Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102519\
Data File : VY000425.D
Acq On : 25 Oct 2019 13:47
Operator : SY/MD
Sample : K5544-02
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 26 01:44:40 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	217614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	374038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	327838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	150896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123810	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.88%			
35) Dibromofluoromethane	7.73	113	109621	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.18%			
50) Toluene-d8	10.19	98	431148	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.36%			
62) 4-Bromofluorobenzene	12.49	95	146049	44.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	130	Below Cal	#	41
10) Methyl Iodide	4.11	142	140	1.229	ug/l #	84
11) Tert butyl alcohol	4.97	59	585	2.435	ug/l #	73
16) Acetone	3.99	43	2803	3.771	ug/l #	80
20) Methylene Chloride	4.72	84	7036	Below Cal	#	82
25) 2-Butanone	7.00	43	1122	1.071	ug/l #	72
31) Cyclohexane	7.80	56	5031	1.146	ug/l #	9
36) 1,1-Dichloropropene	7.80	75	16736	4.570	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21649	6.106	ug/l #	19
49) 1,4-Dioxane	9.34	88	22	1.011	ug/l #	24
76) 1,2,3-Trichloropropane	12.48	75	75985	40.951	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	75985	89.599	ug/l #	14

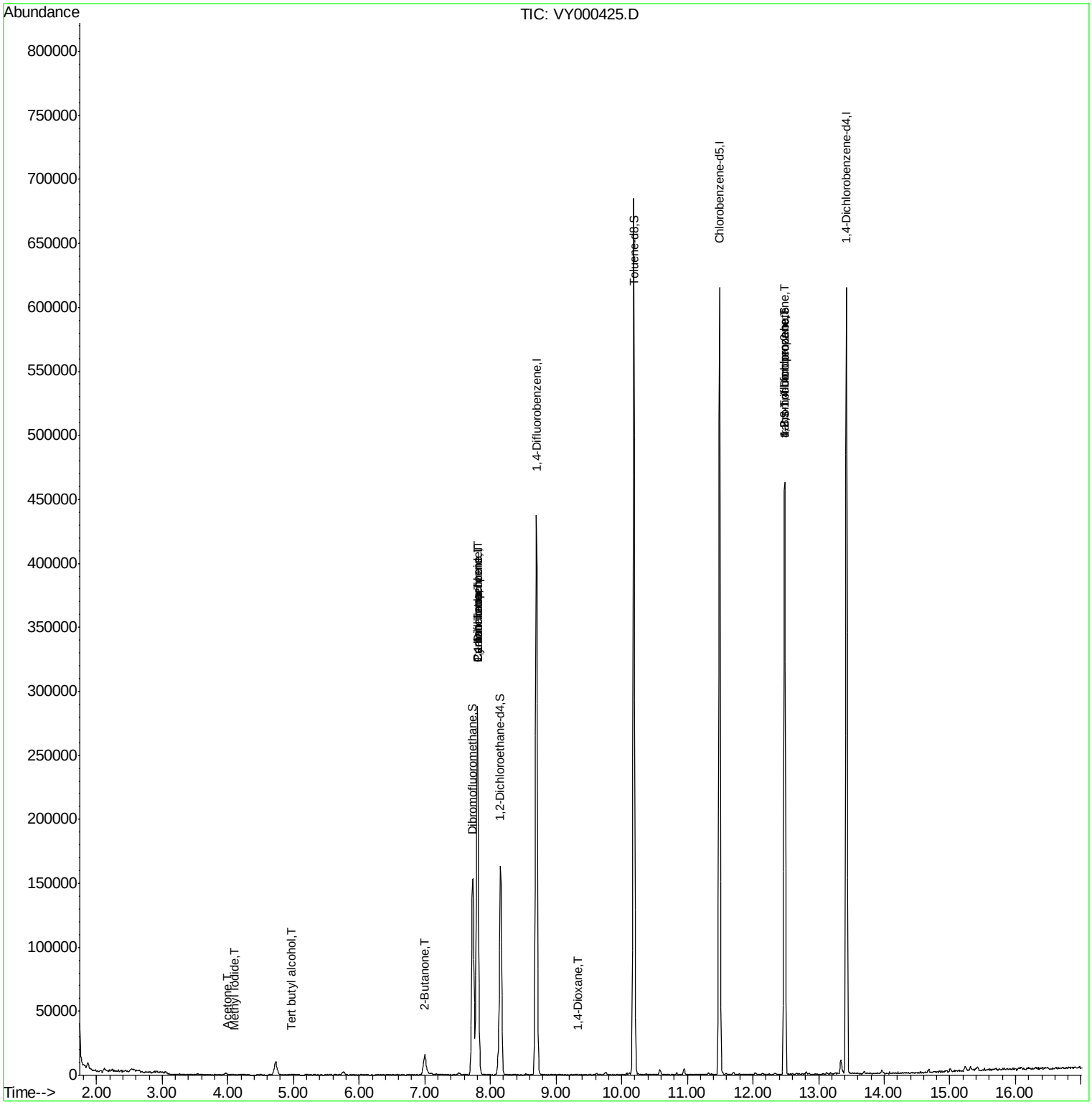
(#) = qualifier out of range (m) = manual integration (+) = signals summed

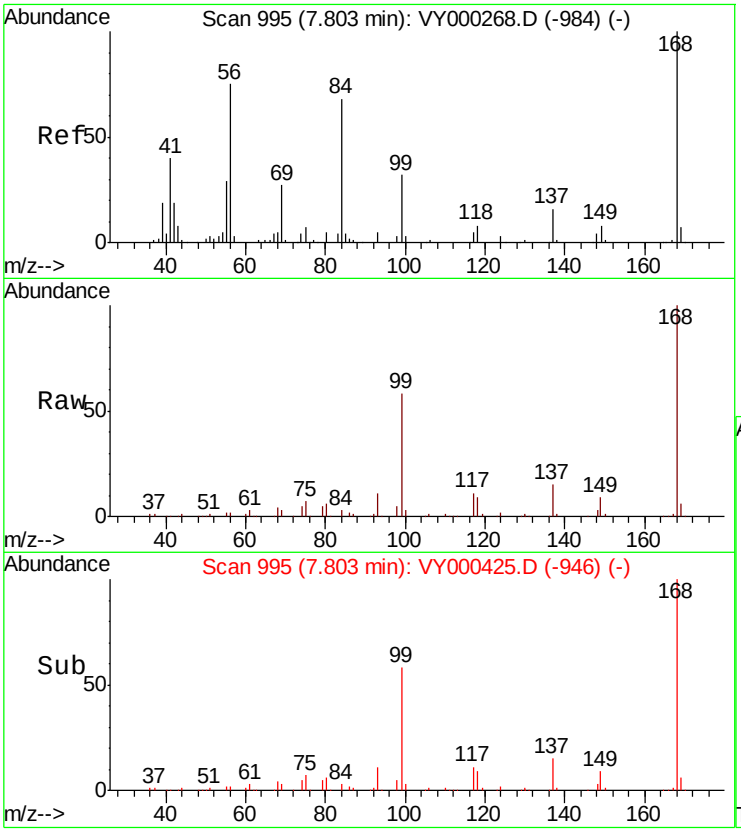
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102519\
Data File : VY000425.D
Acq On : 25 Oct 2019 13:47
Operator : SY/MD
Sample : K5544-02
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 26 01:44:40 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



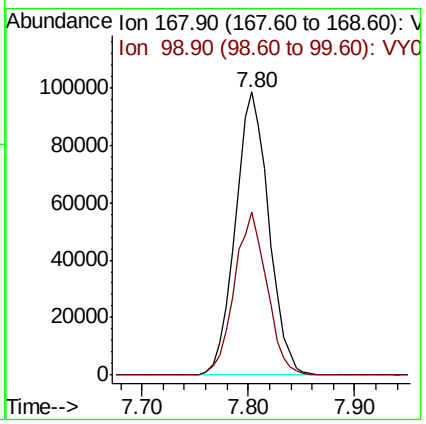


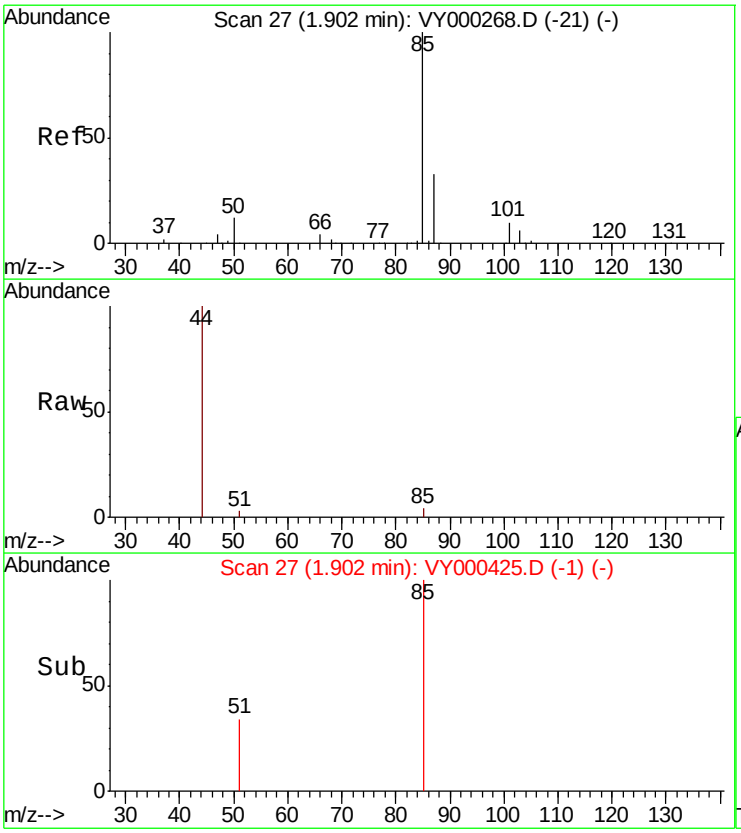
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 217614

Ion	Ratio	Lower	Upper
168	100		
99	57.7	46.6	69.8

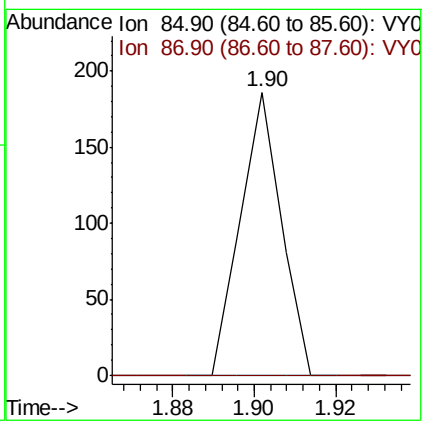


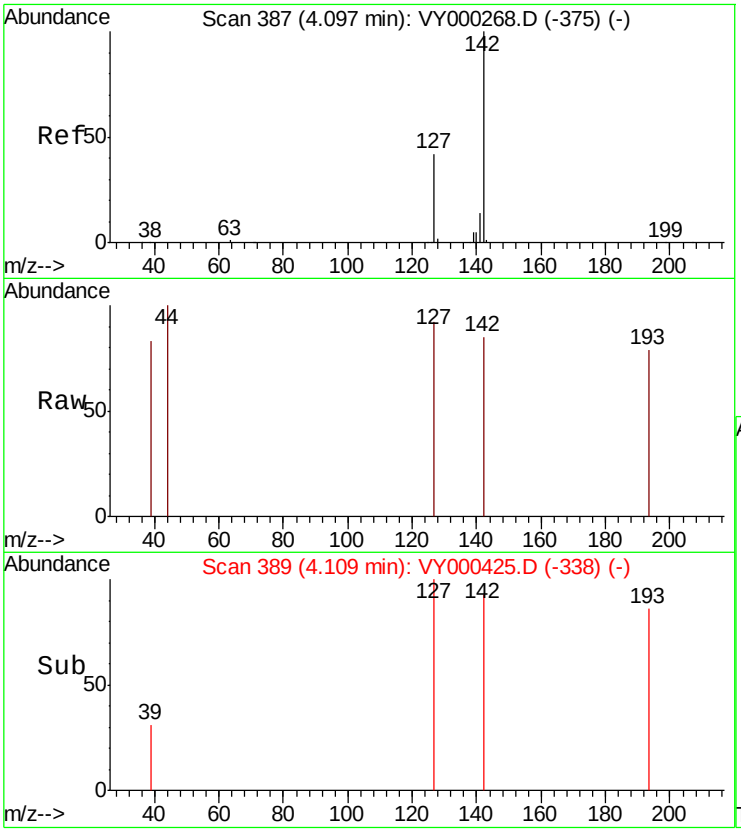


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Tgt Ion: 85 Resp: 130

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



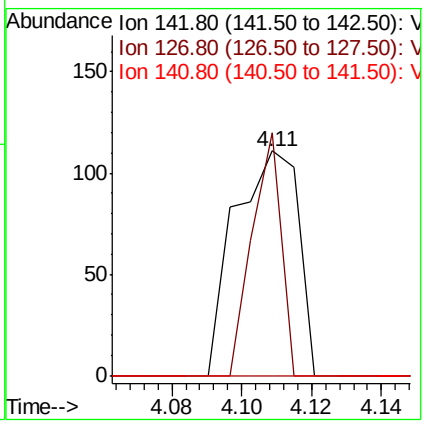


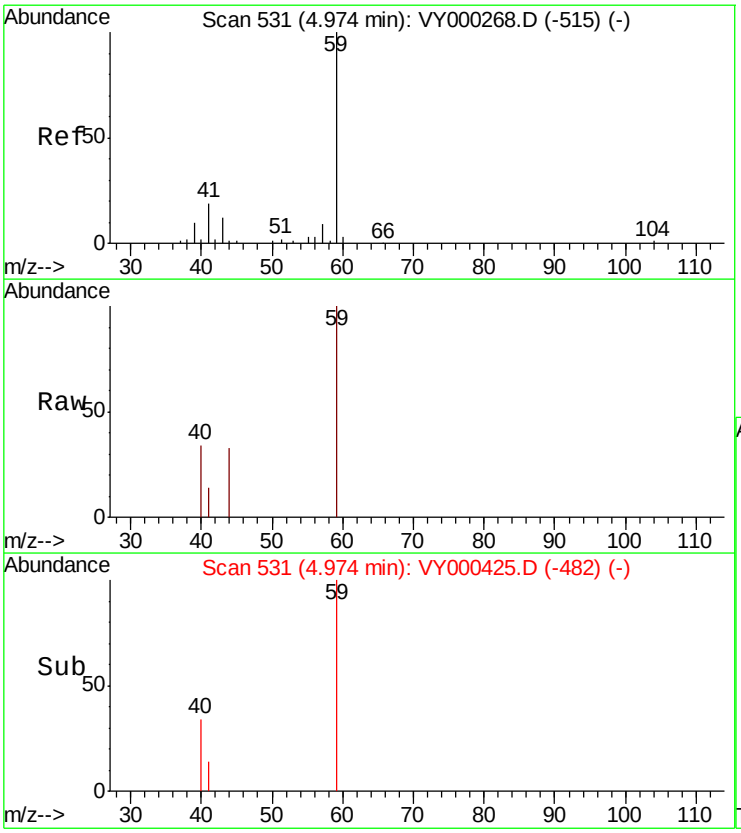
#10
Methyl Iodide
Concen: 1.229 ug/l
RT: 4.11 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 140

Ion	Ratio	Lower	Upper
142	100		
127	48.6	33.9	50.9
141	0.0	11.2	16.8#

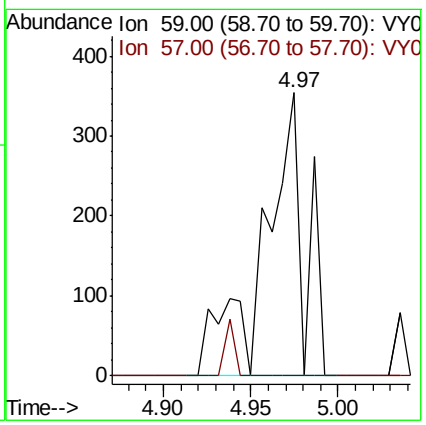


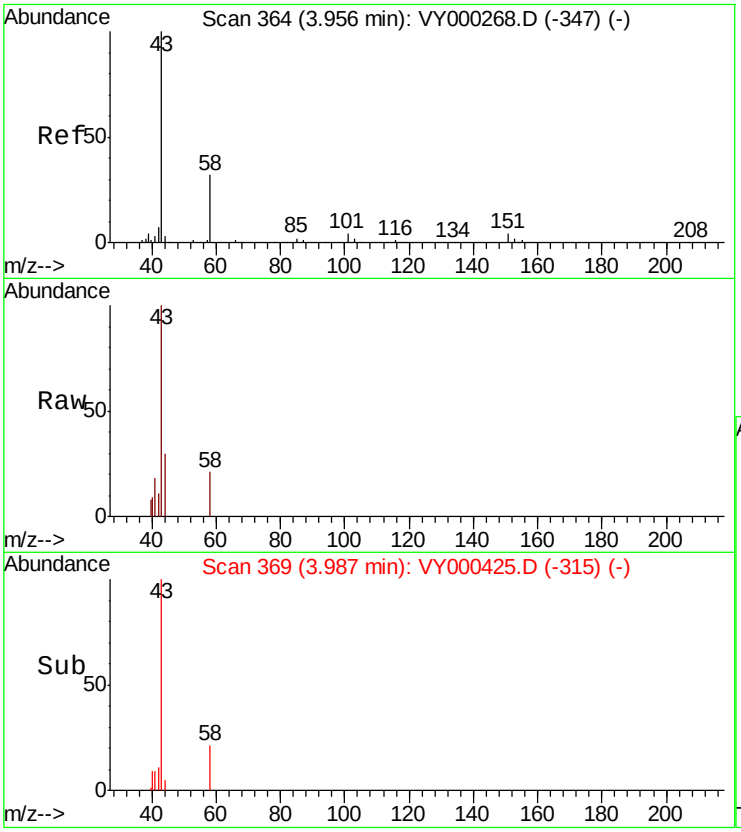


#11
Tert butyl alcohol
Concen: 2.435 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Tgt Ion: 59 Resp: 585

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



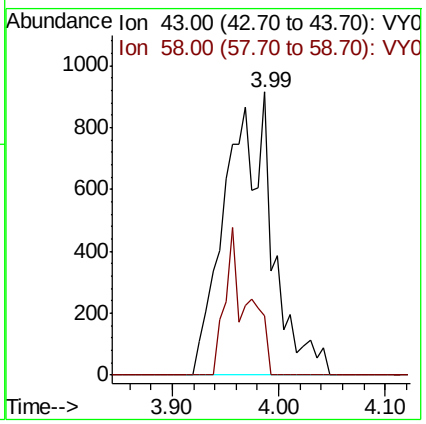


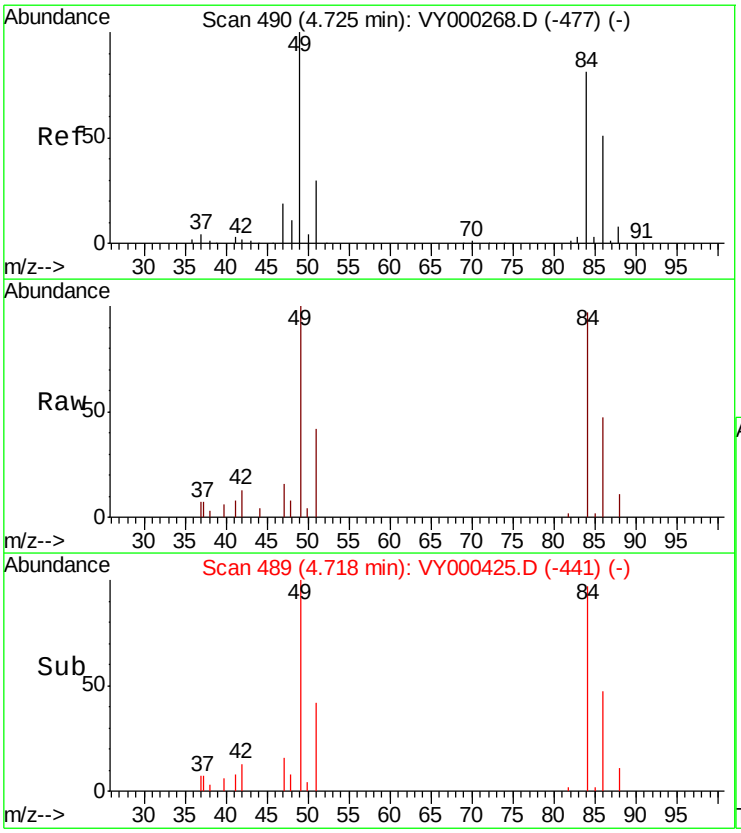
#16
Acetone
Concen: 3.771 ug/l
RT: 3.99 min Scan# 369
Delta R.T. 0.03 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2803

Ion	Ratio	Lower	Upper
43	100		
58	21.0	25.8	38.6#

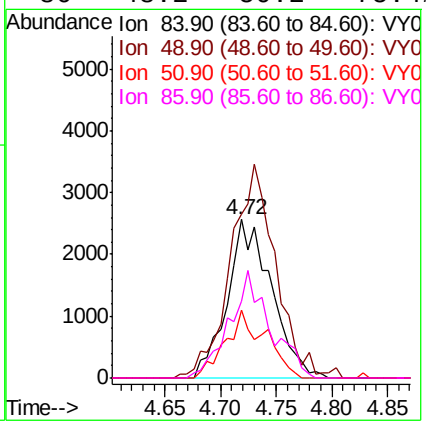


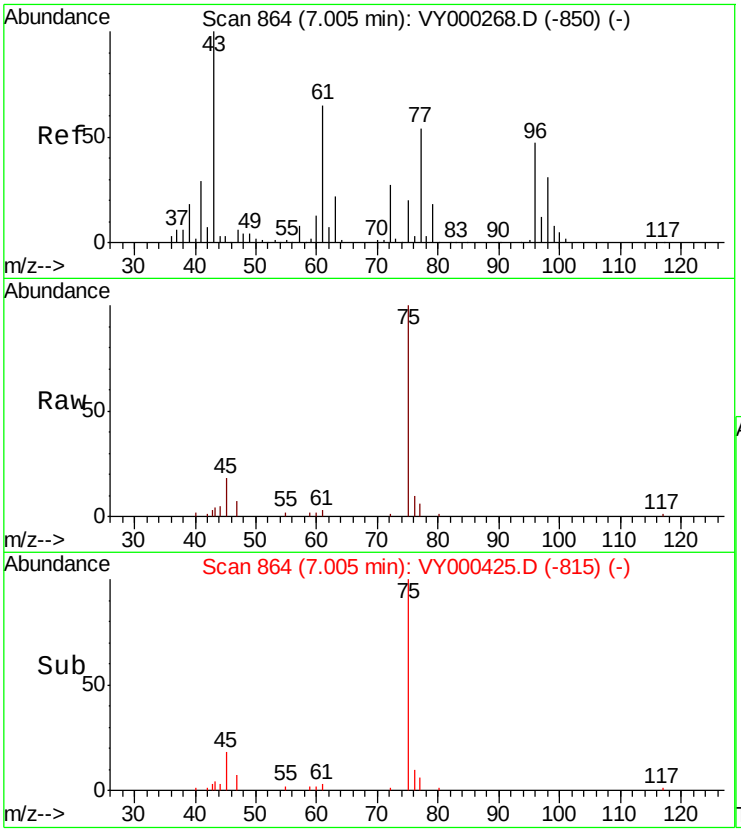


#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Tgt Ion: 84 Resp: 7036

Ion	Ratio	Lower	Upper
84	100		
49	100.8	99.0	148.4
51	43.0	29.3	43.9
86	48.2	50.2	75.4#



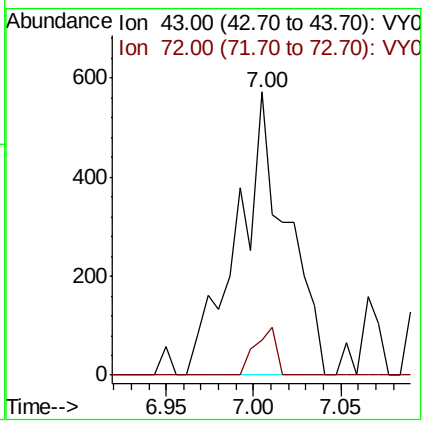


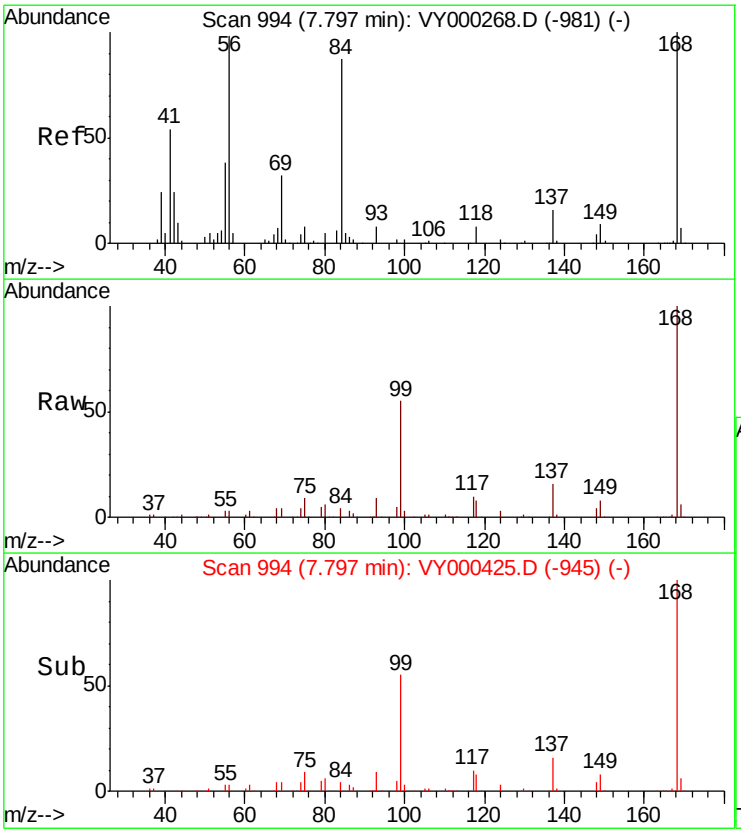
#25
2-Butanone
Concen: 1.071 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1122

Ion	Ratio	Lower	Upper
43	100		
72	12.6	21.4	32.2#

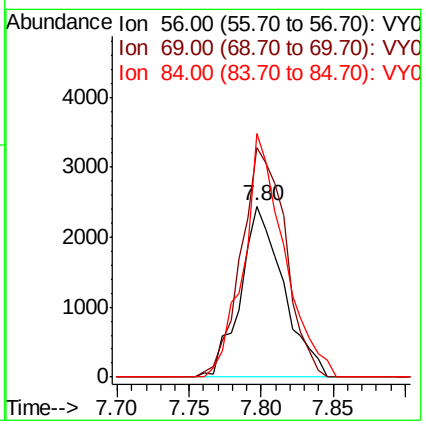


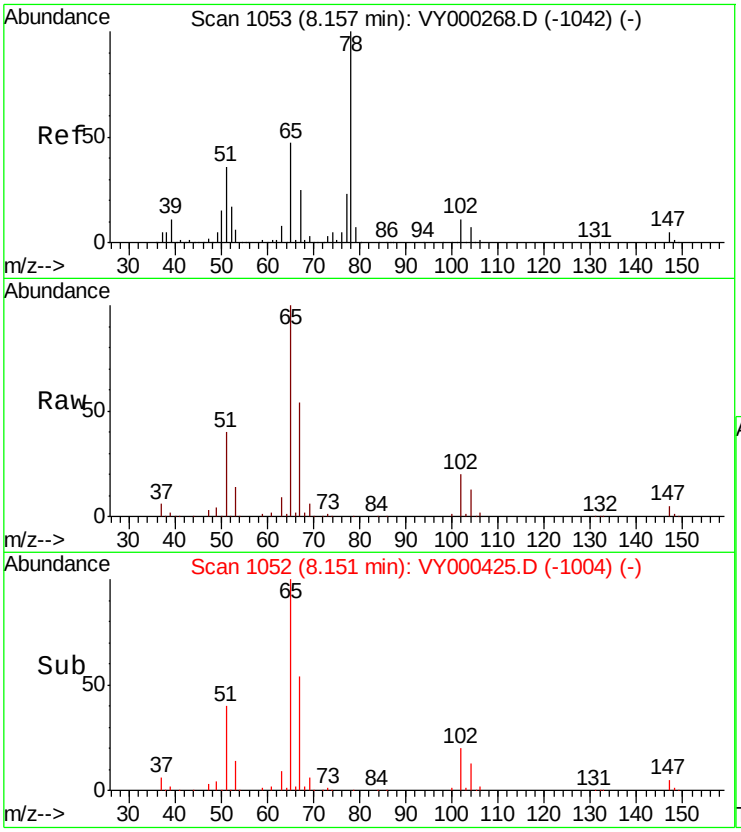


#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Tgt Ion: 56 Resp: 5031

Ion	Ratio	Lower	Upper
56	100		
69	133.9	26.3	39.5#
84	142.3	70.8	106.2#



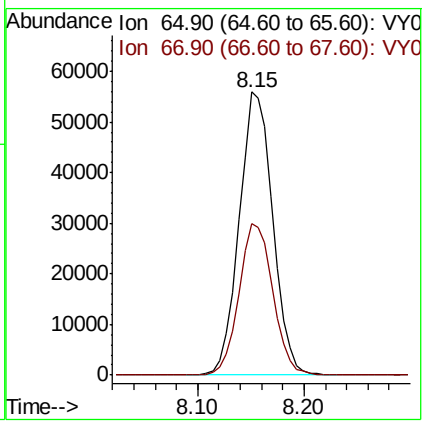


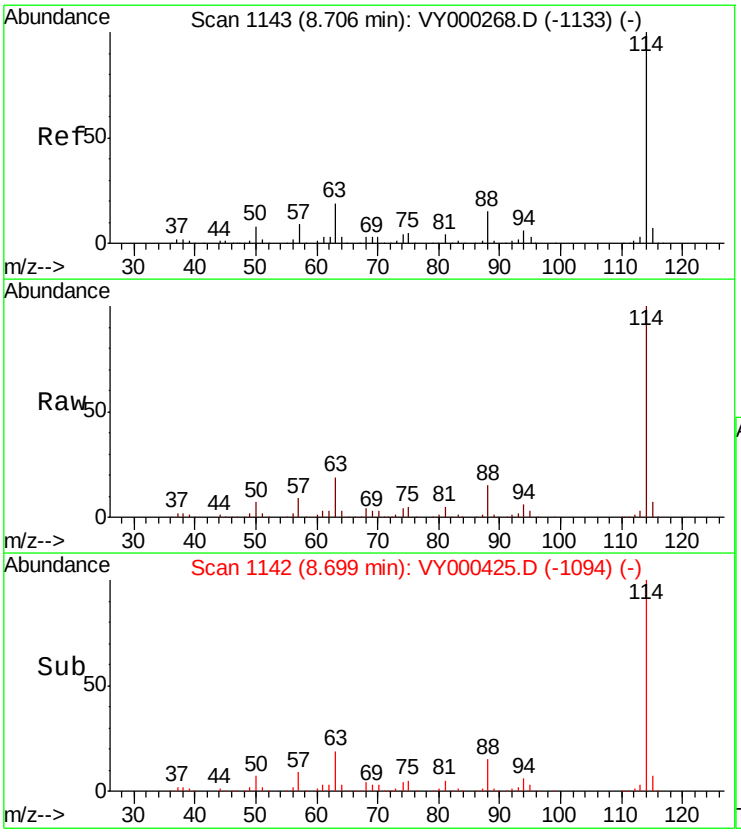
#33
1,2-Dichloroethane-d4
Concen: 53.936 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 123810

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.4

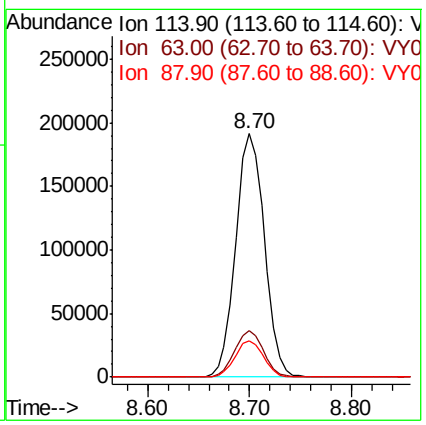


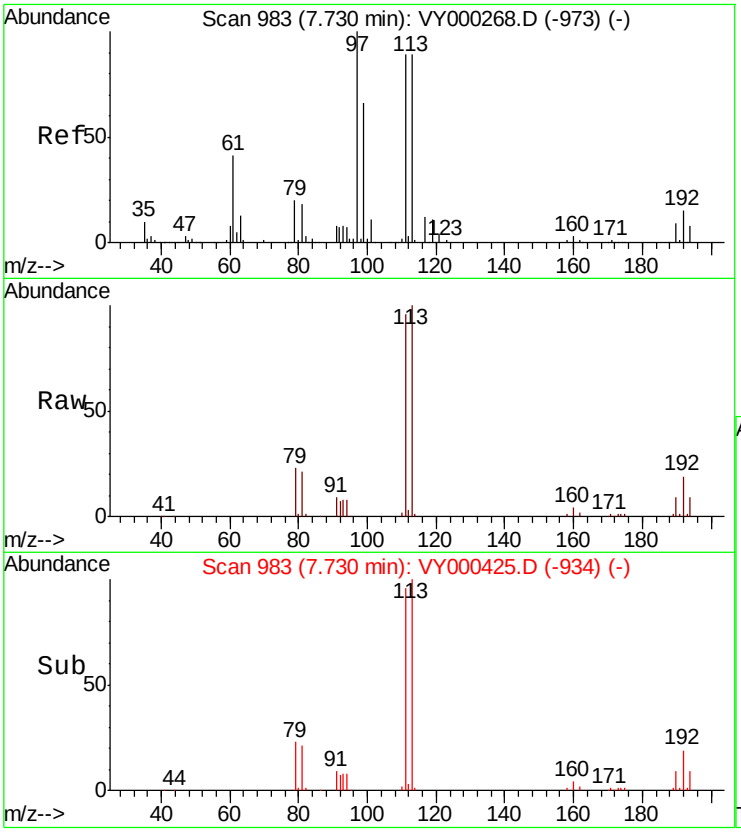


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Tgt Ion:114 Resp: 374038

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.2
88	14.8	0.0	30.2



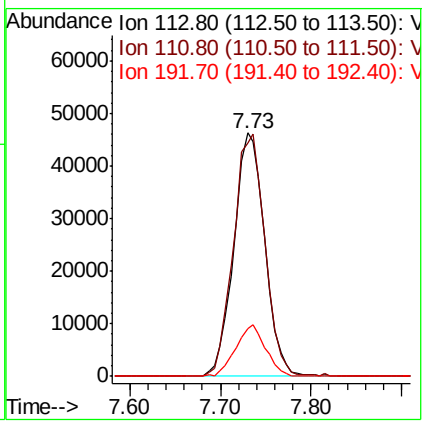


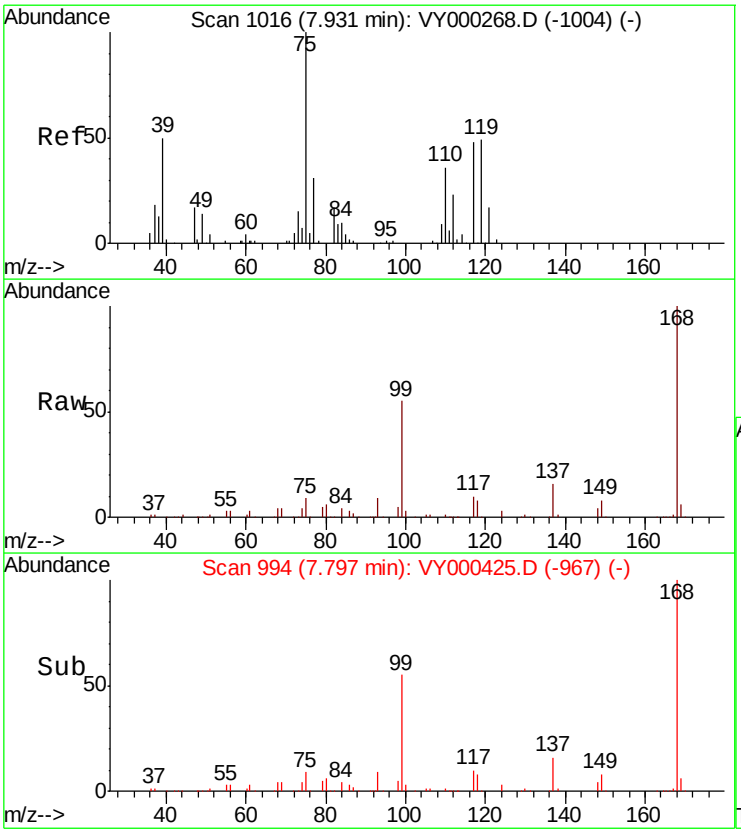
#35
Dibromofluoromethane
Concen: 48.586 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 109621

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.6	122.4
192	20.1	15.3	22.9

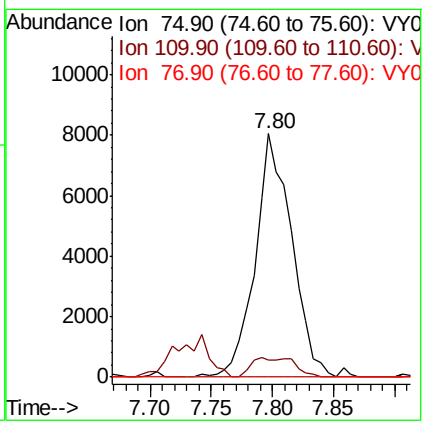


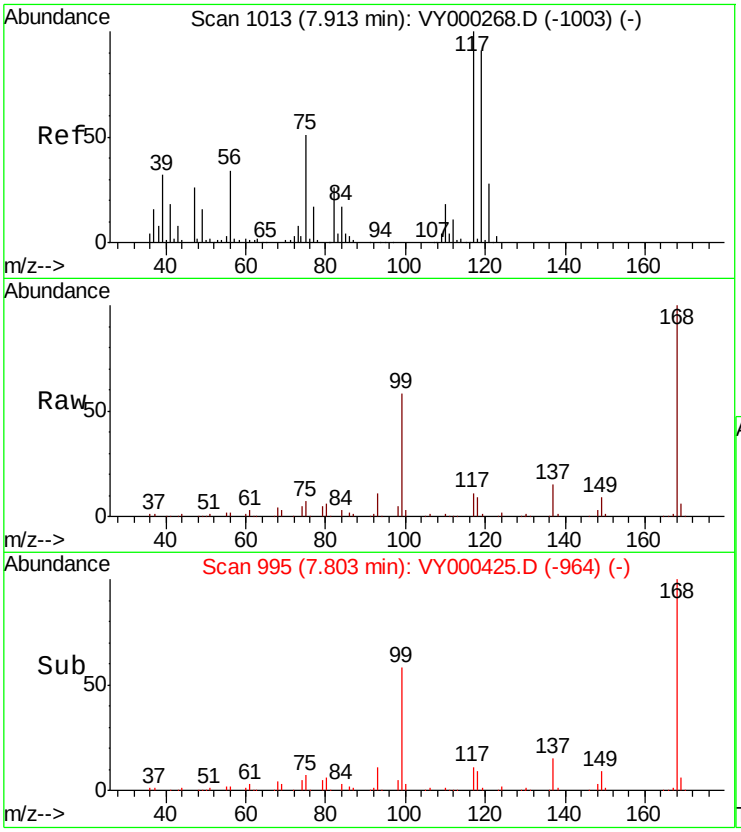


#36
1,1-Dichloropropene
Concen: 4.570 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Tgt Ion: 75 Resp: 16736

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.4	55.4#
77	0.0	25.0	37.6#



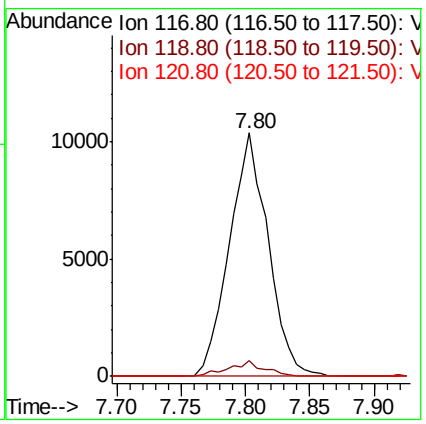


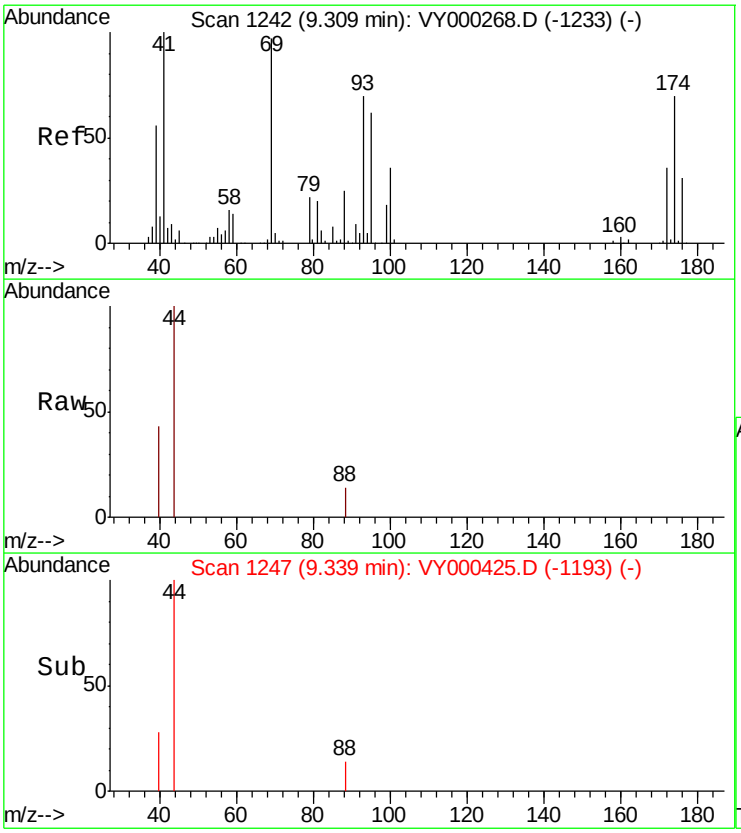
#38
Carbon Tetrachloride
Concen: 6.106 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 21649

Ion	Ratio	Lower	Upper
117	100		
119	6.7	72.8	109.2#
121	0.0	22.2	33.2#

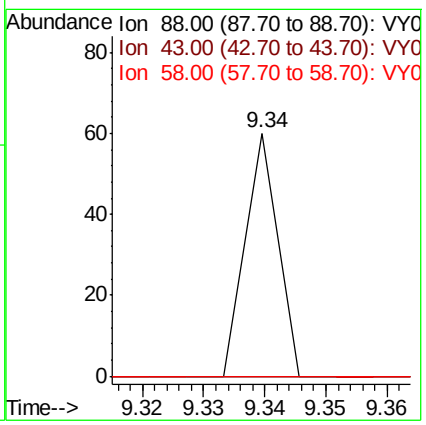


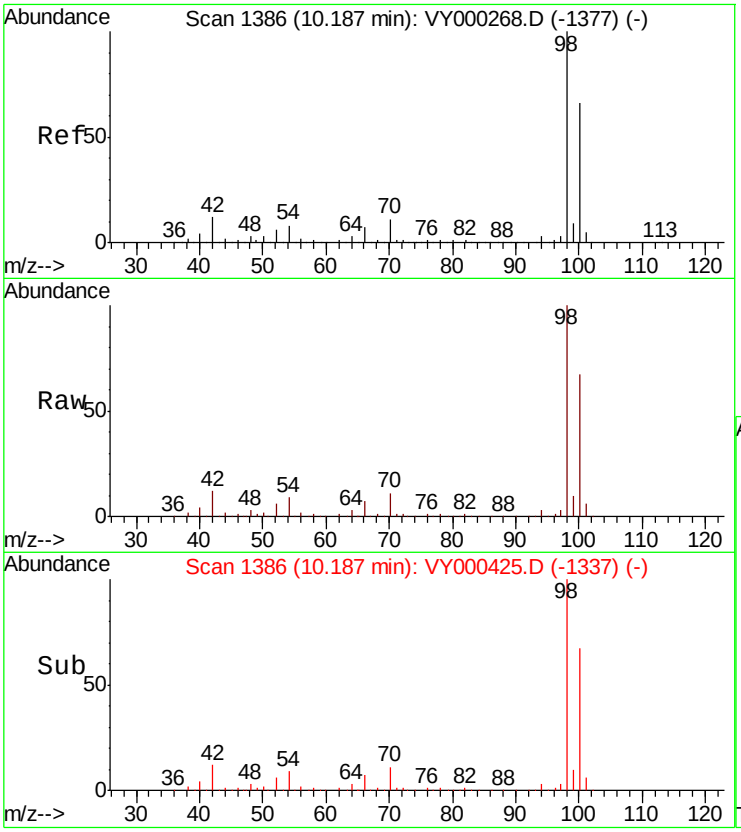


#49
1,4-Dioxane
Concen: 1.011 ug/l
RT: 9.34 min Scan# 1247
Delta R.T. 0.03 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.6	38.4#
58	0.0	54.6	81.8#



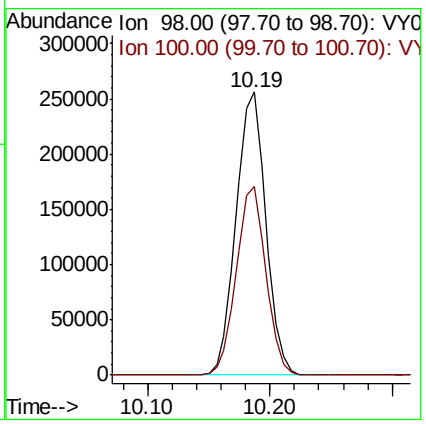


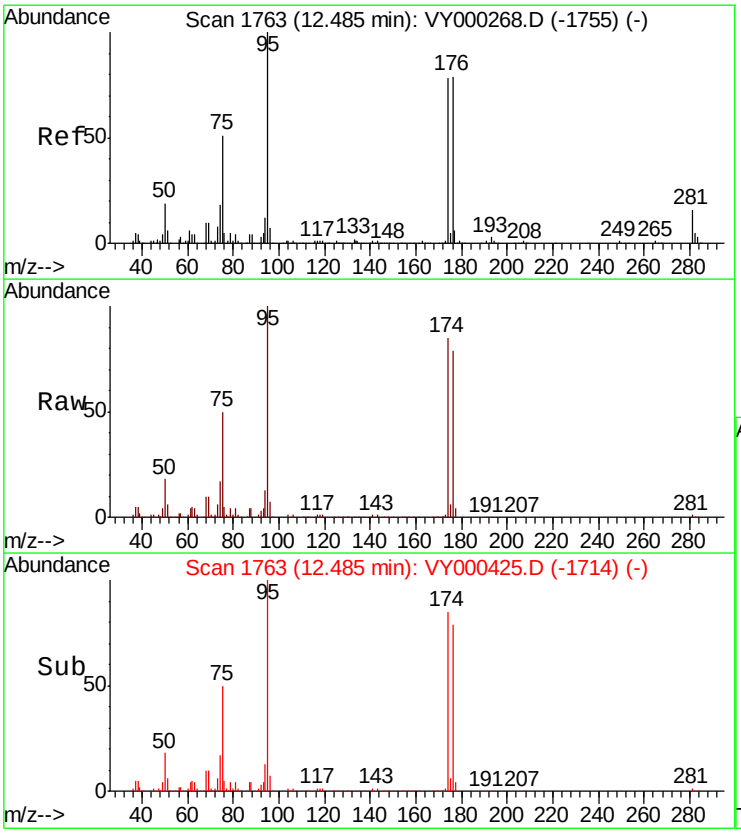
#50
Toluene-d8
Concen: 49.676 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 431148

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.8	79.2

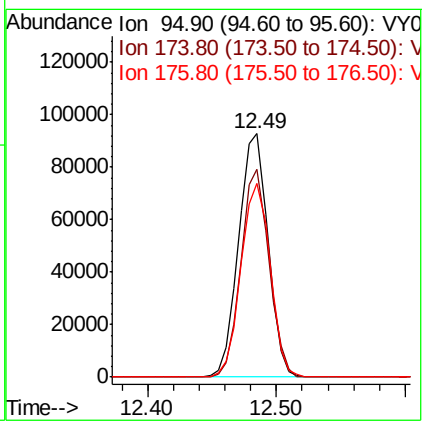


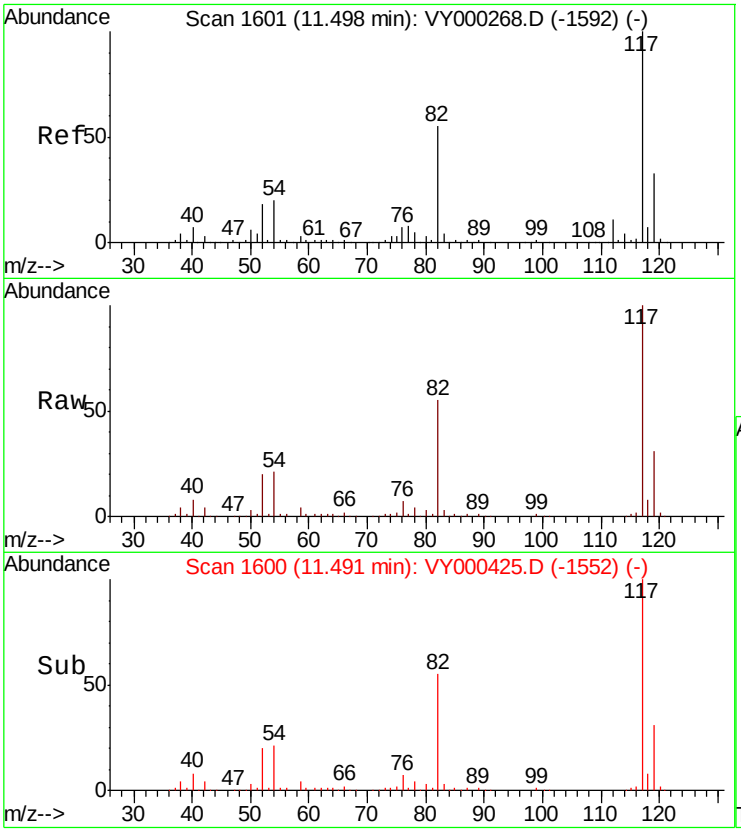


#62
4-Bromofluorobenzene
Concen: 44.294 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Tgt Ion: 95 Resp: 146049

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	159.6
176	79.0	0.0	153.8



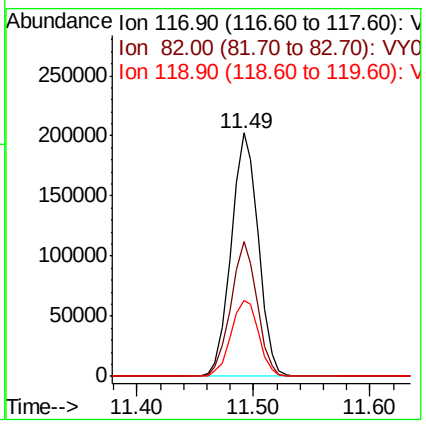


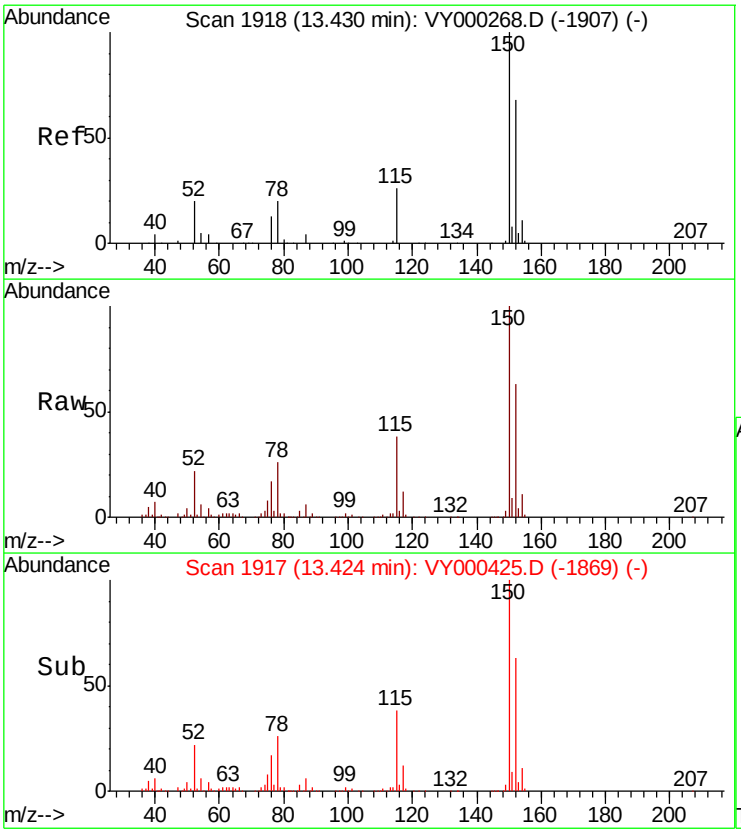
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 327838

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.7	65.5
119	31.1	26.6	39.8

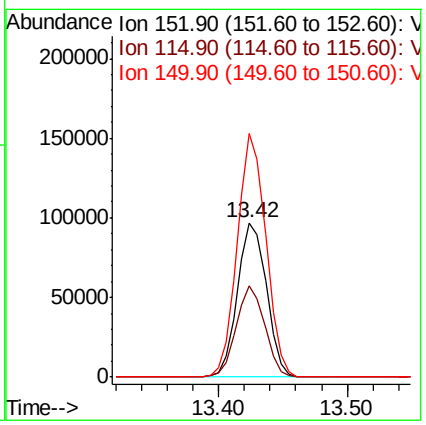


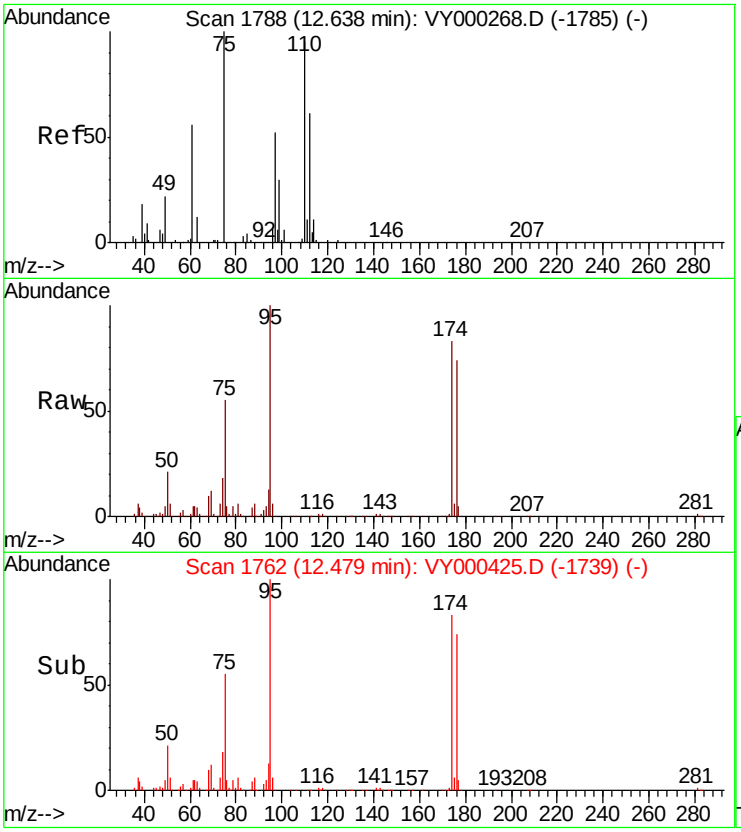


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Tgt Ion:152 Resp: 150896

Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.3	88.0
150	155.5	0.0	348.4



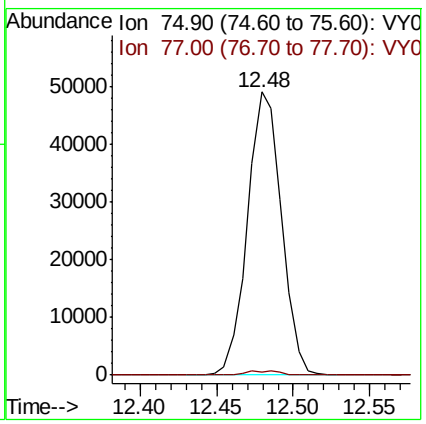


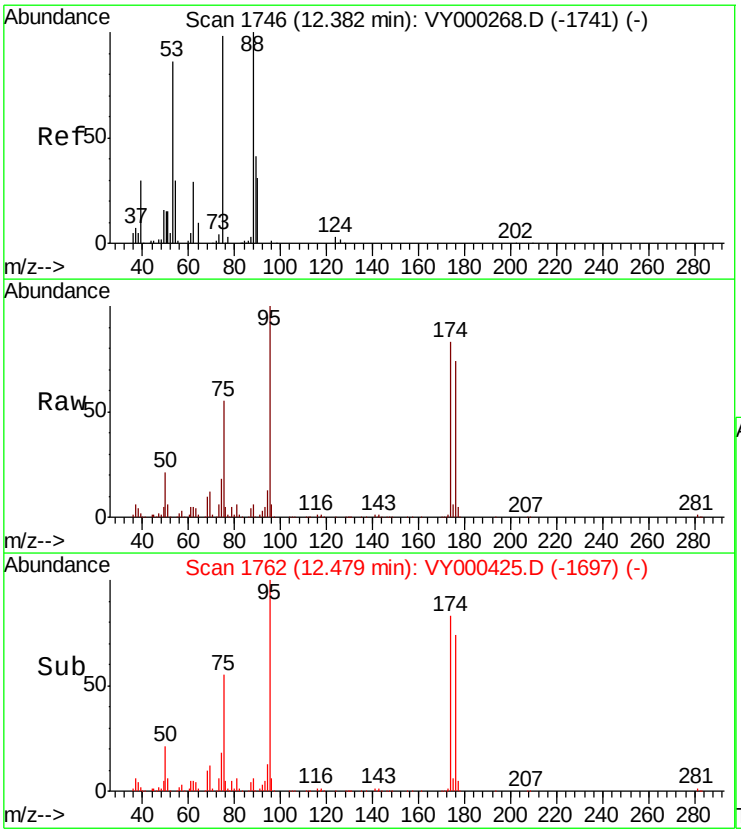
#76
1,2,3-Trichloropropane
Concen: 40.951 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75985

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.599 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000425.D
Acq: 25 Oct 2019 13:47

Tgt Ion: 75 Resp: 75985

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