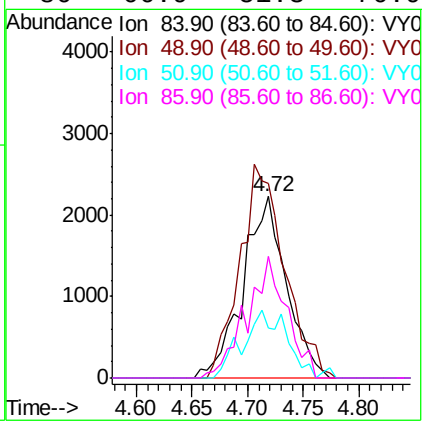


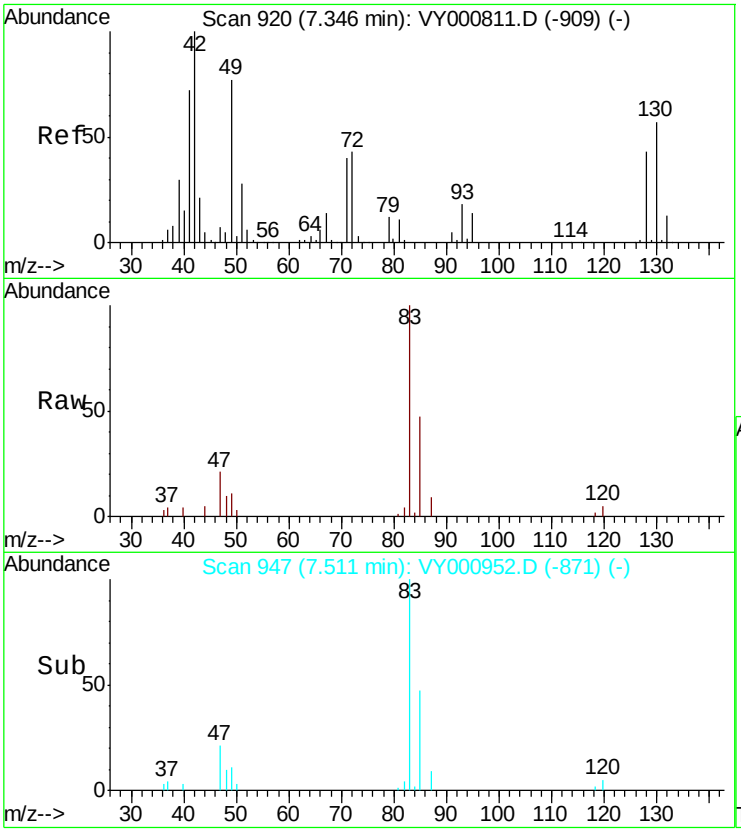


#20
Methylene Chloride
Concen: 2.742 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Tgt Ion: 84 Resp: 6092

Ion	Ratio	Lower	Upper
84	100		
49	107.1	101.3	151.9
51	27.8	30.6	45.8#
86	66.9	51.3	76.9



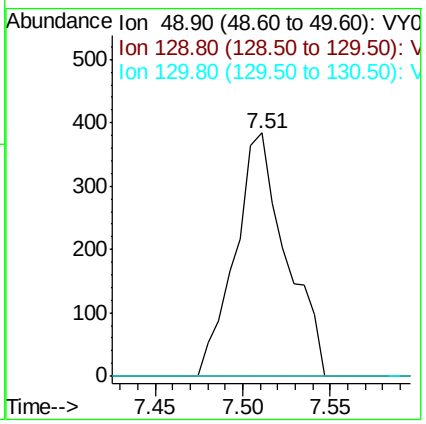


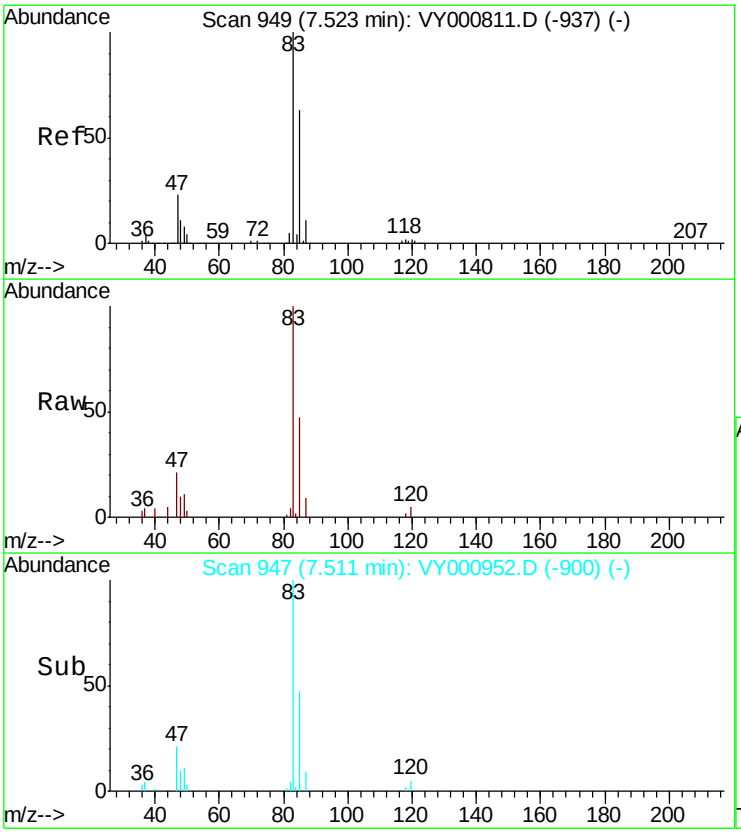
#28
Bromochloromethane
Concen: 2.569 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.16 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-121319

Tgt Ion: 49 Resp: 779

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#

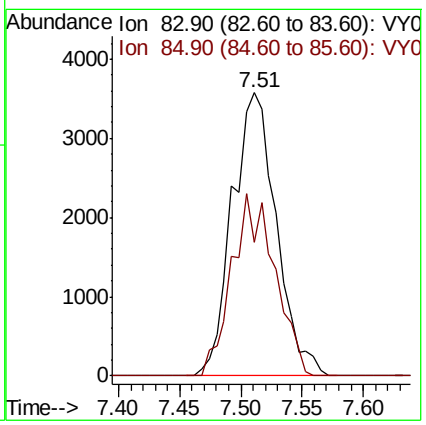


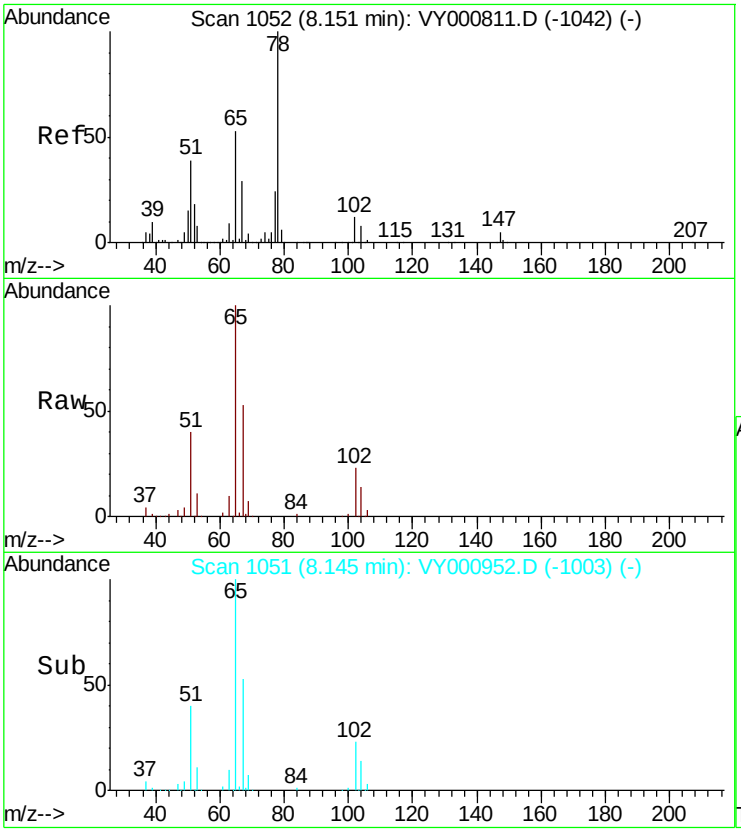


#30
Chloroform
Concen: 2.419 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Tgt Ion: 83 Resp: 8937

Ion	Ratio	Lower	Upper
83	100		
85	47.4	50.4	75.6#



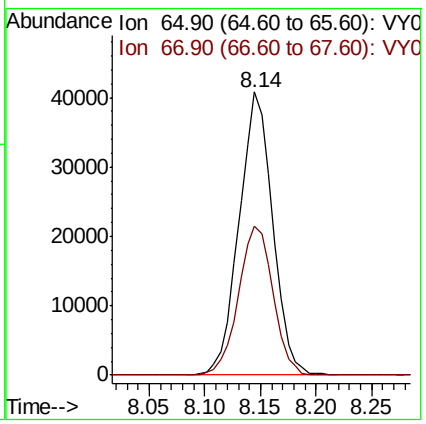


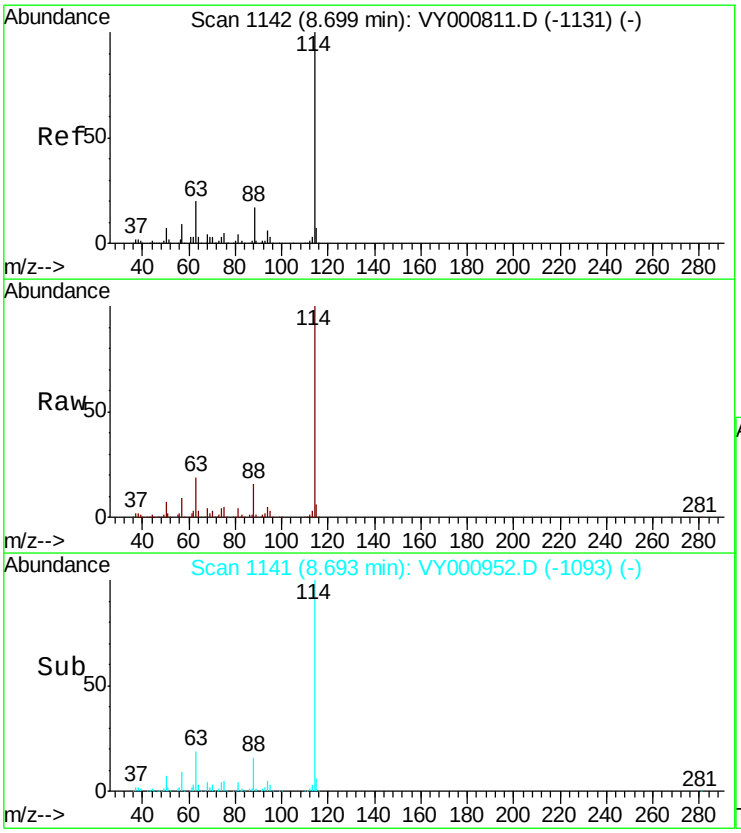
#33
1,2-Dichloroethane-d4
Concen: 46.465 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-121319

Tgt Ion: 65 Resp: 85363

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	112.0

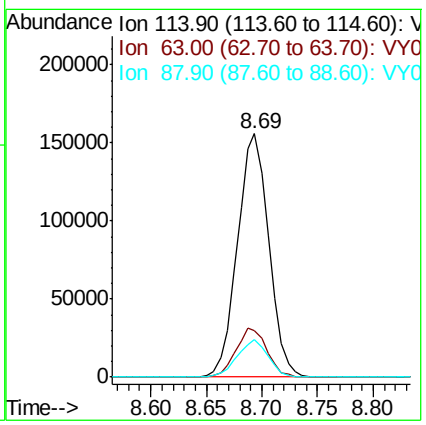


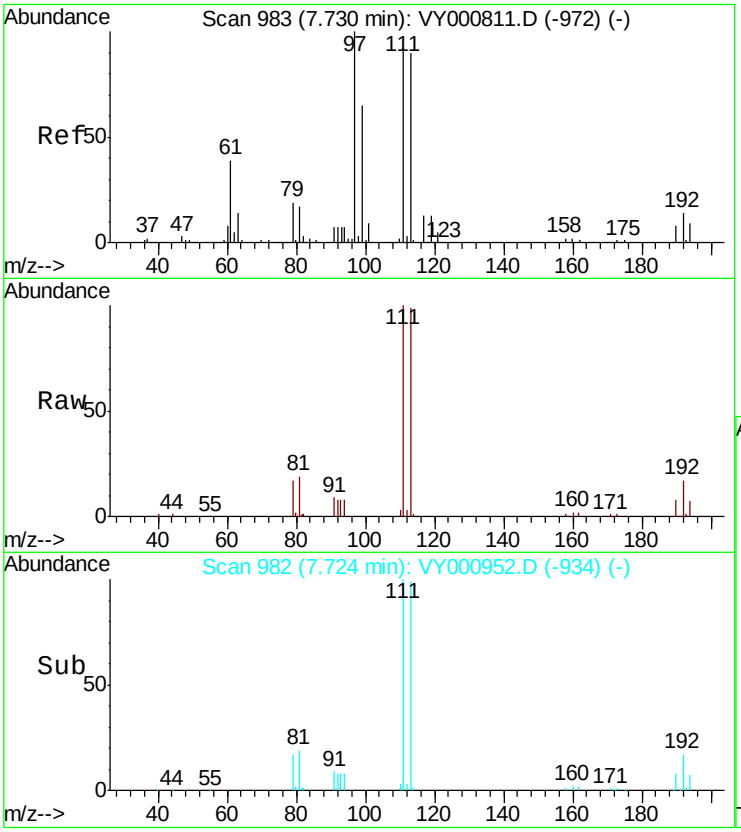


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Tgt Ion:114 Resp: 303428

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.8
88	15.7	0.0	33.2



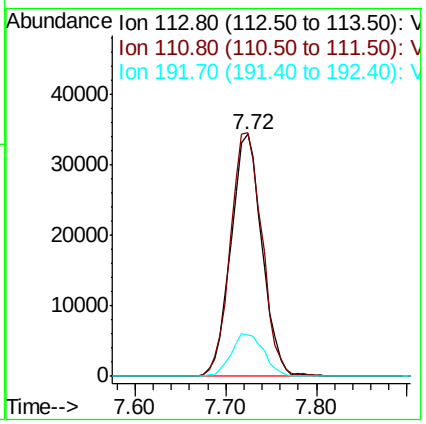


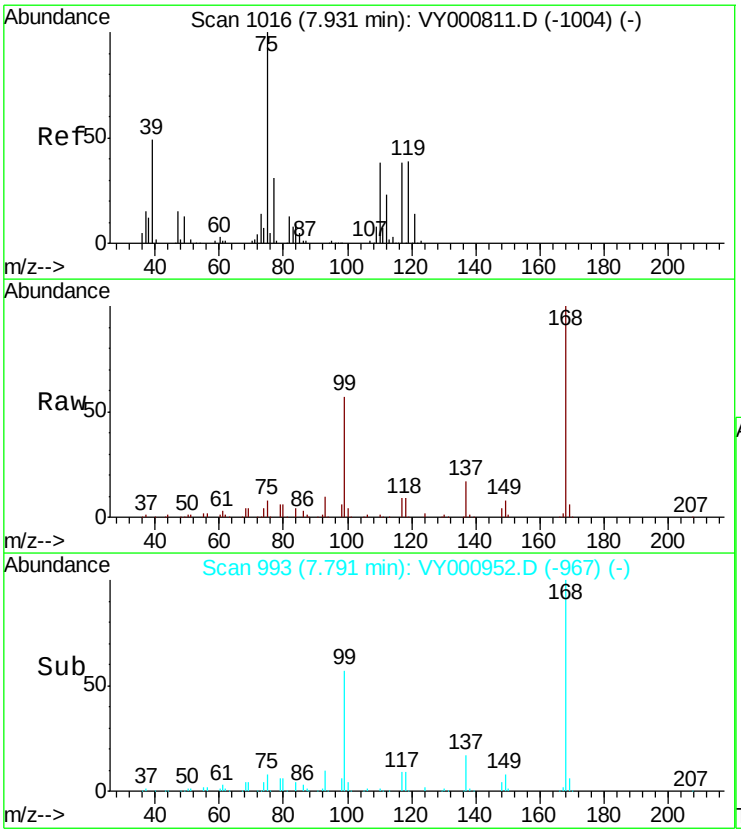
#35
Dibromofluoromethane
Concen: 46.033 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-121319

Tgt Ion:113 Resp: 81404

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	18.4	14.2	21.2

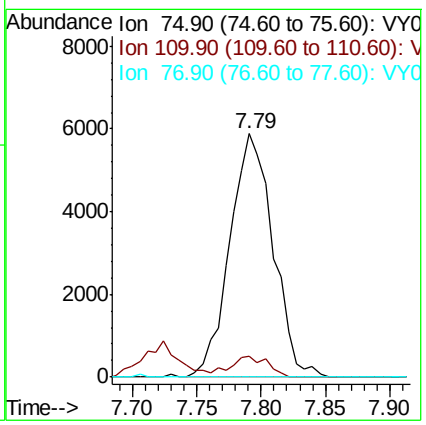


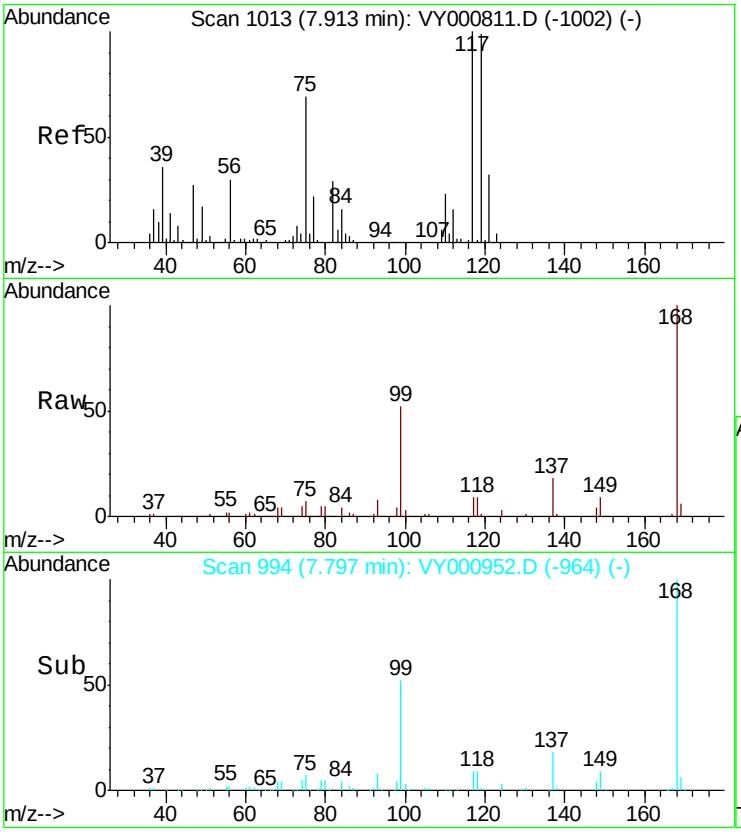


#36
1,1-Dichloropropene
Concen: 4.535 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.14 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Tgt Ion: 75 Resp: 13683

Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.9	53.7#
77	0.0	24.7	37.1#



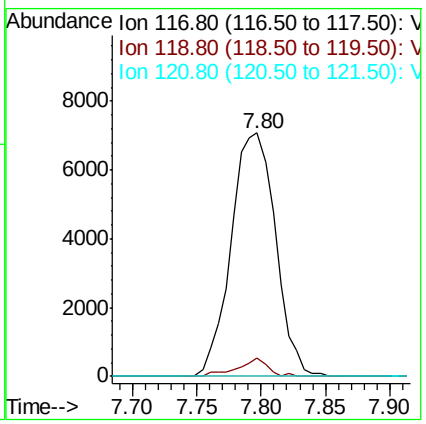


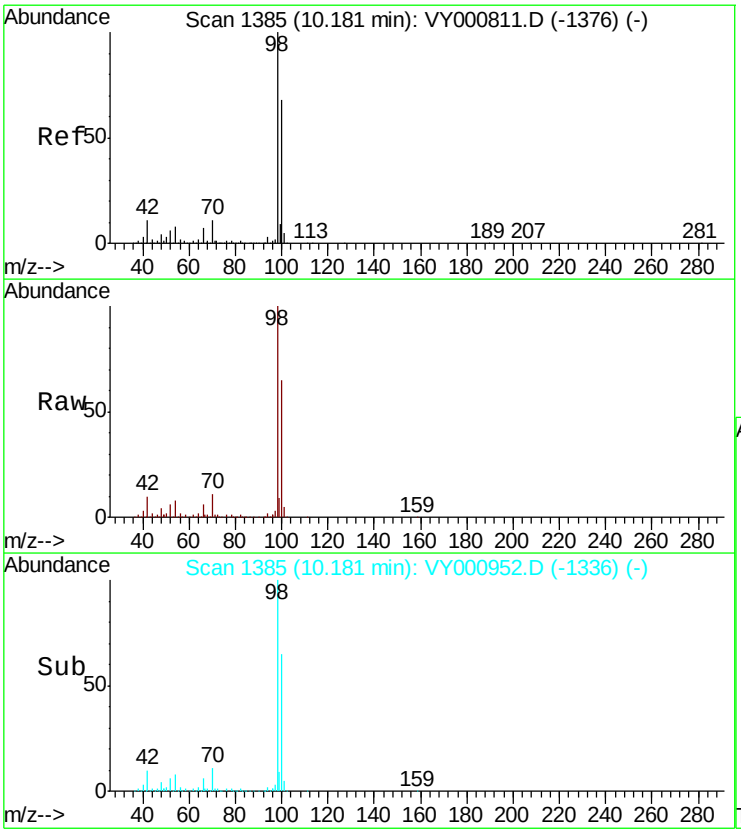
#38
Carbon Tetrachloride
Concen: 6.296 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-121319

Tgt Ion:117 Resp: 16917

Ion	Ratio	Lower	Upper
117	100		
119	7.7	79.3	118.9#
121	0.0	25.5	38.3#

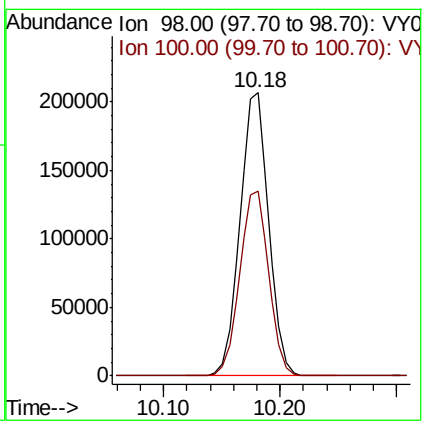


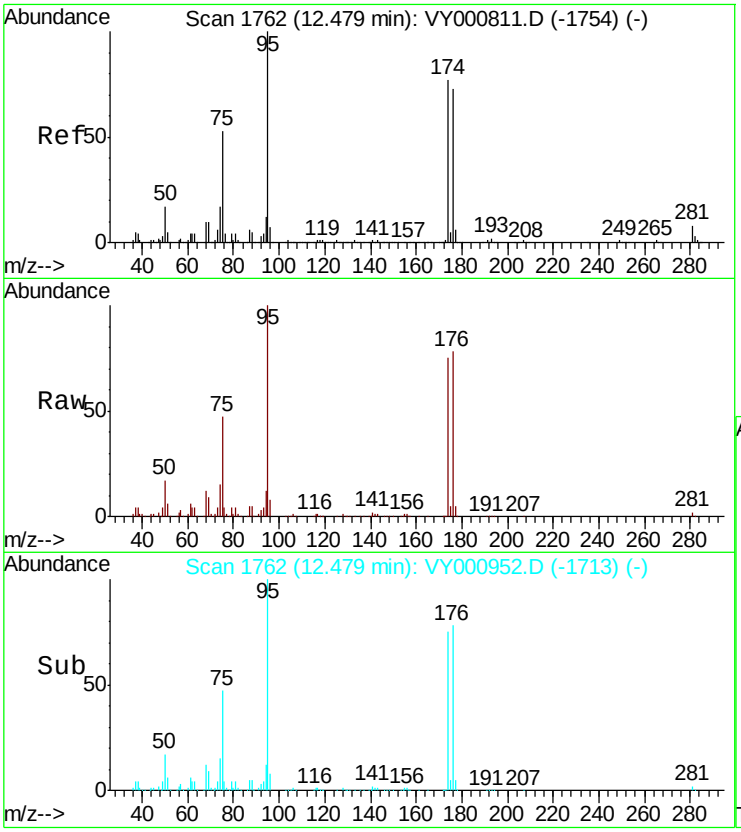


#50
Toluene-d8
Concen: 50.109 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Tgt Ion: 98 Resp: 354266

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7



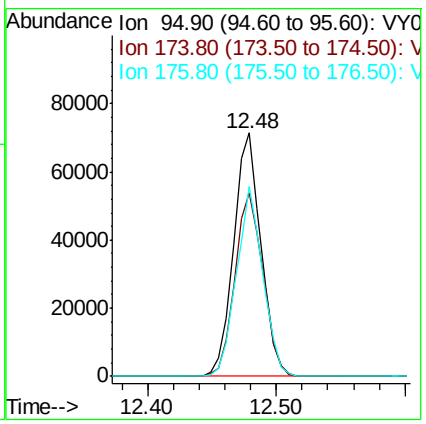


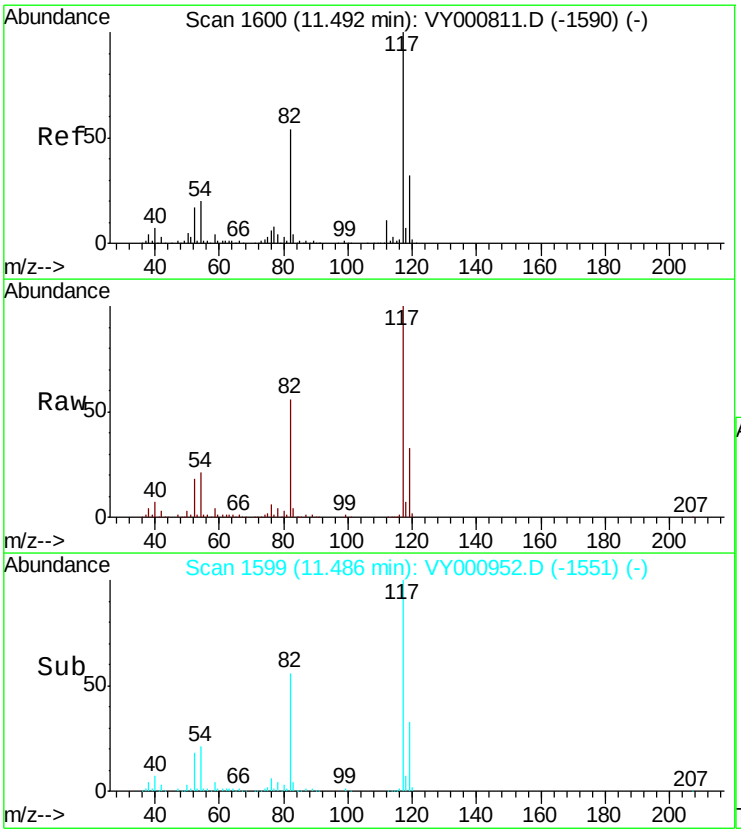
#62
4-Bromofluorobenzene
Concen: 39.479 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-121319

Tgt Ion: 95 Resp: 104820

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	150.6
176	75.0	0.0	145.2

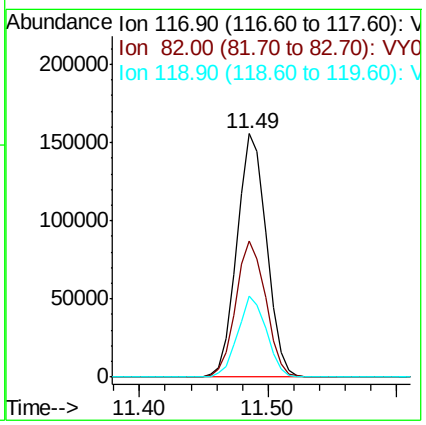


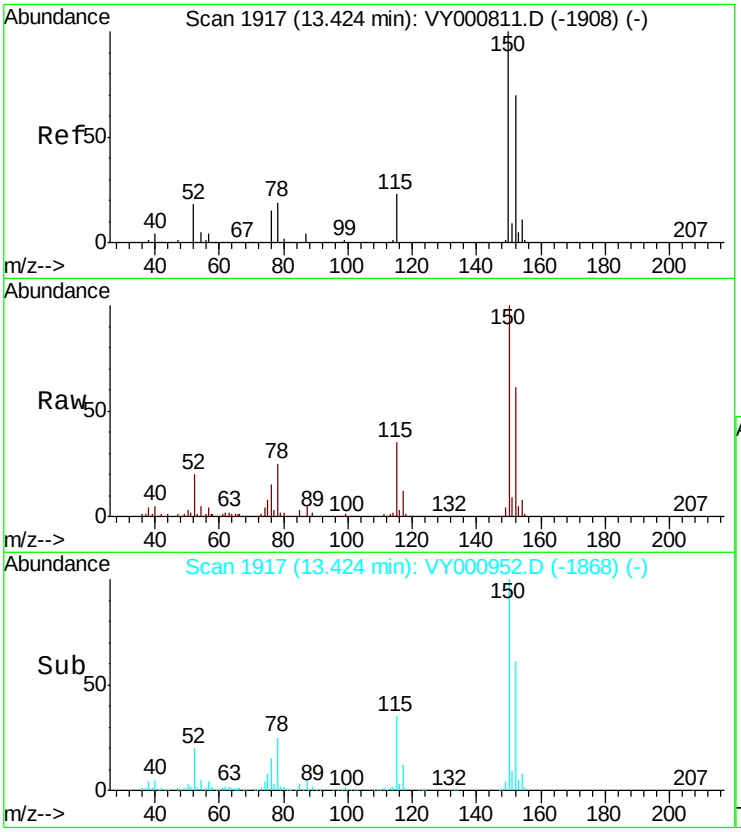


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Tgt Ion:117 Resp: 246814

Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.1	64.7
119	33.2	25.3	37.9



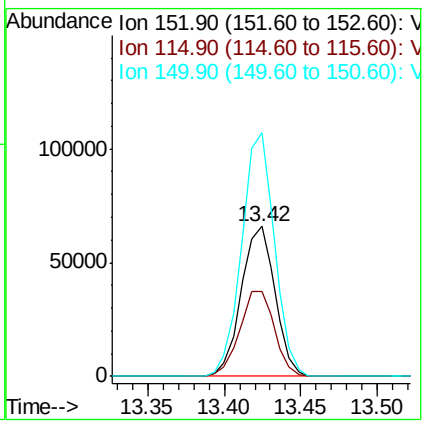


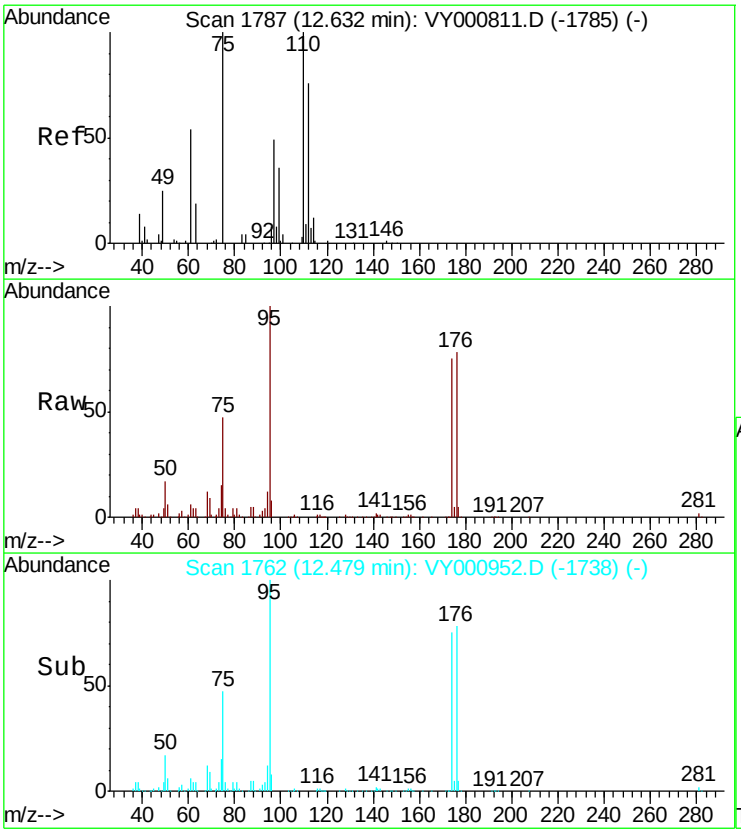
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Instrument : MSVOA_Y
ClientSampleId : TR-05-121319

Tgt Ion:152 Resp: 101172

Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.3	87.8
150	157.9	0.0	351.2

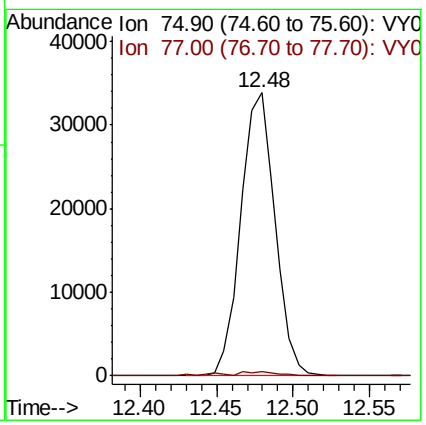


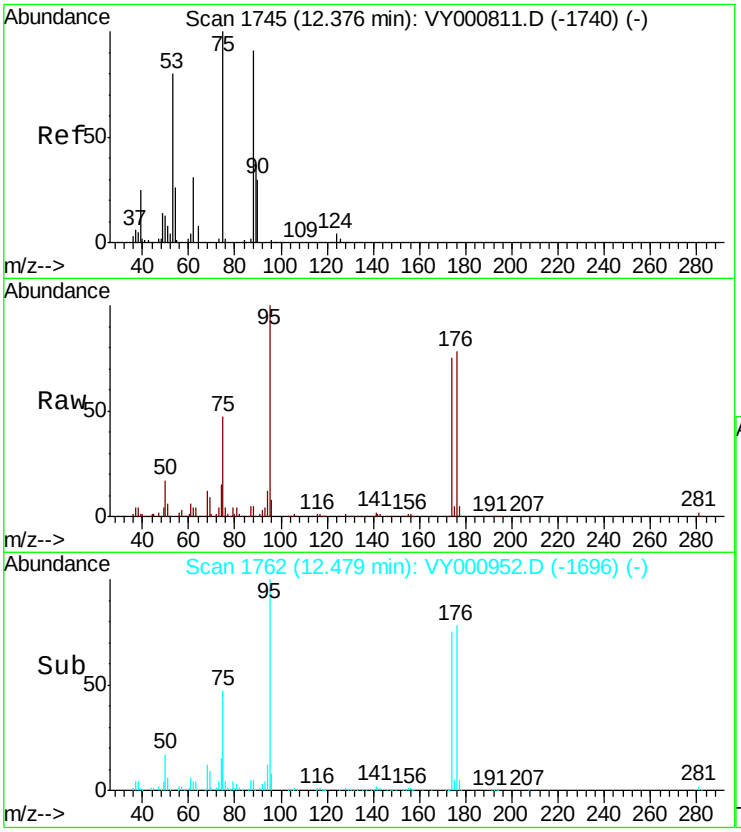


#76
1,2,3-Trichloropropane
Concen: 45.857 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Tgt Ion: 75 Resp: 52565

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.077 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-121319

Tgt Ion: 75 Resp: 52565

Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.6	96.8#
89	0.5	33.6	50.4#