Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001093.D
Acq On : 27 Dec 2019 13:31
Operator : SY/MD
Sample : K6439-15
Misc : 4.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : LIED-BF012-01

Quant Time: Dec 28 04:02:09 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	214630	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.70	114	398378	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	363464	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161074	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	113244	53.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.00%				
35) Dibromofluoromethane	7.73	113	113528	48.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.78%				
50) Toluene-d8	10.18	98	471376	51.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.84%				
62) 4-Bromofluorobenzene	12.48	95	155863	46.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.91	85	1877	1.004	ug/l		72
11) Tert butyl alcohol	4.98	59	707	3.038	ug/l	#	74
16) Acetone	3.96	43	9278	19.025	ug/l	#	81
20) Methylene Chloride	4.72	84	10589	3.689	ug/l	#	82
25) 2-Butanone	7.01	43	2311	2.698	ug/l		94
29) Tetrahydrofuran	7.36	42	937	1.538	ug/l	#	69
36) 1,1-Dichloropropene	7.80	75	17102	4.500	ug/l	#	48
38) Carbon Tetrachloride	7.80	117	21033	6.317	ug/l	#	18
51) 4-Methyl-2-Pentanone	10.06	43	2139	1.053	ug/l		98
76) 1,2,3-Trichloropropane	12.48	75	74814	37.676	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	74814	80.354	ug/l	#	19

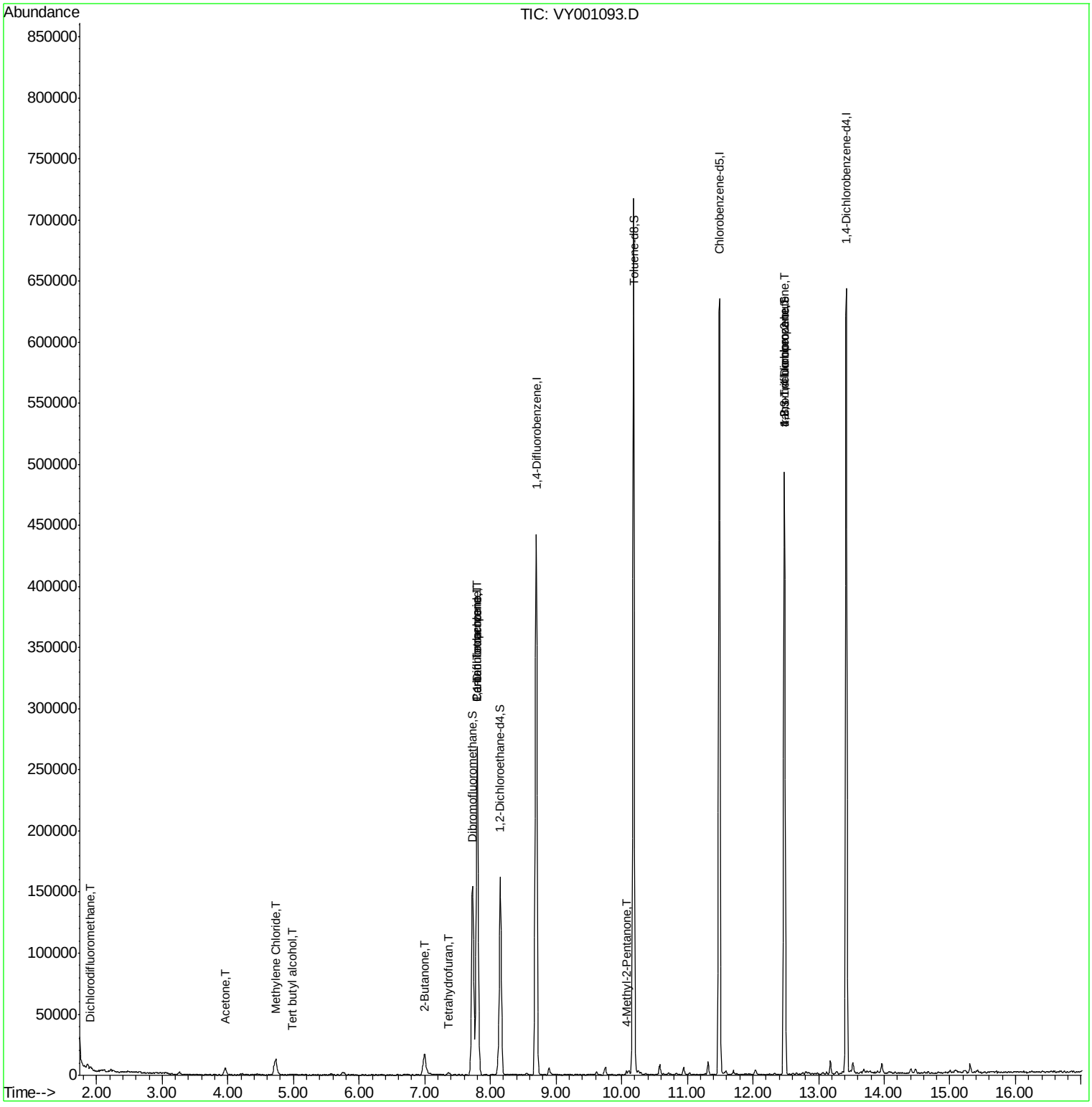
(#) = qualifier out of range (m) = manual integration (+) = signals summed

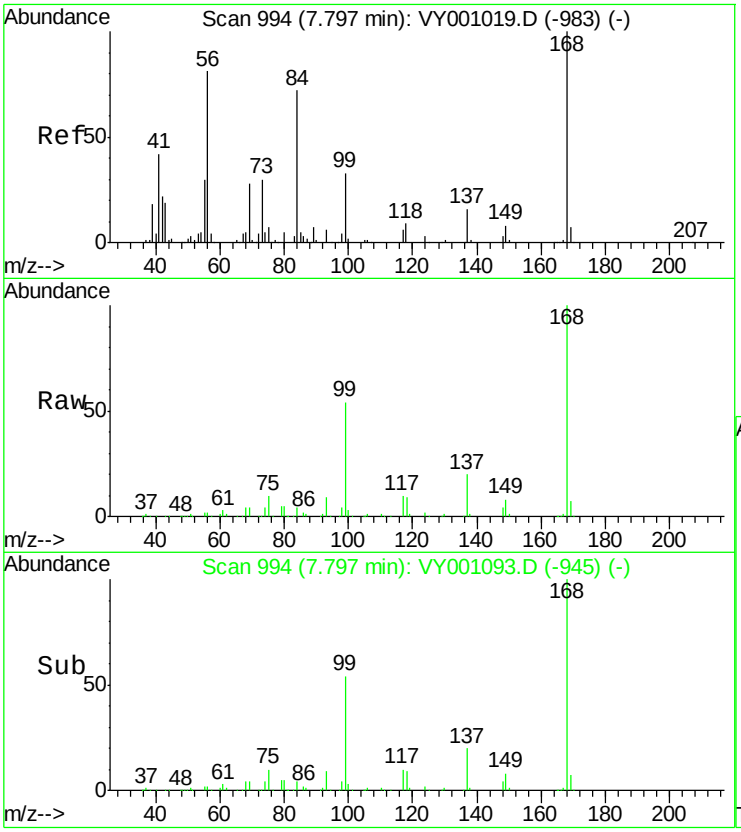
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001093.D
Acq On : 27 Dec 2019 13:31
Operator : SY/MD
Sample : K6439-15
Misc : 4.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF012-01

Quant Time: Dec 28 04:02:09 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



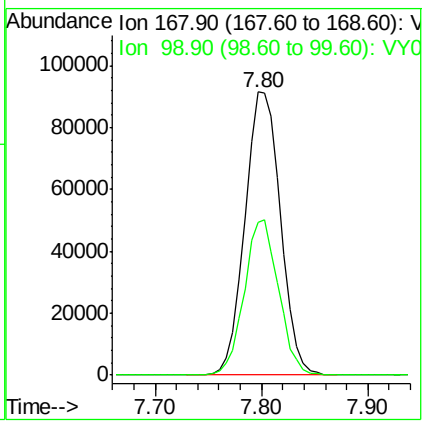


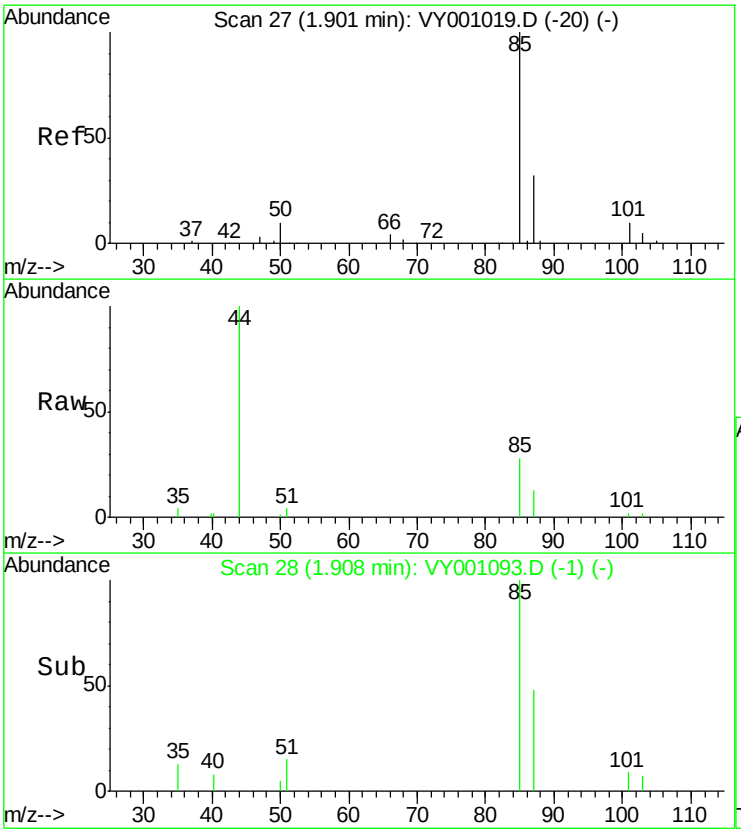
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF012-01

Tgt Ion:168 Resp: 214630

Ion	Ratio	Lower	Upper
168	100		
99	54.2	44.0	66.0

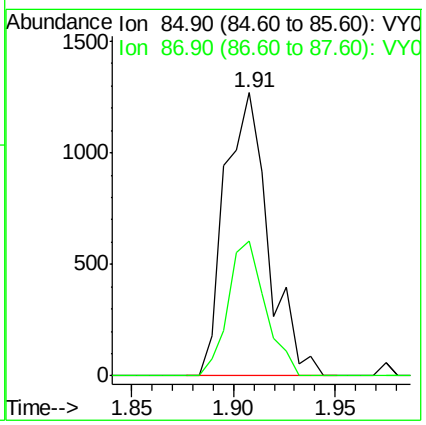


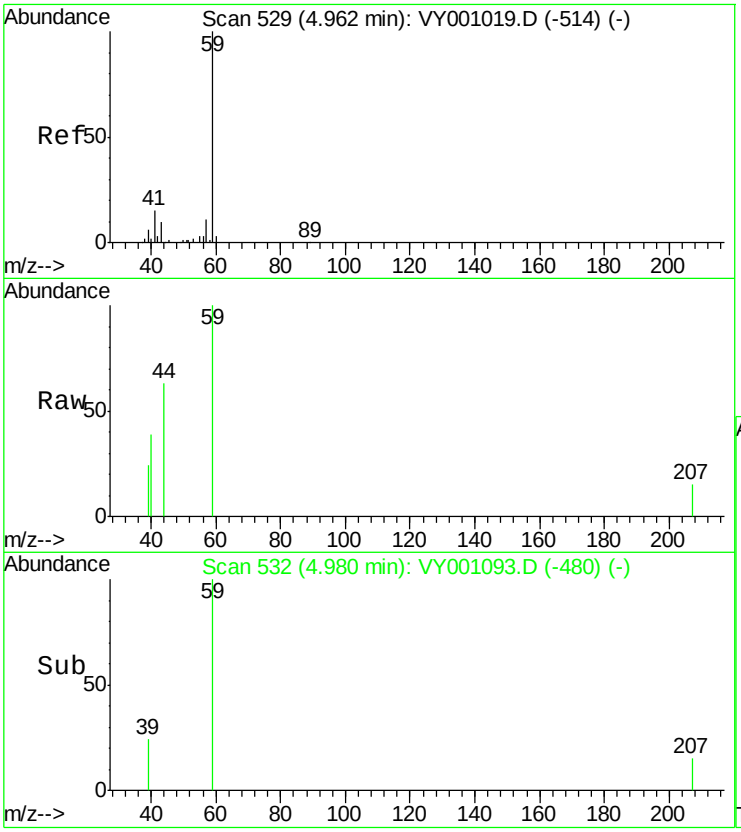


#2
Dichlorodifluoromethane
Concen: 1.004 ug/l
RT: 1.91 min Scan# 28
Delta R.T. 0.01 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Tgt Ion: 85 Resp: 1877

Ion	Ratio	Lower	Upper
85	100		
87	47.5	15.9	47.7



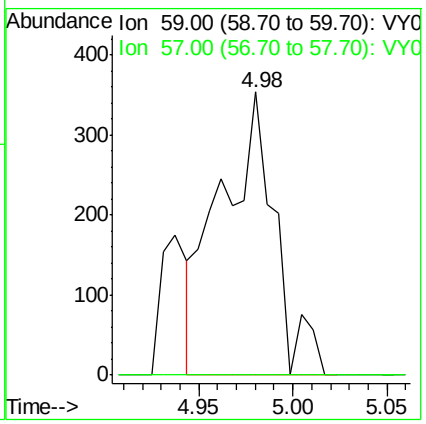


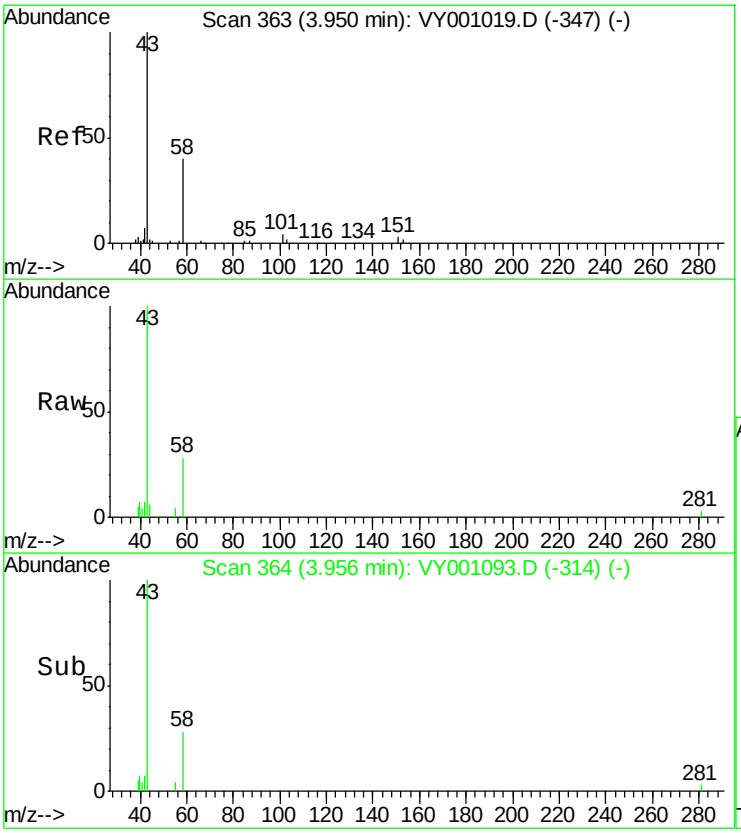
#11
Tert butyl alcohol
Concen: 3.038 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.02 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Instrument : MSVOA_Y
ClientSampleId : LIED-BF012-01

Tgt Ion: 59 Resp: 707

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

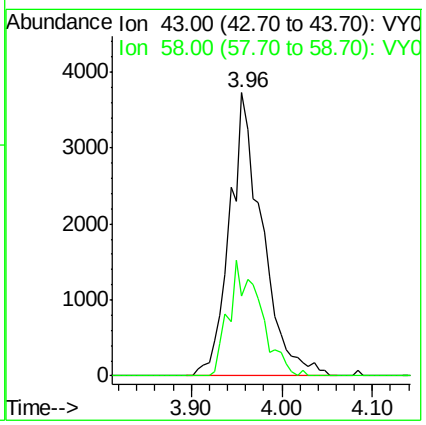


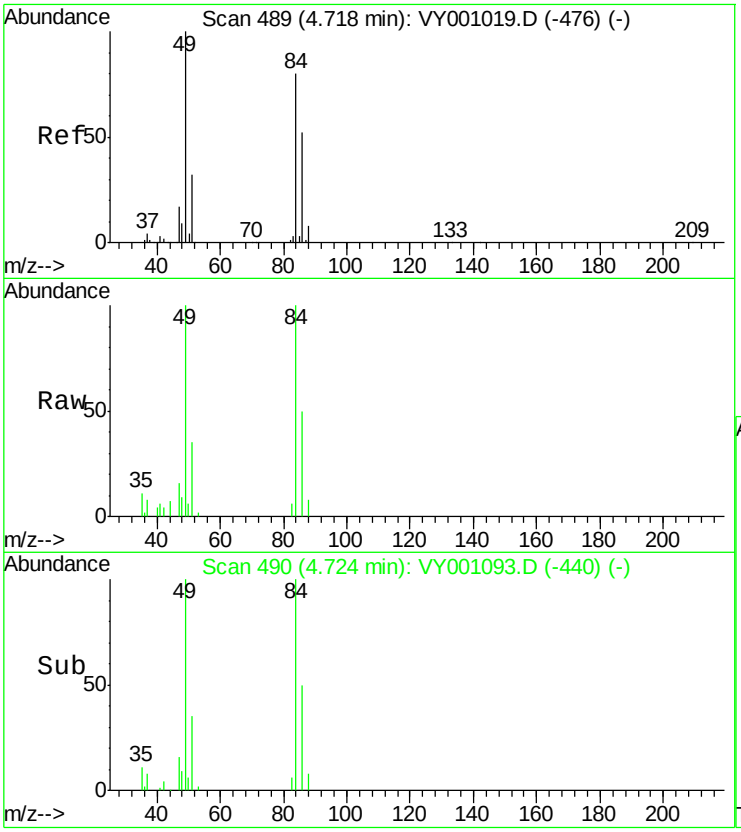


#16
Acetone
Concen: 19.025 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Tgt Ion: 43 Resp: 9278

Ion	Ratio	Lower	Upper
43	100		
58	28.2	32.1	48.1#



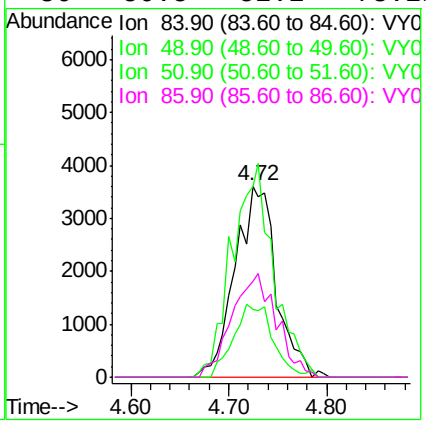


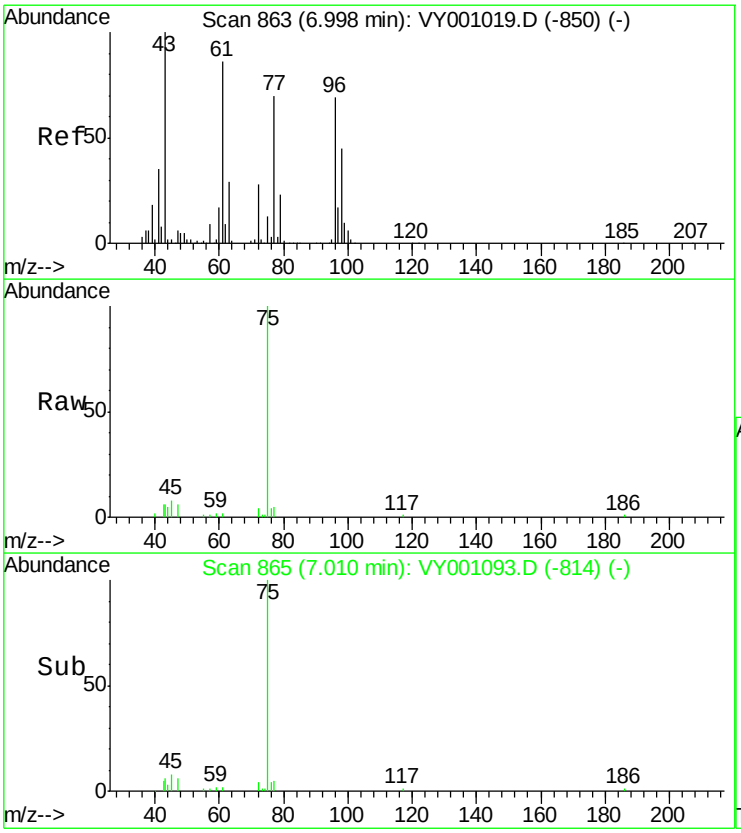
#20
Methylene Chloride
Concen: 3.689 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Instrument : MSVOA_Y
ClientSampleId : LIED-BF012-01

Tgt Ion: 84 Resp: 10589

Ion	Ratio	Lower	Upper
84	100		
49	99.7	99.8	149.6#
51	35.5	31.4	47.2
86	50.5	52.2	78.2#

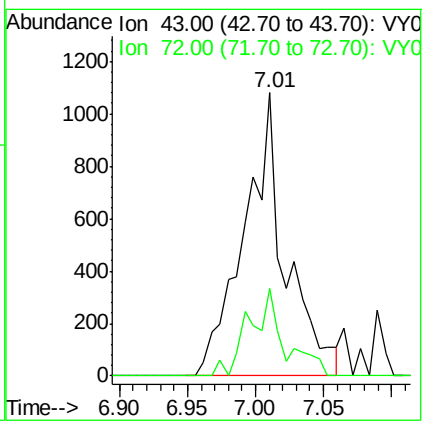


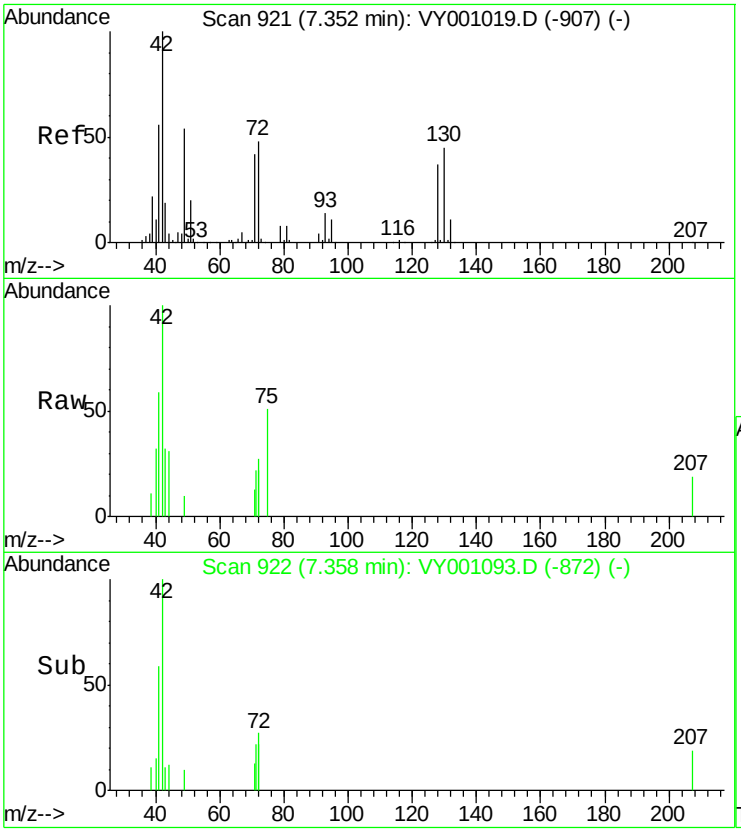


#25
2-Butanone
Concen: 2.698 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Tgt Ion: 43 Resp: 2311

Ion	Ratio	Lower	Upper
43	100		
72	31.1	22.4	33.6



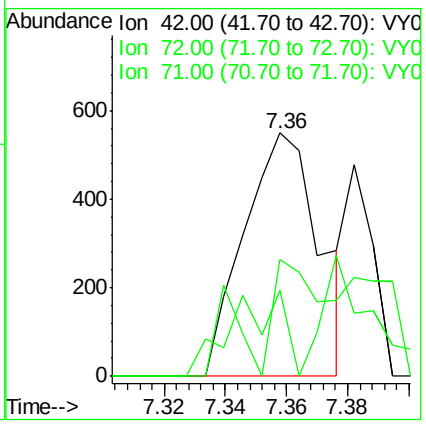


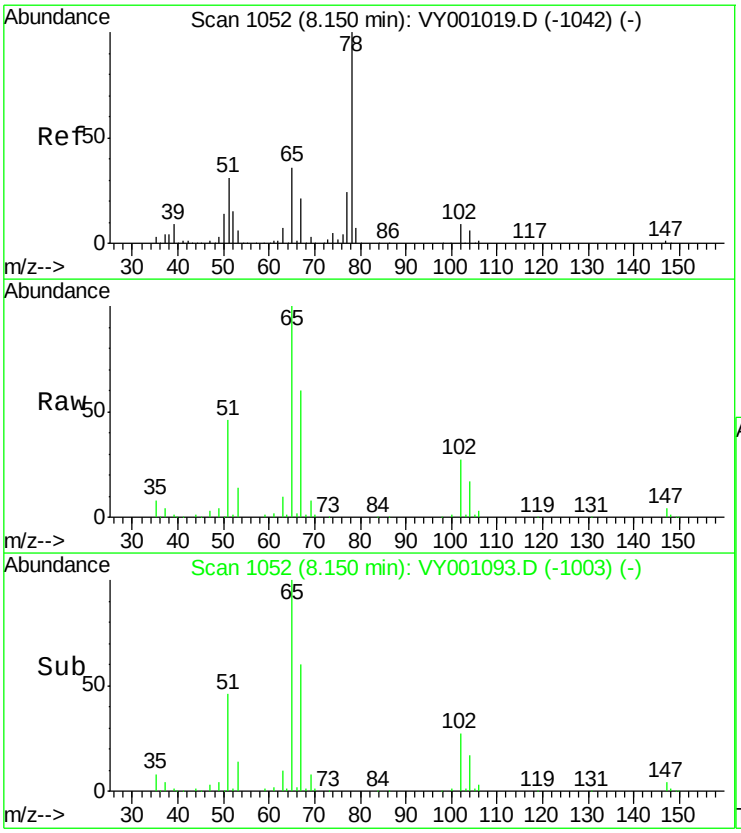
#29
Tetrahydrofuran
Concen: 1.538 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Instrument : MSVOA_Y
ClientSampleId : LIED-BF012-01

Tgt Ion: 42 Resp: 937

Ion	Ratio	Lower	Upper
42	100		
72	26.0	37.7	56.5#
71	24.1	34.6	51.8#

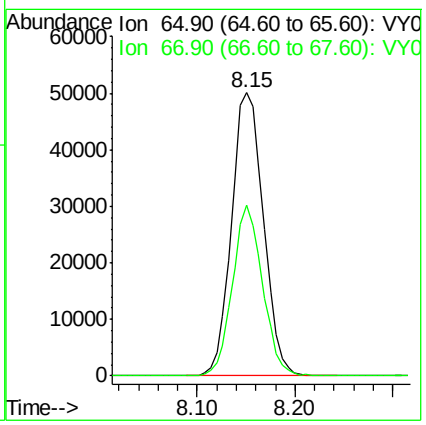


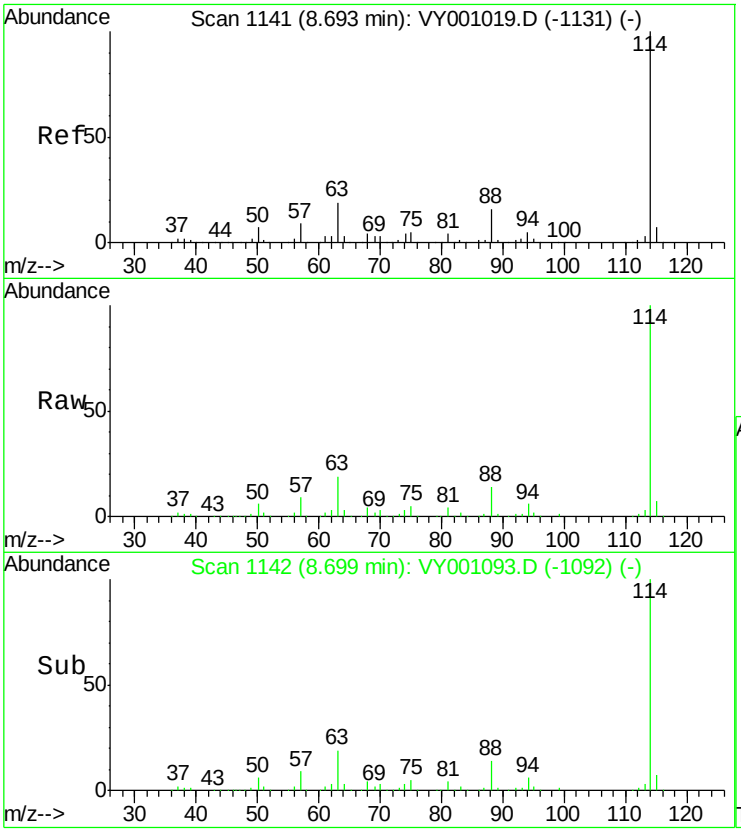


#33
1,2-Dichloroethane-d4
Concen: 53.497 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Tgt Ion: 65 Resp: 113244

Ion	Ratio	Lower	Upper
65	100		
67	56.6	0.0	112.8



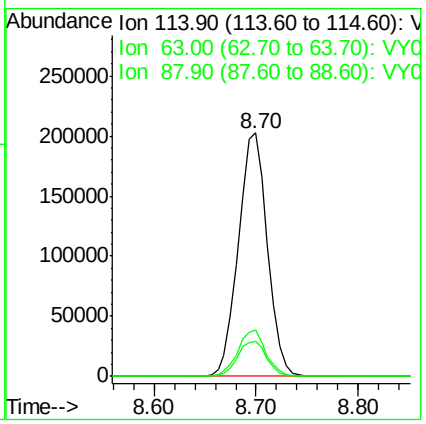


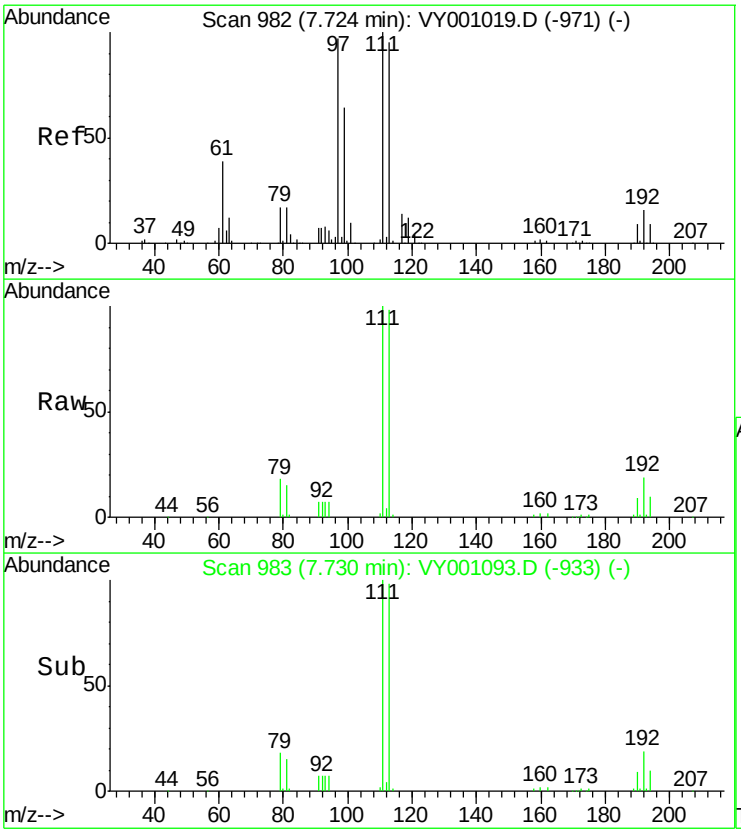
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Instrument : MSVOA_Y
ClientSampleId : LIED-BF012-01

Tgt Ion:114 Resp: 398378

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.0
88	14.5	0.0	32.0

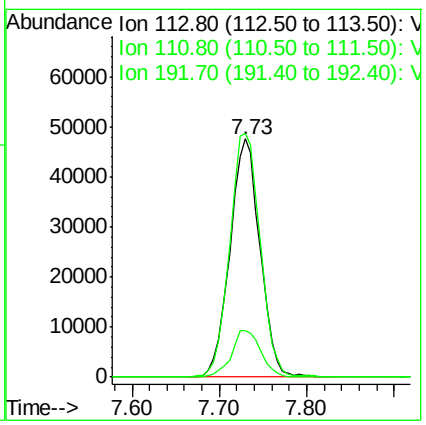


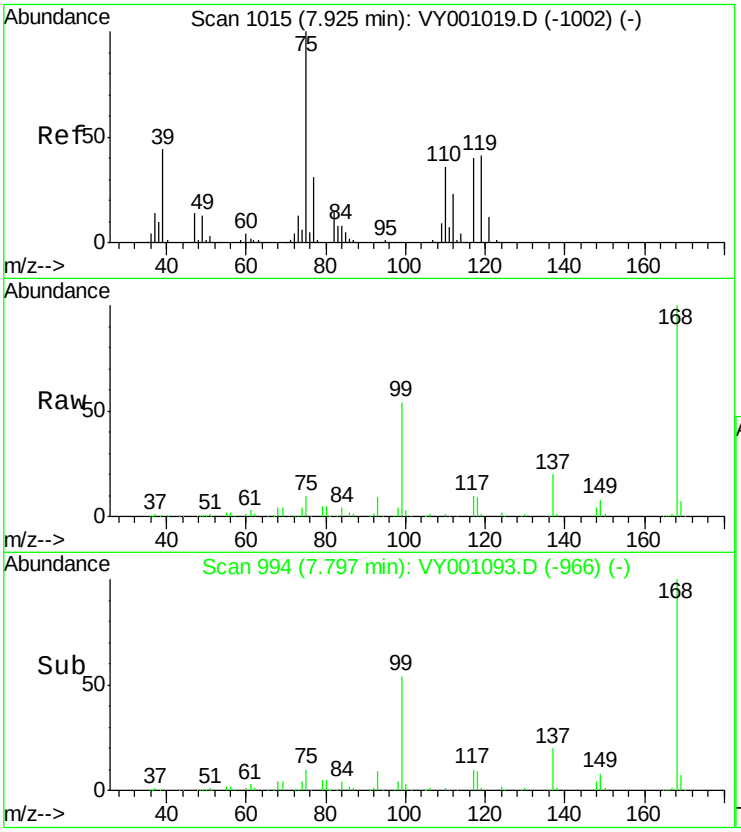


#35
Dibromofluoromethane
Concen: 48.395 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Tgt Ion:113 Resp: 113528

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.0	124.4
192	19.2	14.6	21.8



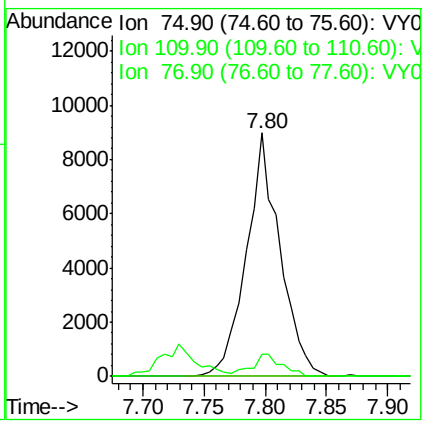


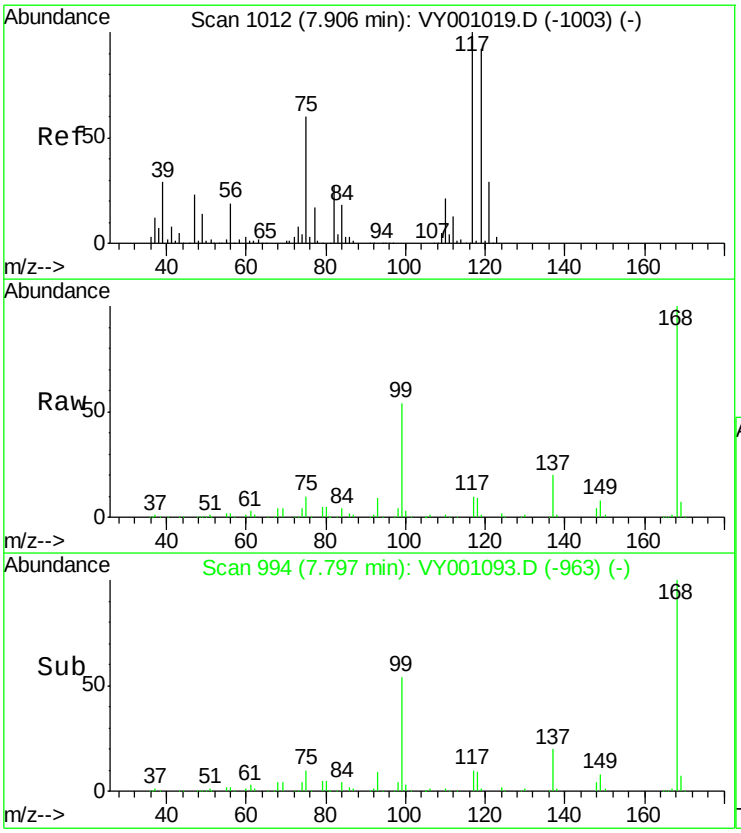
#36
1,1-Dichloropropene
Concen: 4.500 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF012-01

Tgt Ion: 75 Resp: 17102

Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.4#
77	0.0	24.6	37.0#

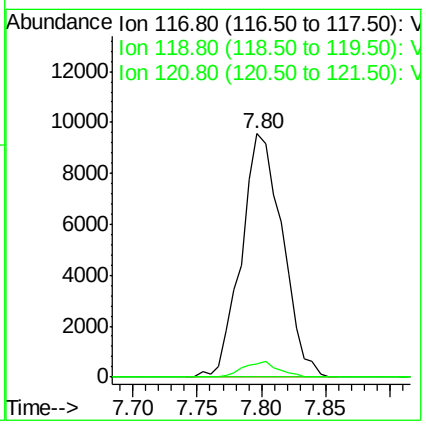


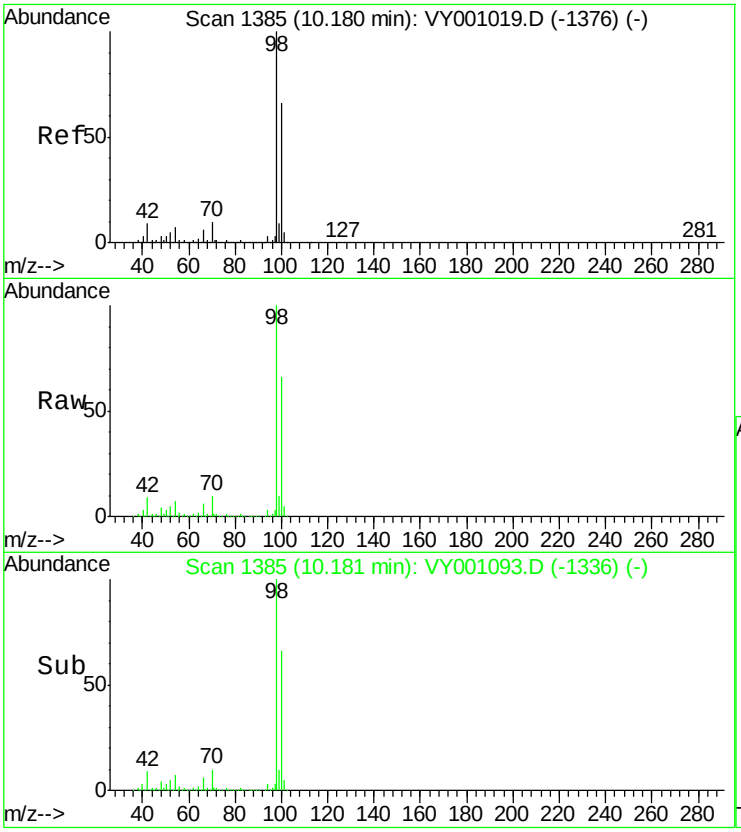


#38
Carbon Tetrachloride
Concen: 6.317 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Tgt Ion:117 Resp: 21033

Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.2	111.2#
121	0.0	22.9	34.3#



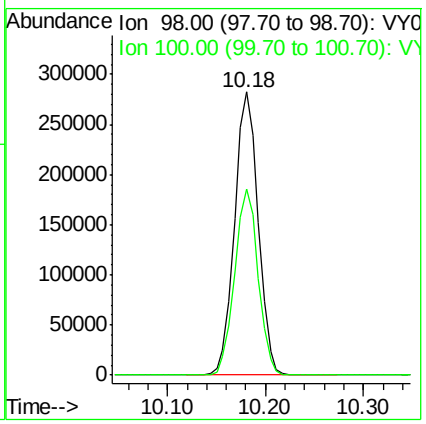


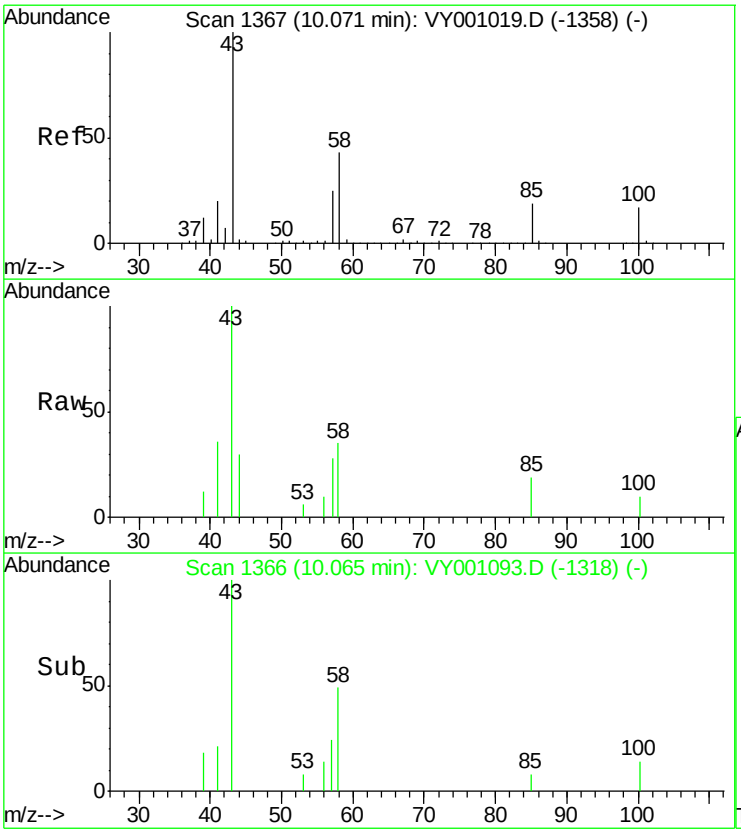
#50
Toluene-d8
Concen: 51.417 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF012-01

Tgt Ion: 98 Resp: 471376

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.4

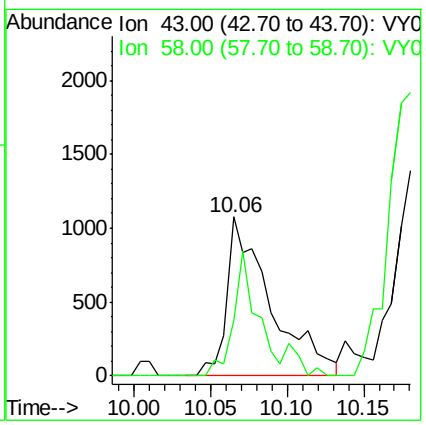


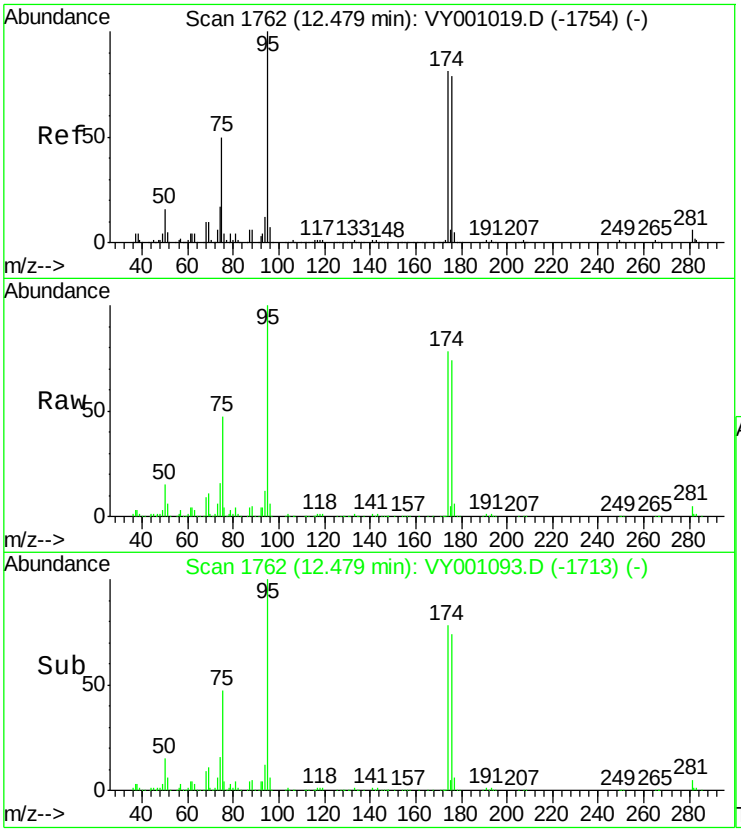


#51
4-Methyl-2-Pentanone
Concen: 1.053 ug/l
RT: 10.06 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Tgt Ion: 43 Resp: 2139

Ion	Ratio	Lower	Upper
43	100		
58	42.3	34.6	52.0



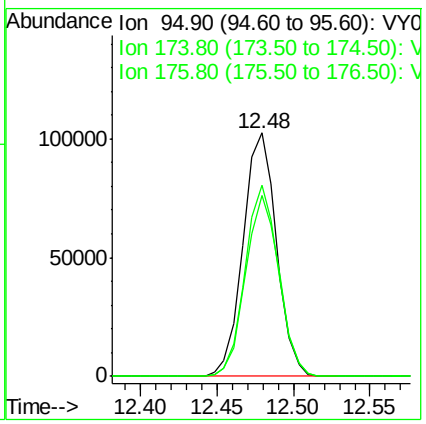


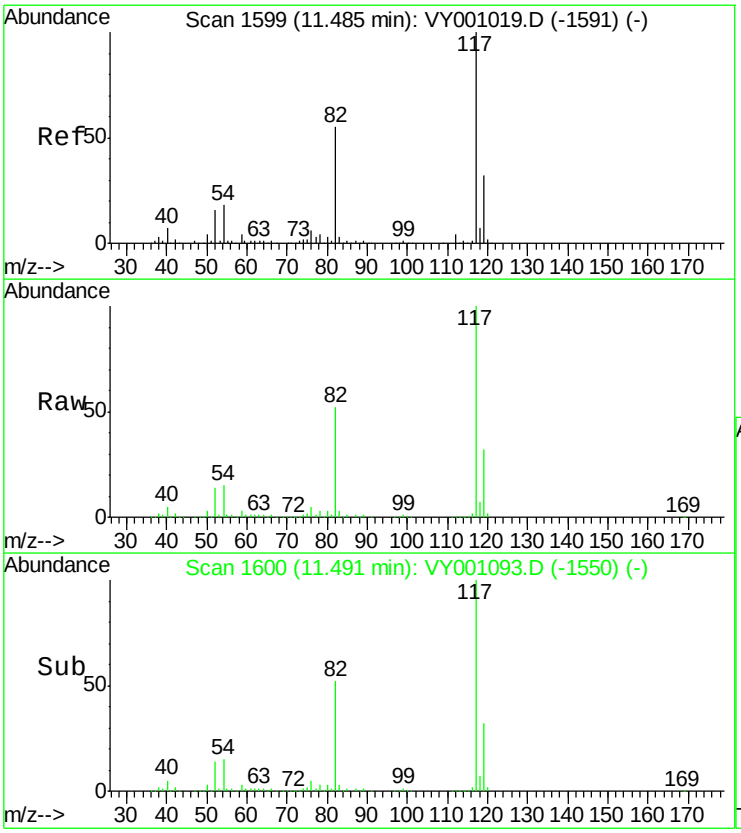
#62
4-Bromofluorobenzene
Concen: 46.501 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF012-01

Tgt Ion: 95 Resp: 155863

Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	156.4
176	75.0	0.0	155.0

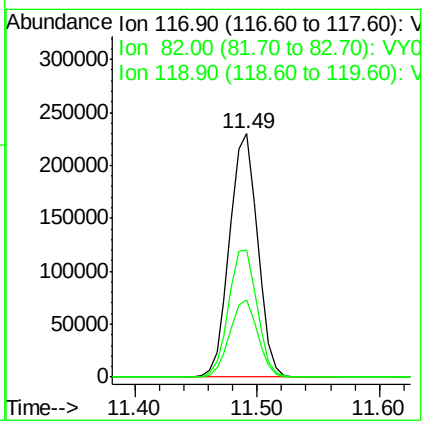


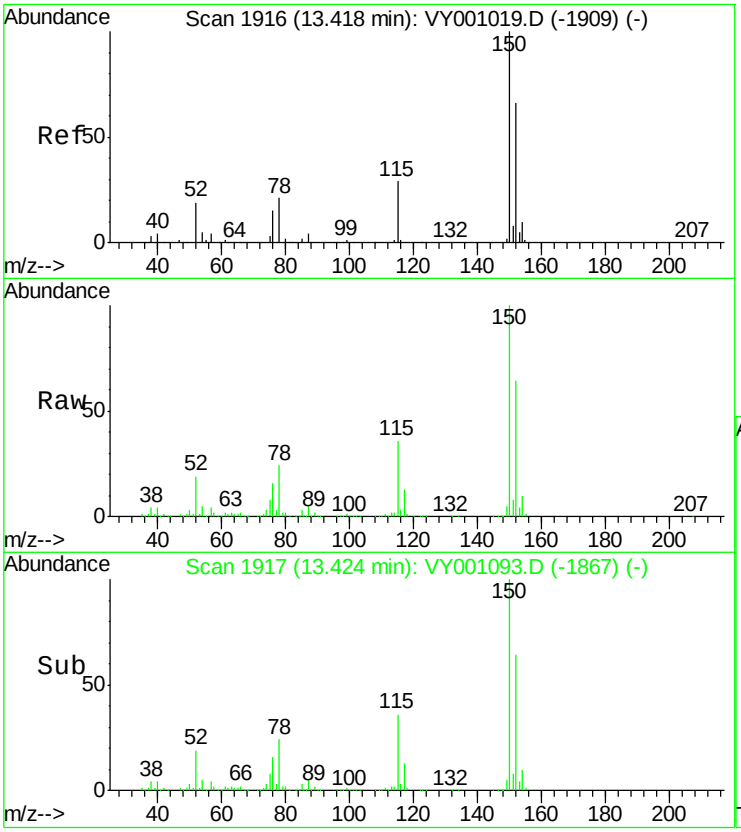


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Tgt Ion:117 Resp: 363464

Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.8	65.8
119	31.9	25.8	38.6



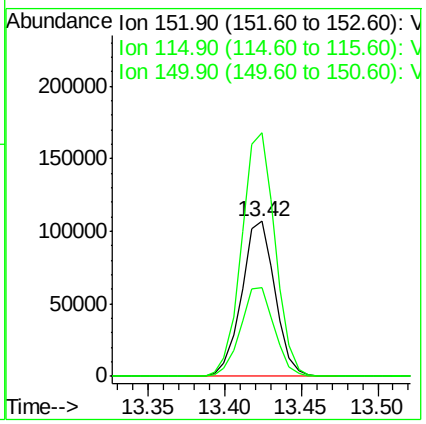


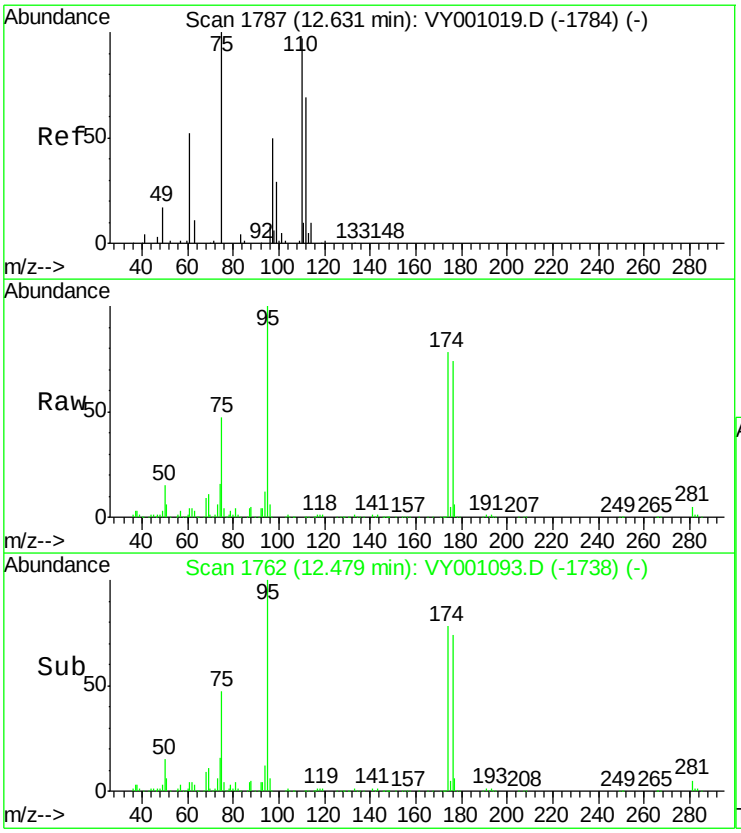
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Instrument : MSVOA_Y
ClientSampleId : LIED-BF012-01

Tgt Ion:152 Resp: 161074

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.8	89.3
150	157.9	0.0	352.6

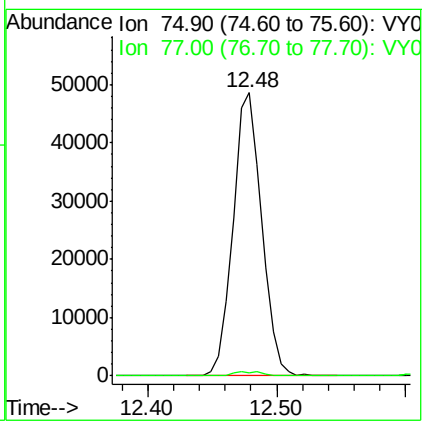


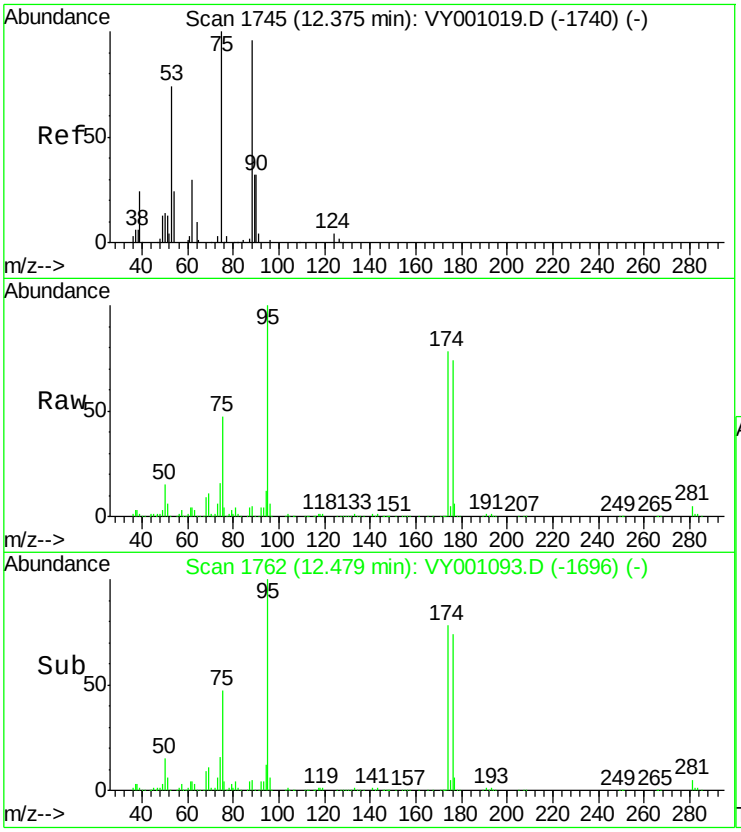


#76
1,2,3-Trichloropropane
Concen: 37.676 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Tgt Ion: 75 Resp: 74814

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.354 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY001093.D
Acq: 27 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF012-01

Tgt Ion: 75 Resp: 74814

Ion	Ratio	Lower	Upper
75	100		
53	0.0	60.6	91.0#
89	0.2	35.4	53.0#