Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102419\
Data File : VY000411.D
Acq On : 24 Oct 2019 15:49
Operator : SY/MD
Sample : K5499-12
Misc : 6.91G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 25 06:40:23 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	223537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	381513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	318855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	130772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	126894	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.64%			
35) Dibromofluoromethane	7.73	113	109180	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.88%			
50) Toluene-d8	10.18	98	437388	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.82%			
62) 4-Bromofluorobenzene	12.48	95	134160	39.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	77	Below Cal	#	41
10) Methyl Iodide	4.10	142	100	1.216	ug/l #	41
11) Tert butyl alcohol	4.96	59	413	1.674	ug/l #	73
16) Acetone	3.96	43	1126	1.475	ug/l	89
20) Methylene Chloride	4.72	84	3816	Below Cal	#	95
31) Cyclohexane	7.79	56	5228	1.159	ug/l #	59
36) 1,1-Dichloropropene	7.80	75	16748	4.484	ug/l #	50
38) Carbon Tetrachloride	7.80	117	21199	5.862	ug/l #	18
59) 2-Hexanone	10.83	43	2184	1.435	ug/l	97
76) 1,2,3-Trichloropropane	12.48	75	71497	44.462	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	71497	97.281	ug/l #	14

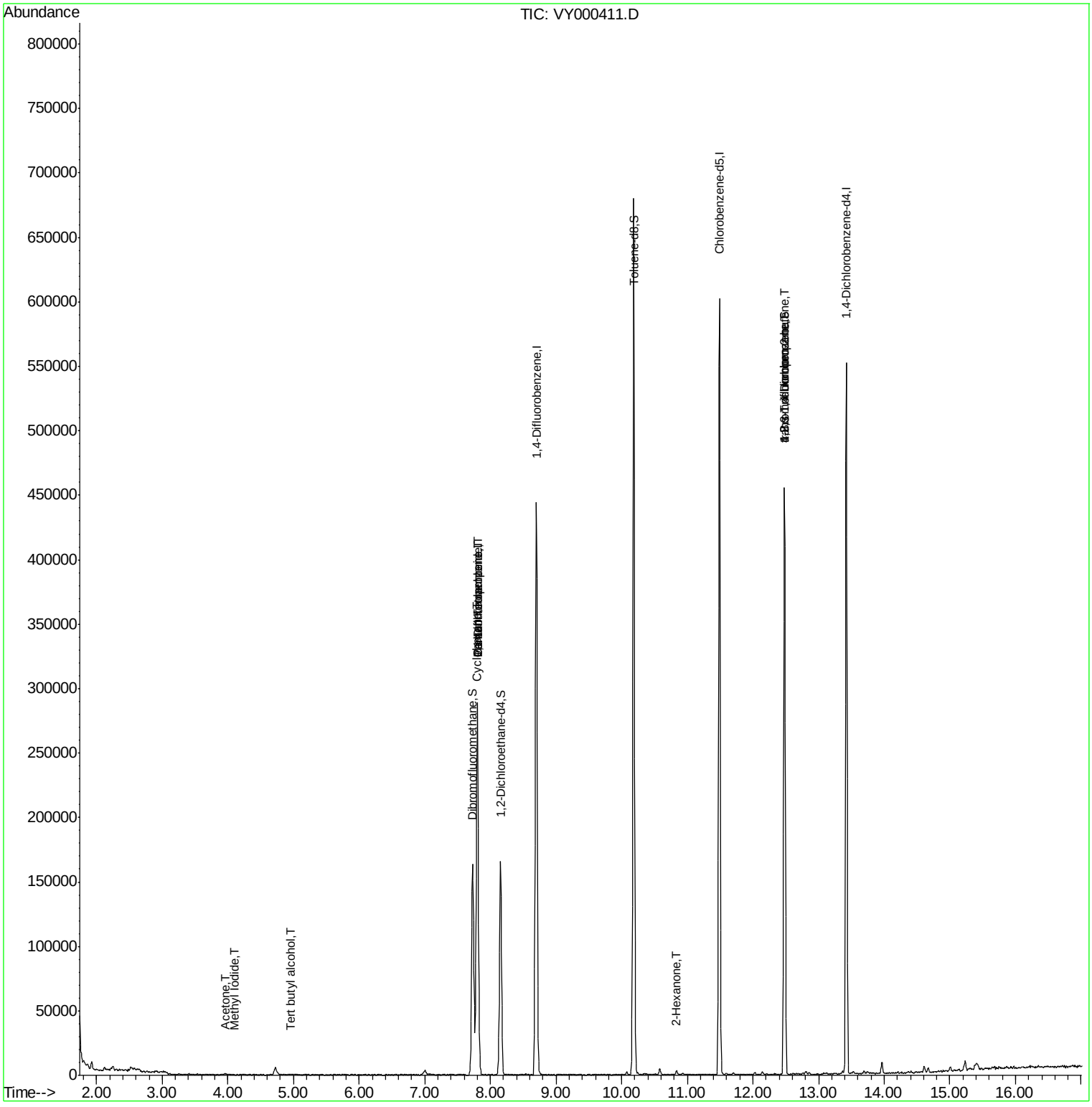
(#) = qualifier out of range (m) = manual integration (+) = signals summed

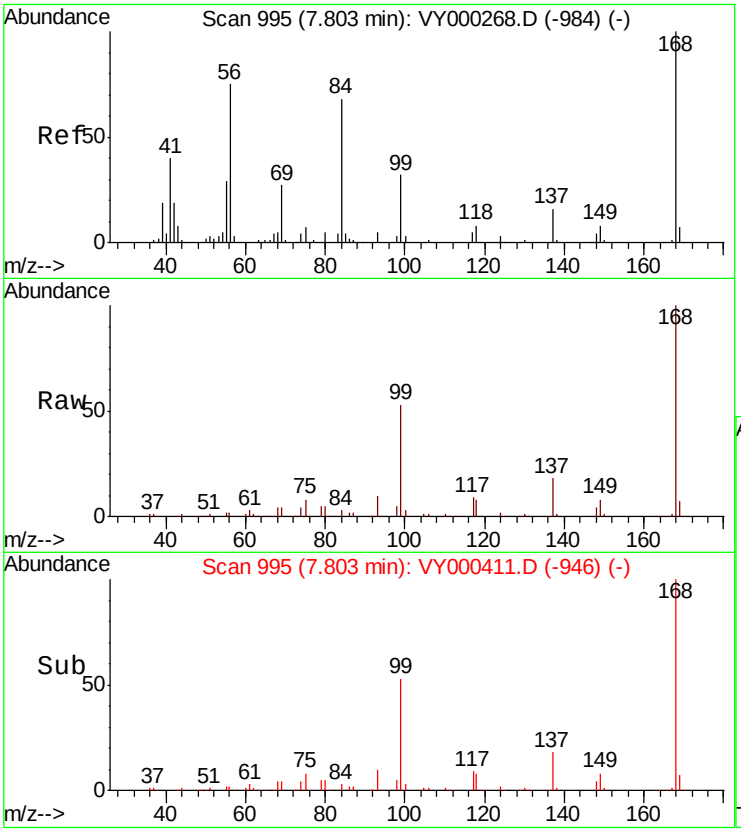
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102419\
Data File : VY000411.D
Acq On : 24 Oct 2019 15:49
Operator : SY/MD
Sample : K5499-12
Misc : 6.91G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 25 06:40:23 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



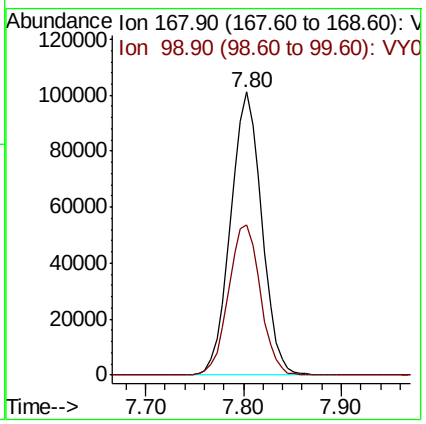


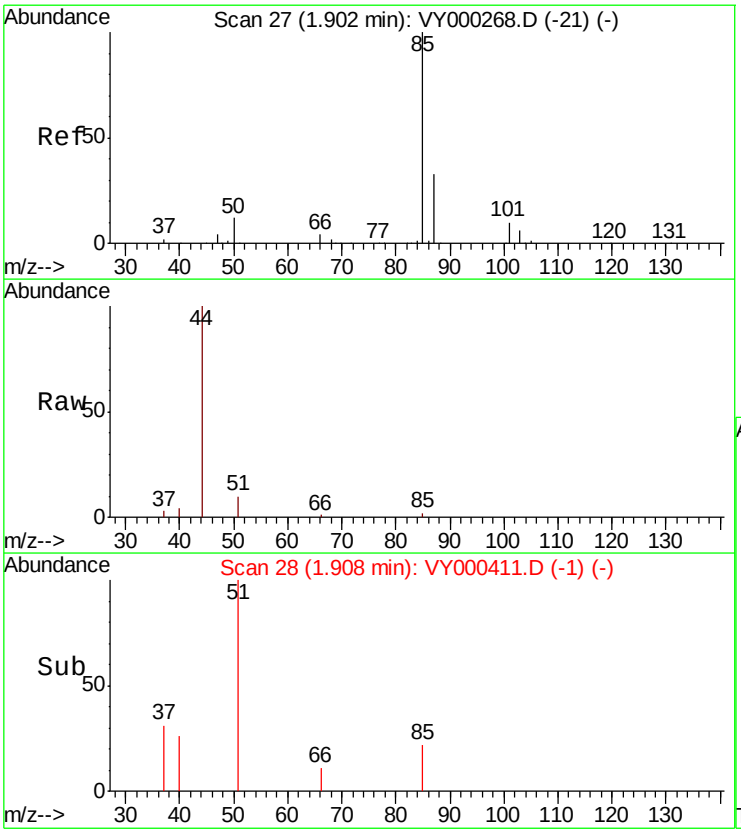
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 223537

Ion	Ratio	Lower	Upper
168	100		
99	53.0	46.6	69.8

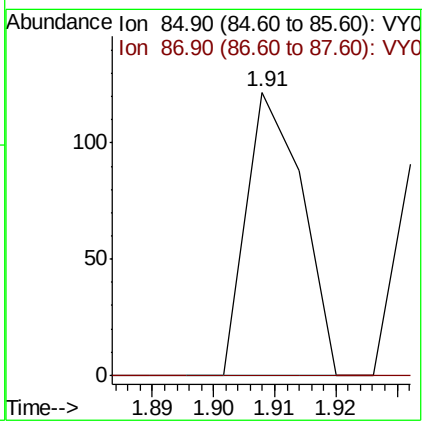


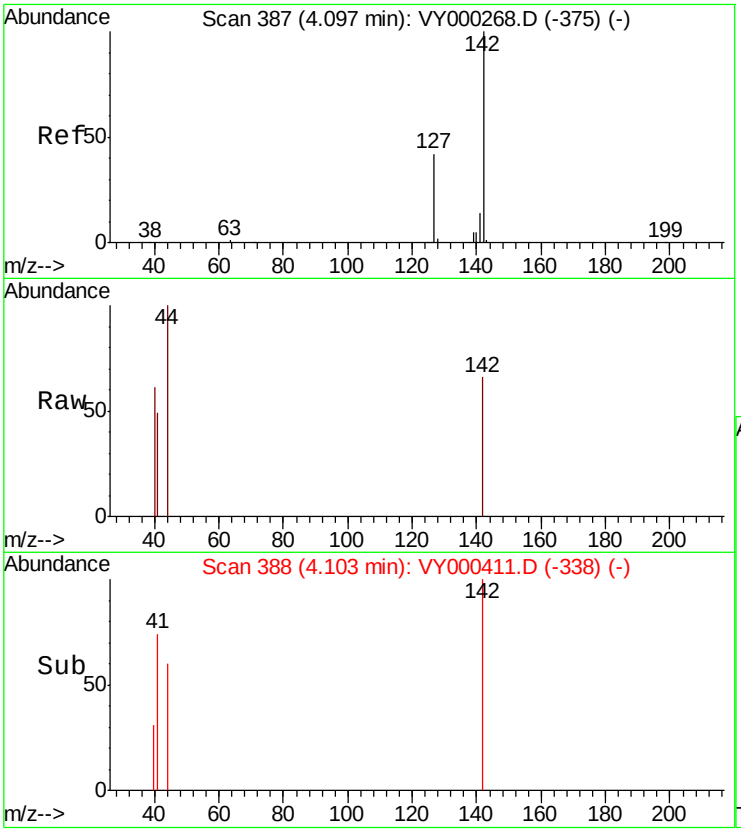


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.91 min Scan# 28
Delta R.T. 0.01 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Tgt Ion: 85 Resp: 77

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



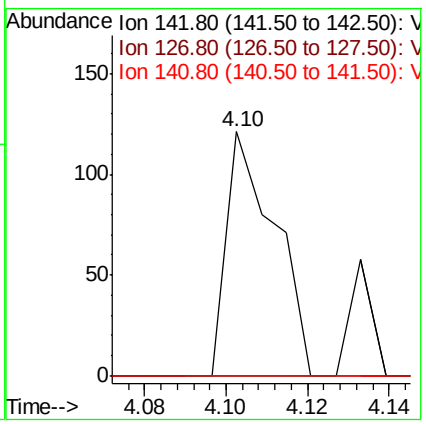


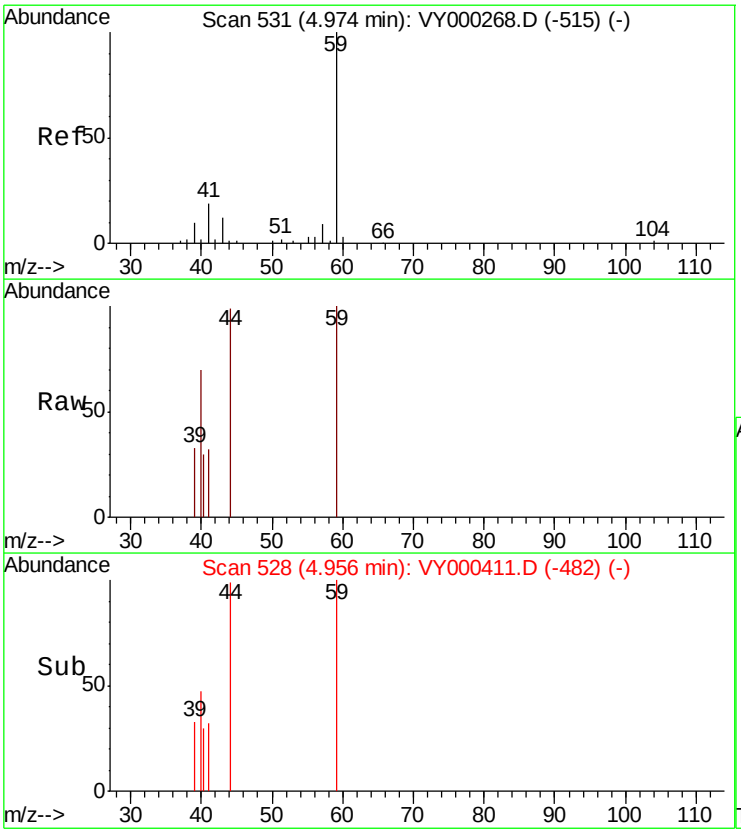
#10
Methyl Iodide
Concen: 1.216 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 100

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

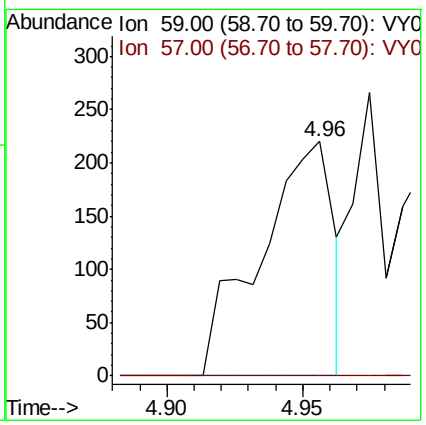


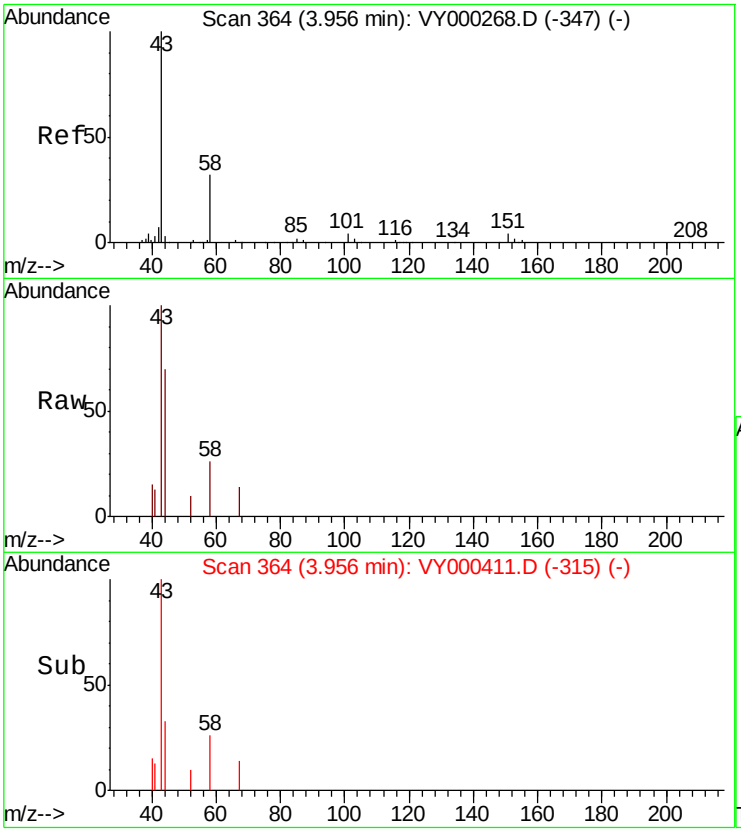


#11
Tert butyl alcohol
Concen: 1.674 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.02 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Tgt Ion: 59 Resp: 413

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



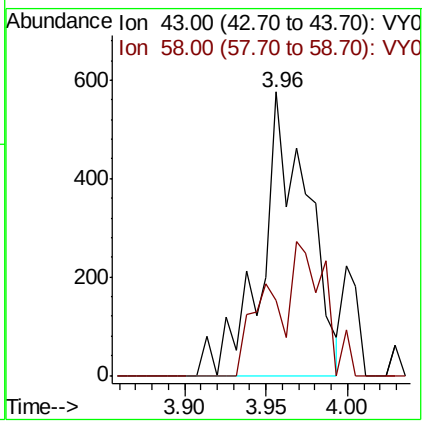


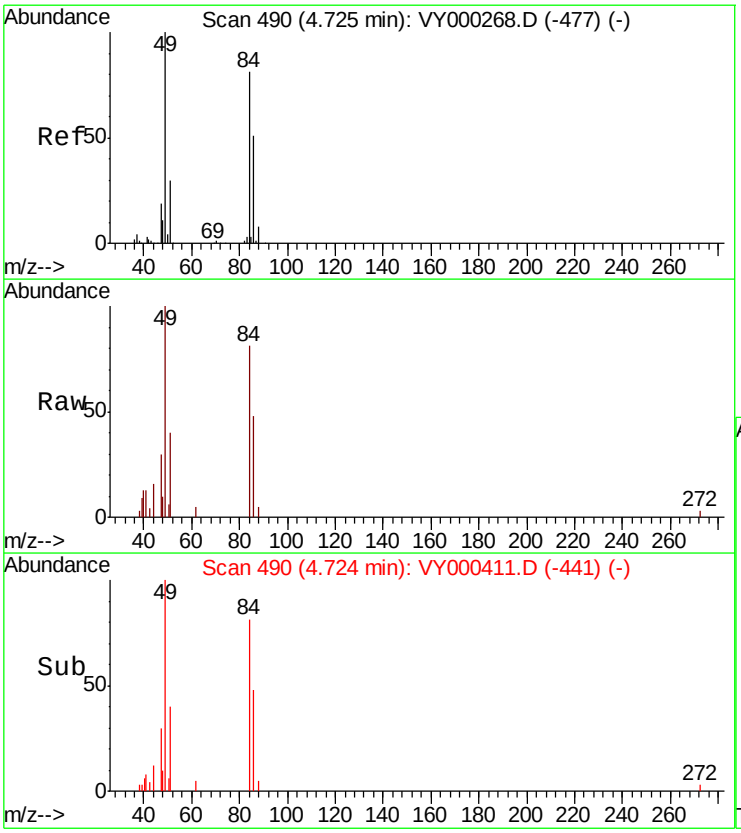
#16
Acetone
Concen: 1.475 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1126

Ion	Ratio	Lower	Upper
43	100		
58	26.2	25.8	38.6

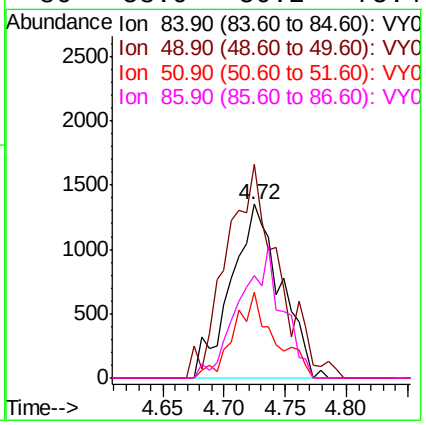


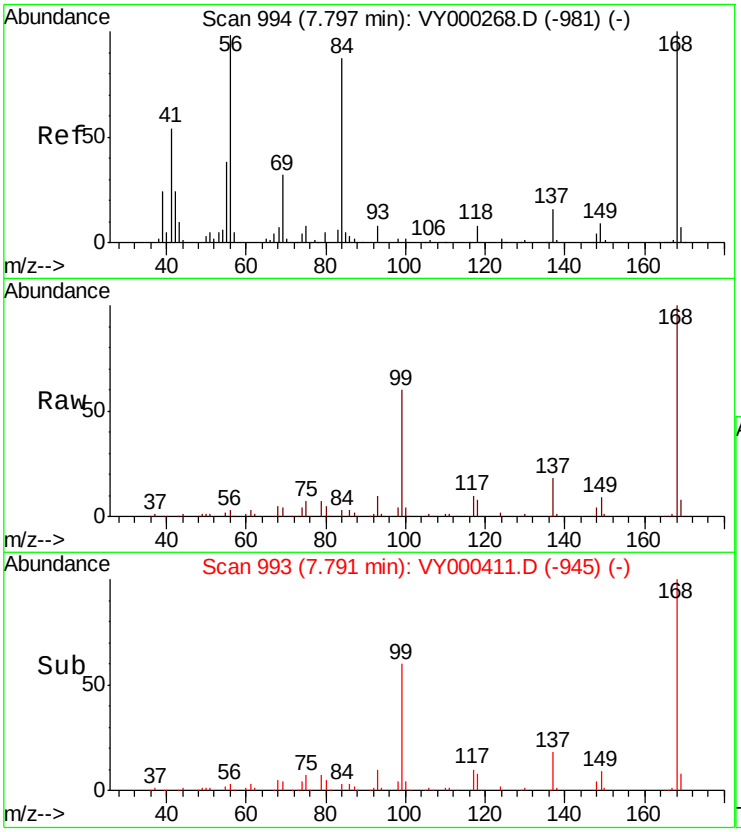


#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Tgt Ion: 84 Resp: 3816

Ion	Ratio	Lower	Upper
84	100		
49	123.0	99.0	148.4
51	49.6	29.3	43.9#
86	58.9	50.2	75.4



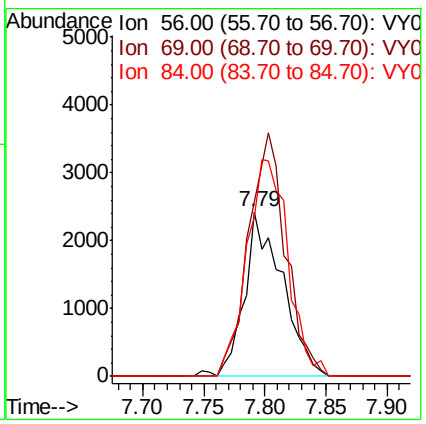


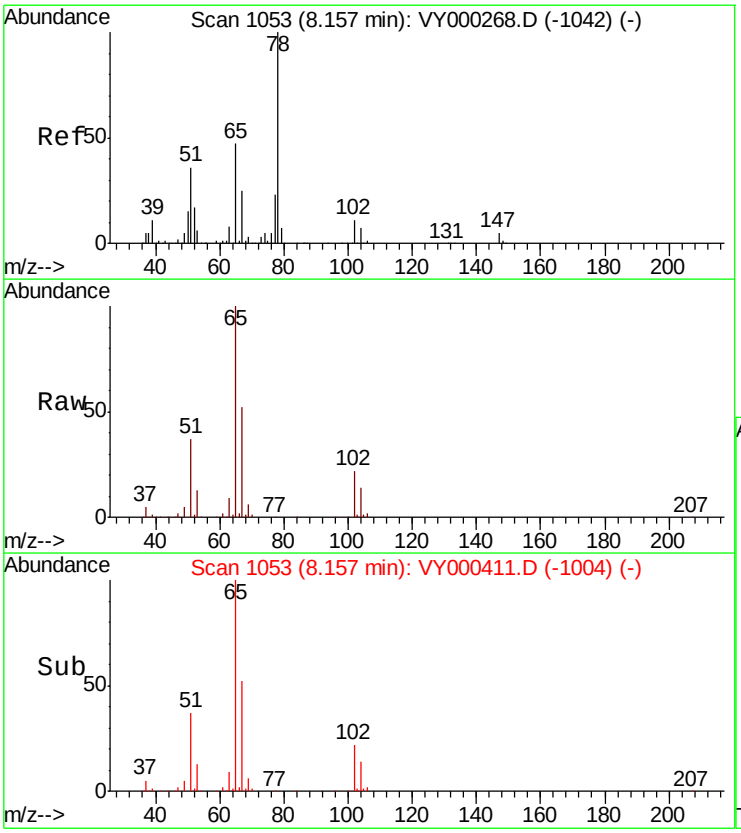
#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 5228

Ion	Ratio	Lower	Upper
56	100		
69	105.8	26.3	39.5#
84	96.3	70.8	106.2

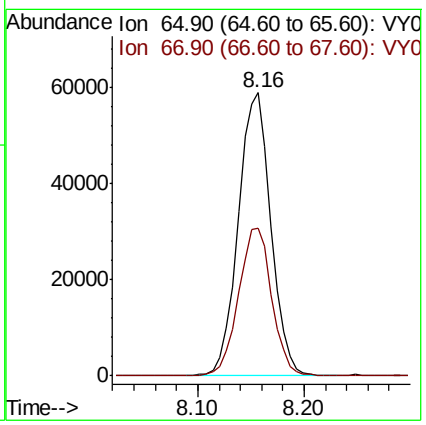


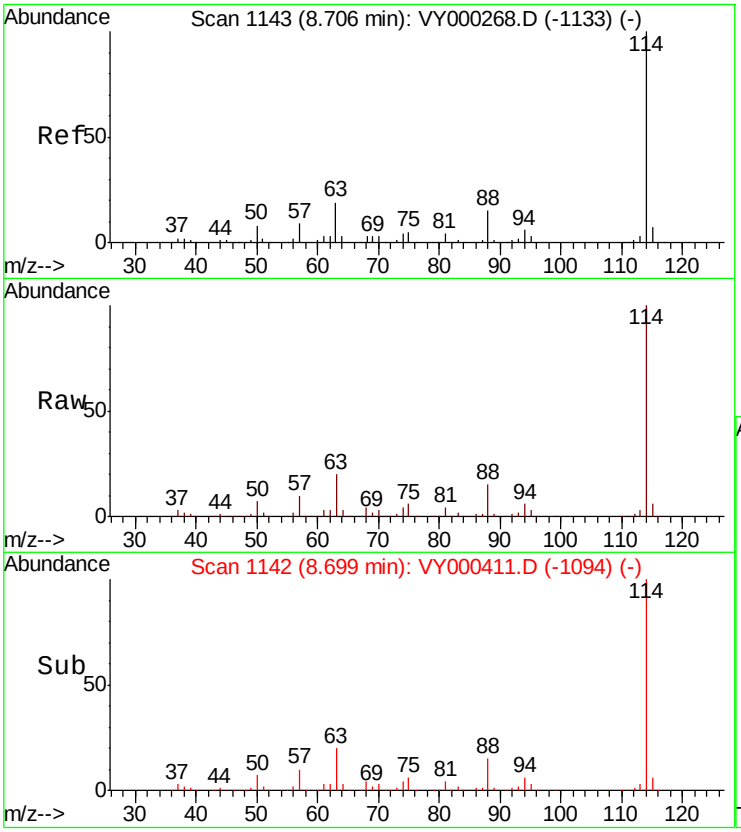


#33
1,2-Dichloroethane-d4
Concen: 53.815 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Tgt Ion: 65 Resp: 126894

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	109.4



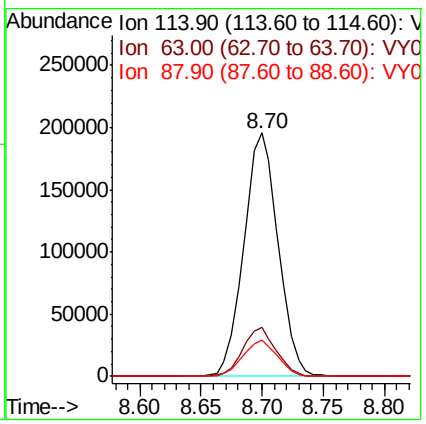


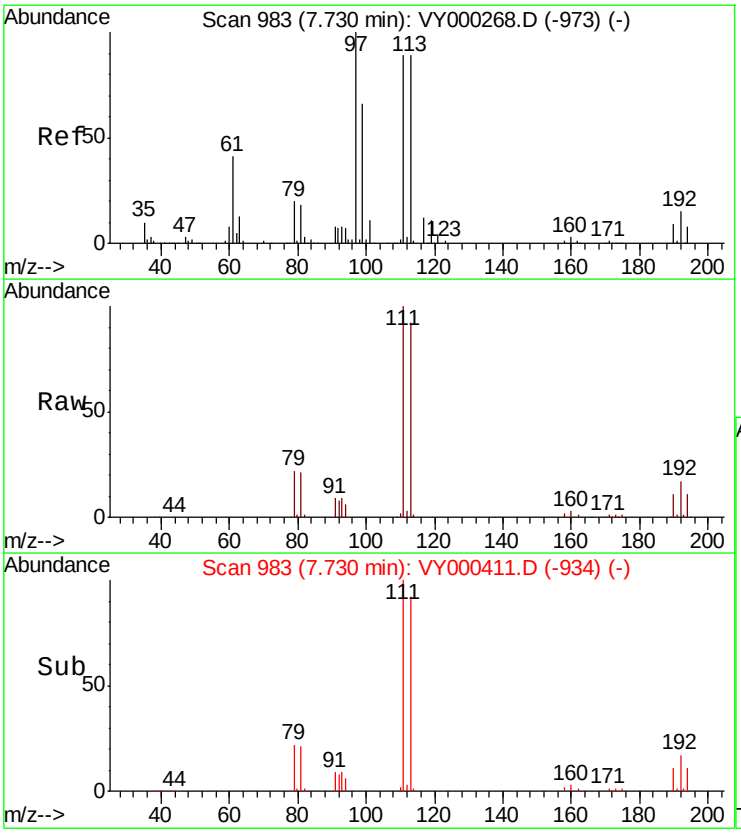
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 381513

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	37.2
88	15.1	0.0	30.2

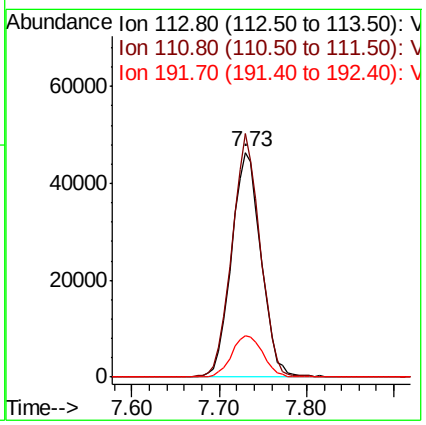


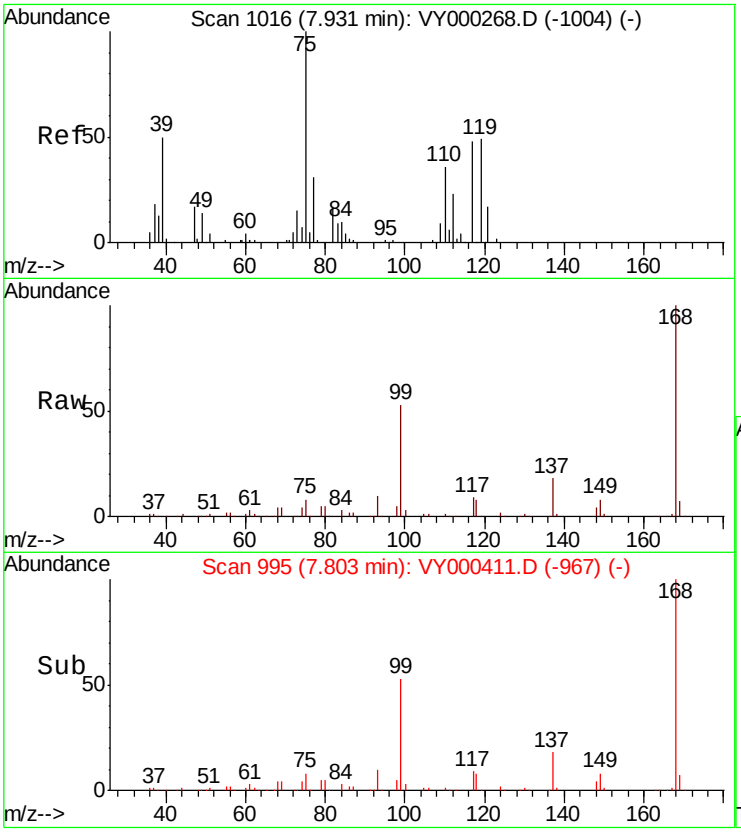


#35
Dibromofluoromethane
Concen: 47.442 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Tgt Ion:113 Resp: 109180

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	19.3	15.3	22.9



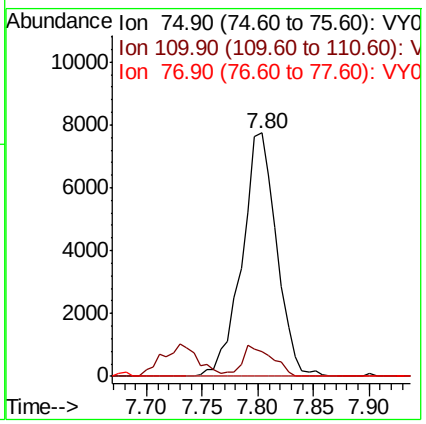


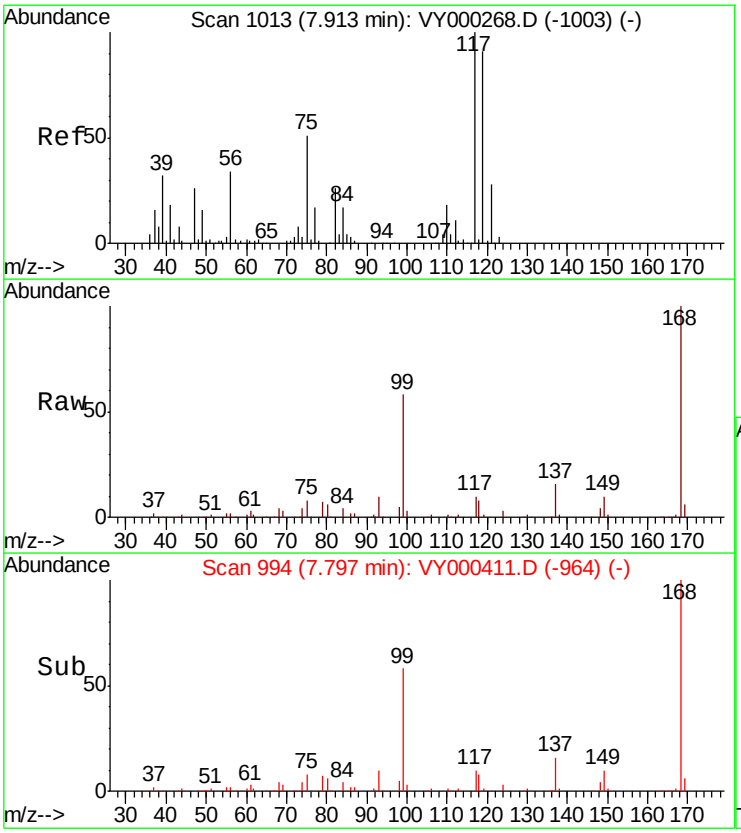
#36
1,1-Dichloropropene
Concen: 4.484 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 16748

Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.4	55.4#
77	0.0	25.0	37.6#

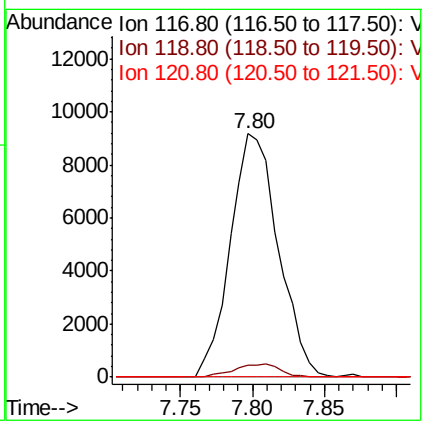


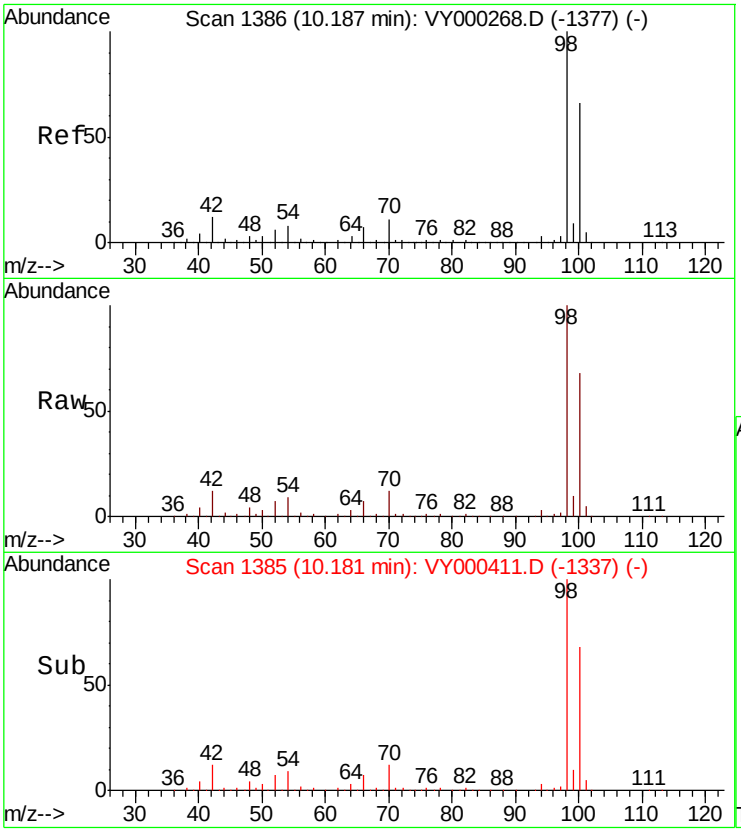


#38
Carbon Tetrachloride
Concen: 5.862 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Tgt Ion:117 Resp: 21199

Ion	Ratio	Lower	Upper
117	100		
119	5.1	72.8	109.2#
121	0.0	22.2	33.2#



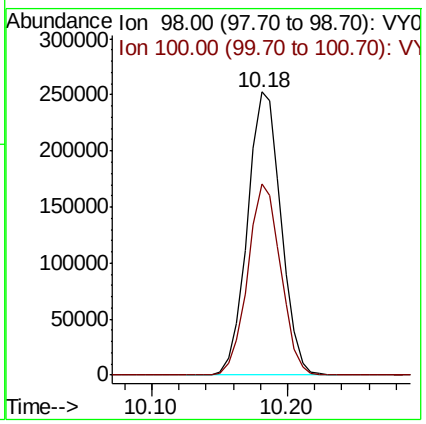


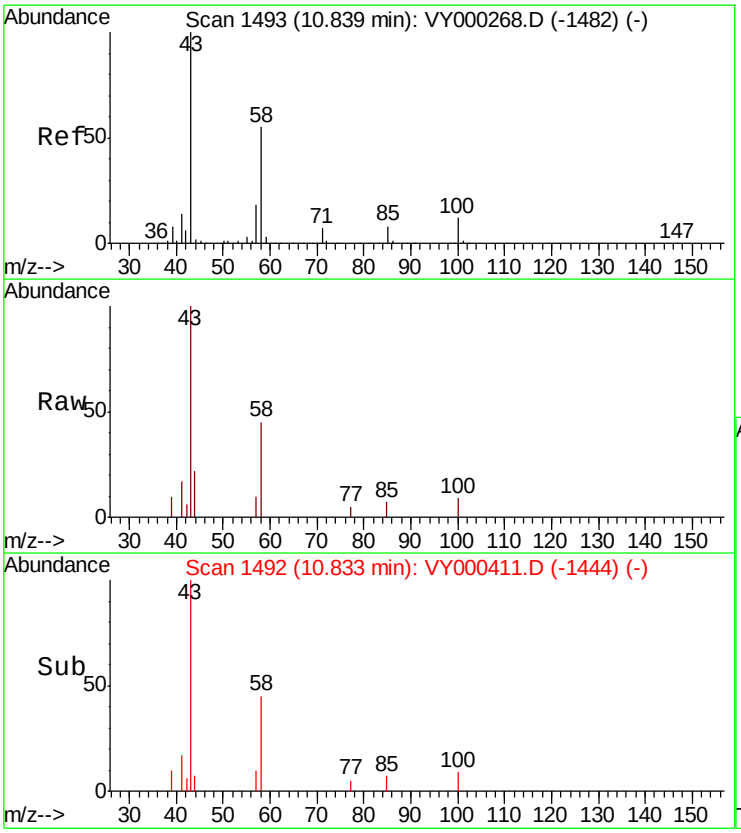
#50
Toluene-d8
Concen: 49.408 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 437388

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.8	79.2

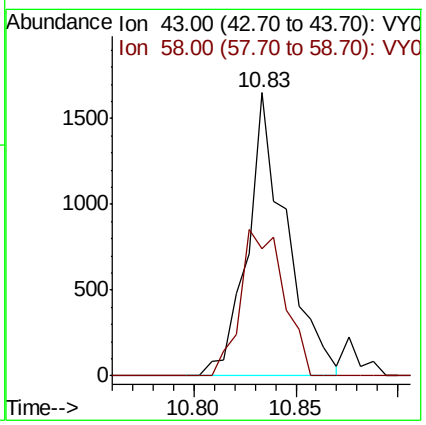


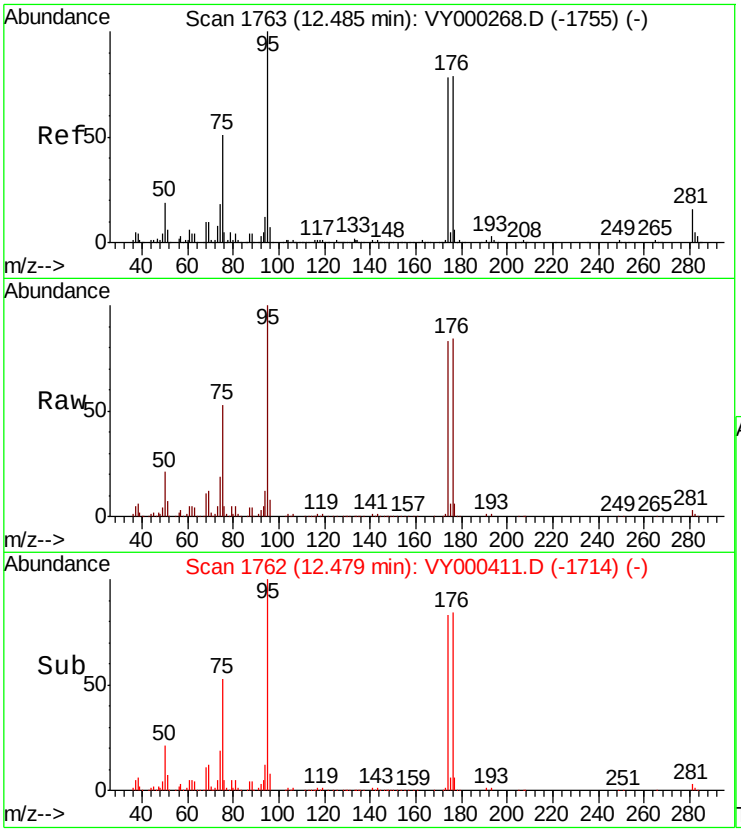


#59
2-Hexanone
Concen: 1.435 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Tgt Ion: 43 Resp: 2184

Ion	Ratio	Lower	Upper
43	100		
58	57.7	27.7	83.1



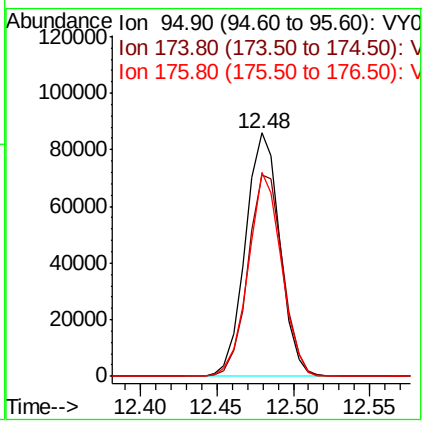


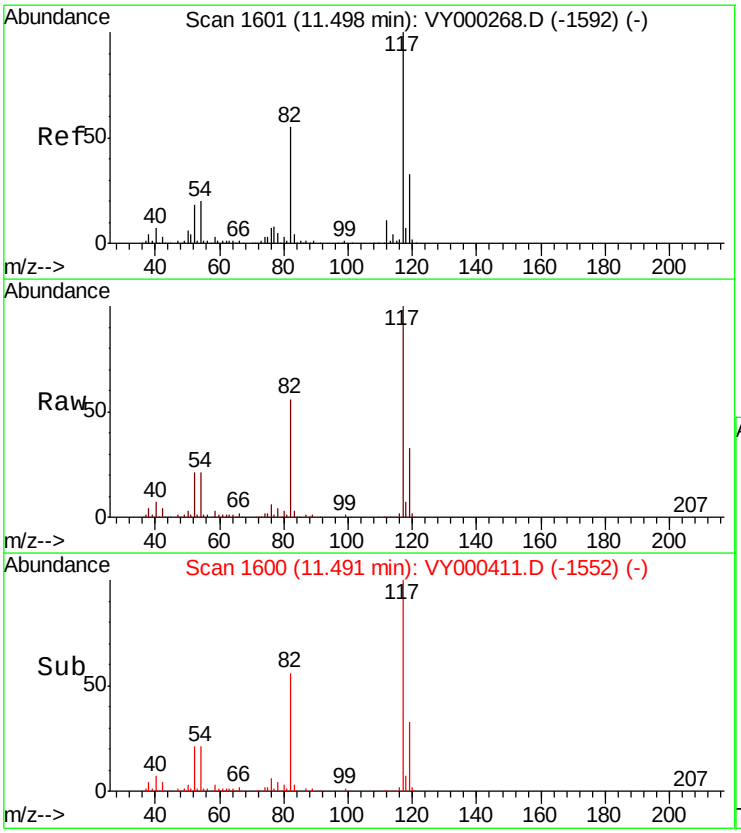
#62
4-Bromofluorobenzene
Concen: 39.891 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 134160

Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	159.6
176	81.0	0.0	153.8

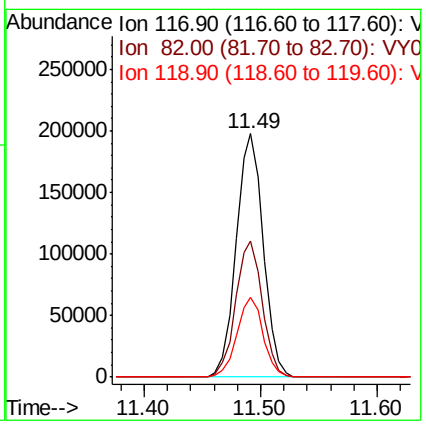


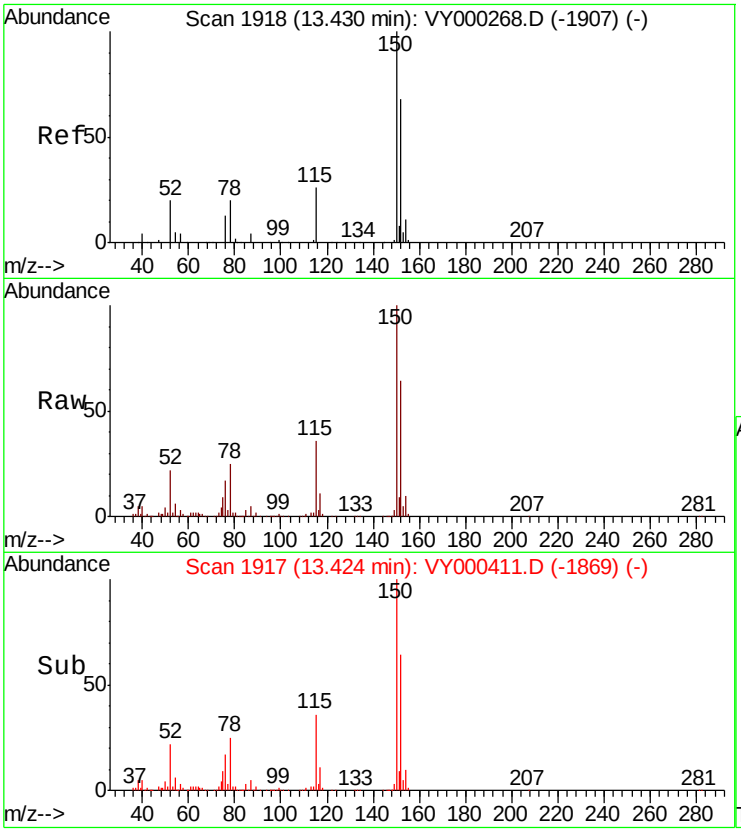


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Tgt Ion:117 Resp: 318855

Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.7	65.5
119	32.9	26.6	39.8



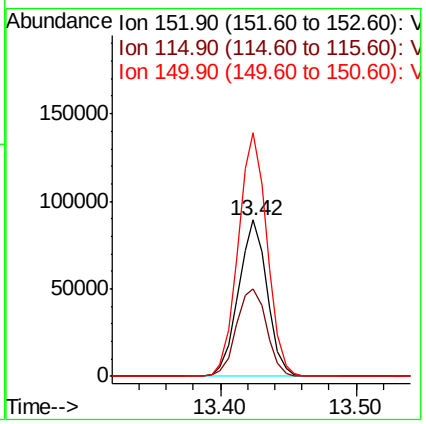


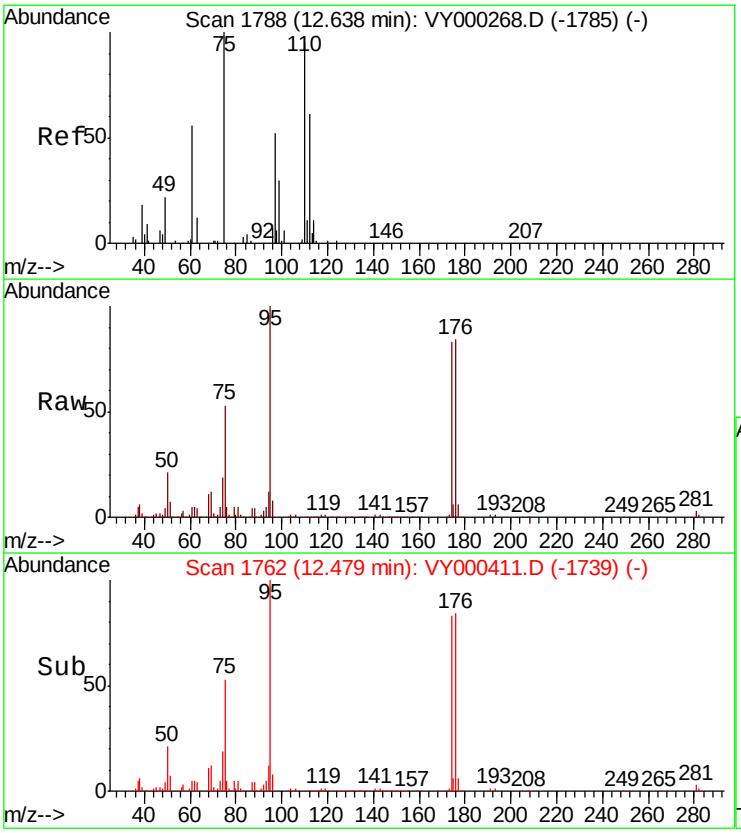
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 130772

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	156.9	0.0	348.4

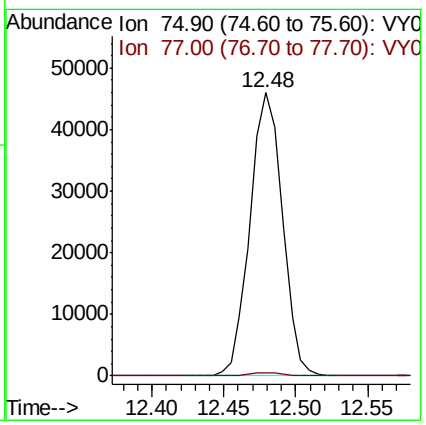


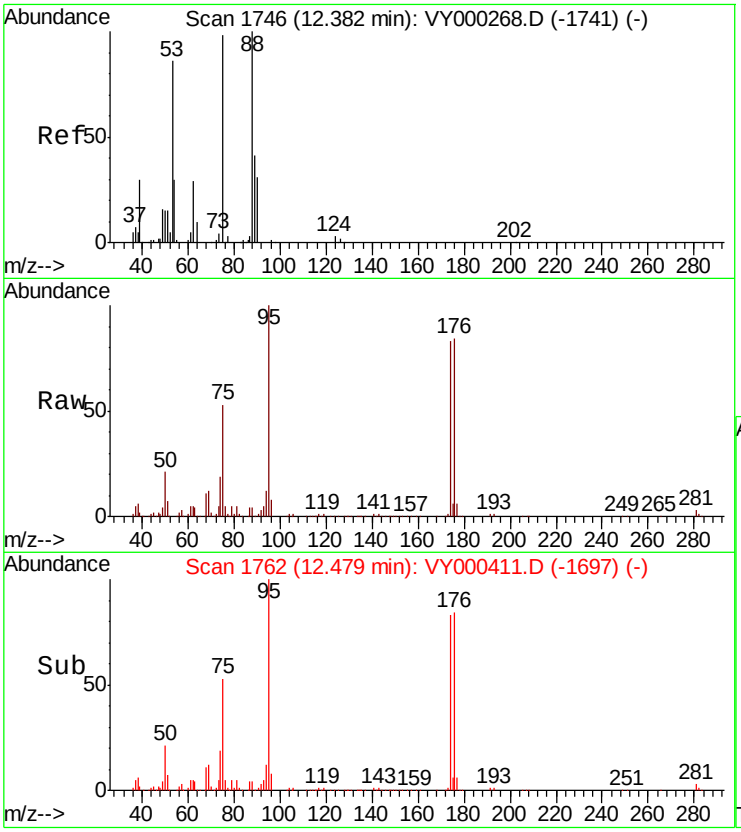


#76
1,2,3-Trichloropropane
Concen: 44.462 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Tgt Ion: 75 Resp: 71497

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 97.281 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000411.D
Acq: 24 Oct 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 71497

Ion	Ratio	Lower	Upper
75	100		
53	0.1	71.3	106.9#
89	0.3	35.1	52.7#