Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101719\
Data File : VY000339.D
Acq On : 17 Oct 2019 12:25
Operator : SY/MD
Sample : K5401-01
Misc : 5.70G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 17 17:59:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	283743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	485150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	183609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	159458	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.56%			
35) Dibromofluoromethane	7.74	113	138840	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.88%			
50) Toluene-d8	10.19	98	551843	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.04%			
62) 4-Bromofluorobenzene	12.49	95	181862	42.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	151	Below Cal	#	41
3) Chloromethane	2.12	50	3732	1.076	ug/l	94
10) Methyl Iodide	4.10	142	35	1.194	ug/l #	1
11) Tert butyl alcohol	4.97	59	368	1.175	ug/l #	73
16) Acetone	3.96	43	1466	1.512	ug/l #	88
20) Methylene Chloride	4.72	84	12775	Below Cal		89
31) Cyclohexane	7.81	56	5901	1.031	ug/l #	34
36) 1,1-Dichloropropene	7.80	75	22283	4.691	ug/l #	49
38) Carbon Tetrachloride	7.80	117	28384	6.172	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	96953	42.942	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	96953	93.956	ug/l #	14

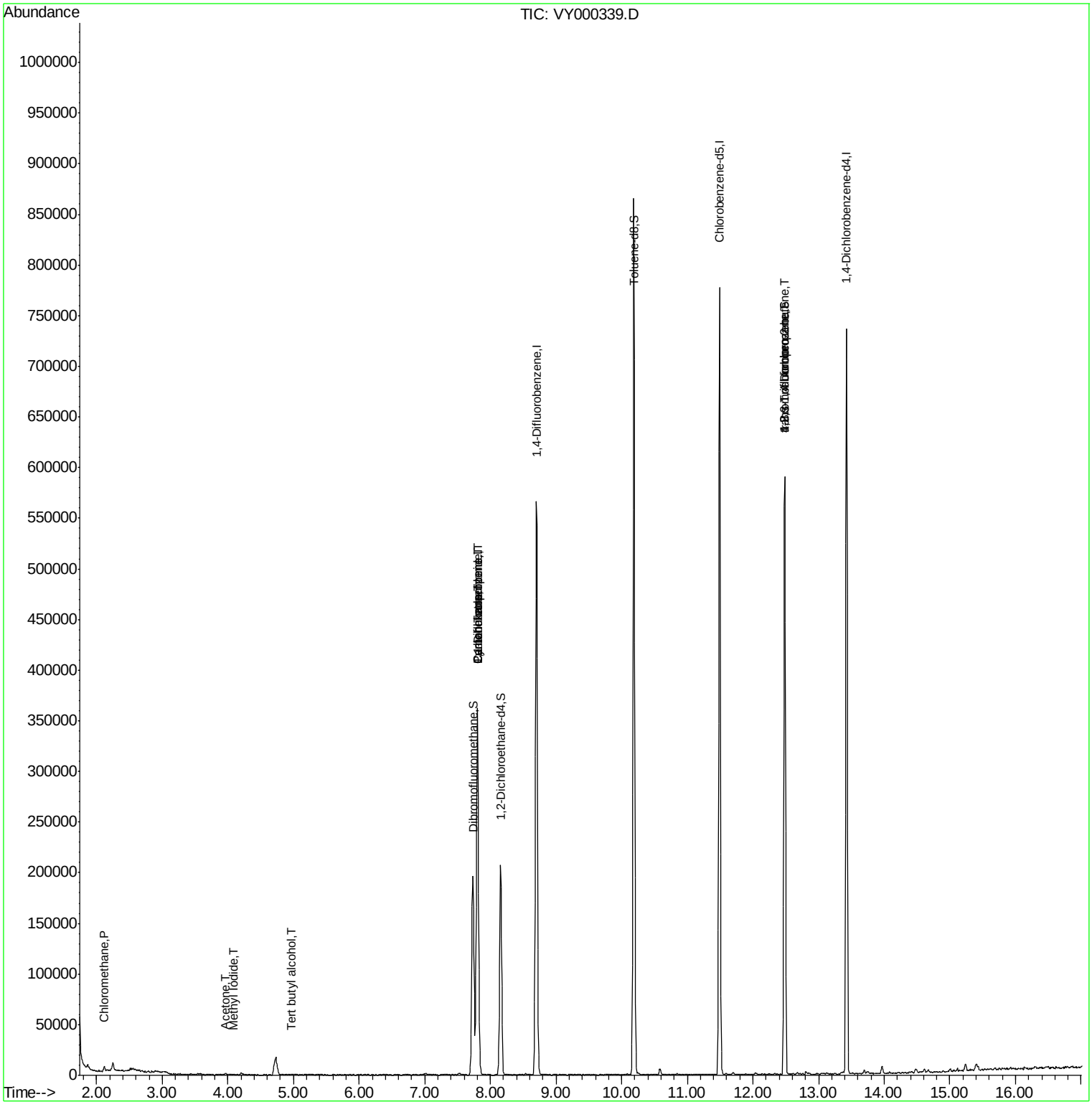
(#) = qualifier out of range (m) = manual integration (+) = signals summed

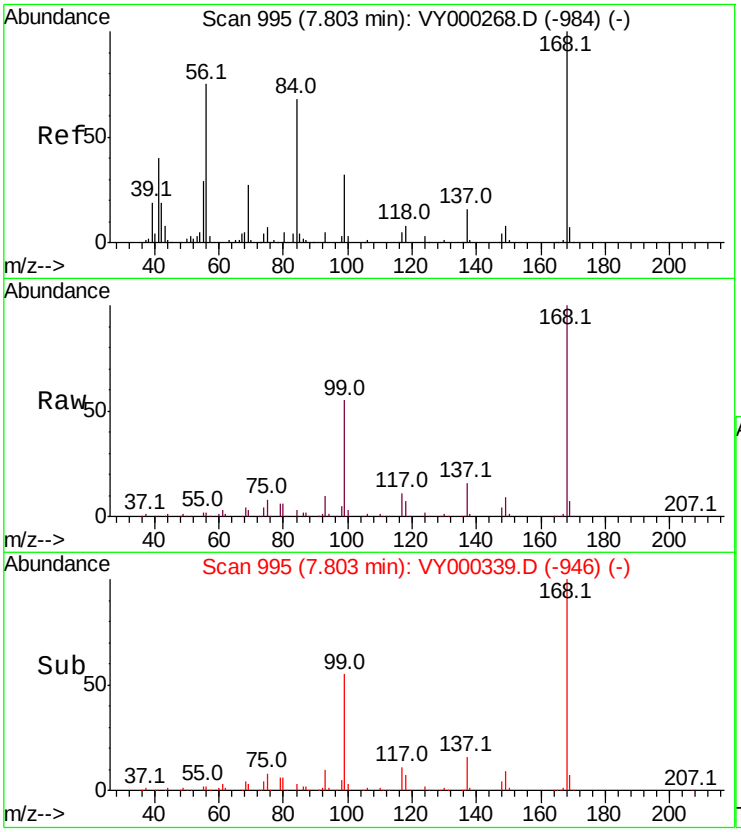
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101719\
Data File : VY000339.D
Acq On : 17 Oct 2019 12:25
Operator : SY/MD
Sample : K5401-01
Misc : 5.70G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 17 17:59:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration



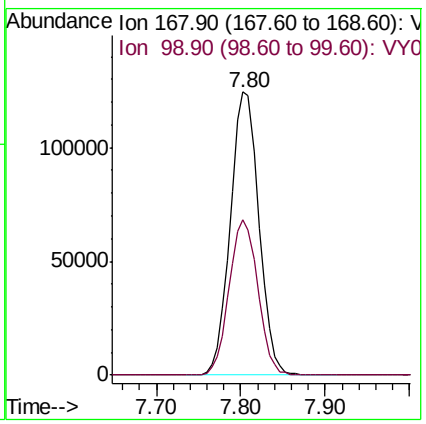


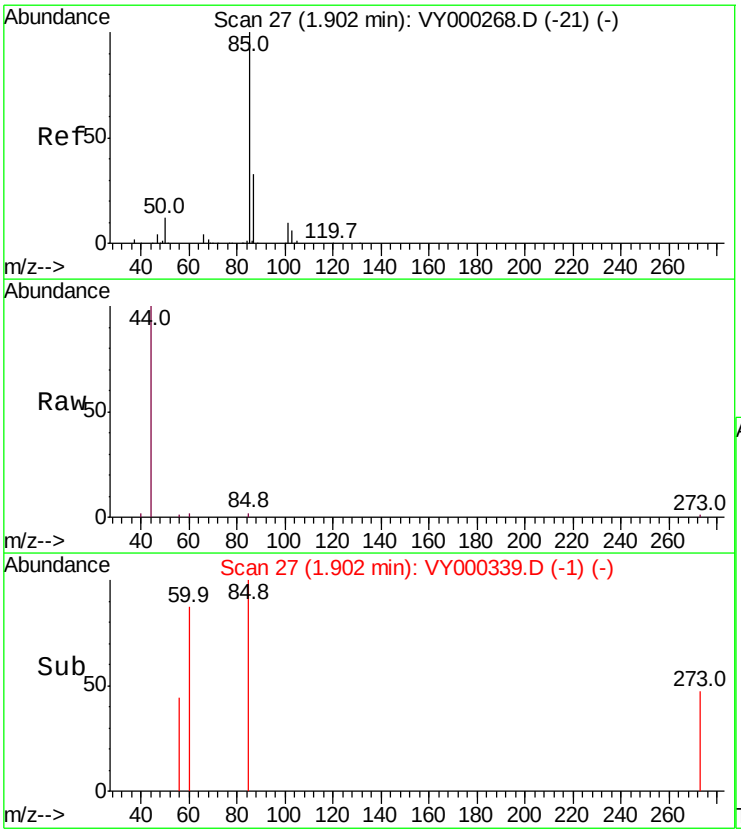
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 283743

Ion	Ratio	Lower	Upper
168	100		
99	55.1	46.6	69.8

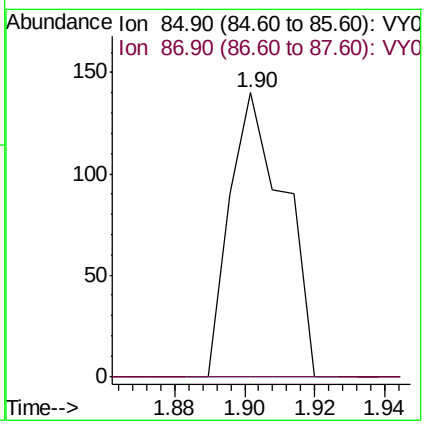


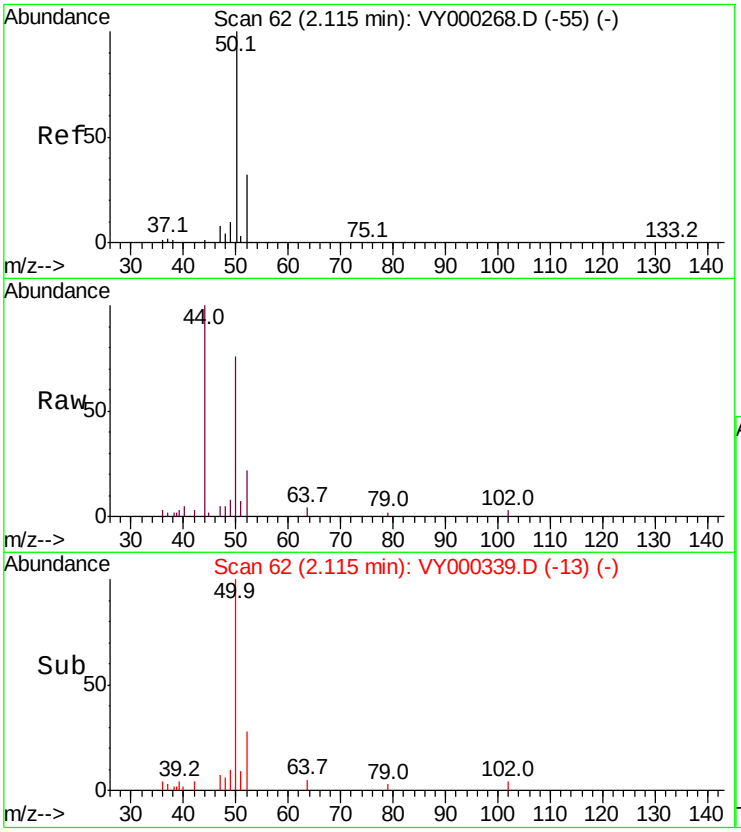


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Tgt Ion: 85 Resp: 151

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



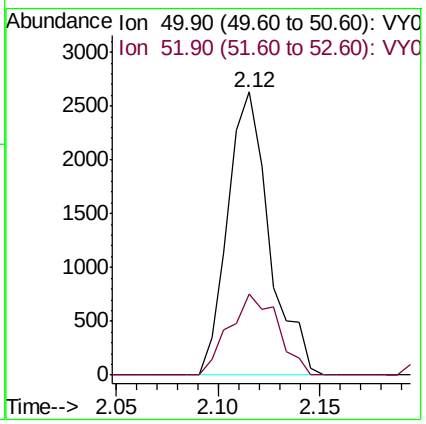


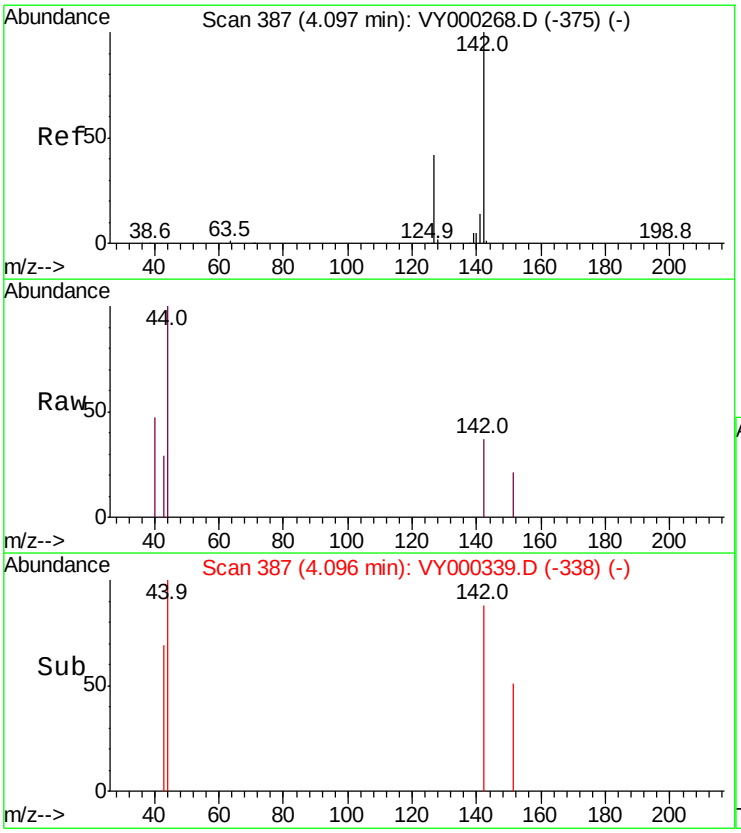
#3
Chloromethane
Concen: 1.076 ug/l
RT: 2.12 min Scan# 62
Delta R.T. -0.00 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 3732

Ion	Ratio	Lower	Upper
50	100		
52	28.5	25.3	37.9

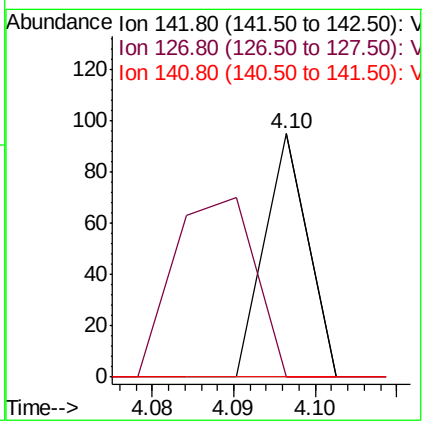


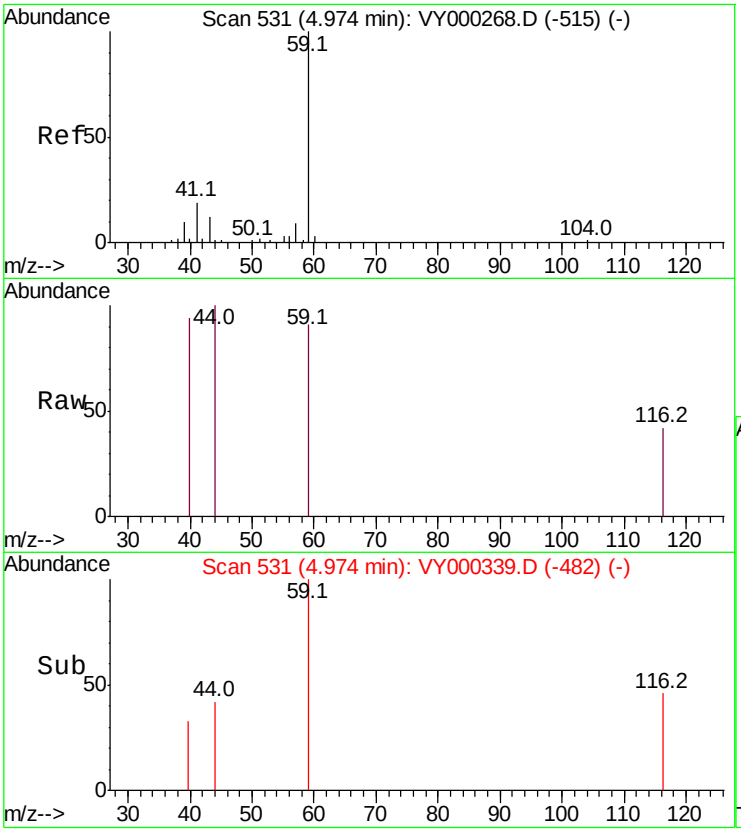


#10
Methyl Iodide
Concen: 1.194 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Tgt Ion:142 Resp: 35

Ion	Ratio	Lower	Upper
142	100		
127	140.0	33.9	50.9#
141	0.0	11.2	16.8#



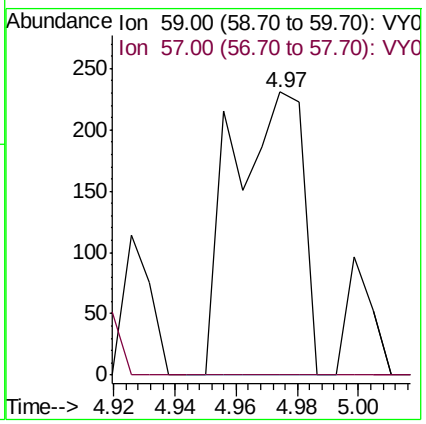


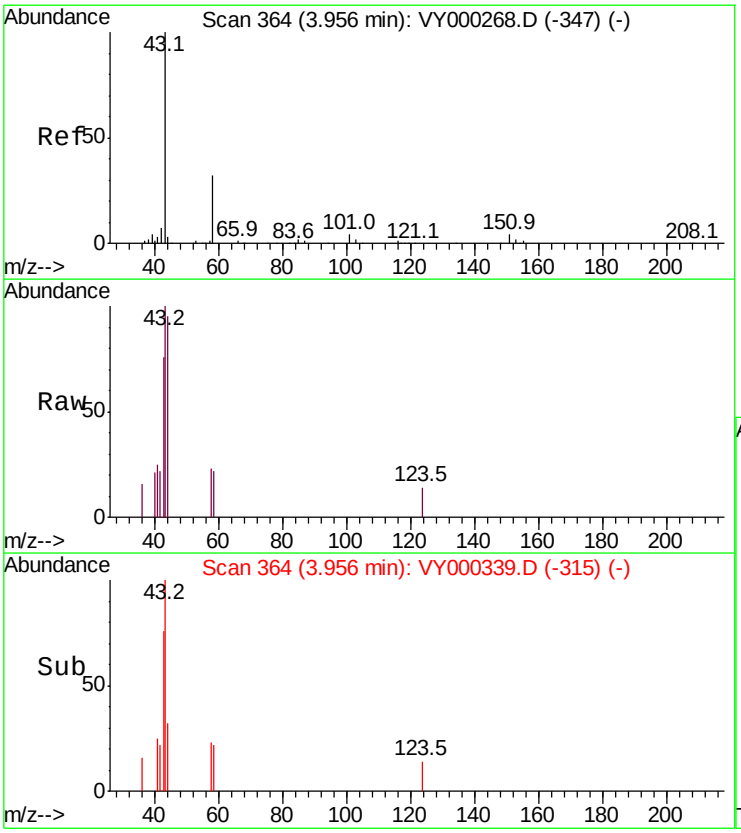
#11
Tert butyl alcohol
Concen: 1.175 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 368

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

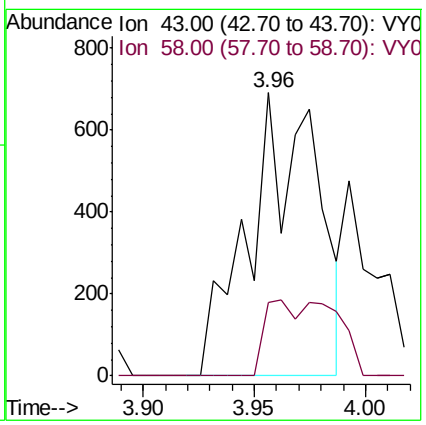


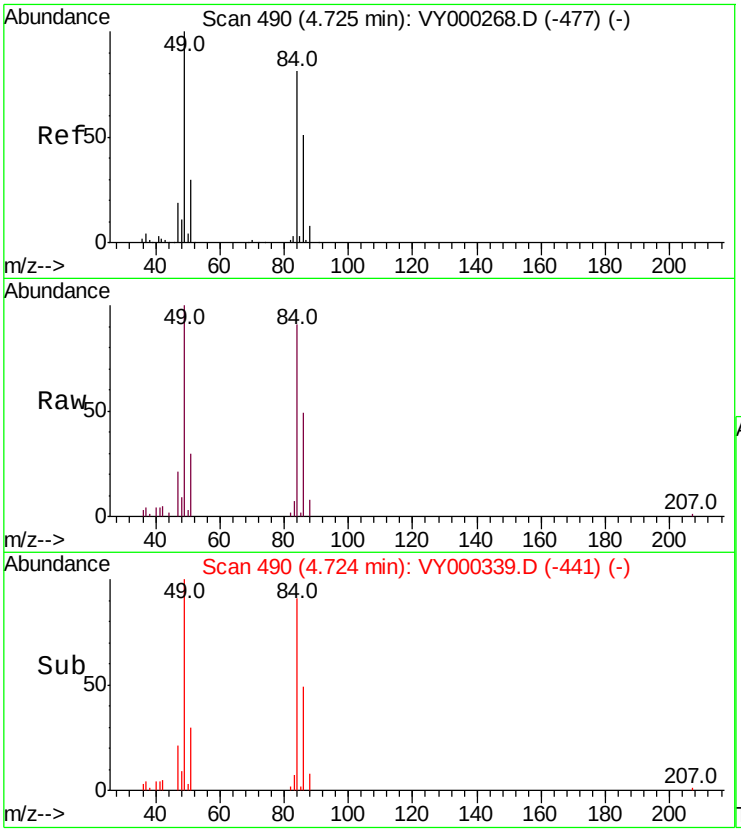


#16
Acetone
Concen: 1.512 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Tgt Ion: 43 Resp: 1466

Ion	Ratio	Lower	Upper
43	100		
58	25.8	25.8	38.6#



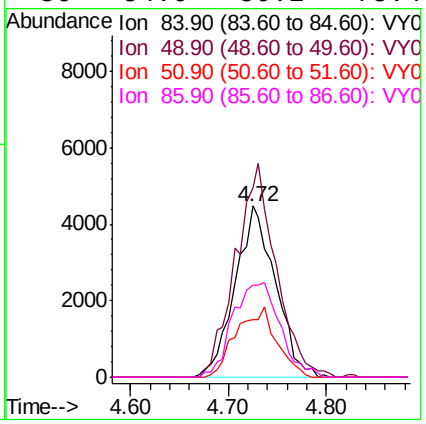


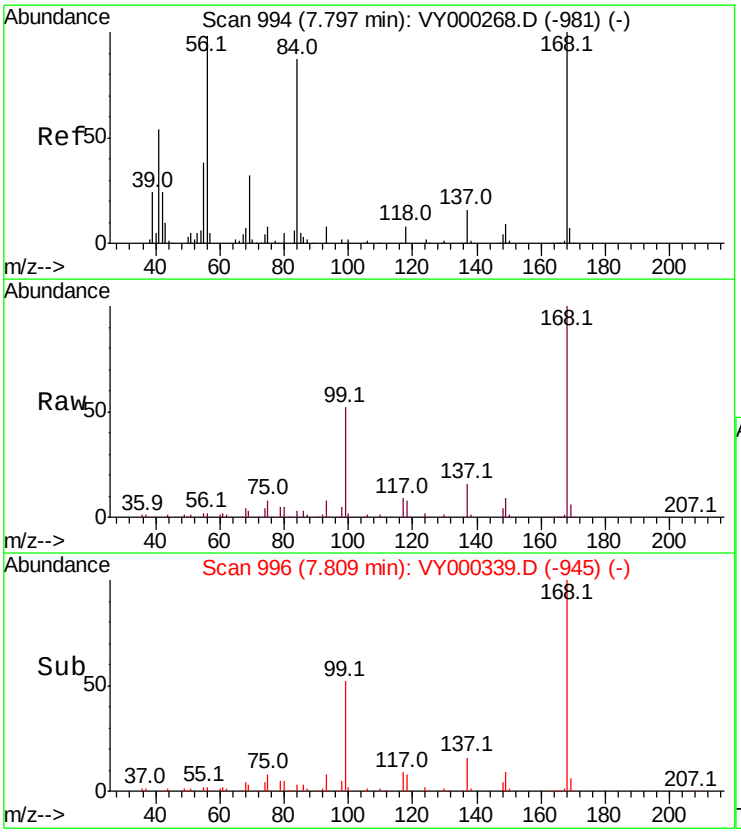
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 12775

Ion	Ratio	Lower	Upper
84	100		
49	110.4	99.0	148.4
51	33.4	29.3	43.9
86	54.0	50.2	75.4

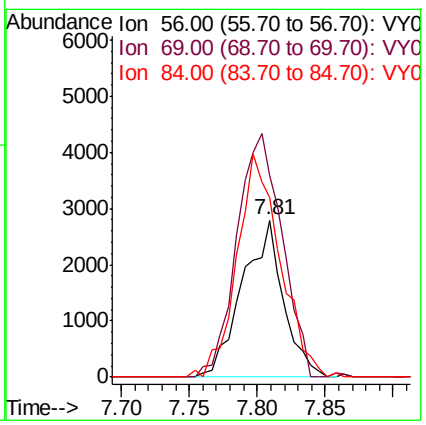


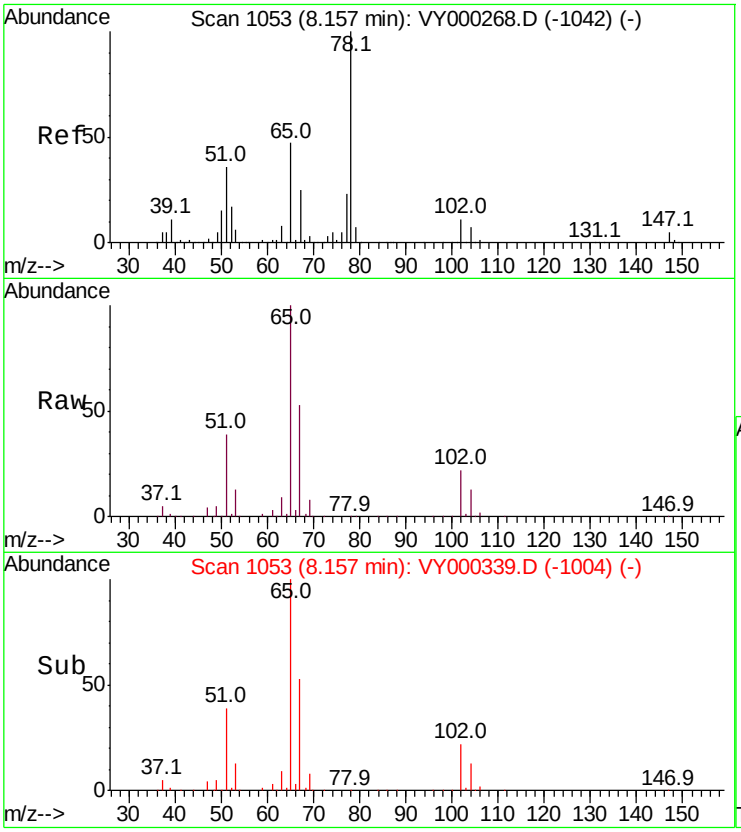


#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Tgt Ion: 56 Resp: 5901

Ion	Ratio	Lower	Upper
56	100		
69	128.0	26.3	39.5#
84	114.2	70.8	106.2#



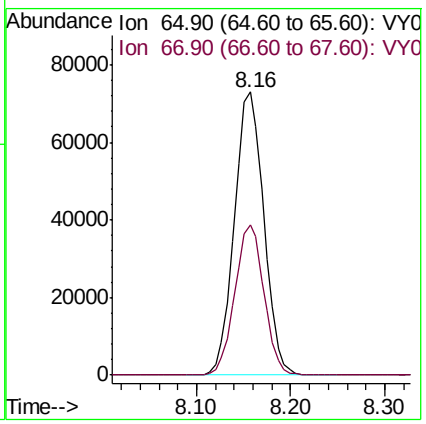


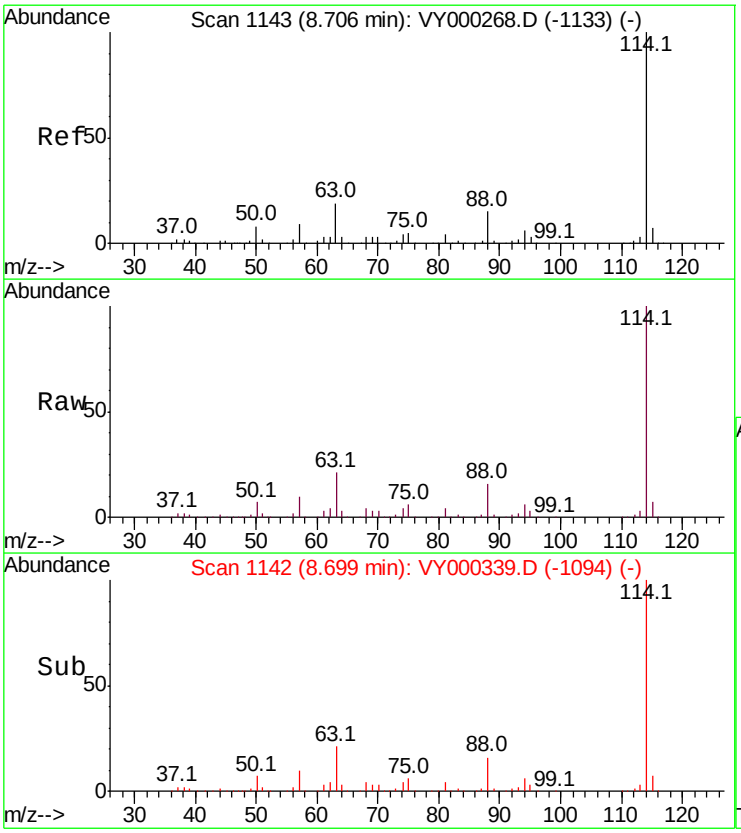
#33
1,2-Dichloroethane-d4
Concen: 53.276 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 159458

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	109.4

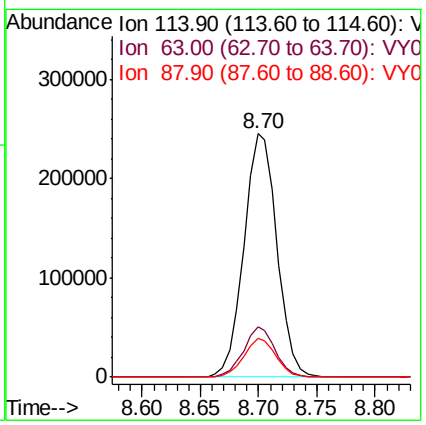


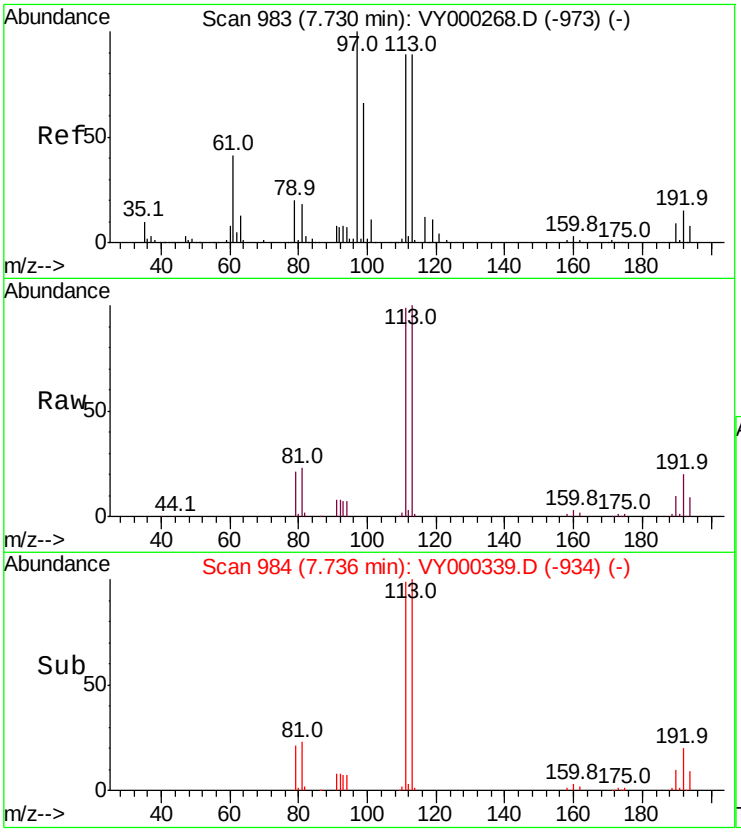


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Tgt Ion:114 Resp: 485150

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	37.2
88	16.0	0.0	30.2



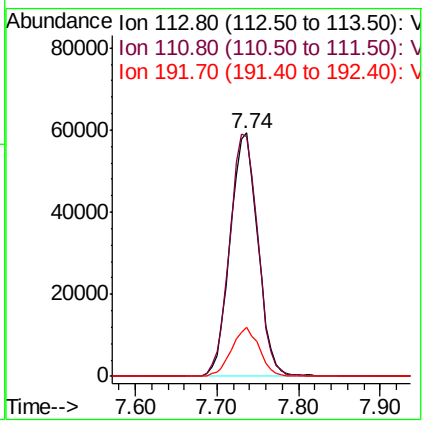


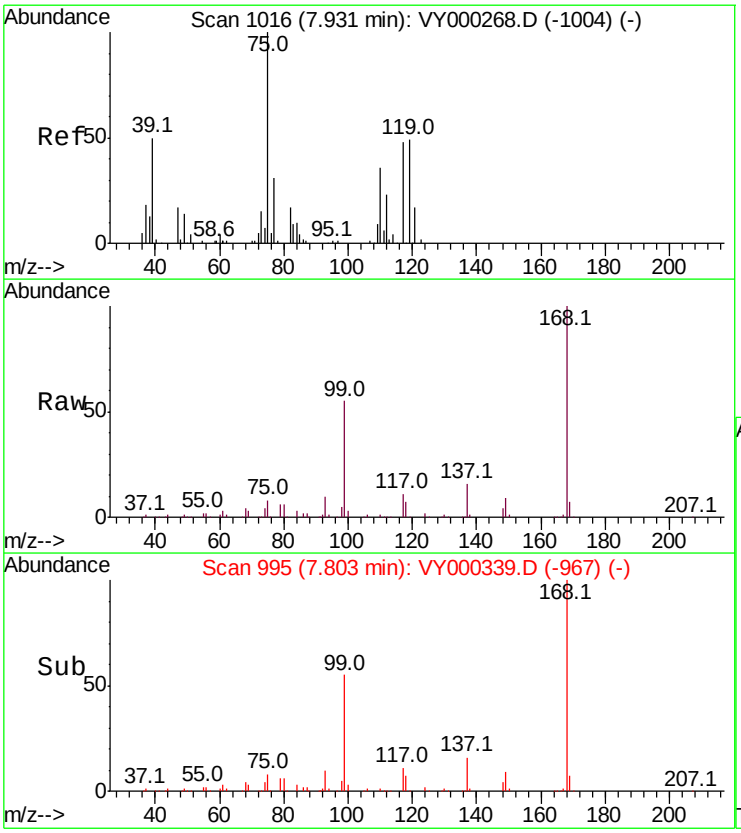
#35
Dibromofluoromethane
Concen: 47.443 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 138840

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.6	122.4
192	19.9	15.3	22.9

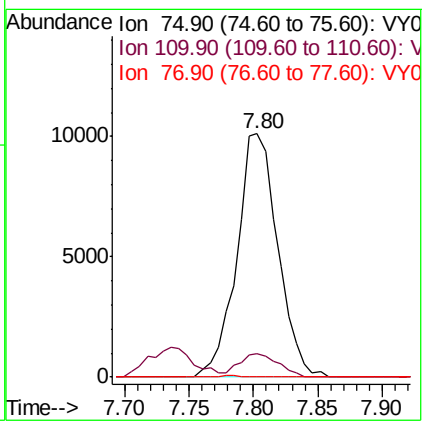


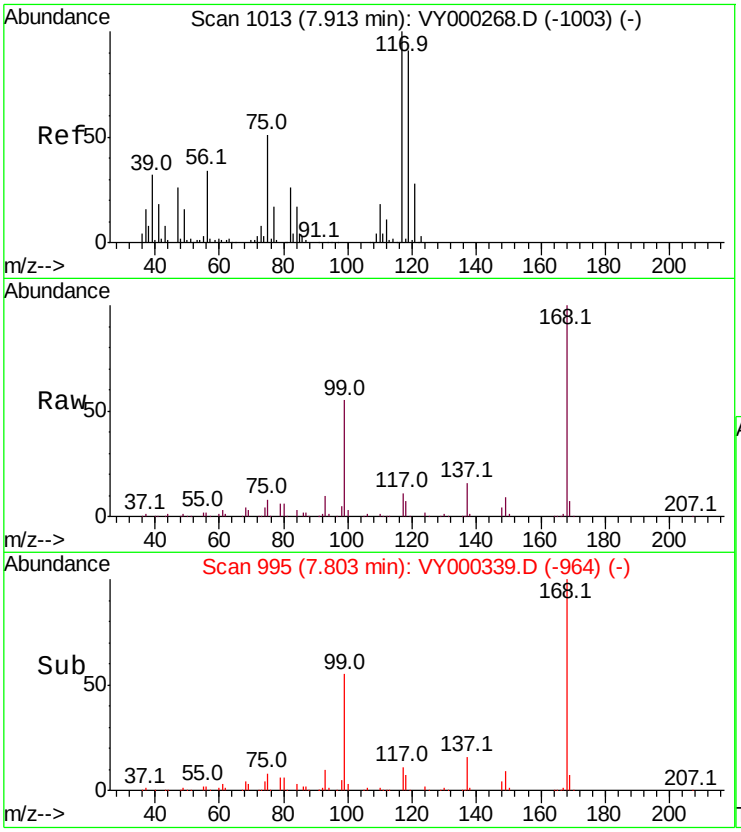


#36
1,1-Dichloropropene
Concen: 4.691 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Tgt Ion: 75 Resp: 22283

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.4	55.4#
77	0.0	25.0	37.6#



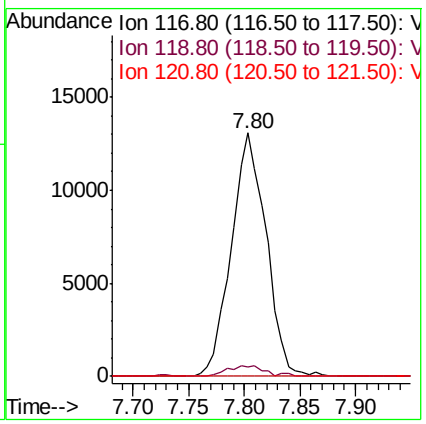


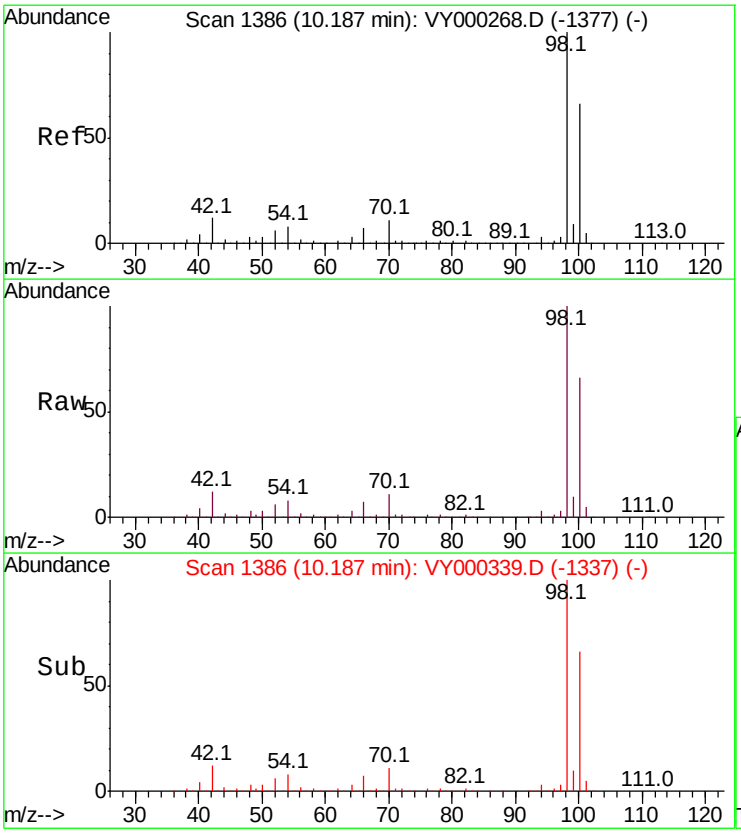
#38
Carbon Tetrachloride
Concen: 6.172 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 28384

Ion	Ratio	Lower	Upper
117	100		
119	3.8	72.8	109.2#
121	0.0	22.2	33.2#

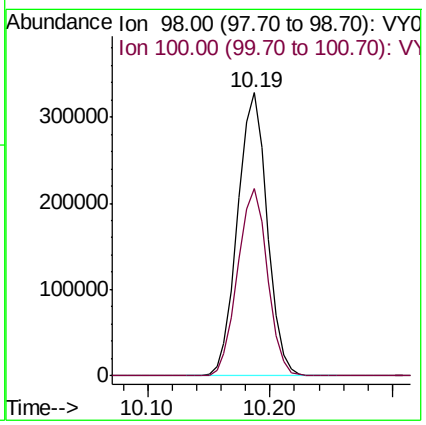


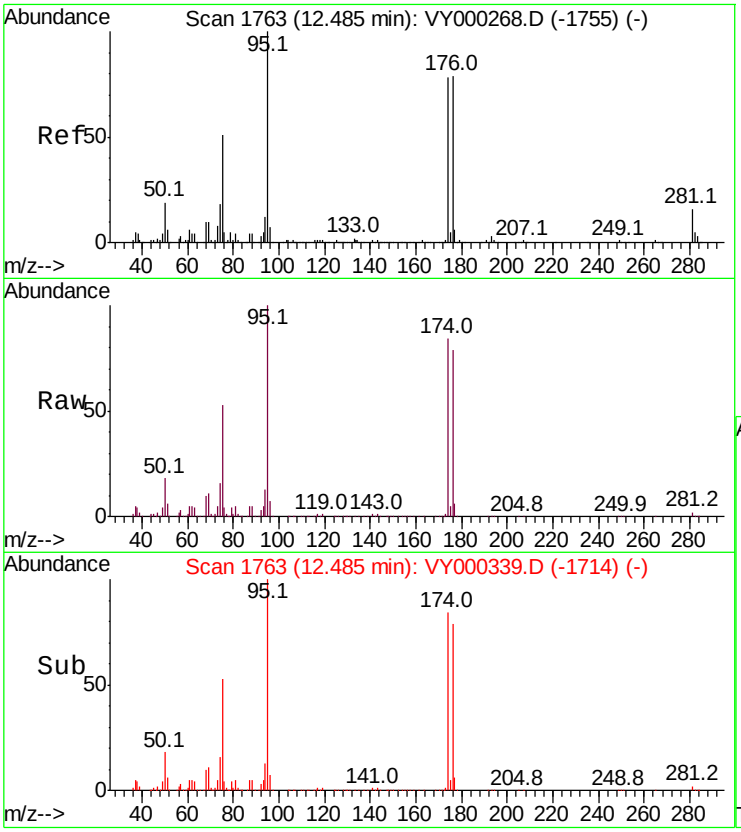


#50
Toluene-d8
Concen: 49.021 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Tgt Ion: 98 Resp: 551843

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.8	79.2



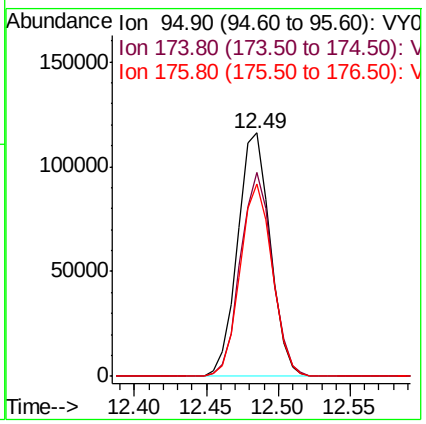


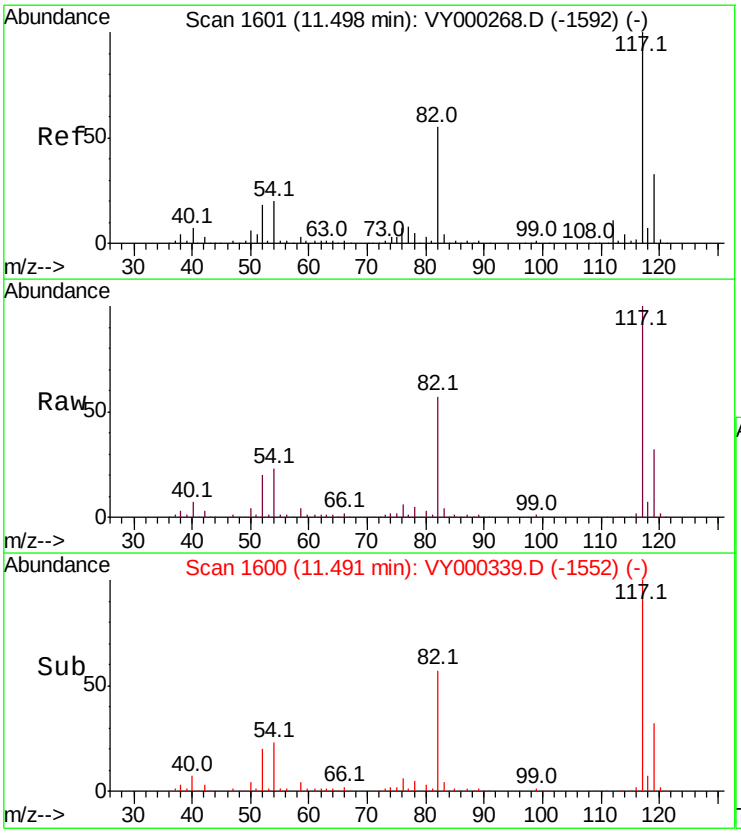
#62
4-Bromofluorobenzene
Concen: 42.523 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 181862

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	159.6
176	77.9	0.0	153.8

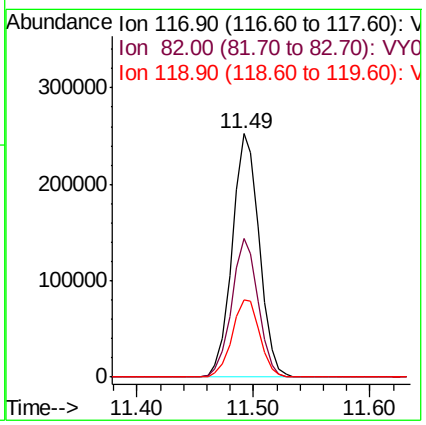


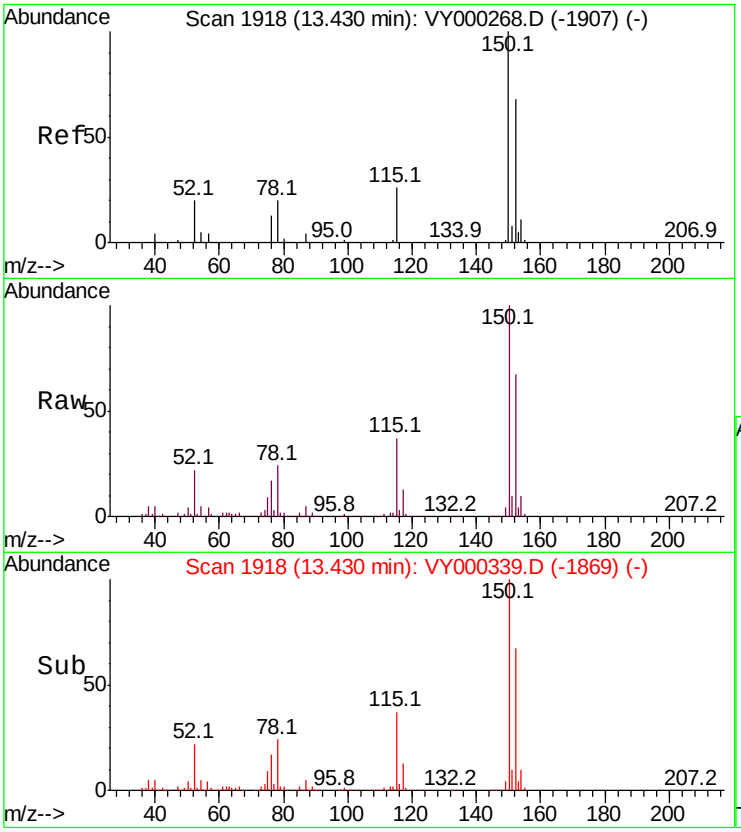


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Tgt Ion:117 Resp: 408269

Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.7	65.5
119	31.9	26.6	39.8



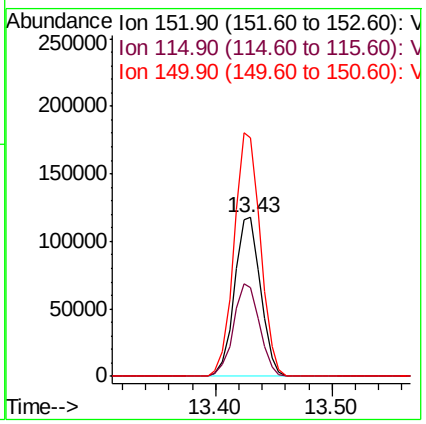


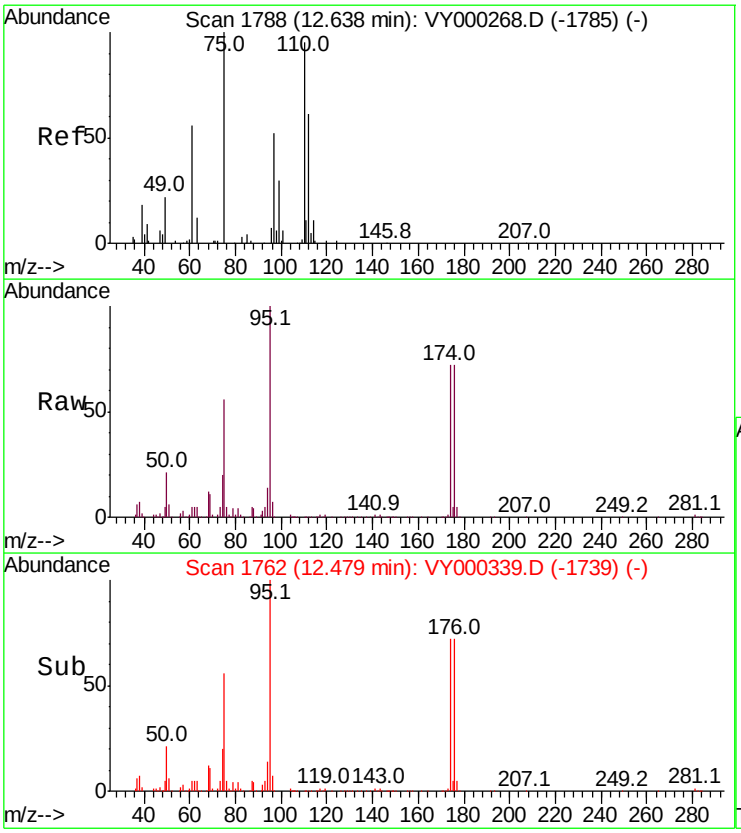
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 183609

Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.3	88.0
150	154.4	0.0	348.4

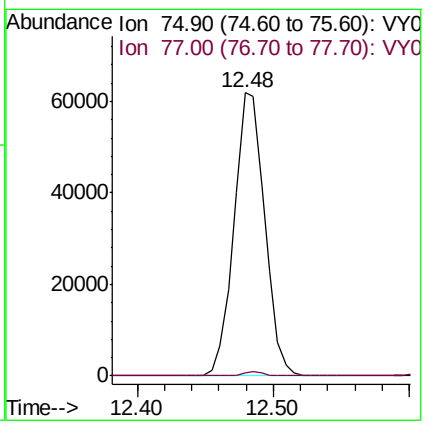


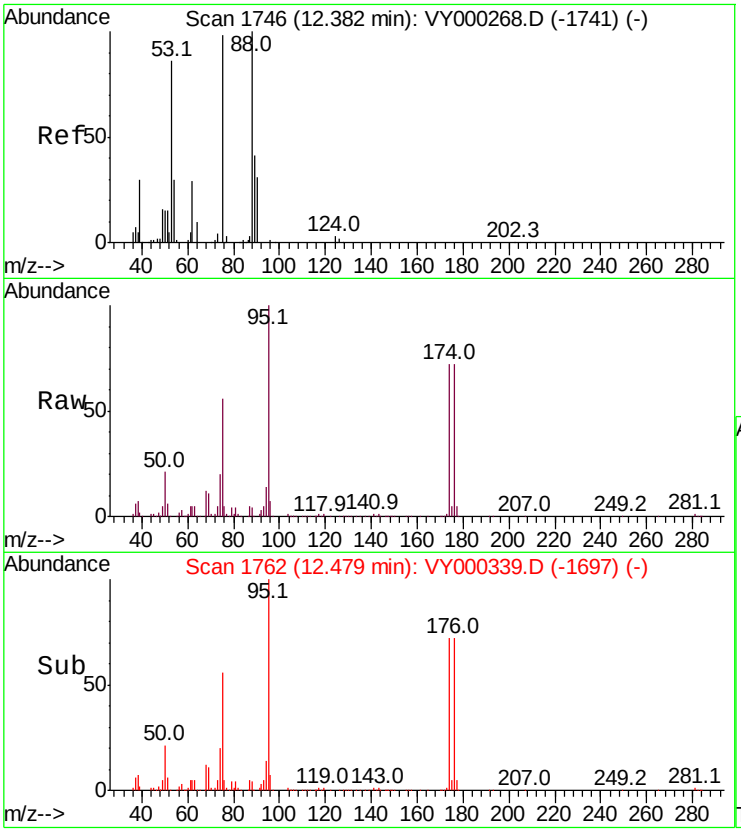


#76
1,2,3-Trichloropropane
Concen: 42.942 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Tgt Ion: 75 Resp: 96953

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.956 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000339.D
Acq: 17 Oct 2019 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 96953

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.1	35.1	52.7#