Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001105.D
Acq On : 27 Dec 2019 17:56
Operator : SY/MD
Sample : K6439-05
Misc : 5.28G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : LIED-BF002-01

Quant Time: Dec 28 04:05:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	443157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	399972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	179333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	121757	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.74%			
35) Dibromofluoromethane	7.73	113	127646	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
50) Toluene-d8	10.18	98	519783	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.94%			
62) 4-Bromofluorobenzene	12.48	95	168786	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.54%			
Target Compounds						Qvalue
16) Acetone	3.95	43	6569	12.617	ug/l #	86
20) Methylene Chloride	4.72	84	11840	3.863	ug/l	96
25) 2-Butanone	6.99	43	3341	3.653	ug/l #	79
29) Tetrahydrofuran	7.35	42	866	1.331	ug/l #	52
31) Cyclohexane	7.80	56	5135	1.022	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	18428	4.359	ug/l #	51
38) Carbon Tetrachloride	7.80	117	22729	6.136	ug/l #	18
49) 1,4-Dioxane	9.33	88	25	1.036	ug/l #	24
51) 4-Methyl-2-Pentanone	10.07	43	2587	1.145	ug/l #	85
76) 1,2,3-Trichloropropane	12.48	75	81184	36.721	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	81184	78.318	ug/l #	19

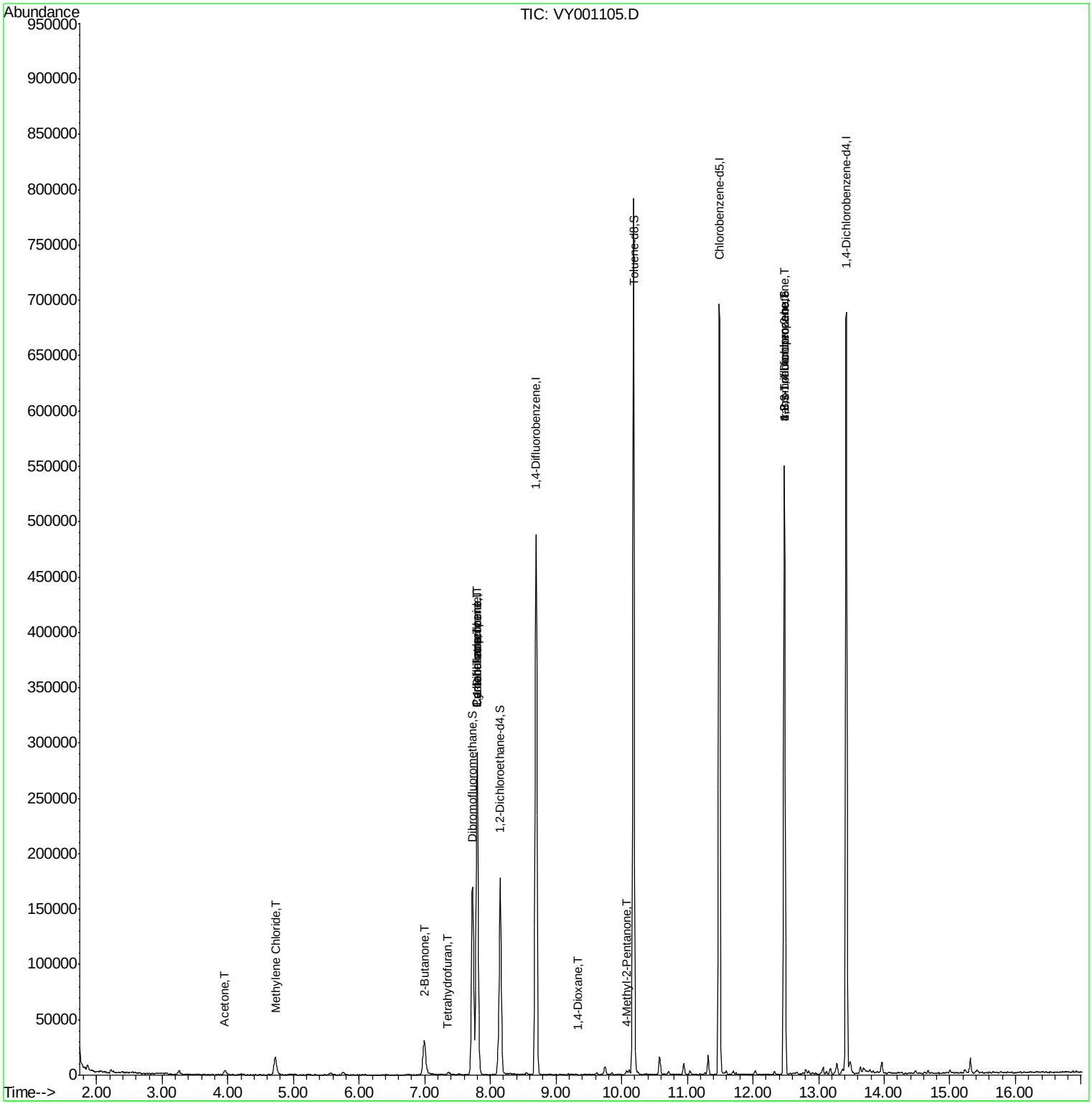
(#) = qualifier out of range (m) = manual integration (+) = signals summed

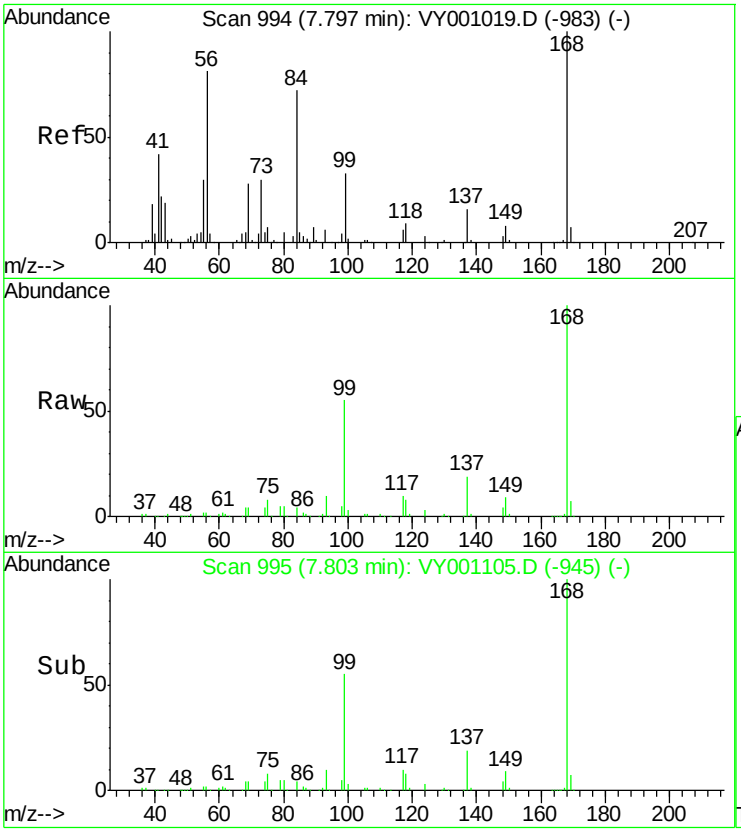
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001105.D
Acq On : 27 Dec 2019 17:56
Operator : SY/MD
Sample : K6439-05
Misc : 5.28G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF002-01

Quant Time: Dec 28 04:05:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration



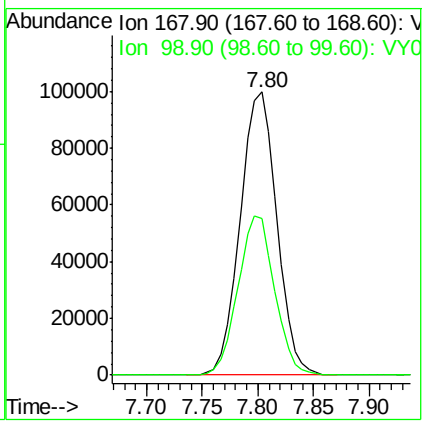


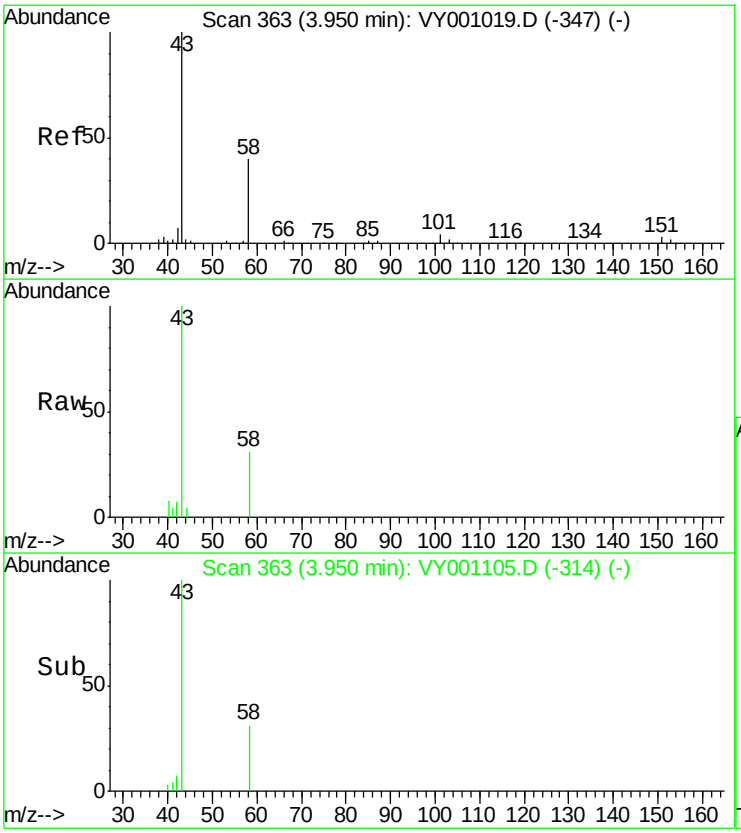
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF002-01

Tgt Ion:168 Resp: 229149

Ion	Ratio	Lower	Upper
168	100		
99	55.4	44.0	66.0

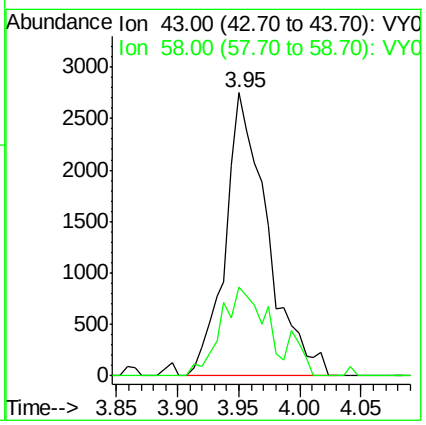


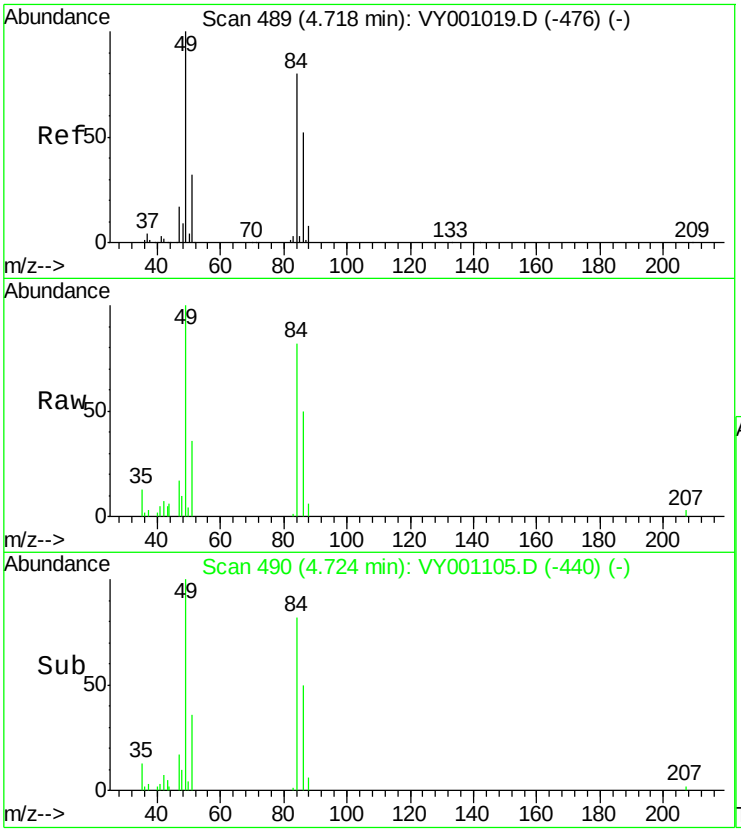


#16
Acetone
Concen: 12.617 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Tgt Ion: 43 Resp: 6569

Ion	Ratio	Lower	Upper
43	100		
58	31.2	32.1	48.1#



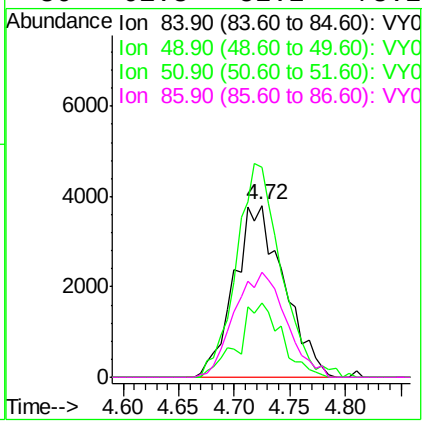


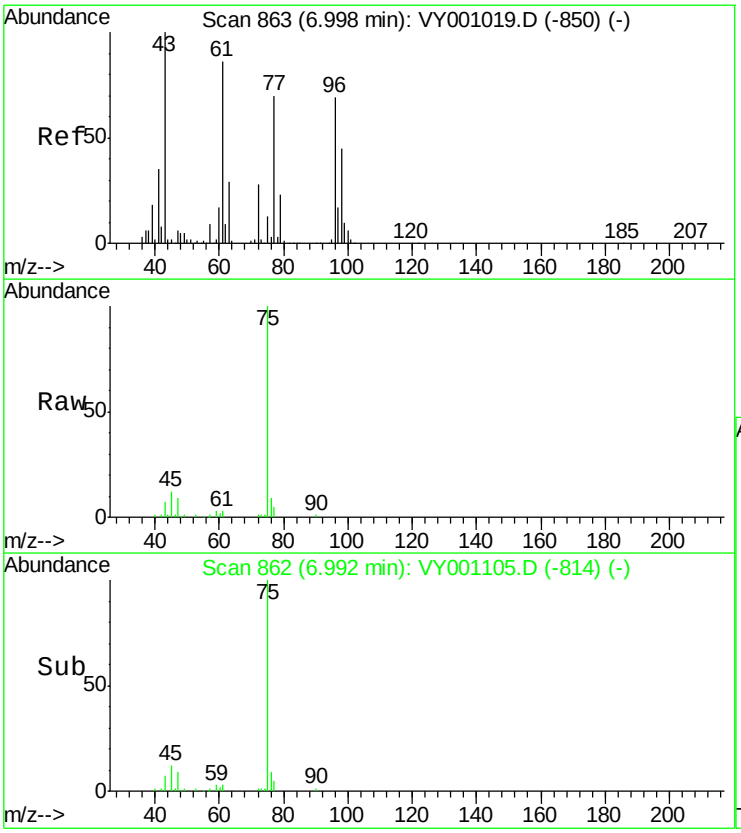
#20
Methylene Chloride
Concen: 3.863 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Instrument : MSVOA_Y
ClientSampleId : LIED-BF002-01

Tgt Ion: 84 Resp: 11840

Ion	Ratio	Lower	Upper
84	100		
49	122.0	99.8	149.6
51	43.6	31.4	47.2
86	61.3	52.2	78.2

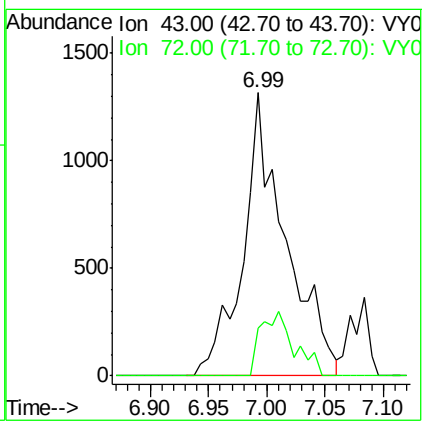


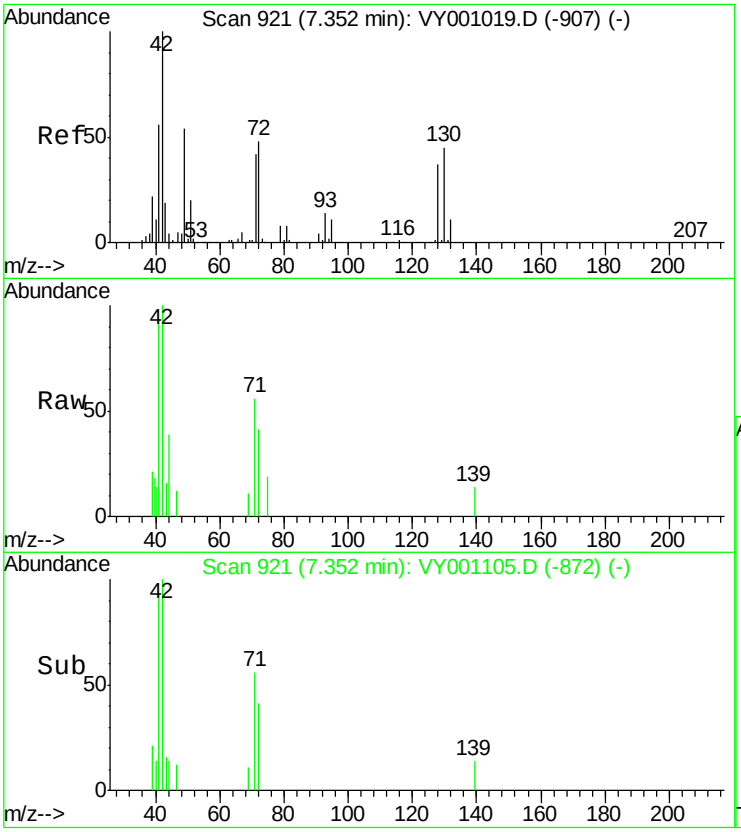


#25
2-Butanone
Concen: 3.653 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Tgt Ion: 43 Resp: 3341

Ion	Ratio	Lower	Upper
43	100		
72	16.9	22.4	33.6#



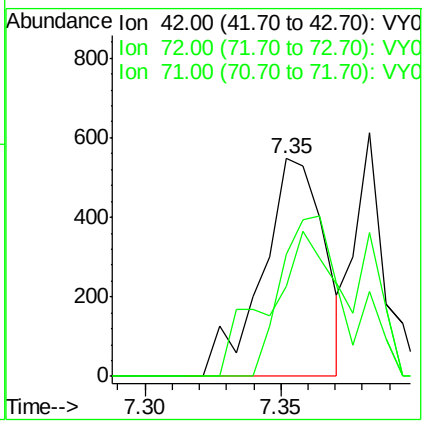


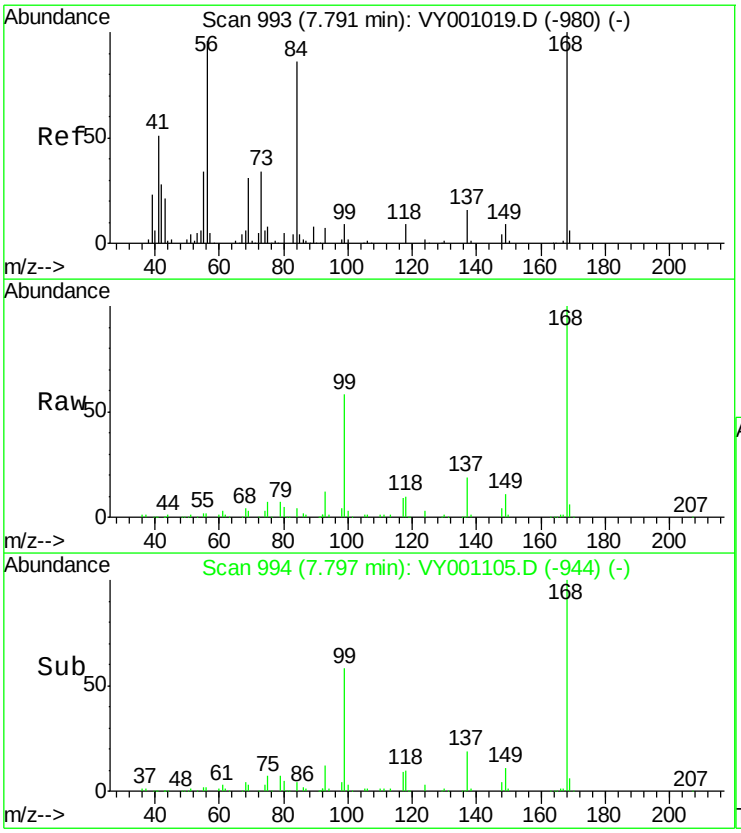
#29
Tetrahydrofuran
Concen: 1.331 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF002-01

Tgt Ion: 42 Resp: 866

Ion	Ratio	Lower	Upper
42	100		
72	84.3	37.7	56.5#
71	68.7	34.6	51.8#

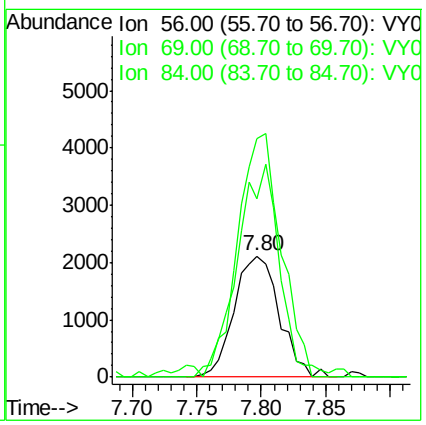


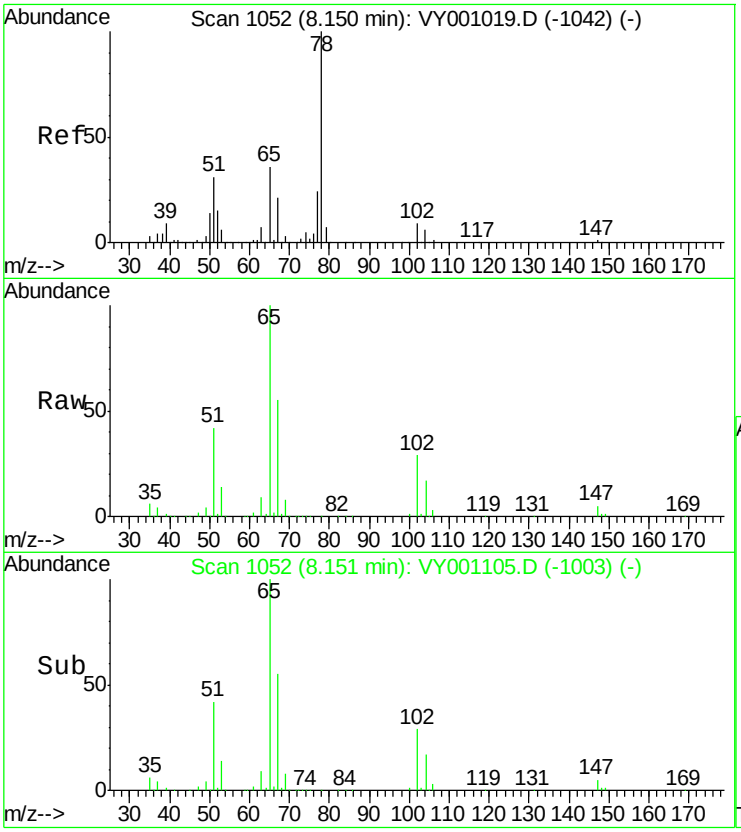


#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Tgt Ion: 56 Resp: 5135

Ion	Ratio	Lower	Upper
56	100		
69	140.3	26.1	39.1#
84	197.1	71.8	107.8#



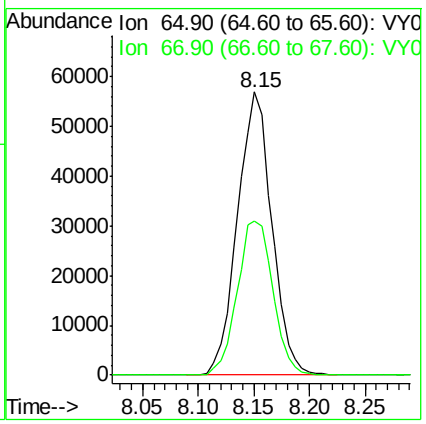


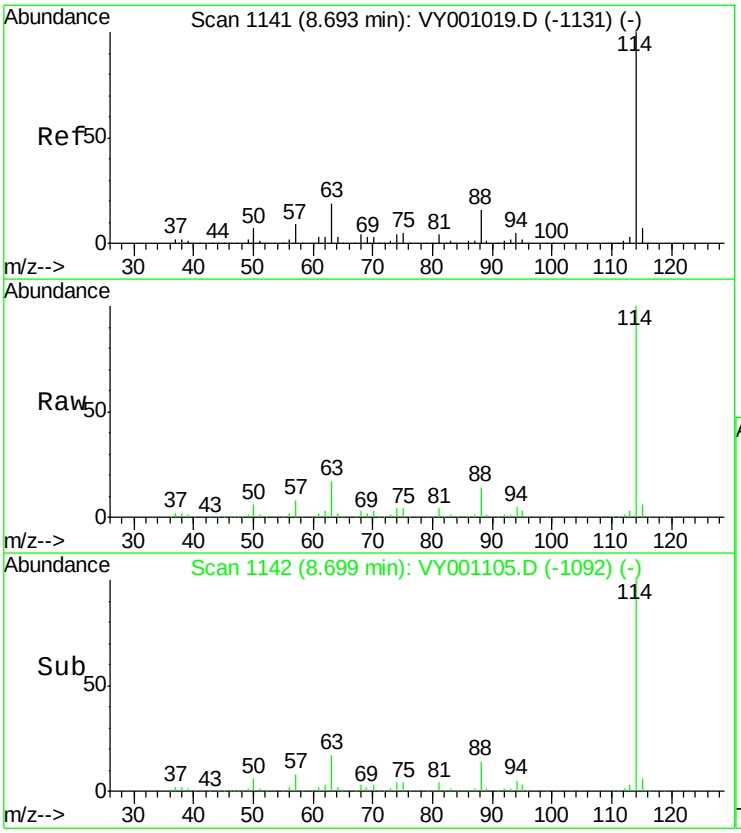
#33
1,2-Dichloroethane-d4
Concen: 53.874 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF002-01

Tgt Ion: 65 Resp: 121757

Ion	Ratio	Lower	Upper
65	100		
67	56.7	0.0	112.8

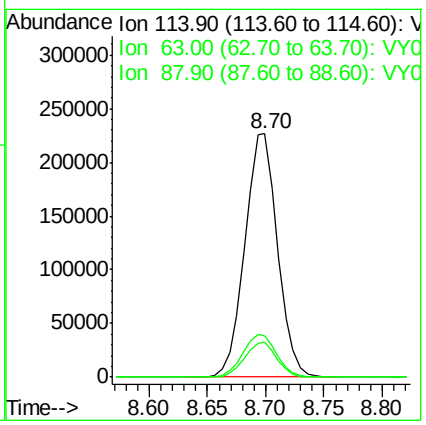


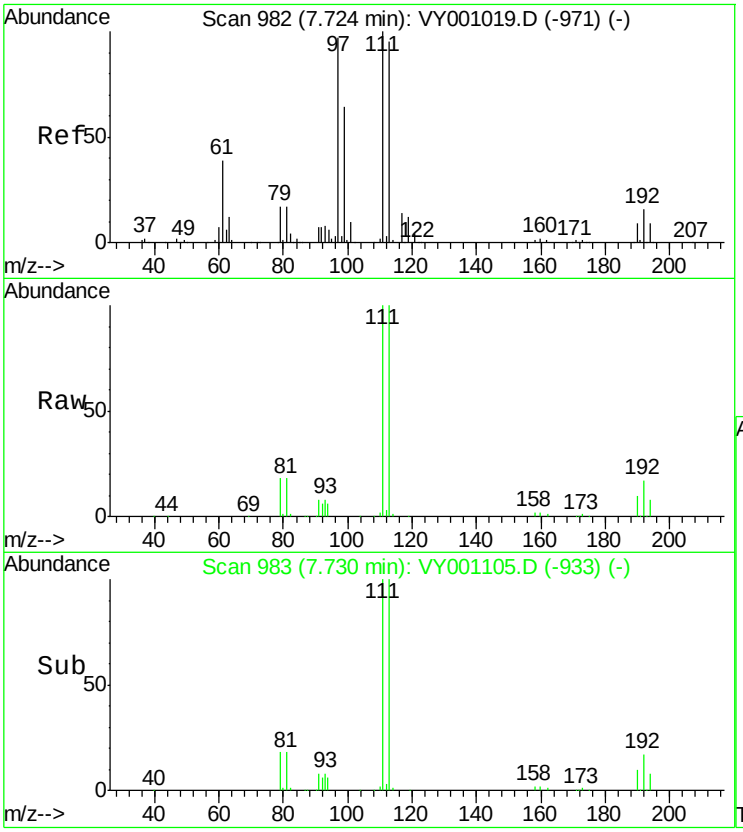


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Tgt Ion:114 Resp: 443157

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	37.0
88	14.3	0.0	32.0



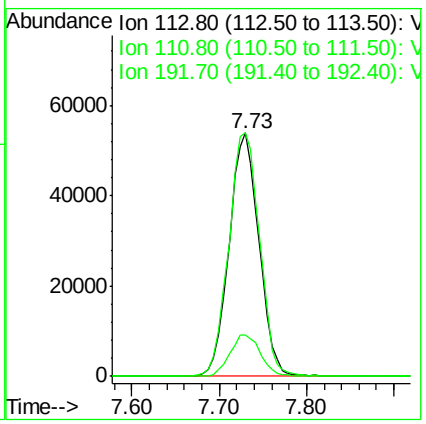


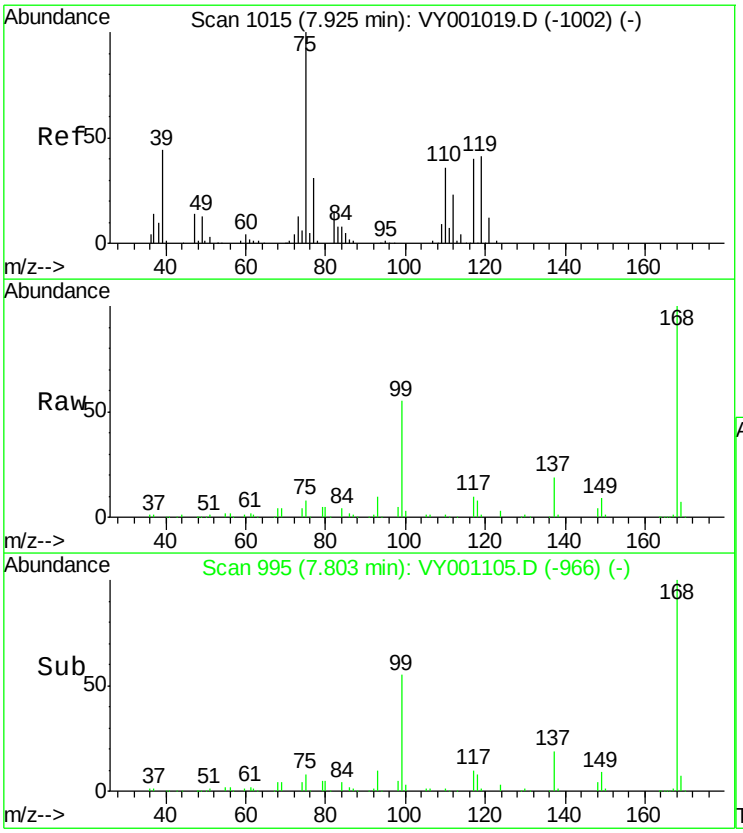
#35
Dibromofluoromethane
Concen: 48.915 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF002-01

Tgt Ion:113 Resp: 127646

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.0	124.4
192	17.4	14.6	21.8

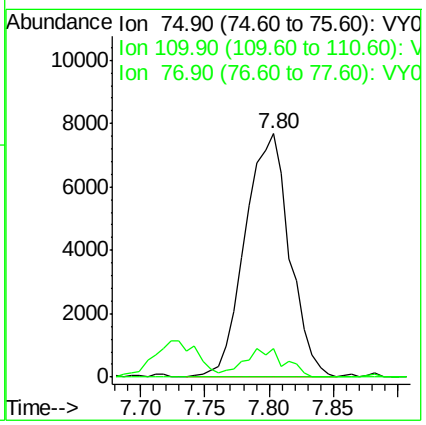


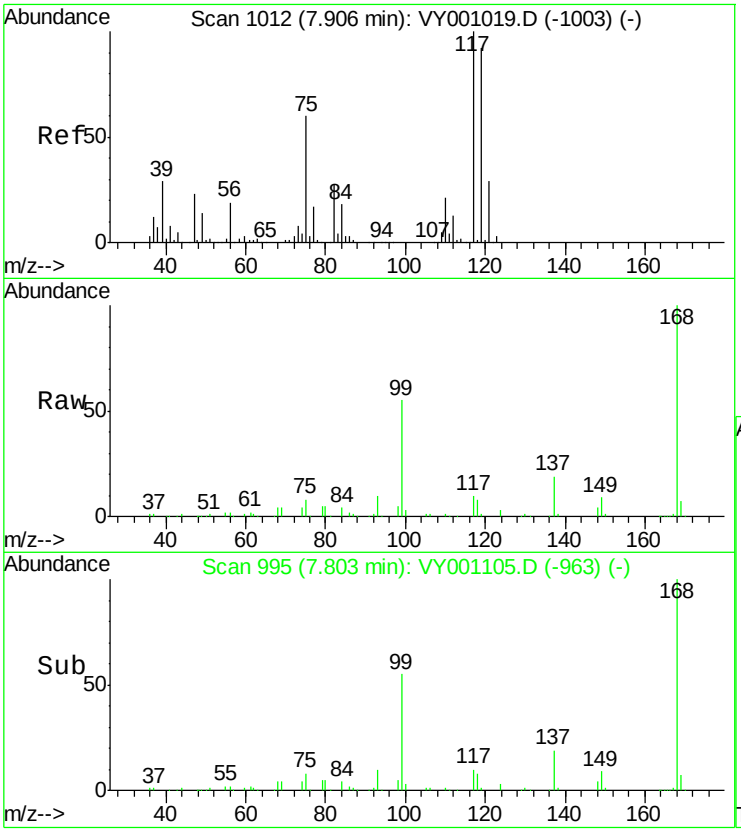


#36
1,1-Dichloropropene
Concen: 4.359 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Tgt Ion: 75 Resp: 18428

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.4#
77	0.0	24.6	37.0#



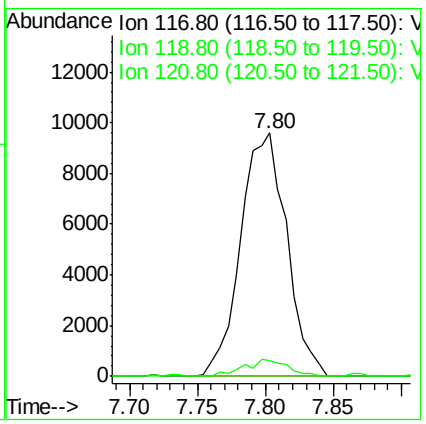


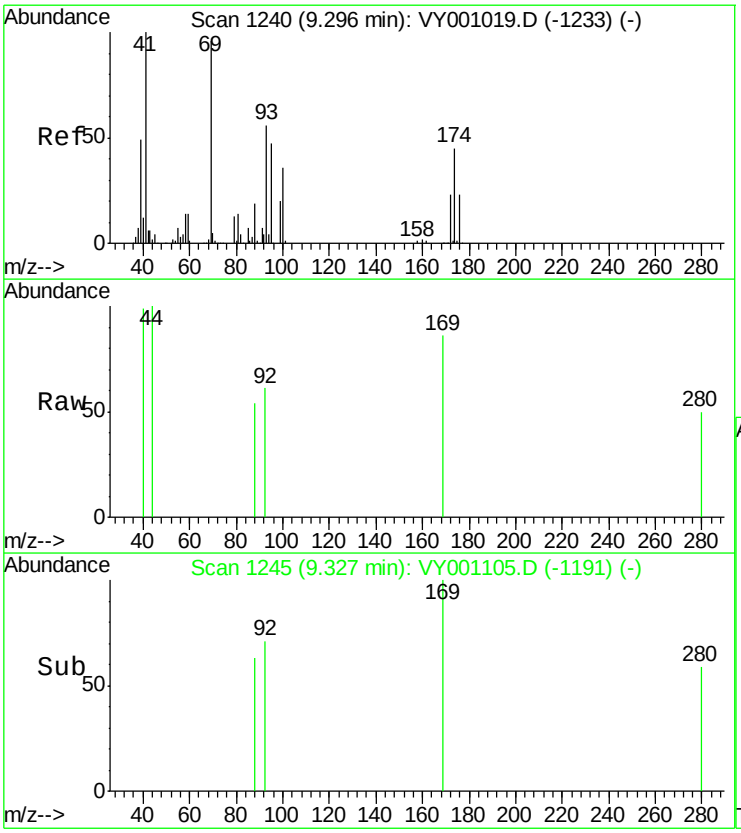
#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.10 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Instrument : MSVOA_Y
ClientSampleId : LIED-BF002-01

Tgt Ion:117 Resp: 22729

Ion	Ratio	Lower	Upper
117	100		
119	6.4	74.2	111.2#
121	0.0	22.9	34.3#

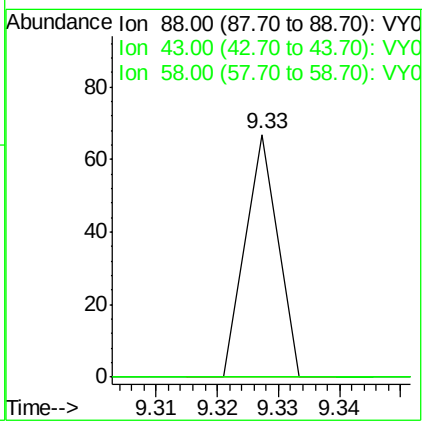


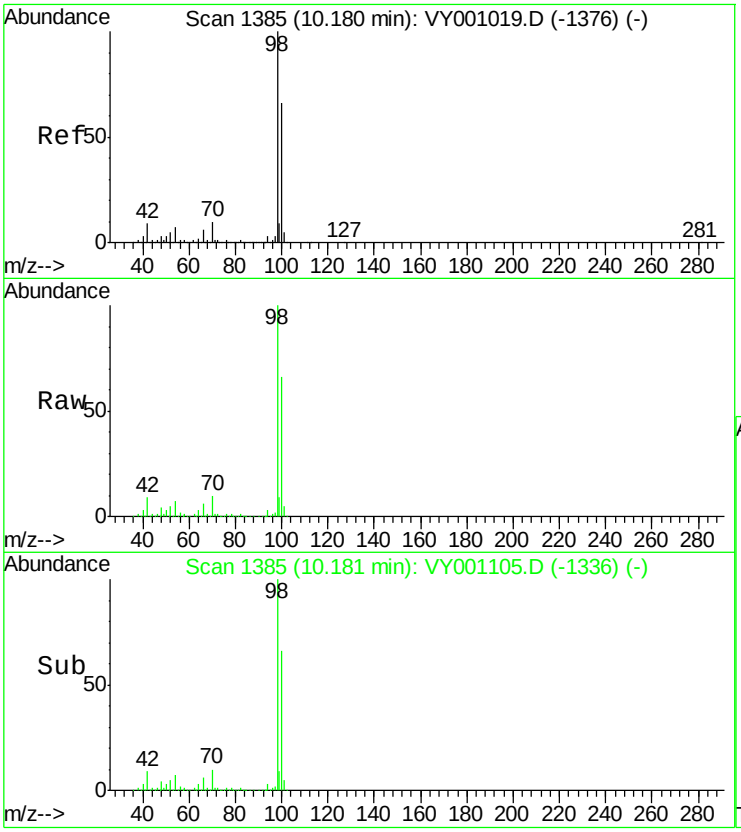


#49
1,4-Dioxane
Concen: 1.036 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.03 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Tgt Ion: 88 Resp: 25

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.0	34.4#
58	0.0	54.9	82.3#



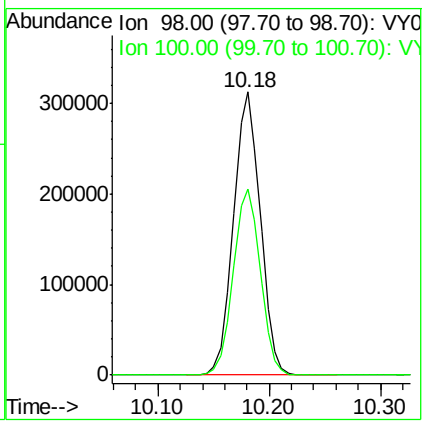


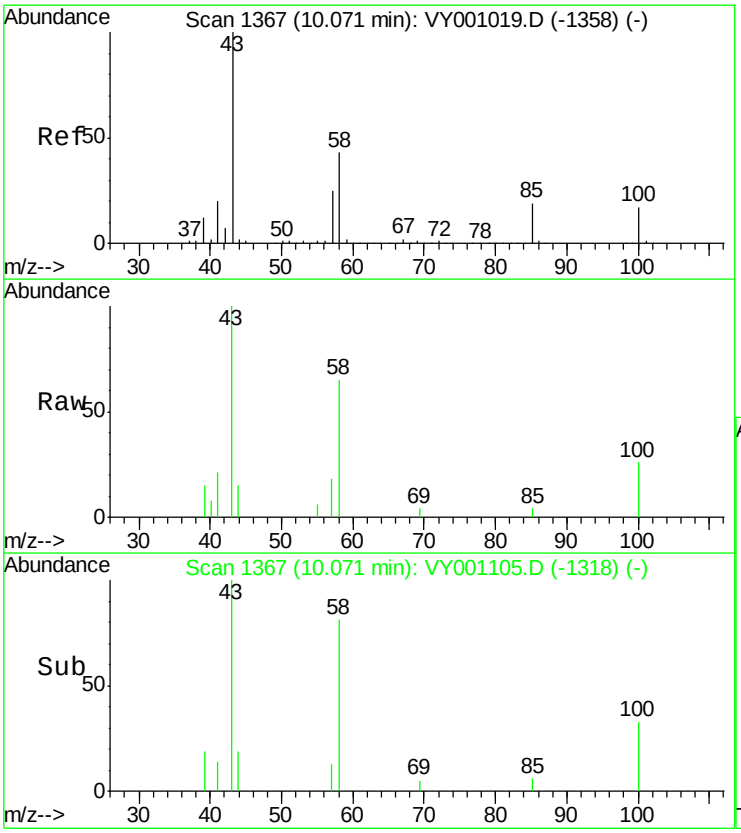
#50
Toluene-d8
Concen: 50.969 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Instrument : MSVOA_Y
ClientSampleId : LIED-BF002-01

Tgt Ion: 98 Resp: 519783

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

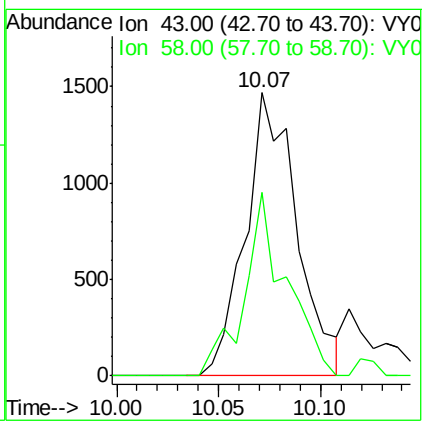


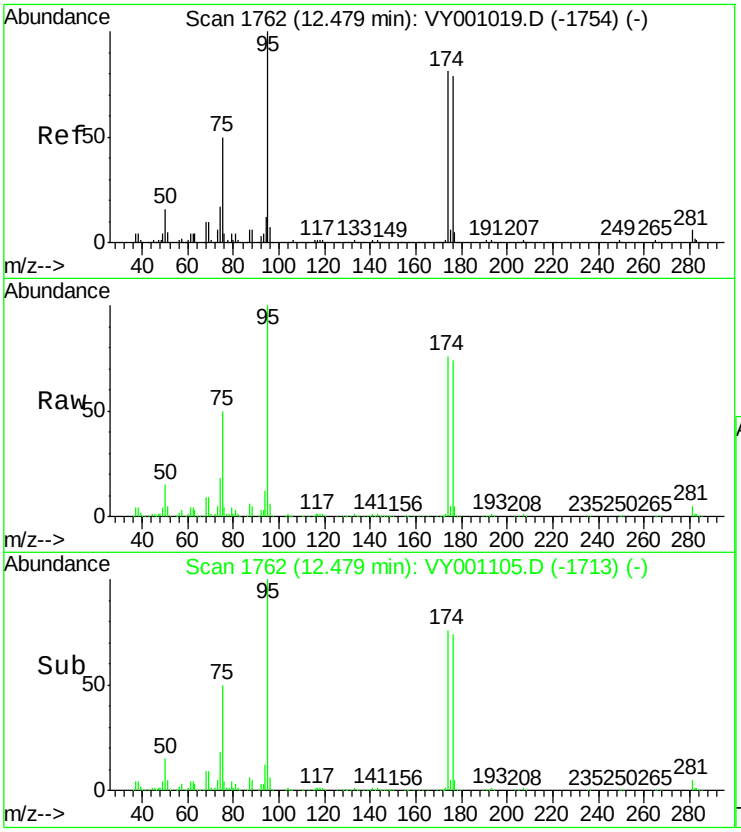


#51
4-Methyl-2-Pentanone
Concen: 1.145 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Tgt Ion: 43 Resp: 2587

Ion	Ratio	Lower	Upper
43	100		
58	53.1	34.6	52.0#



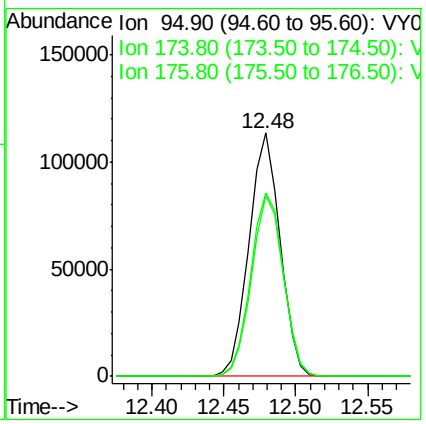


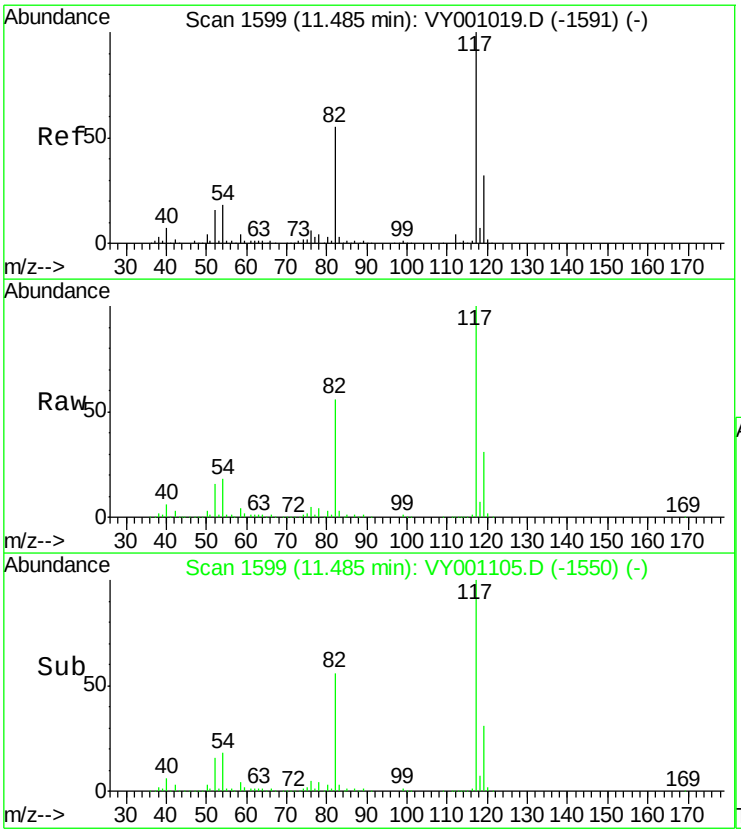
#62
4-Bromofluorobenzene
Concen: 45.268 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF002-01

Tgt Ion: 95 Resp: 168786

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	156.4
176	76.1	0.0	155.0

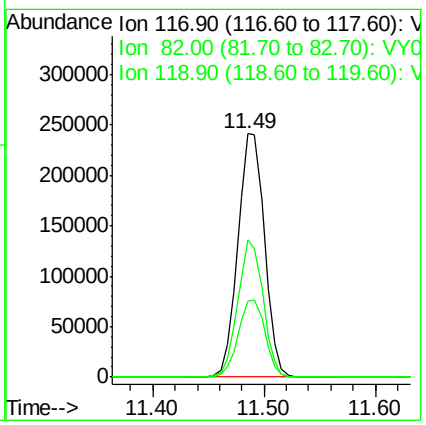


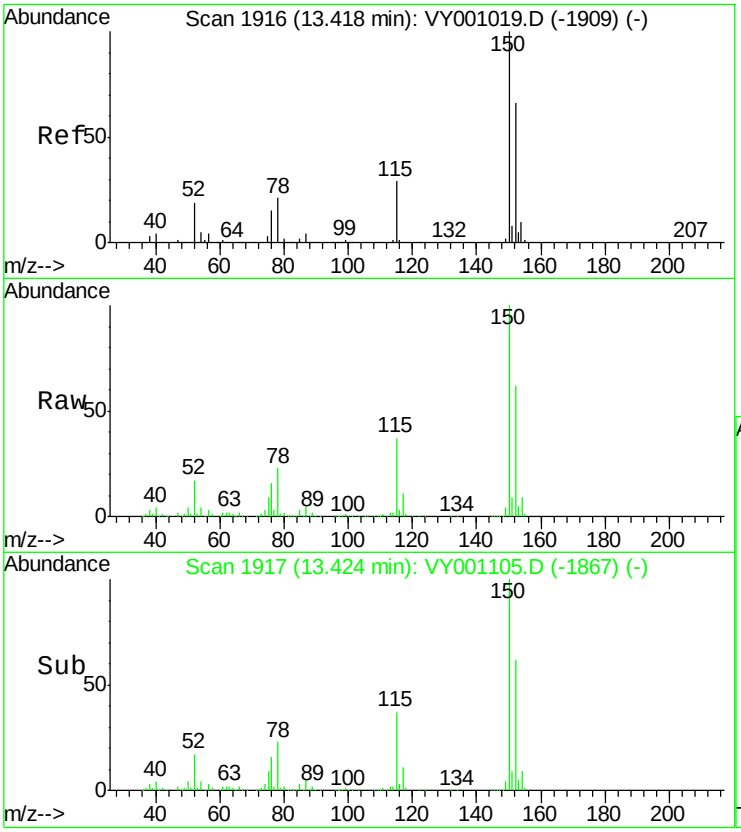


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Tgt Ion:117 Resp: 399972

Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.8	65.8
119	31.3	25.8	38.6



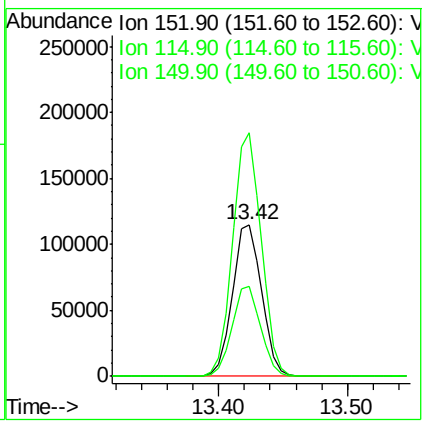


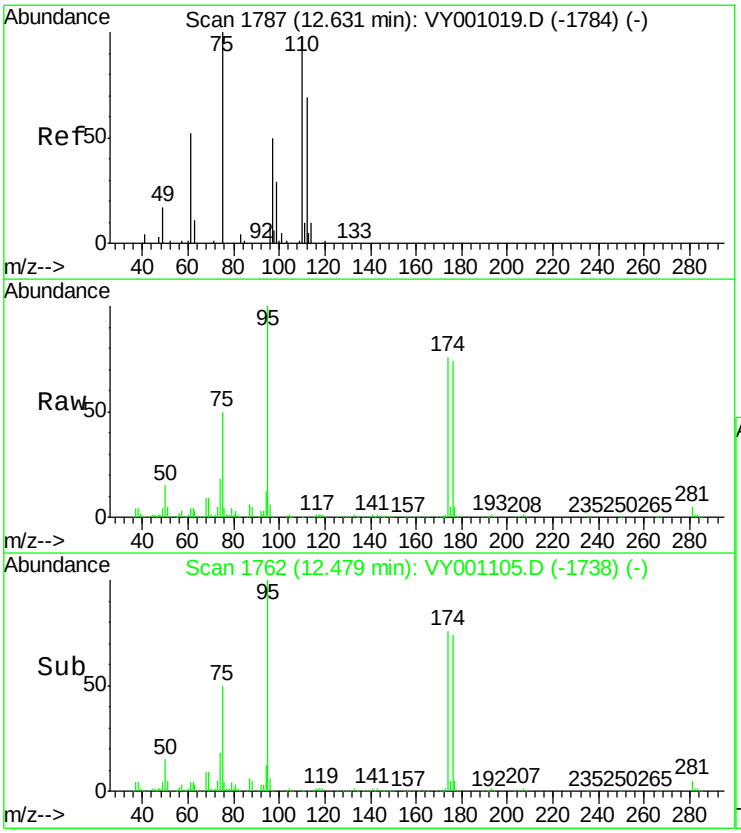
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF002-01

Tgt Ion:152 Resp: 179333

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.8	89.3
150	157.7	0.0	352.6

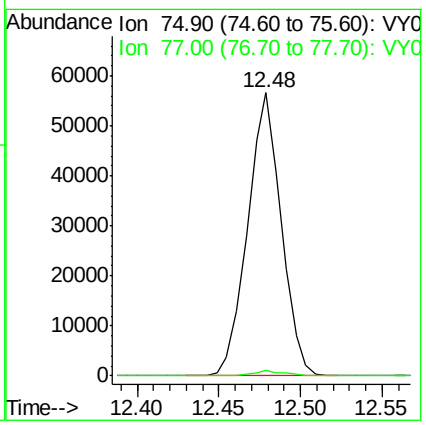


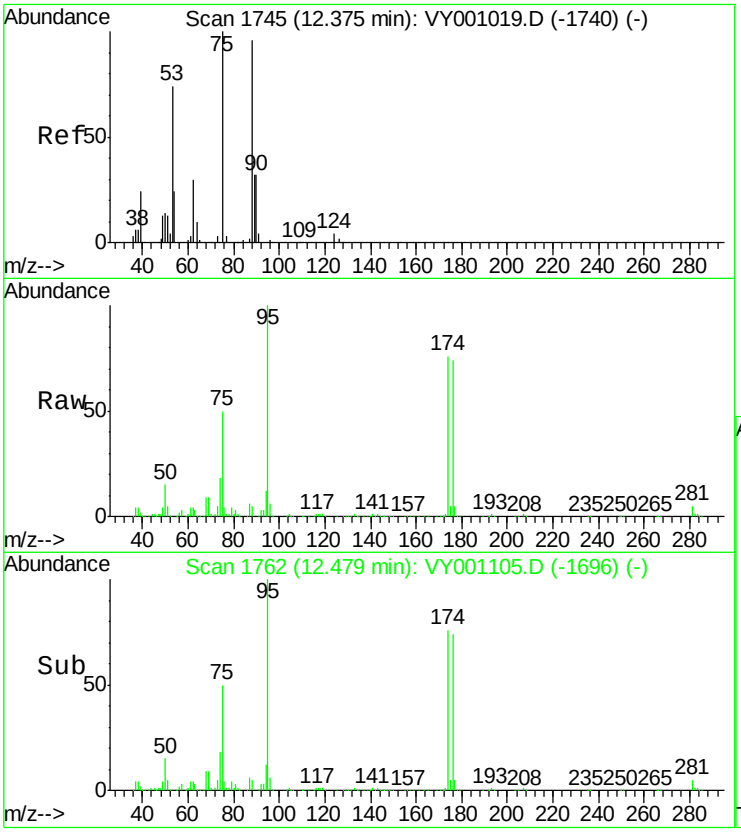


#76
1,2,3-Trichloropropane
Concen: 36.721 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Tgt Ion: 75 Resp: 81184

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.318 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY001105.D
Acq: 27 Dec 2019 17:56

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF002-01

Tgt Ion: 75 Resp: 81184

Ion	Ratio	Lower	Upper
75	100		
53	0.1	60.6	91.0#
89	0.0	35.4	53.0#