Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101419\
Data File : VY000300.D
Acq On : 14 Oct 2019 15:36
Operator : SY/MD
Sample : K5325-02
Misc : 5.51g/5.00ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 15 01:15:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	226880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	431027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	366007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	145372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	143992	60.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.34%			
35) Dibromofluoromethane	7.73	113	129518	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.62%			
50) Toluene-d8	10.19	98	506435	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.28%			
62) 4-Bromofluorobenzene	12.48	95	161113	42.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	113	Below Cal	#	41
3) Chloromethane	2.11	50	3010	1.086	ug/l	98
10) Methyl Iodide	4.34	142	35	1.196	ug/l #	41
11) Tert butyl alcohol	4.98	59	1855	7.407	ug/l #	73
16) Acetone	3.96	43	2081	2.685	ug/l #	83
20) Methylene Chloride	4.72	84	5354	Below Cal	#	77
31) Cyclohexane	7.79	56	4704	1.027	ug/l #	9
36) 1,1-Dichloropropene	7.80	75	18286	4.333	ug/l #	50
38) Carbon Tetrachloride	7.80	117	22414	5.486	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	83749	46.851	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83749	102.507	ug/l #	14
95) Naphthalene	15.23	128	8631	1.235	ug/l #	96

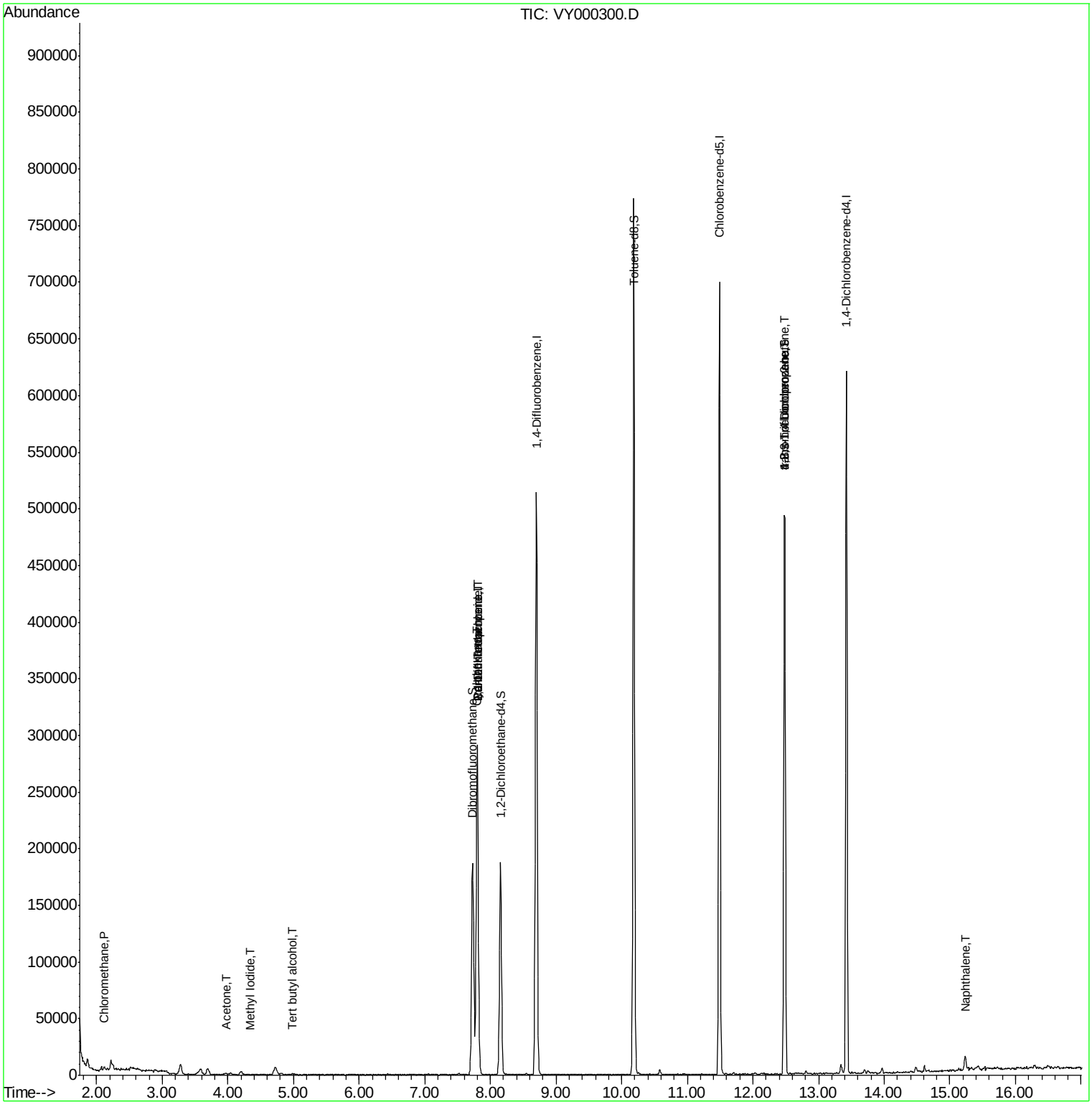
(#) = qualifier out of range (m) = manual integration (+) = signals summed

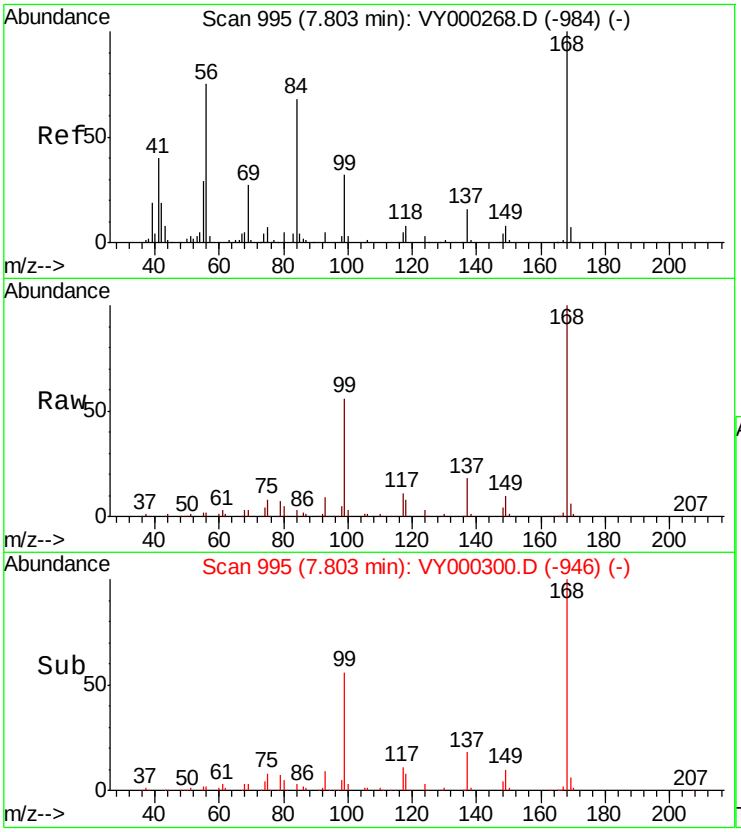
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101419\
Data File : VY000300.D
Acq On : 14 Oct 2019 15:36
Operator : SY/MD
Sample : K5325-02
Misc : 5.51g/5.00ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 15 01:15:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration



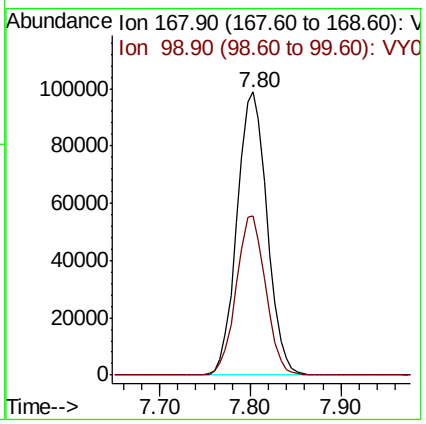


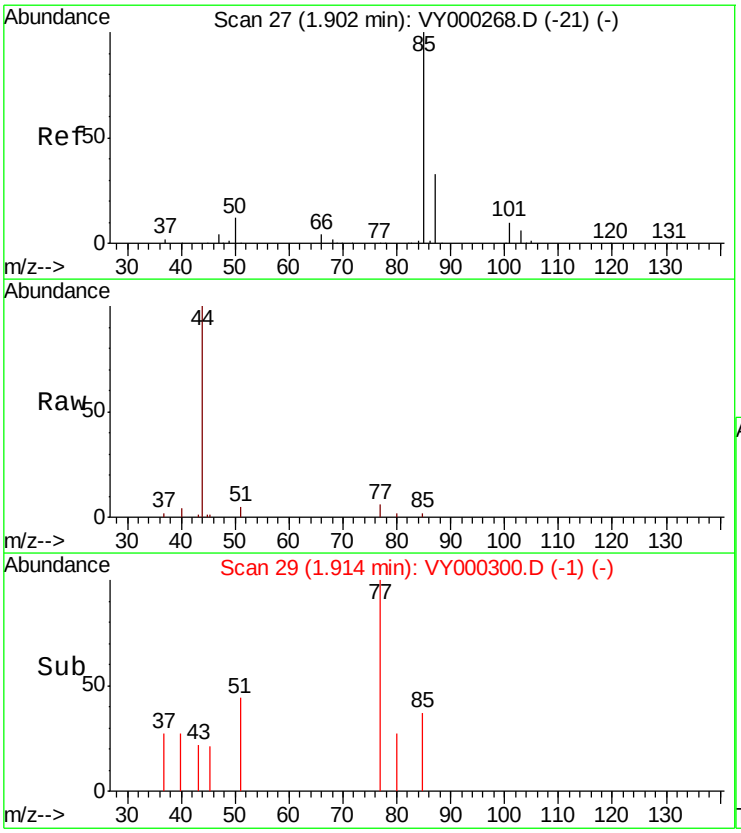
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 226880

Ion	Ratio	Lower	Upper
168	100		
99	56.1	46.6	69.8

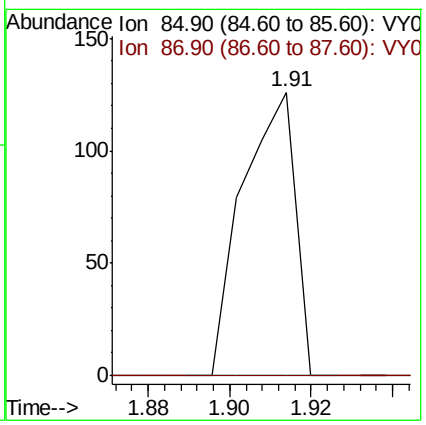


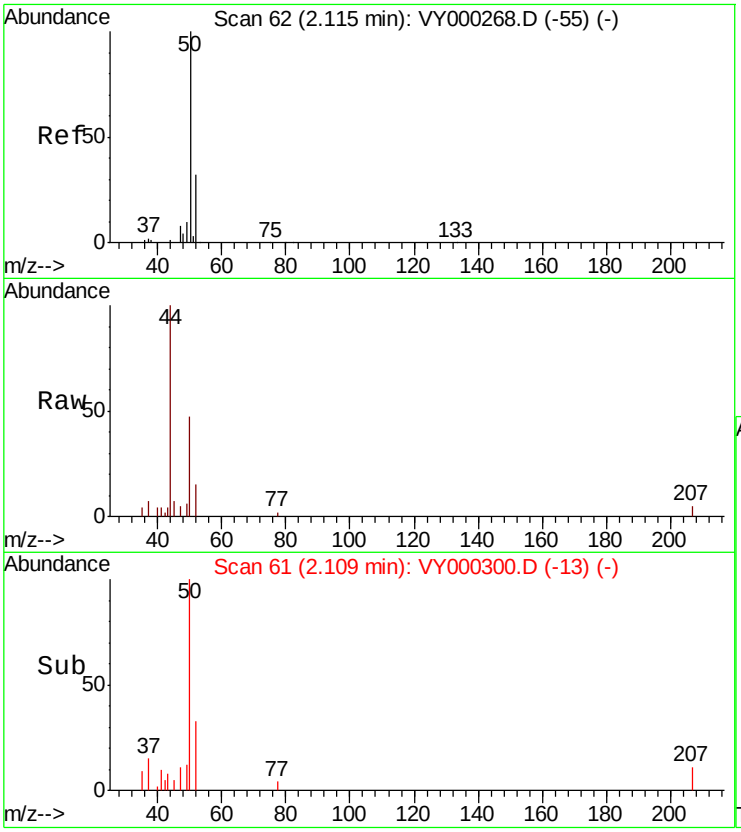


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.91 min Scan# 29
Delta R.T. 0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion: 85 Resp: 113

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



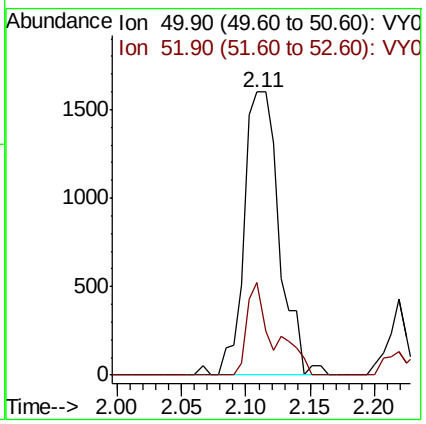


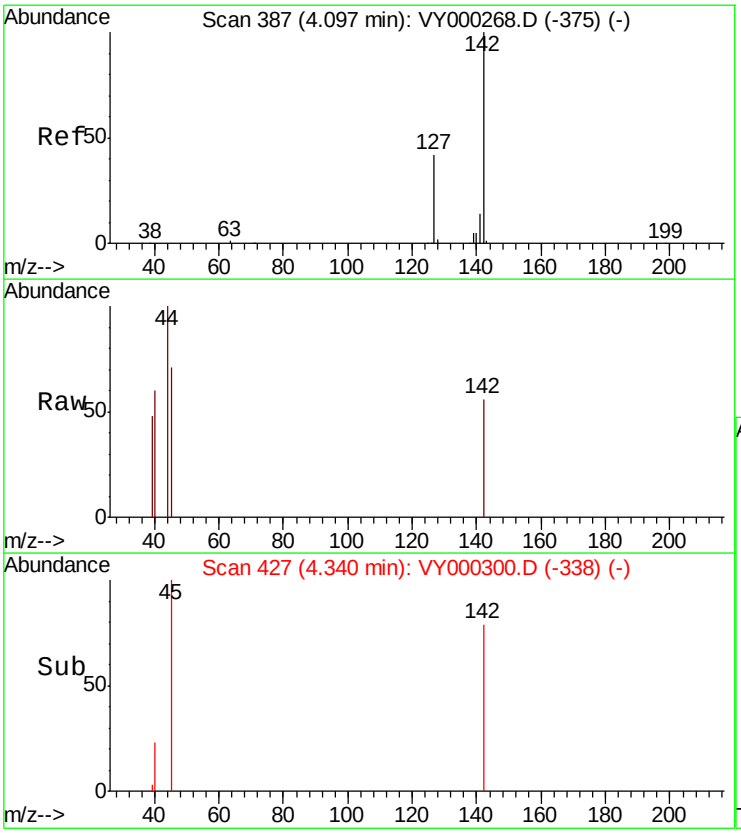
#3
Chloromethane
Concen: 1.086 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 3010

Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.3	37.9

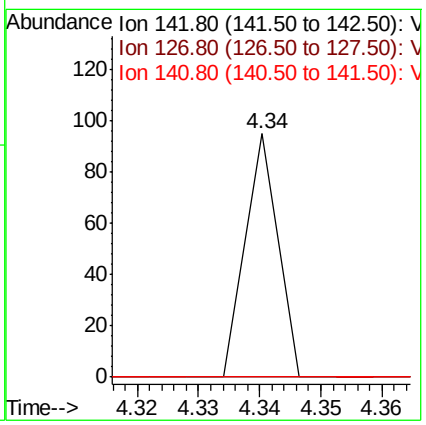


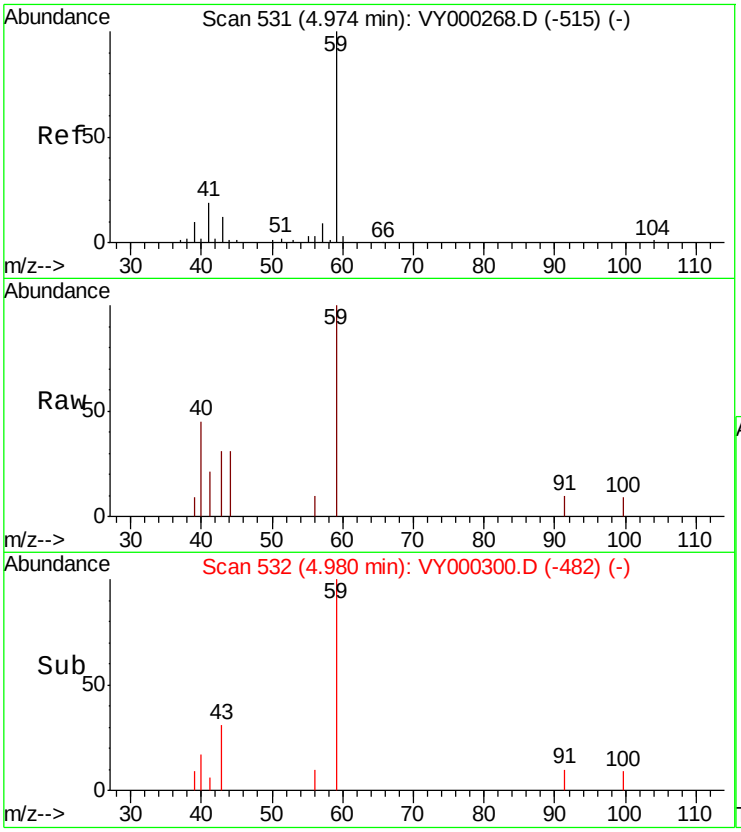


#10
Methyl Iodide
Concen: 1.196 ug/l
RT: 4.34 min Scan# 427
Delta R.T. 0.24 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion:142 Resp: 35

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



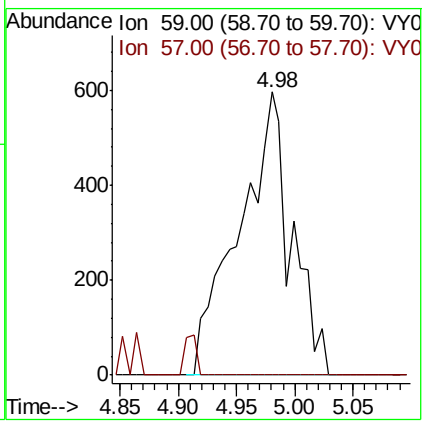


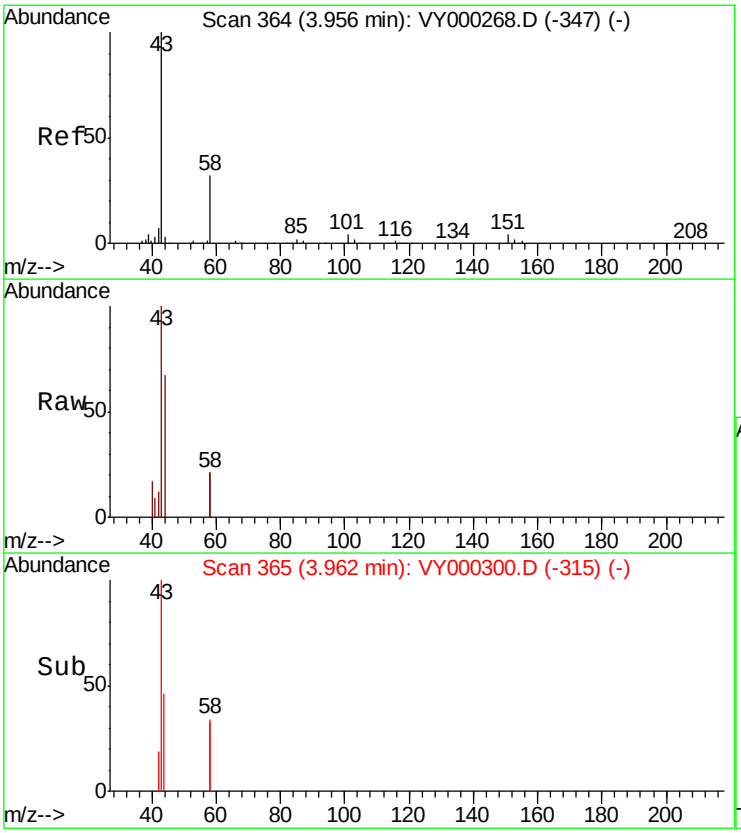
#11
Tert butyl alcohol
Concen: 7.407 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 1855

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

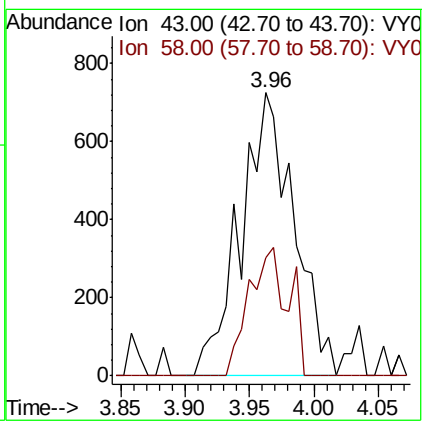


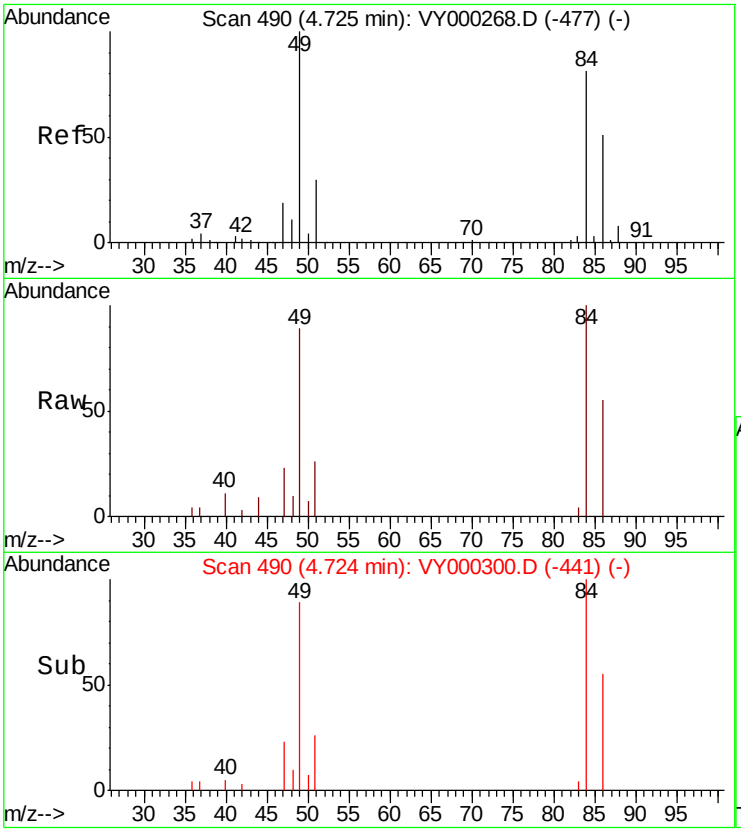


#16
Acetone
Concen: 2.685 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion: 43 Resp: 2081

Ion	Ratio	Lower	Upper
43	100		
58	41.8	25.8	38.6#



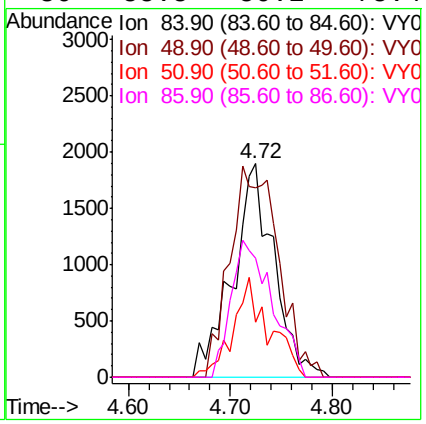


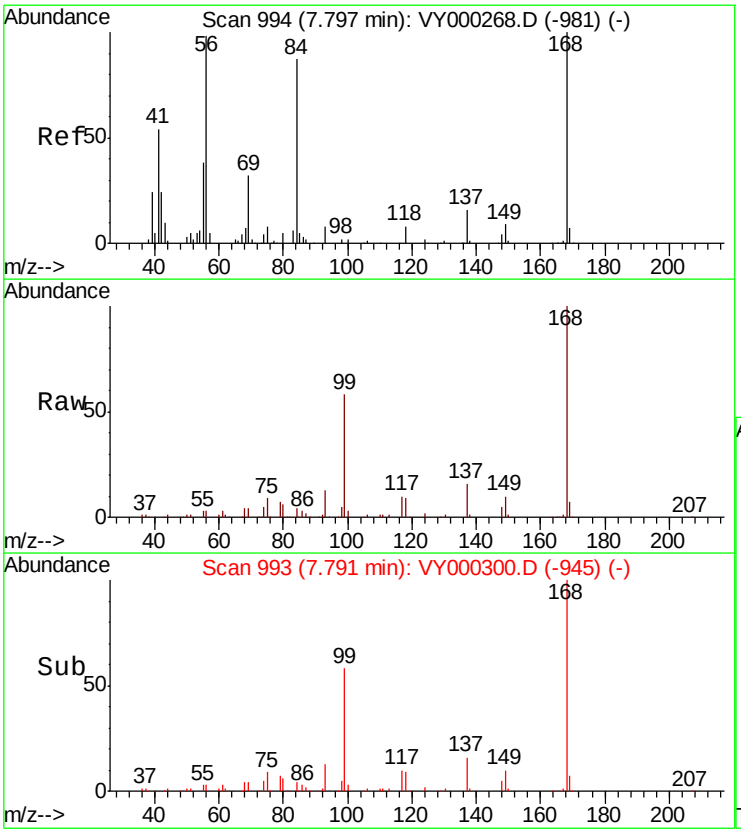
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 5354

Ion	Ratio	Lower	Upper
84	100		
49	89.0	99.0	148.4#
51	26.1	29.3	43.9#
86	55.5	50.2	75.4

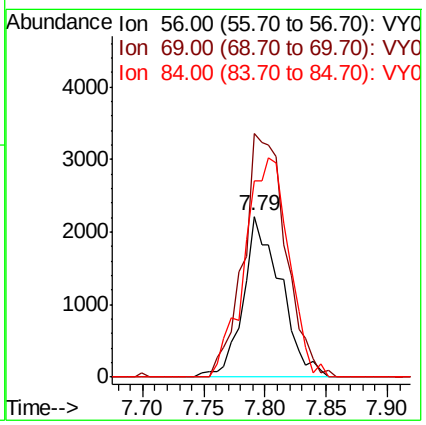


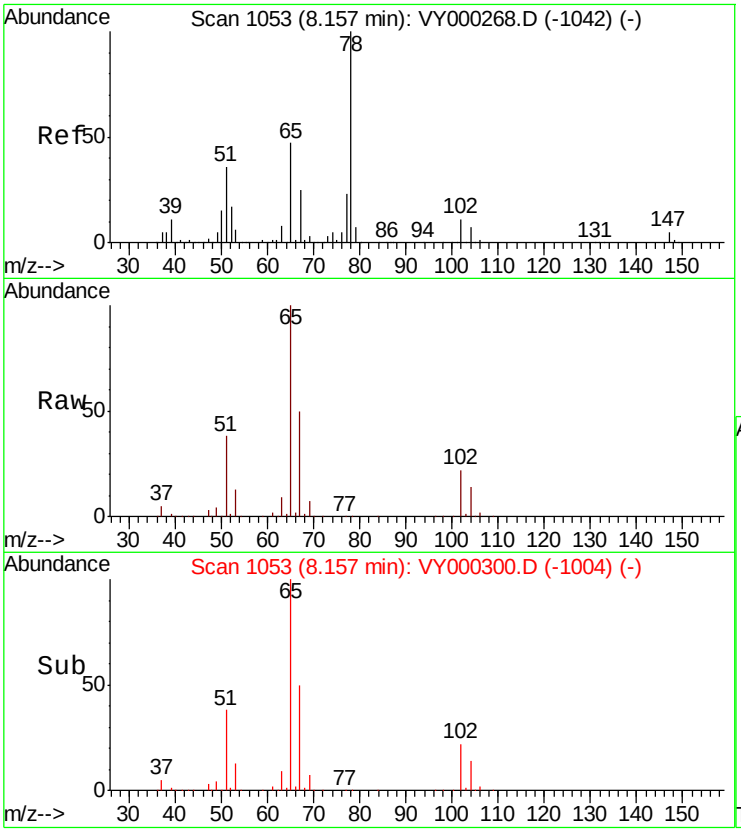


#31
Cyclohexane
Concen: 1.027 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion: 56 Resp: 4704

Ion	Ratio	Lower	Upper
56	100		
69	151.6	26.3	39.5#
84	132.4	70.8	106.2#



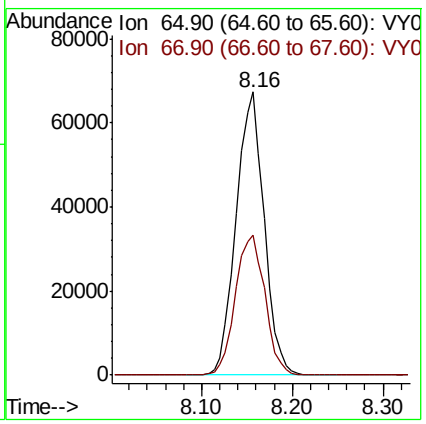


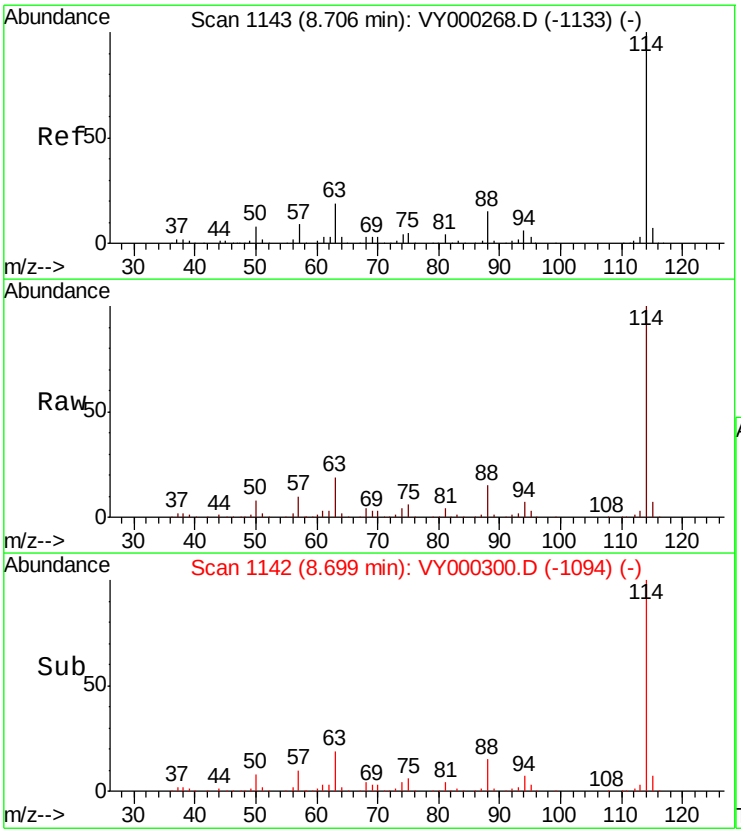
#33
1,2-Dichloroethane-d4
Concen: 60.166 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 143992

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	109.4

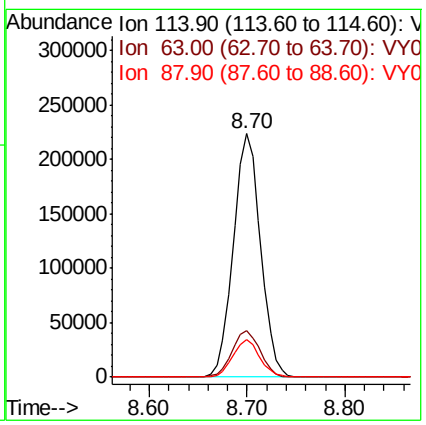


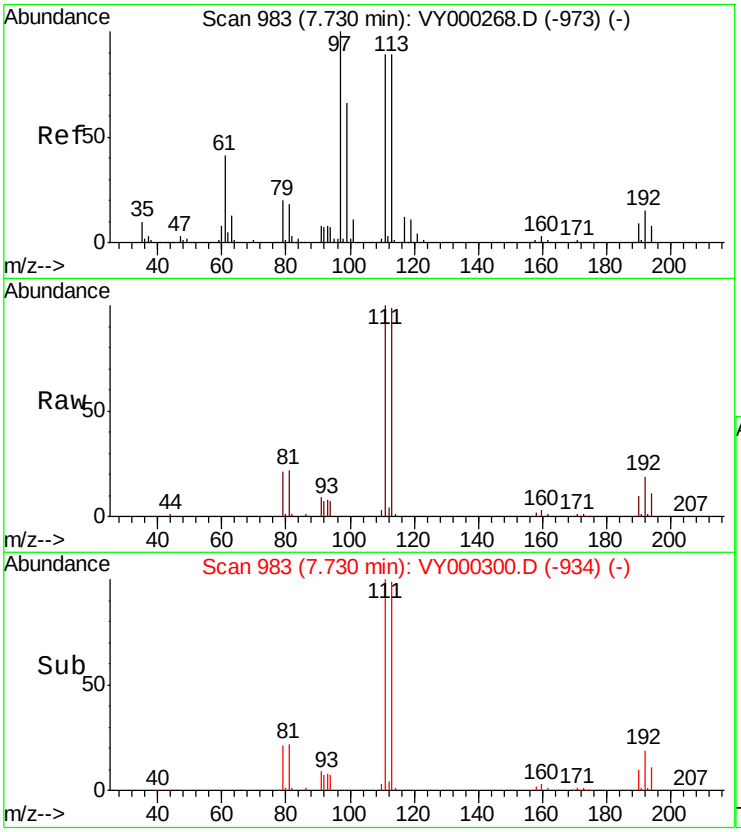


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion:114 Resp: 431027

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.2
88	15.4	0.0	30.2



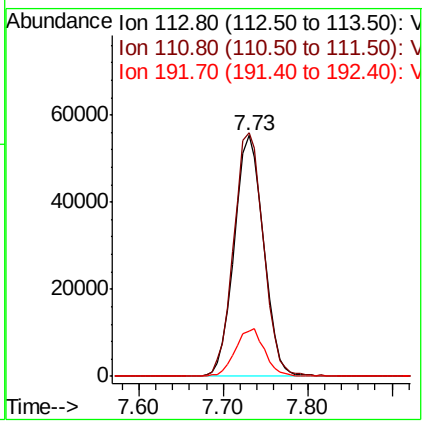


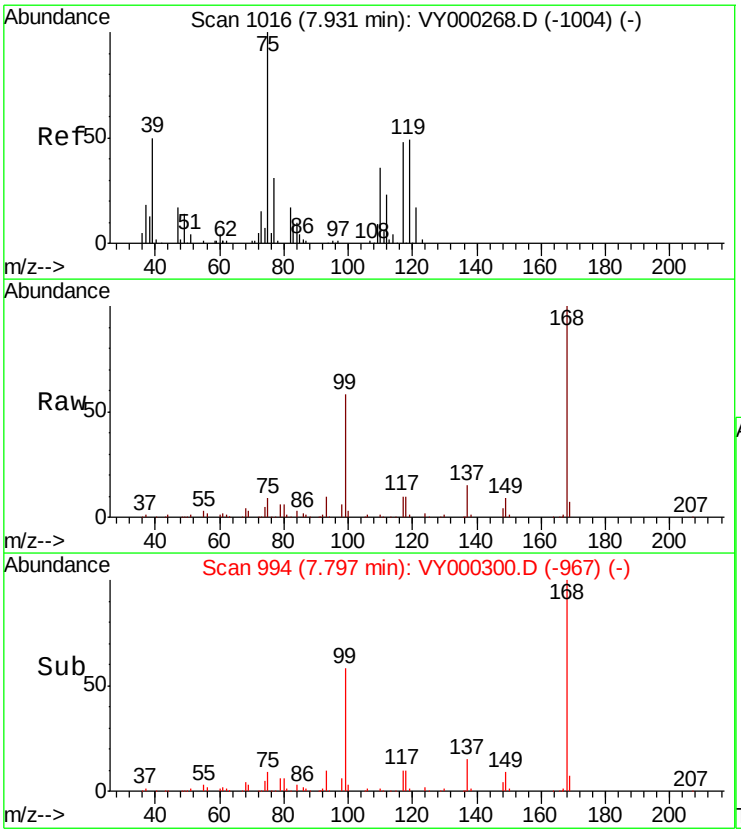
#35
Dibromofluoromethane
Concen: 49.815 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 129518

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.6	122.4
192	19.4	15.3	22.9

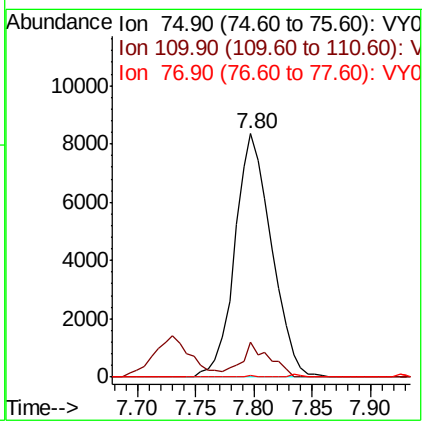


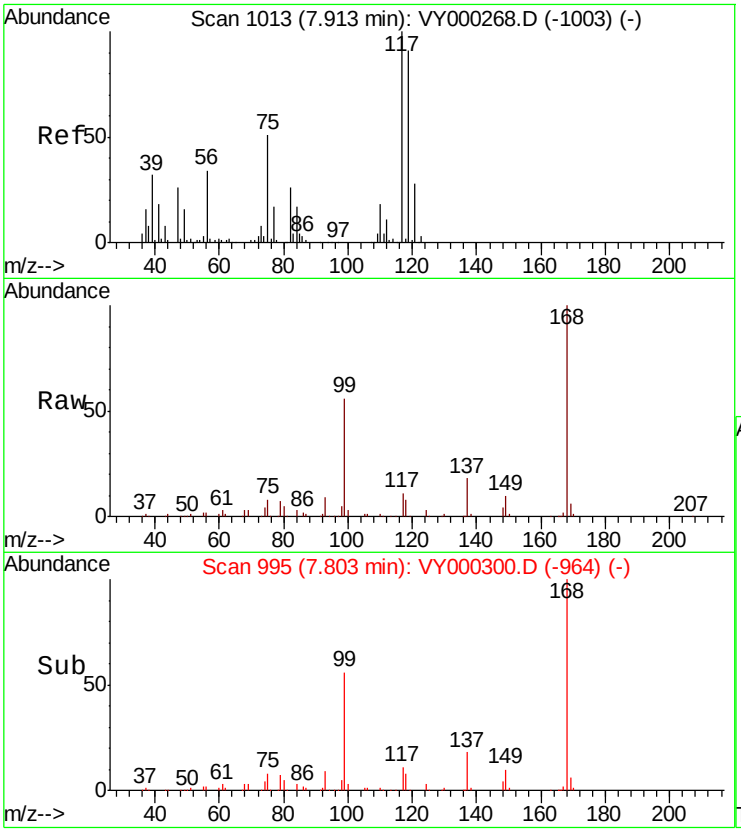


#36
1,1-Dichloropropene
Concen: 4.333 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion: 75 Resp: 18286

Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.4	55.4#
77	0.1	25.0	37.6#



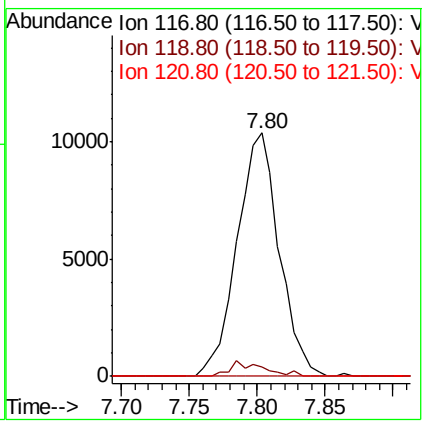


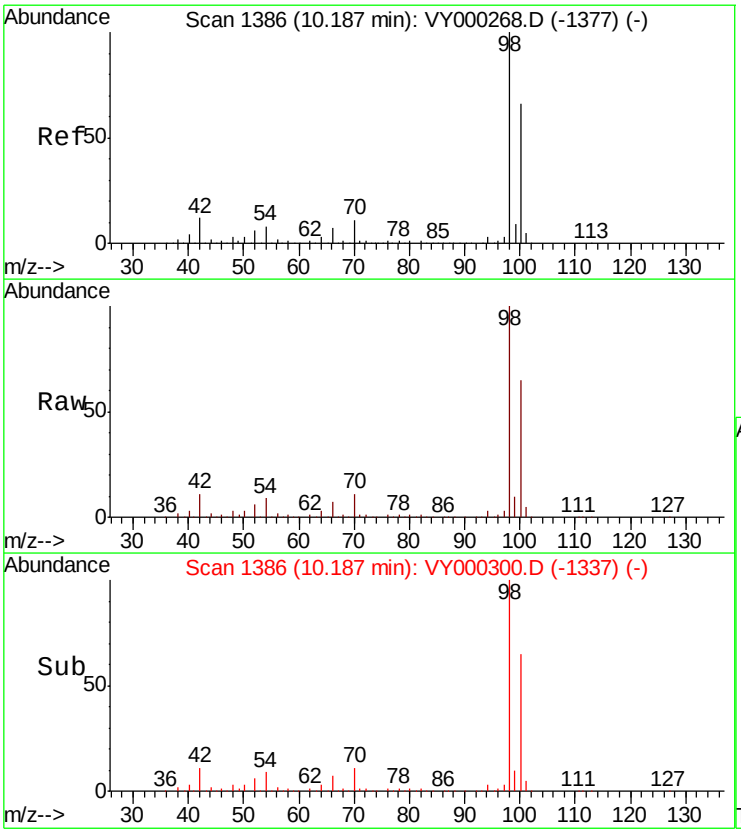
#38
Carbon Tetrachloride
Concen: 5.486 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 22414

Ion	Ratio	Lower	Upper
117	100		
119	4.1	72.8	109.2#
121	0.0	22.2	33.2#

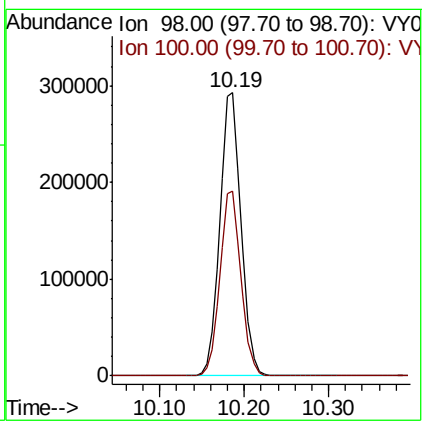


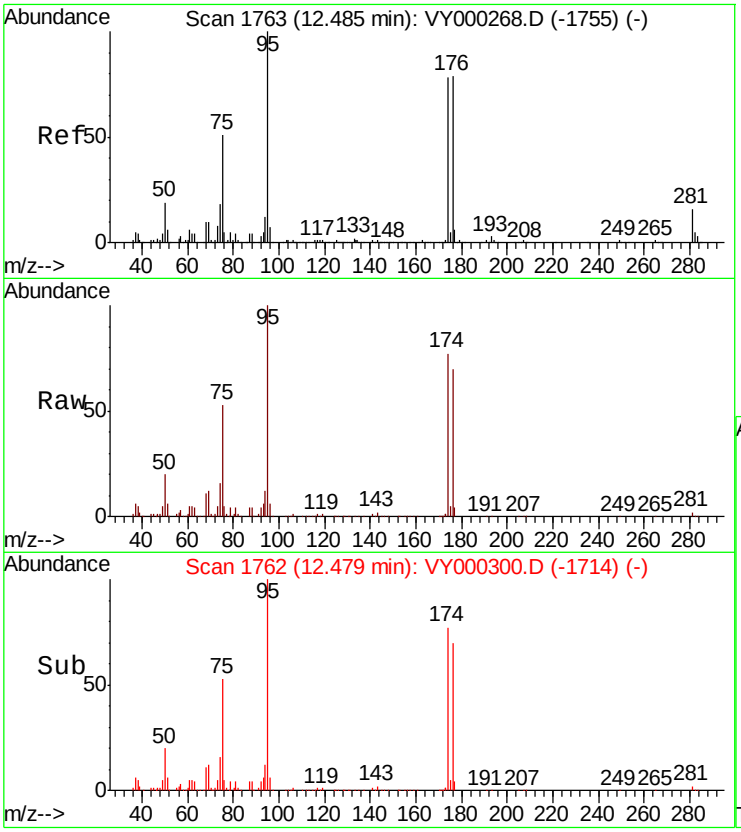


#50
Toluene-d8
Concen: 50.636 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion: 98 Resp: 506435

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.8	79.2



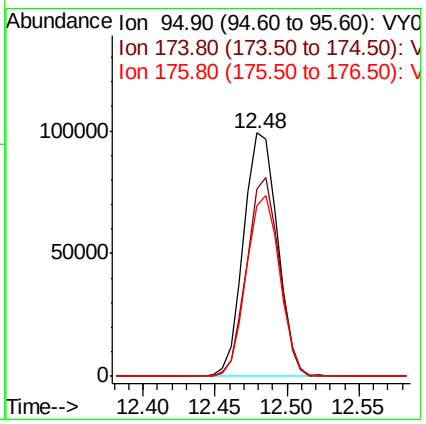


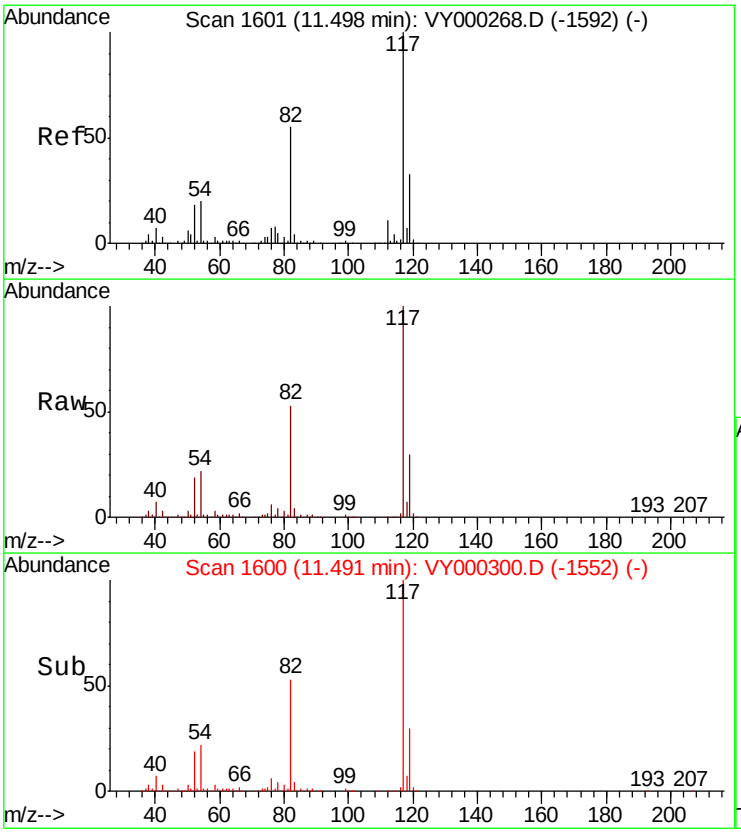
#62
4-Bromofluorobenzene
Concen: 42.402 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 161113

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	159.6
176	73.3	0.0	153.8

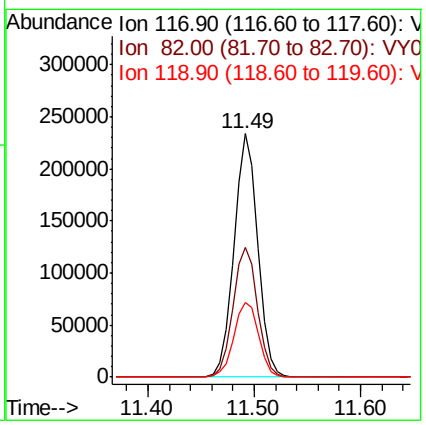


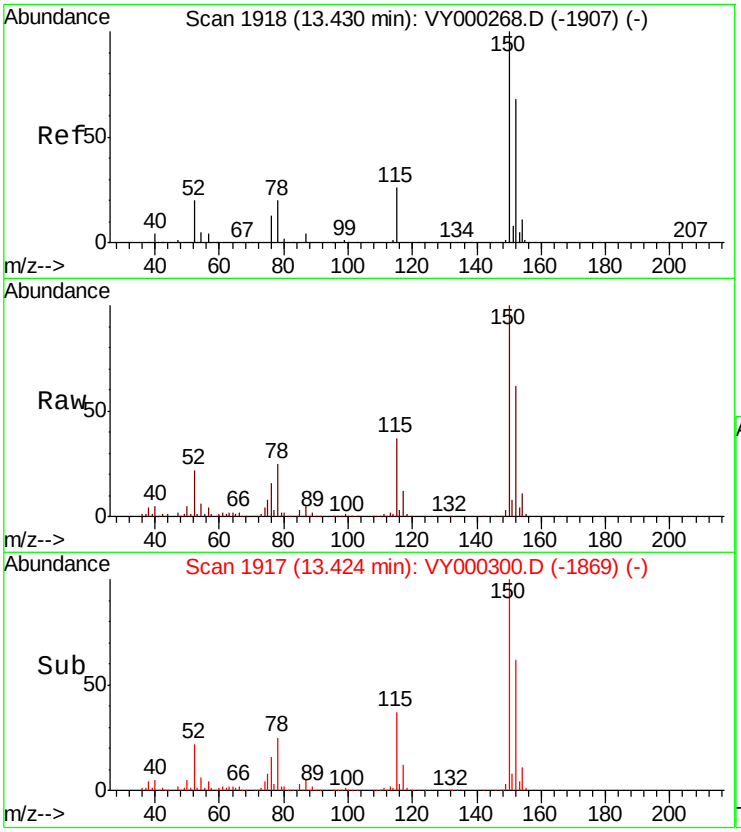


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion:117 Resp: 366007

Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.7	65.5
119	30.4	26.6	39.8



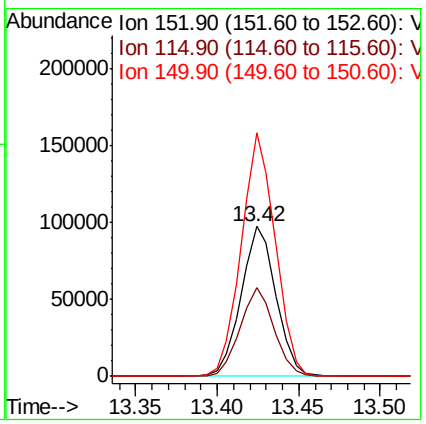


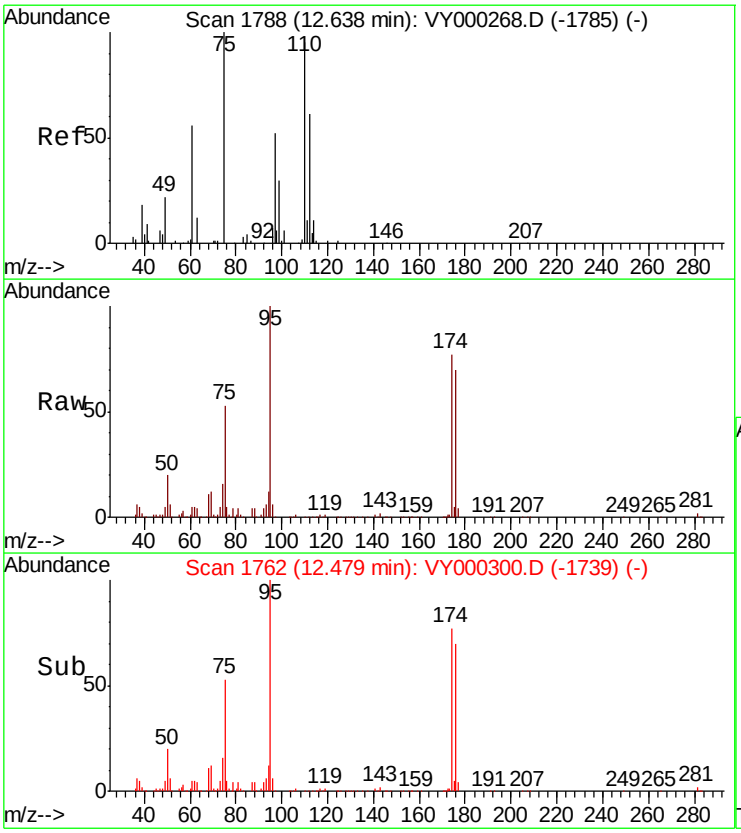
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 145372

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	88.0
150	158.2	0.0	348.4

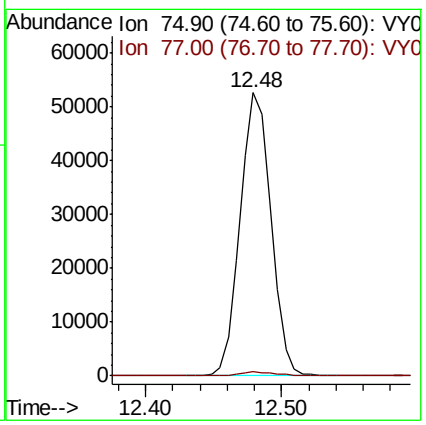


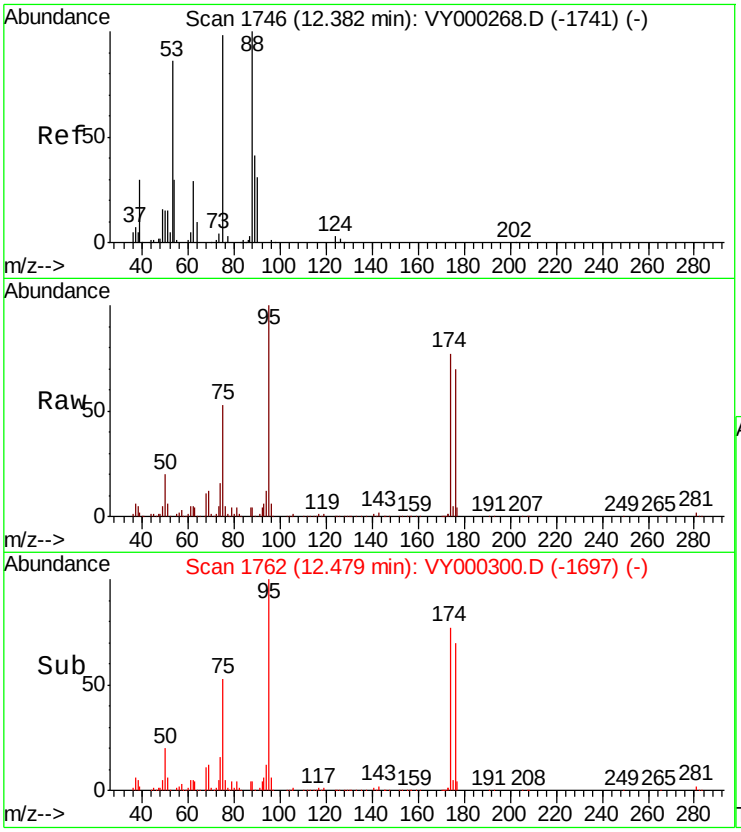


#76
1,2,3-Trichloropropane
Concen: 46.851 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion: 75 Resp: 83749

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#



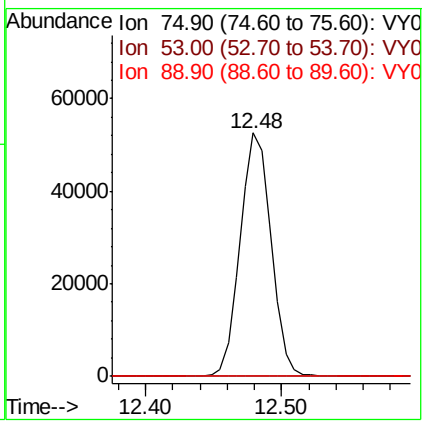


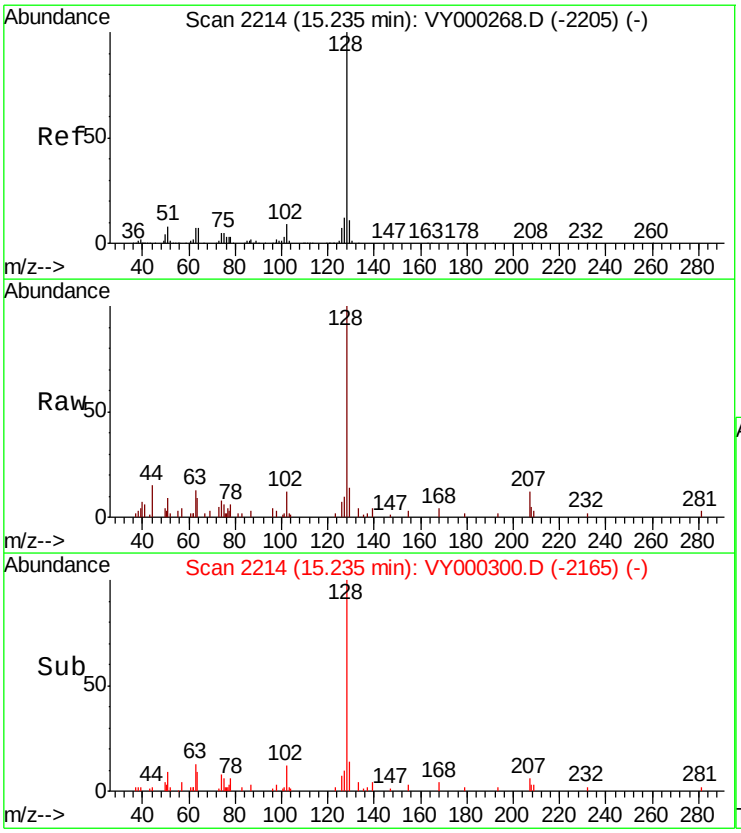
#81
trans-1,4-Dichloro-2-butene
Concen: 102.507 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 83749

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





#95
Naphthalene
Concen: 1.235 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000300.D
Acq: 14 Oct 2019 15:36

Tgt Ion:128 Resp: 8631

Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.6	14.4
129	13.8	8.7	13.1#