Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
Data File : VY000364.D
Acq On : 22 Oct 2019 14:51
Operator : SY/MD
Sample : K5480-02
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B-1A

Quant Time: Oct 23 08:02:47 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	197364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	318603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	271746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	123998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	110374	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.04%			
35) Dibromofluoromethane	7.74	113	91538	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.26%			
50) Toluene-d8	10.18	98	363430	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
62) 4-Bromofluorobenzene	12.48	95	121655	43.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.62%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	3392	1.406	ug/l #	76
10) Methyl Iodide	4.11	142	19	1.192	ug/l #	41
11) Tert butyl alcohol	4.95	59	855	3.924	ug/l #	73
16) Acetone	3.96	43	4625	6.860	ug/l	96
20) Methylene Chloride	4.72	84	9667	Below Cal		93
25) 2-Butanone	7.00	43	1253	1.319	ug/l #	48
31) Cyclohexane	7.80	56	4599	1.155	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	15047	4.824	ug/l #	49
38) Carbon Tetrachloride	7.80	117	19676	6.515	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	62780	41.174	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	62780	90.087	ug/l #	14

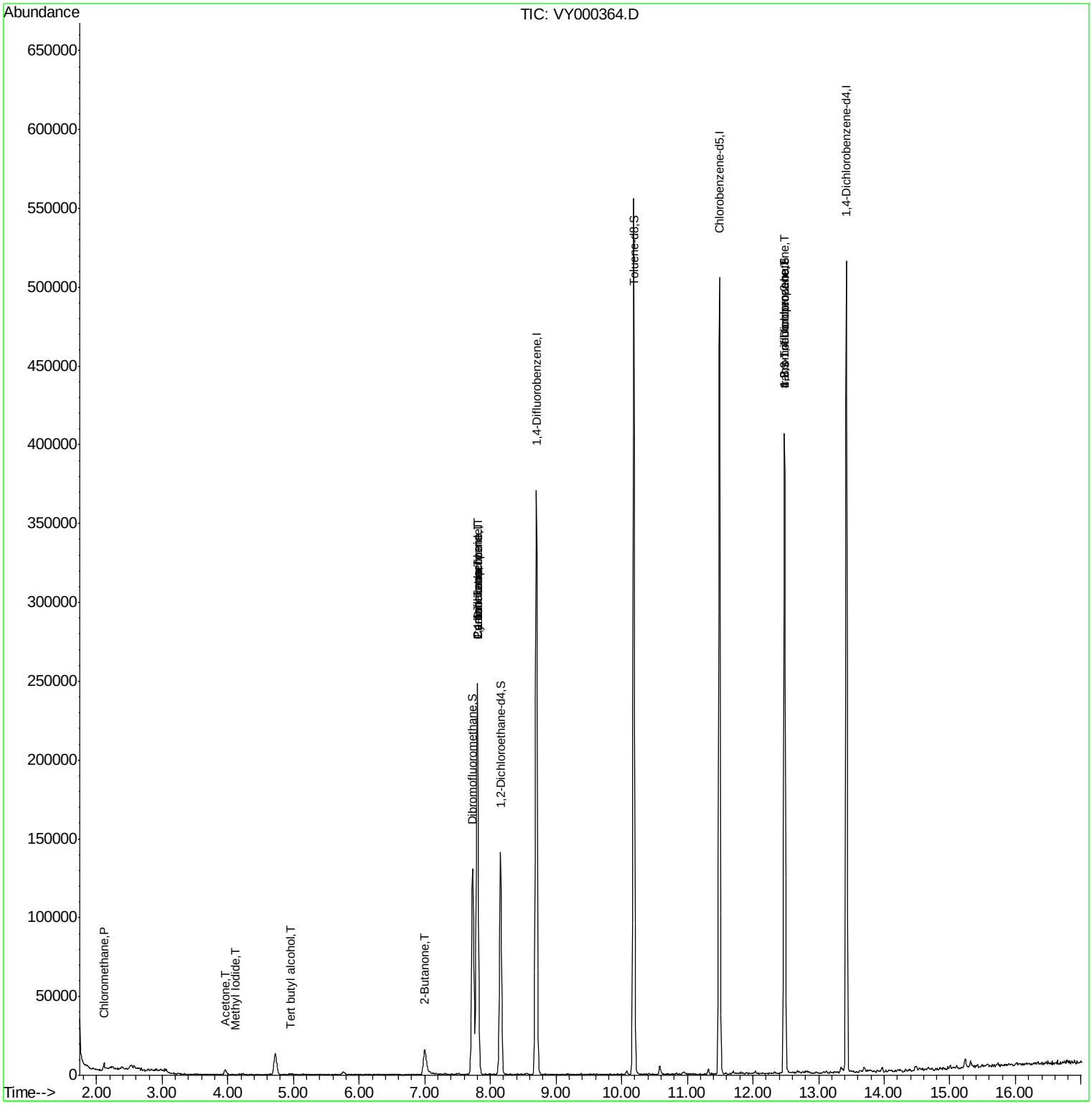
(#) = qualifier out of range (m) = manual integration (+) = signals summed

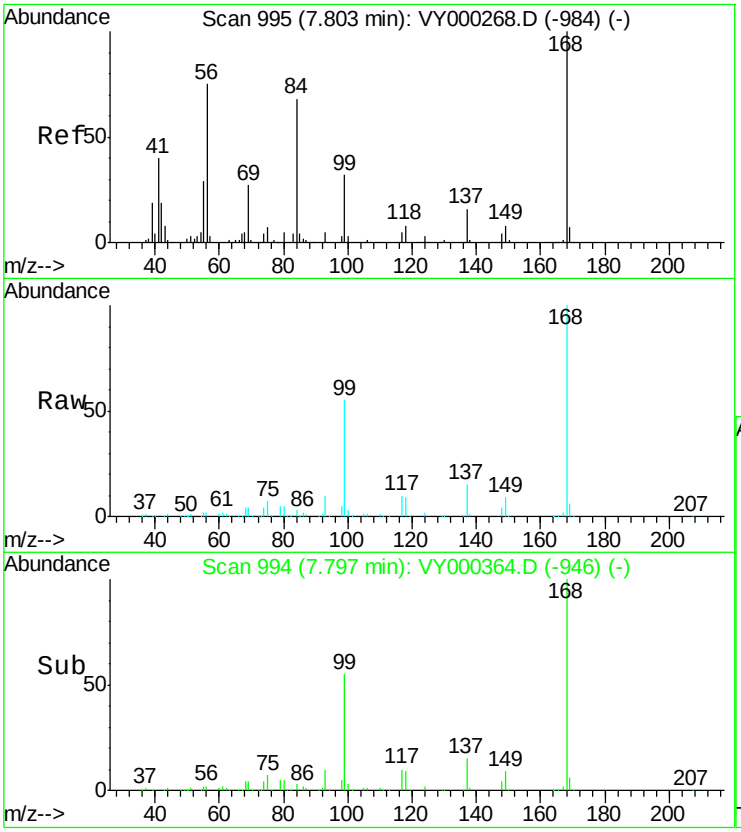
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
Data File : VY000364.D
Acq On : 22 Oct 2019 14:51
Operator : SY/MD
Sample : K5480-02
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-1A

Quant Time: Oct 23 08:02:47 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



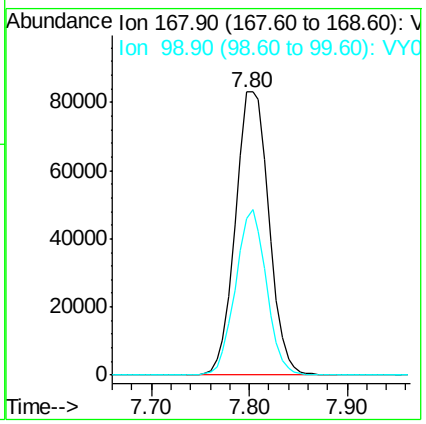


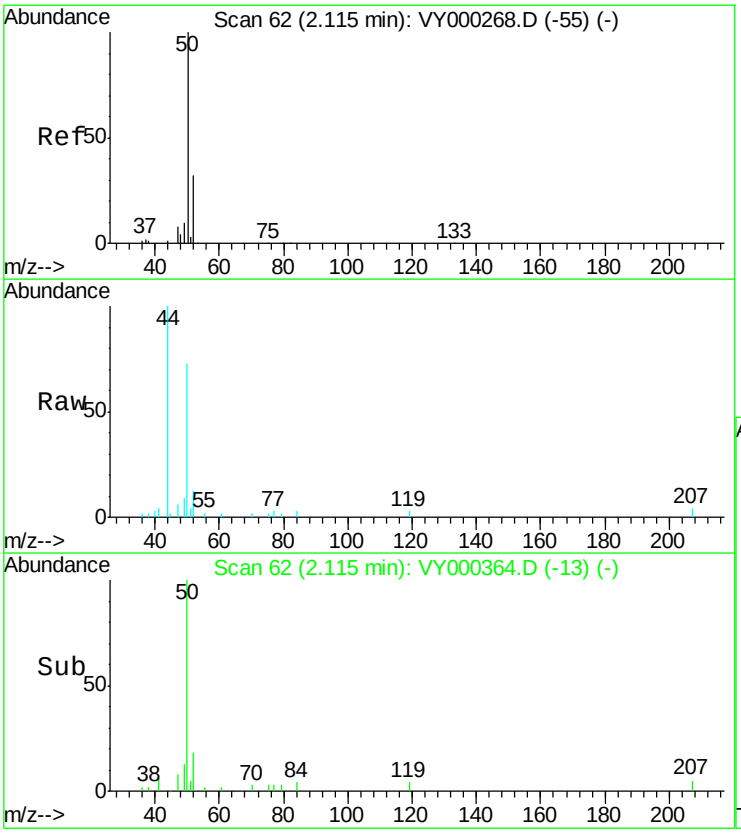
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Instrument :
MSVOA_Y
ClientSampleId :
B-1A

Tgt Ion:168 Resp: 197364

Ion	Ratio	Lower	Upper
168	100		
99	55.4	46.6	69.8

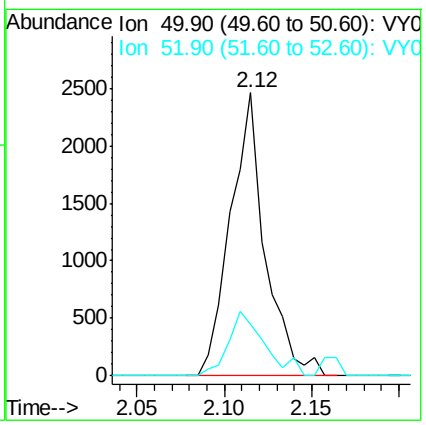


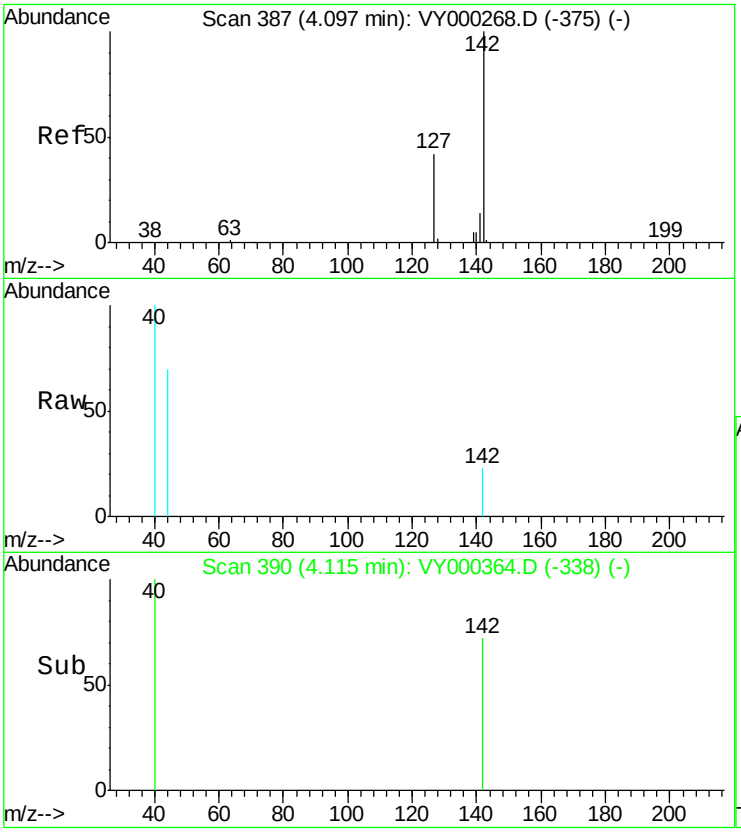


#3
Chloromethane
Concen: 1.406 ug/l
RT: 2.12 min Scan# 62
Delta R.T. -0.00 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Tgt Ion: 50 Resp: 3392

Ion	Ratio	Lower	Upper
50	100		
52	18.3	25.3	37.9#



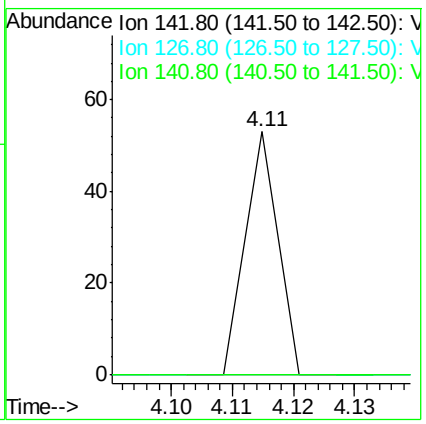


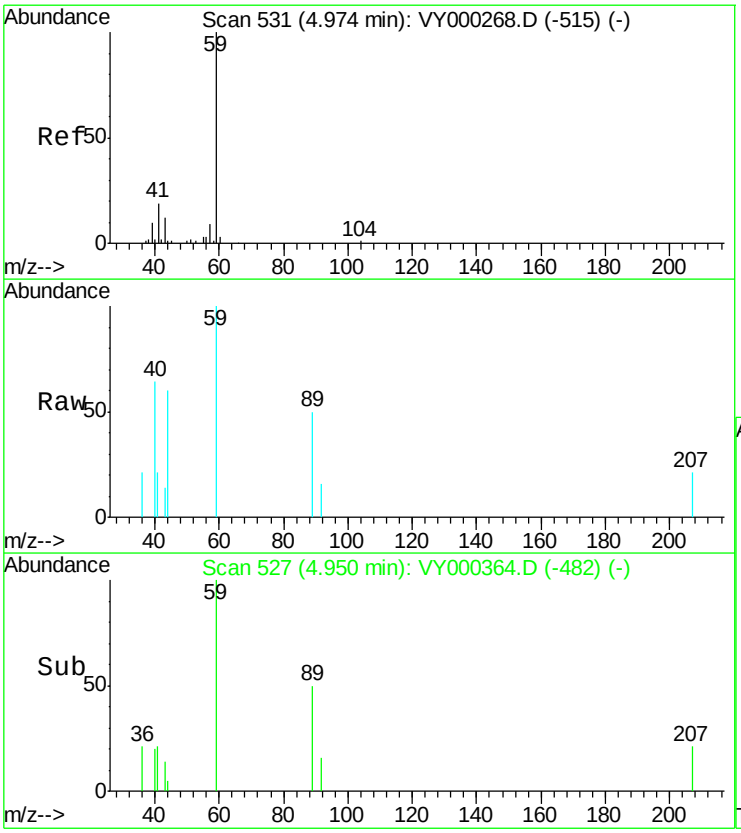
#10
Methyl Iodide
Concen: 1.192 ug/l
RT: 4.11 min Scan# 390
Delta R.T. 0.02 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Instrument :
MSVOA_Y
ClientSampleId :
B-1A

Tgt Ion:142 Resp: 19

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

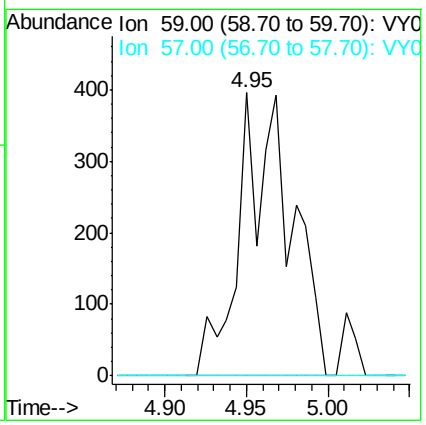


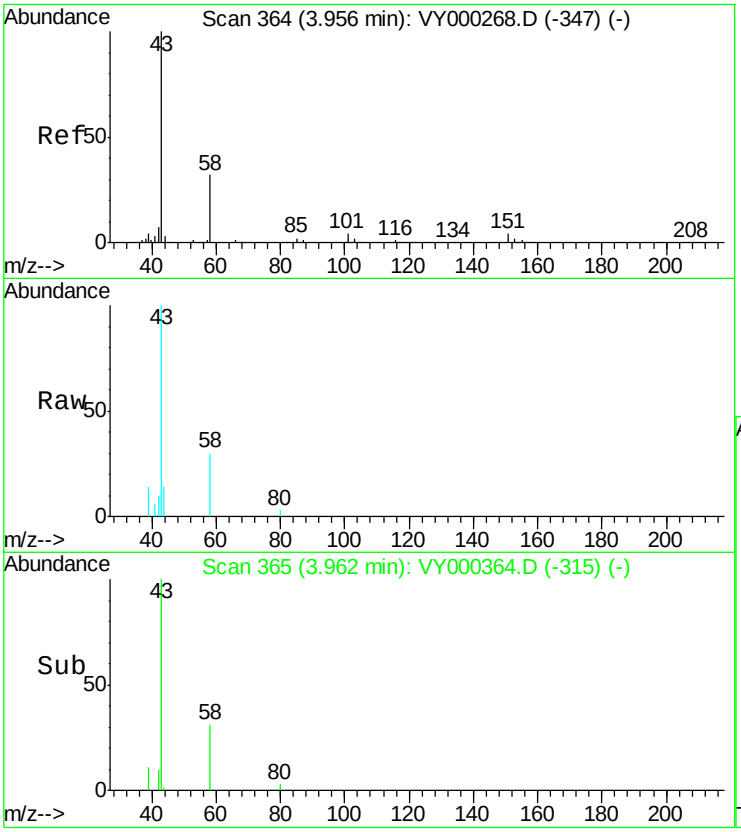


#11
Tert butyl alcohol
Concen: 3.924 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.02 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Tgt Ion: 59 Resp: 855

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



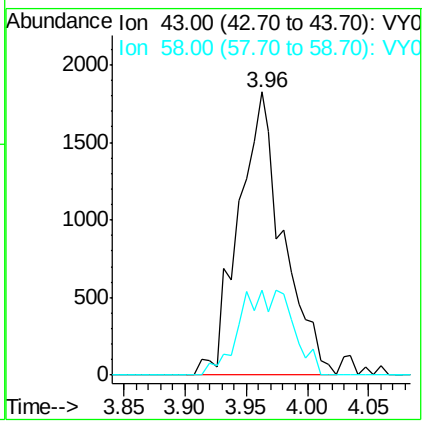


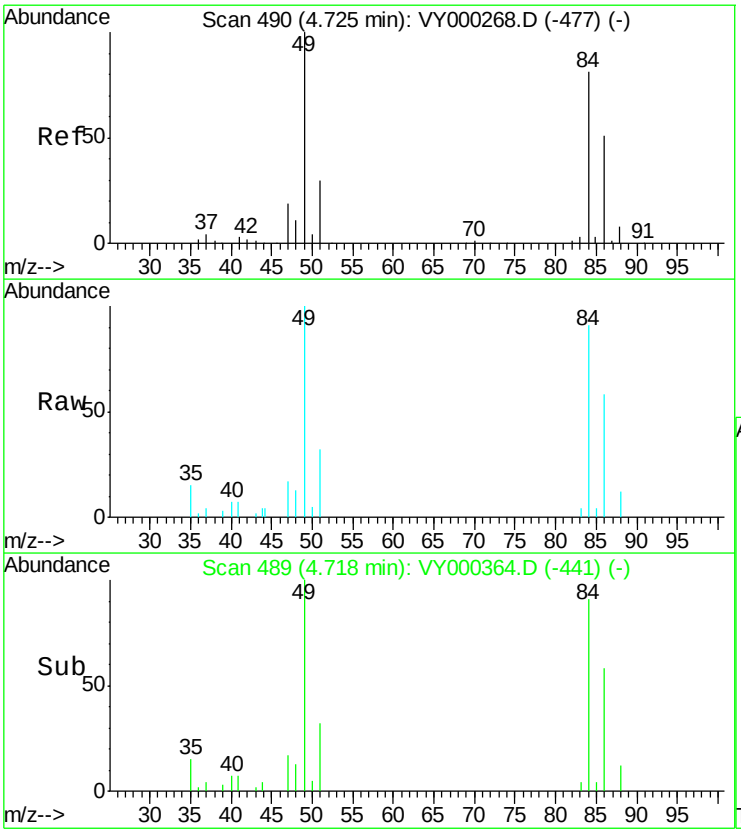
#16
Acetone
Concen: 6.860 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Instrument : MSVOA_Y
ClientSampleId : B-1A

Tgt Ion: 43 Resp: 4625

Ion	Ratio	Lower	Upper
43	100		
58	30.0	25.8	38.6

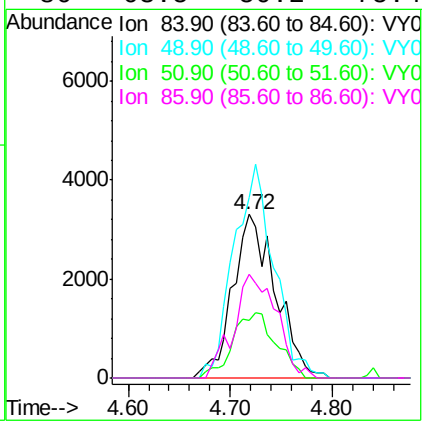


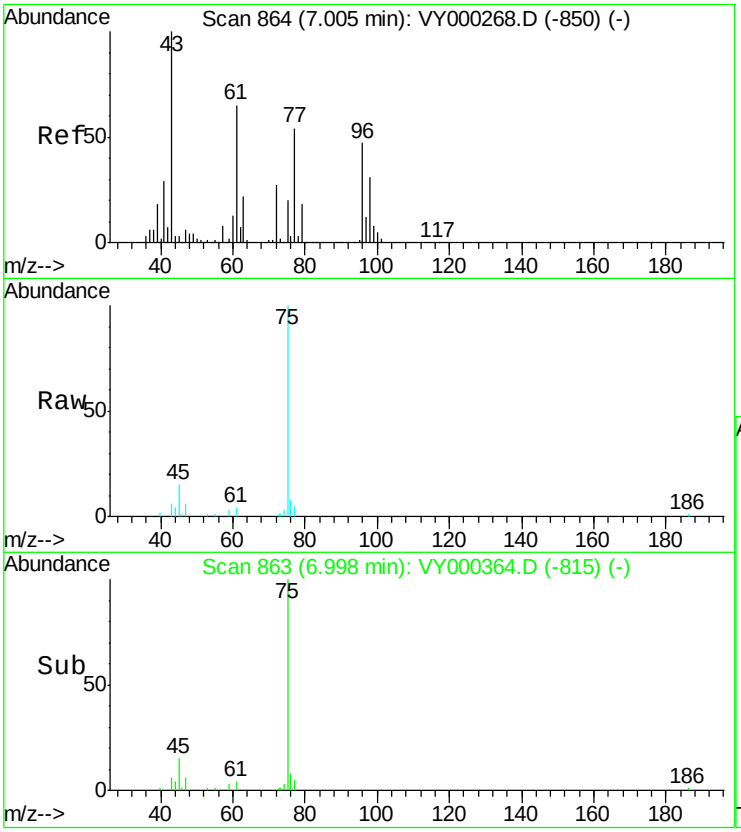


#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Tgt Ion: 84 Resp: 9667

Ion	Ratio	Lower	Upper
84	100		
49	109.9	99.0	148.4
51	35.0	29.3	43.9
86	63.5	50.2	75.4



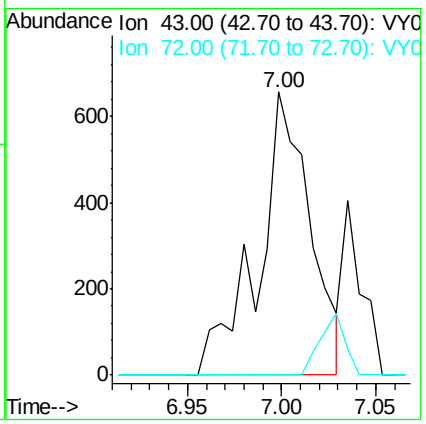


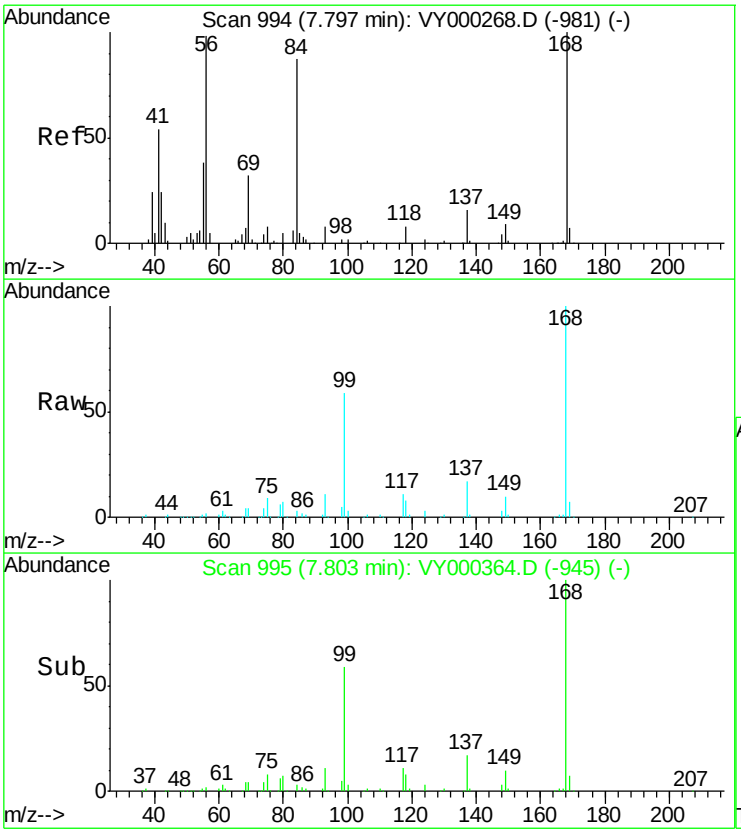
#25
2-Butanone
Concen: 1.319 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Instrument : MSVOA_Y
ClientSampleId : B-1A

Tgt Ion: 43 Resp: 1253

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#

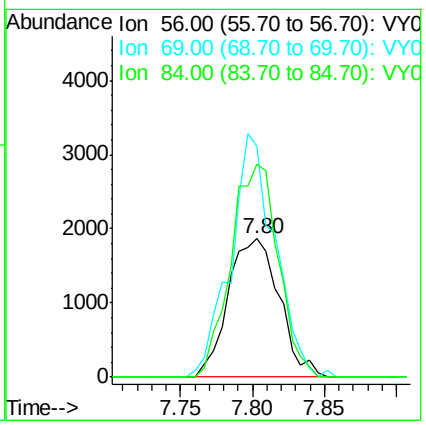


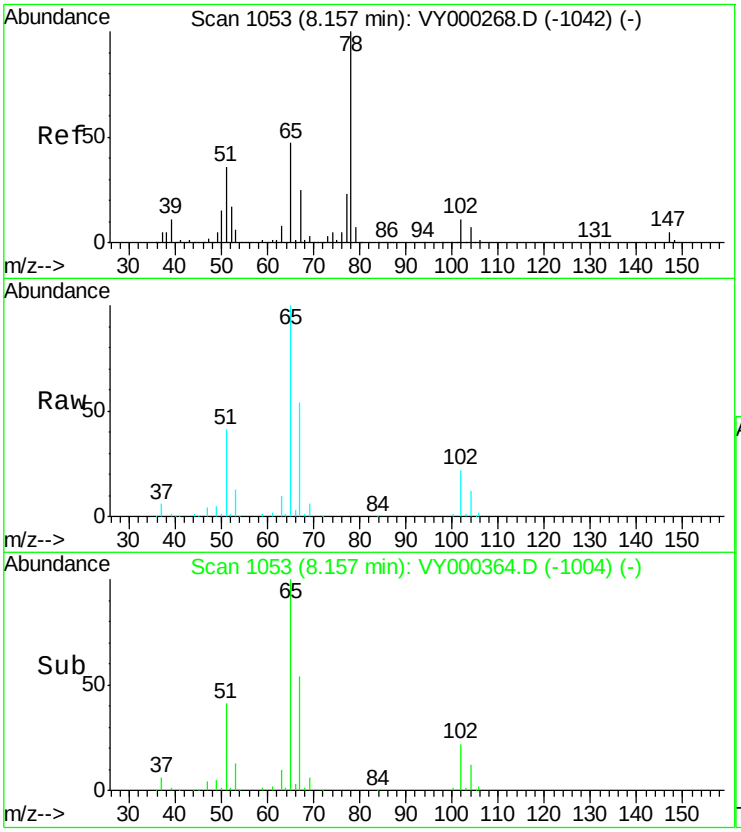


#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Tgt Ion: 56 Resp: 4599

Ion	Ratio	Lower	Upper
56	100		
69	167.0	26.3	39.5#
84	153.7	70.8	106.2#



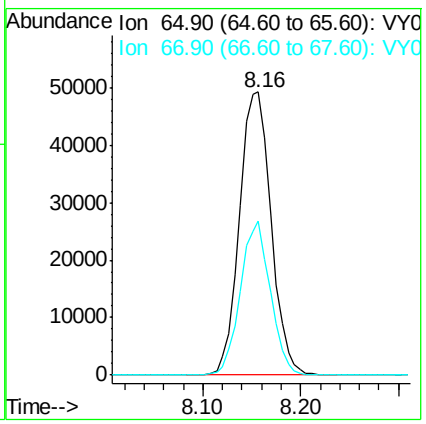


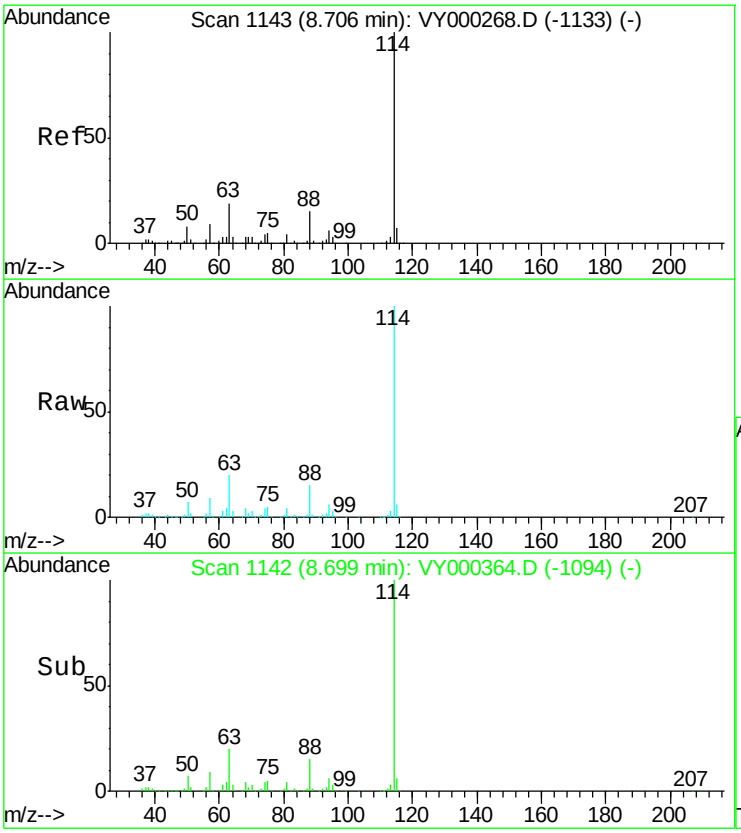
#33
1,2-Dichloroethane-d4
Concen: 53.016 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Instrument :
MSVOA_Y
ClientSampleId :
B-1A

Tgt Ion: 65 Resp: 110374

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	109.4

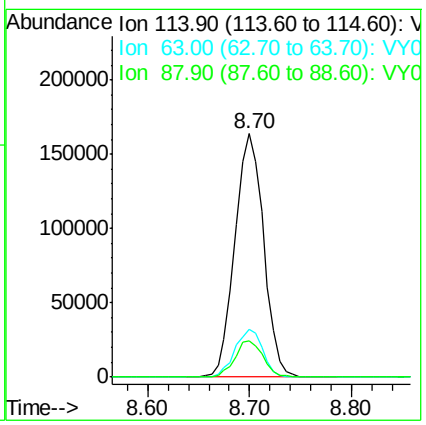


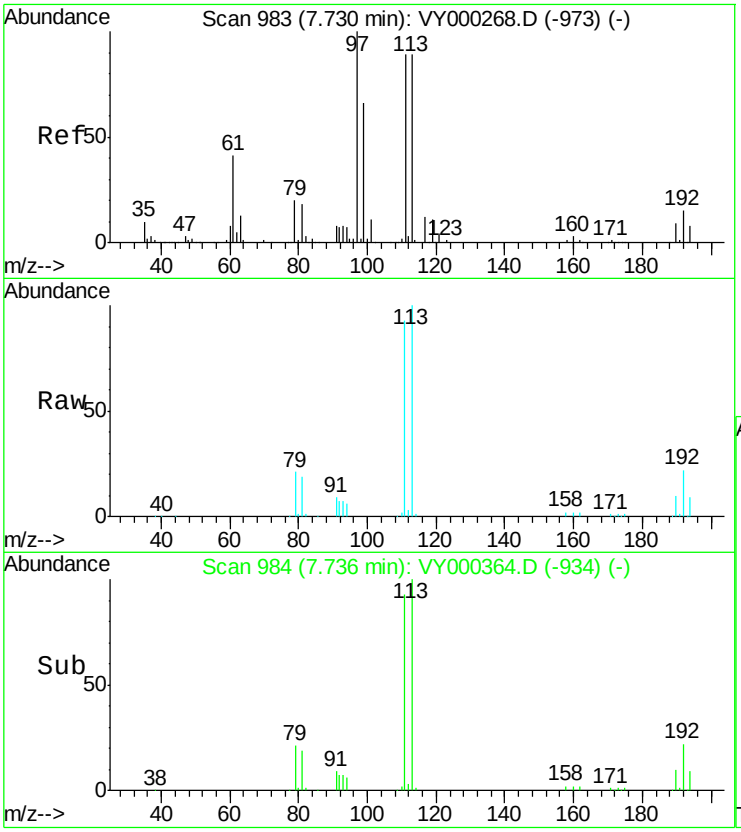


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Tgt Ion:114 Resp: 318603

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	37.2
88	14.9	0.0	30.2



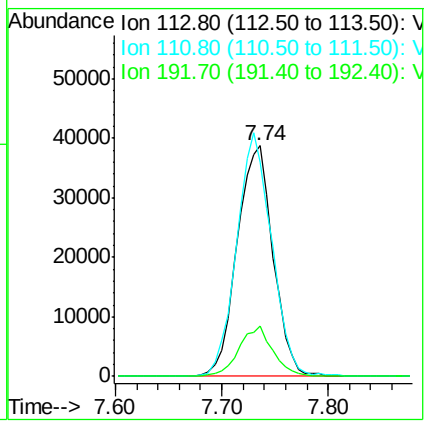


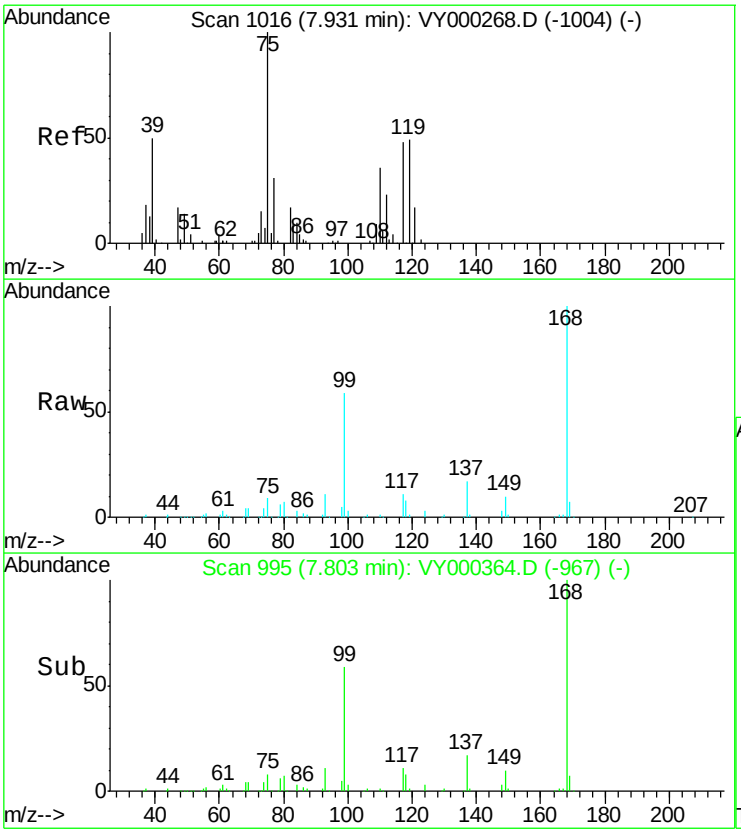
#35
Dibromofluoromethane
Concen: 47.630 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Instrument :
MSVOA_Y
ClientSampleId :
B-1A

Tgt Ion:113 Resp: 91538

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	20.5	15.3	22.9

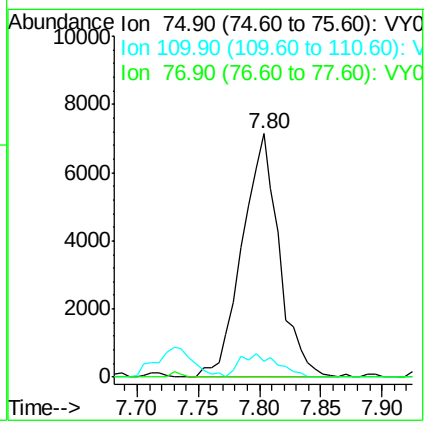


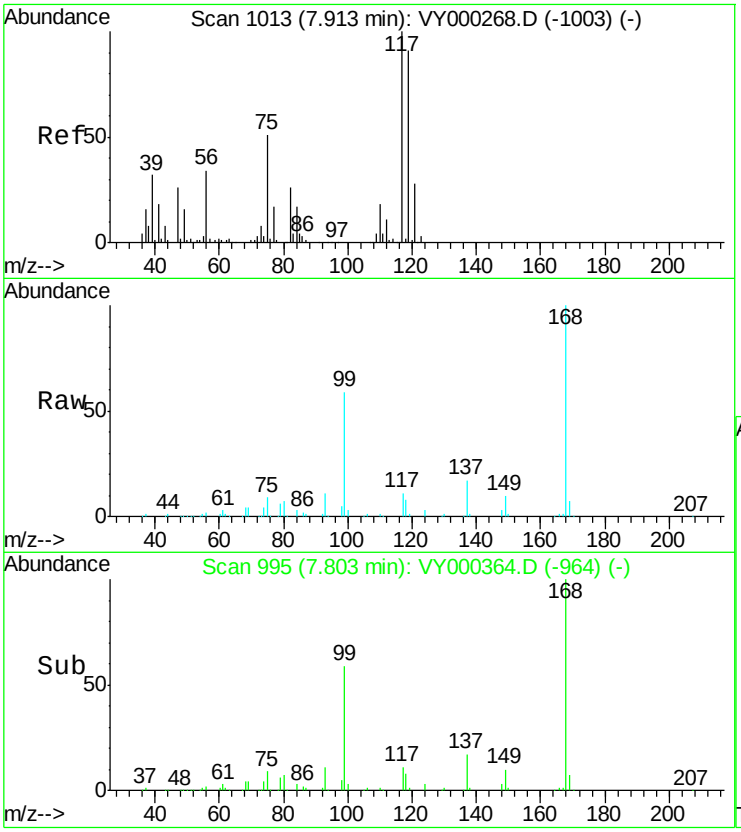


#36
1,1-Dichloropropene
Concen: 4.824 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Tgt Ion: 75 Resp: 15047

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.4	55.4#
77	0.0	25.0	37.6#



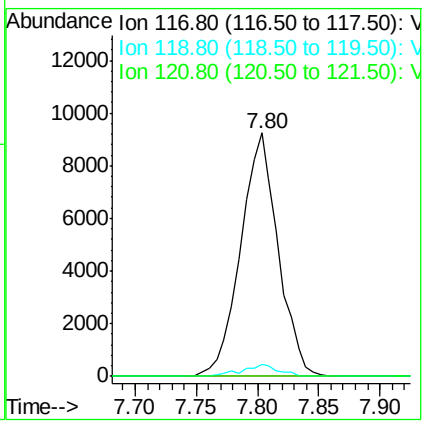


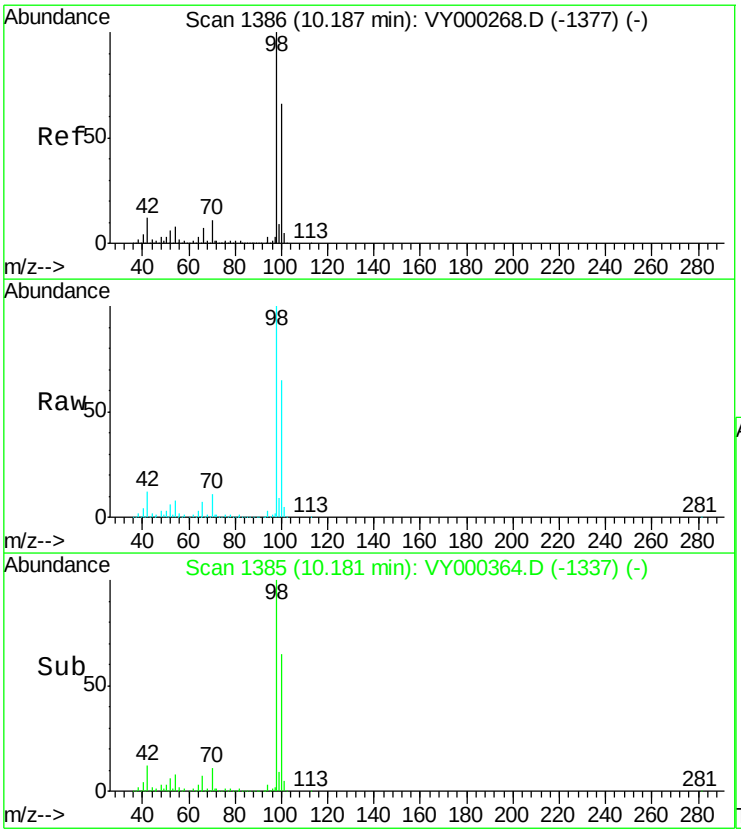
#38
Carbon Tetrachloride
Concen: 6.515 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Instrument :
MSVOA_Y
ClientSampleId :
B-1A

Tgt Ion:117 Resp: 19676

Ion	Ratio	Lower	Upper
117	100		
119	4.9	72.8	109.2#
121	0.0	22.2	33.2#

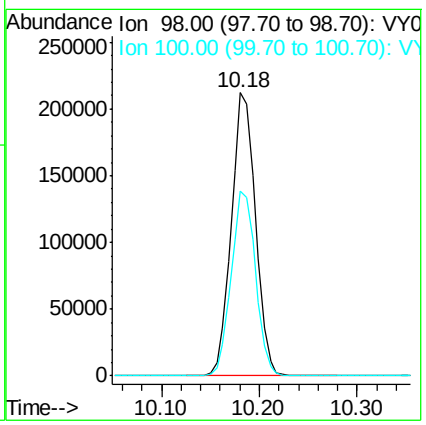


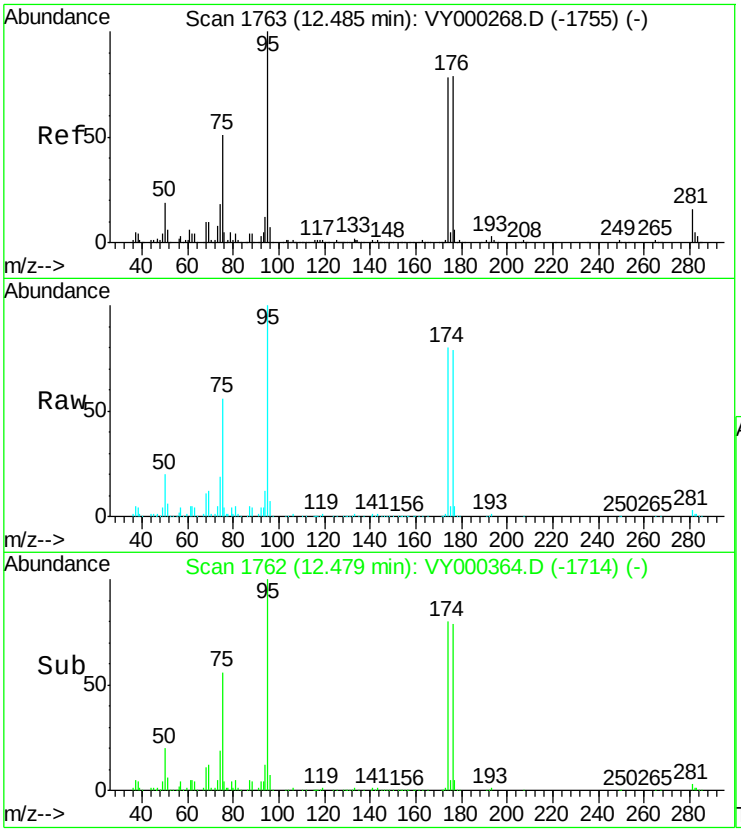


#50
Toluene-d8
Concen: 49.160 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Tgt Ion: 98 Resp: 363430

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.8	79.2



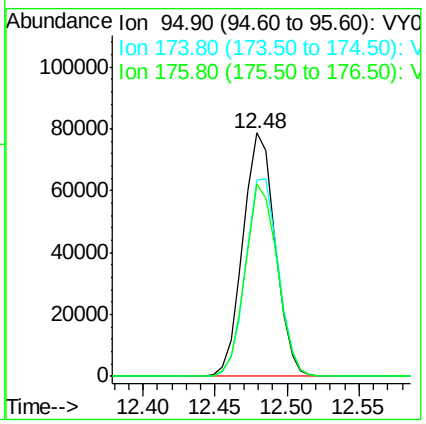


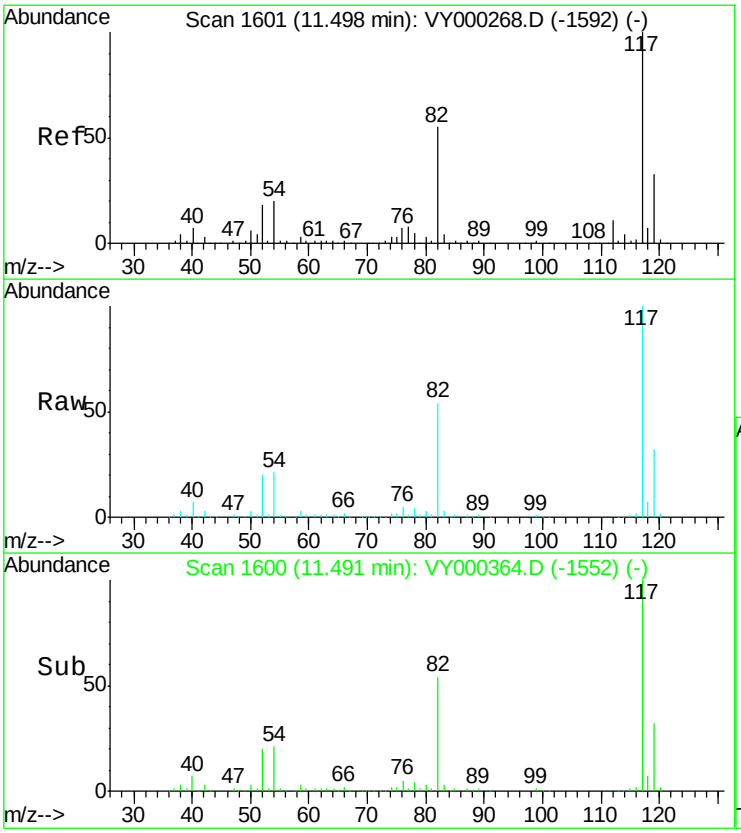
#62
4-Bromofluorobenzene
Concen: 43.315 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Instrument : MSVOA_Y
ClientSampleId : B-1A

Tgt Ion: 95 Resp: 121655

Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	159.6
176	78.9	0.0	153.8

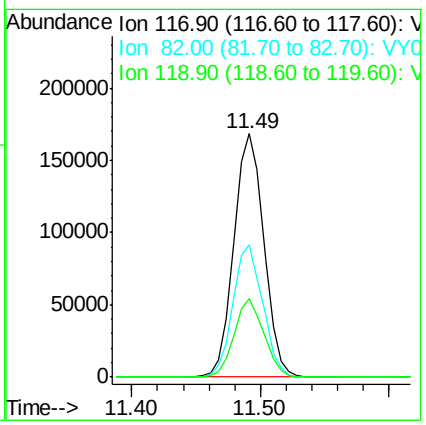


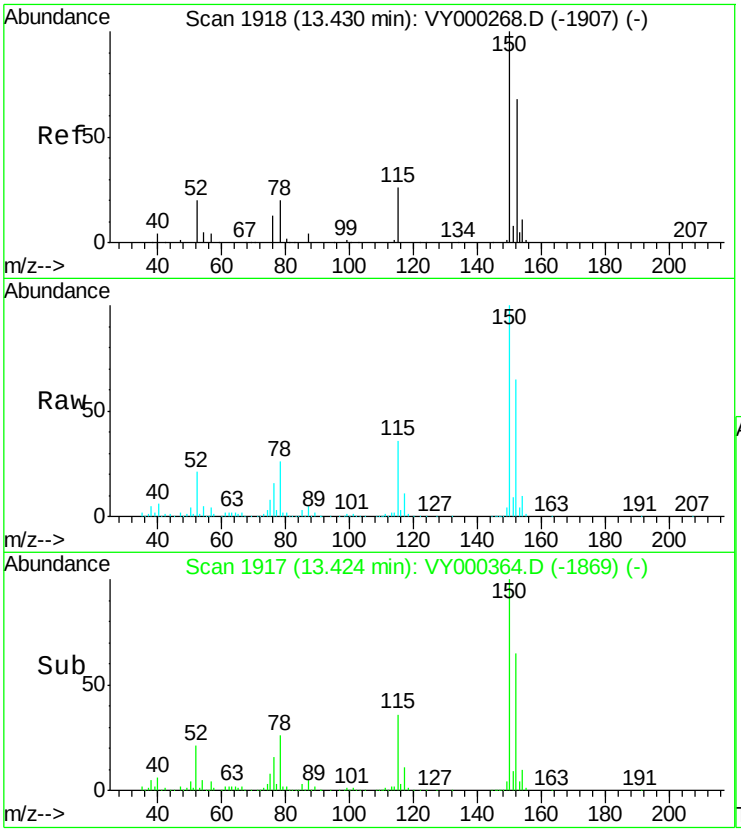


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Tgt Ion:117 Resp: 271746

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.7	65.5
119	32.5	26.6	39.8



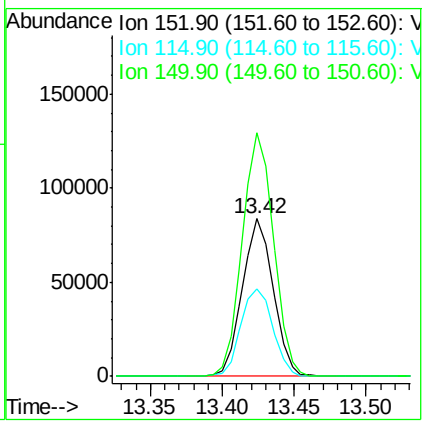


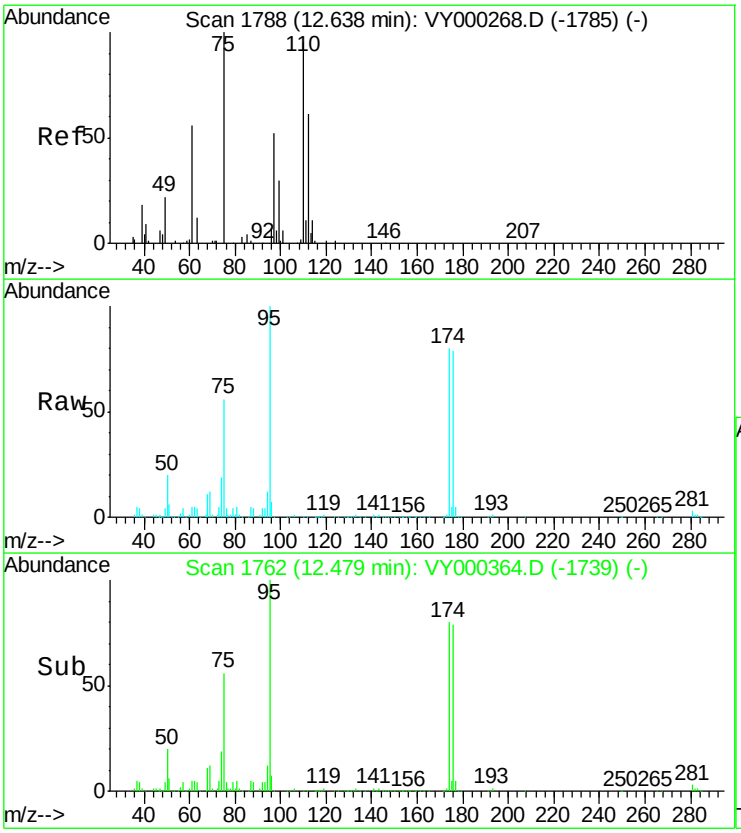
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Instrument :
MSVOA_Y
ClientSampleId :
B-1A

Tgt Ion:152 Resp: 123998

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	88.0
150	156.4	0.0	348.4

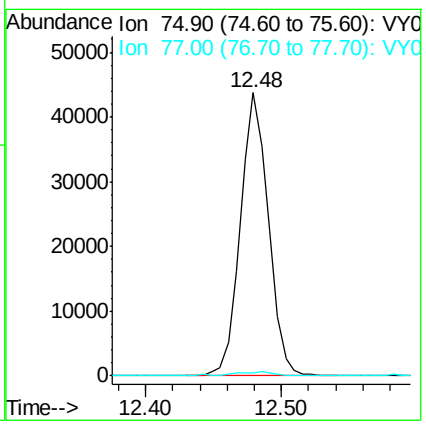


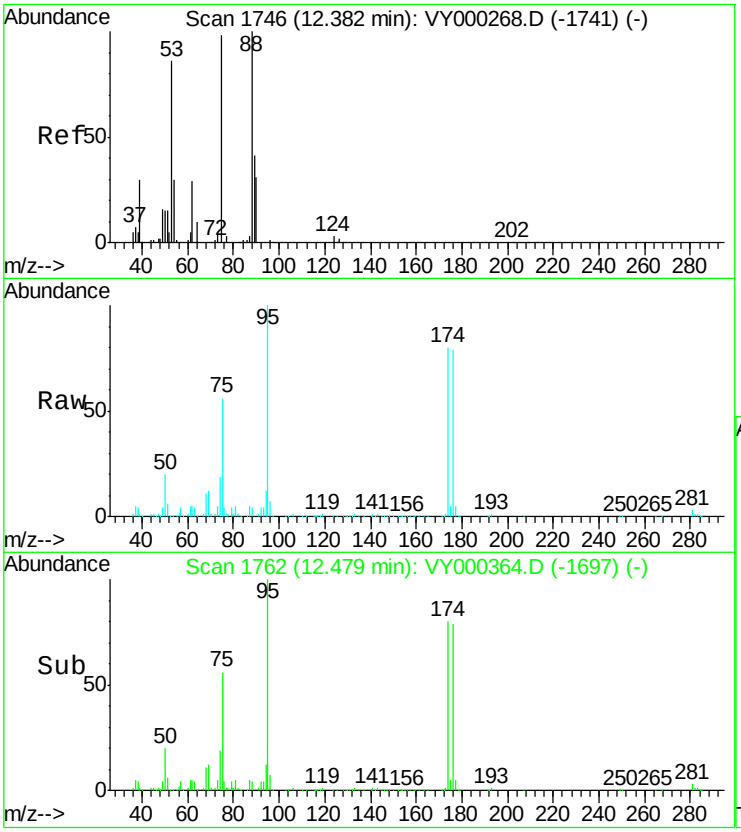


#76
1,2,3-Trichloropropane
Concen: 41.174 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Tgt Ion: 75 Resp: 62780

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.087 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000364.D
Acq: 22 Oct 2019 14:51

Instrument :
MSVOA_Y
ClientSampleId :
B-1A

Tgt Ion: 75 Resp: 62780

Ion	Ratio	Lower	Upper
75	100		
53	0.1	71.3	106.9#
89	0.2	35.1	52.7#