Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000275.D
Acq On : 11 Oct 2019 17:02
Operator : SY/MD
Sample : K5266-01
Misc : 4.98G/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 14 07:36:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:29:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	221109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	397500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	336855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	125608	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.70%			
35) Dibromofluoromethane	7.73	113	118440	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.80%			
50) Toluene-d8	10.19	98	446398	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.80%			
62) 4-Bromofluorobenzene	12.49	95	146882	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	109	Below Cal	#	41
5) Bromomethane	2.66	94	296	Below Cal	#	43
10) Methyl Iodide	4.08	142	198	1.246 ug/l	#	41
11) Tert butyl alcohol	4.96	59	252	1.032 ug/l	#	78
16) Acetone	3.96	43	15817	20.941 ug/l		93
17) Carbon Disulfide	4.21	76	15142	2.154 ug/l		100
20) Methylene Chloride	4.72	84	9490	Below Cal	#	85
25) 2-Butanone	7.00	43	6761	6.354 ug/l	#	81
31) Cyclohexane	7.80	56	5276	1.182 ug/l	#	14
36) 1,1-Dichloropropene	7.80	75	17492	4.495 ug/l	#	50
38) Carbon Tetrachloride	7.81	117	21034	5.582 ug/l	#	18
49) 1,4-Dioxane	9.30	88	62	2.680 ug/l	#	14
51) 4-Methyl-2-Pentanone	10.08	43	2493	1.103 ug/l	#	82
59) 2-Hexanone	10.84	43	4438	2.798 ug/l		90
74) N-amyl acetate	12.14	43	3055	1.165 ug/l	#	87
76) 1,2,3-Trichloropropane	12.48	75	76251	45.247 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	76251	98.998 ug/l	#	14
95) Naphthalene	15.23	128	8590	1.304 ug/l	#	94
96) 1,2,3-Trichlorobenzene	15.42	180	2892	1.087 ug/l		73

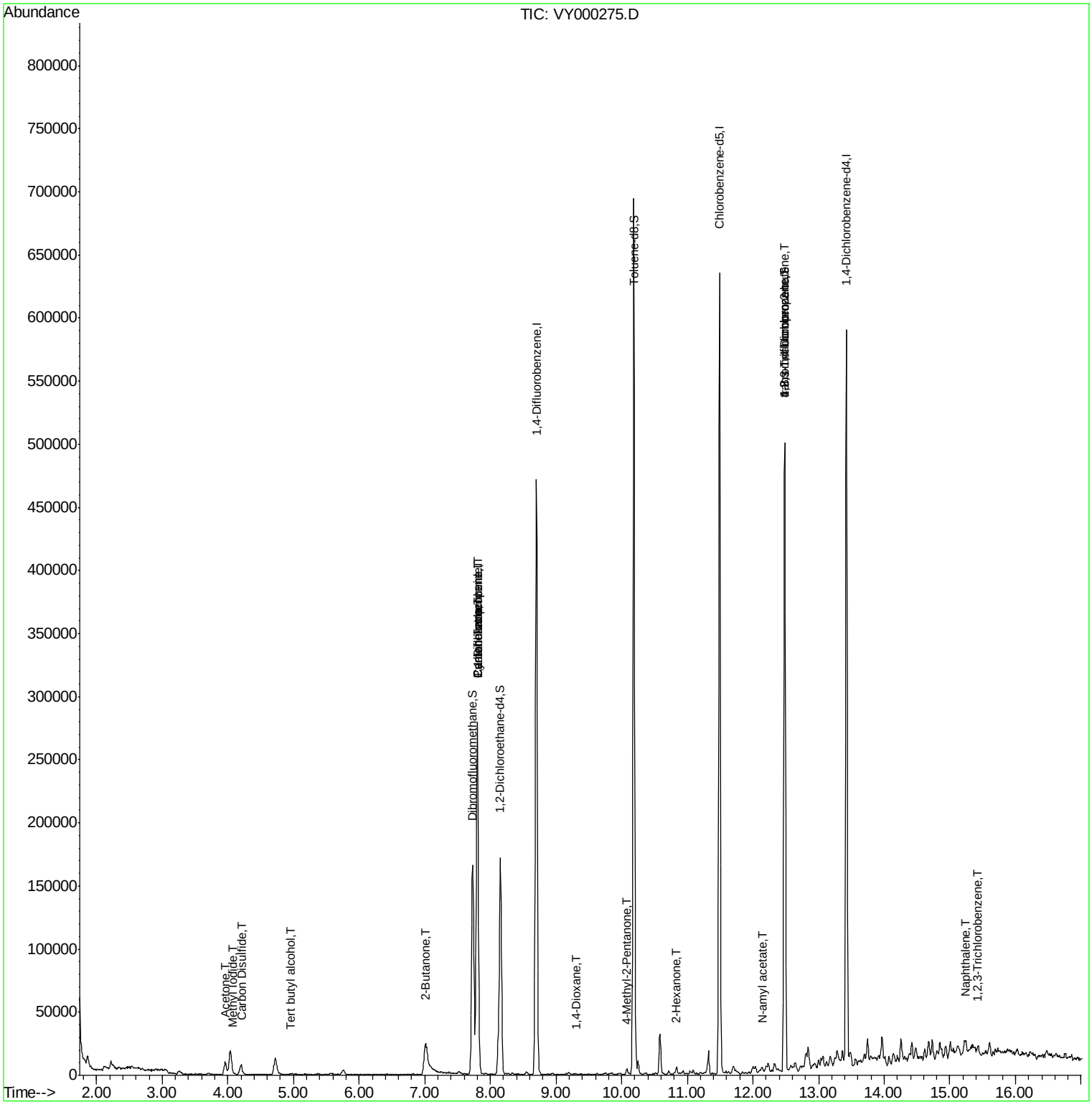
(#) = qualifier out of range (m) = manual integration (+) = signals summed

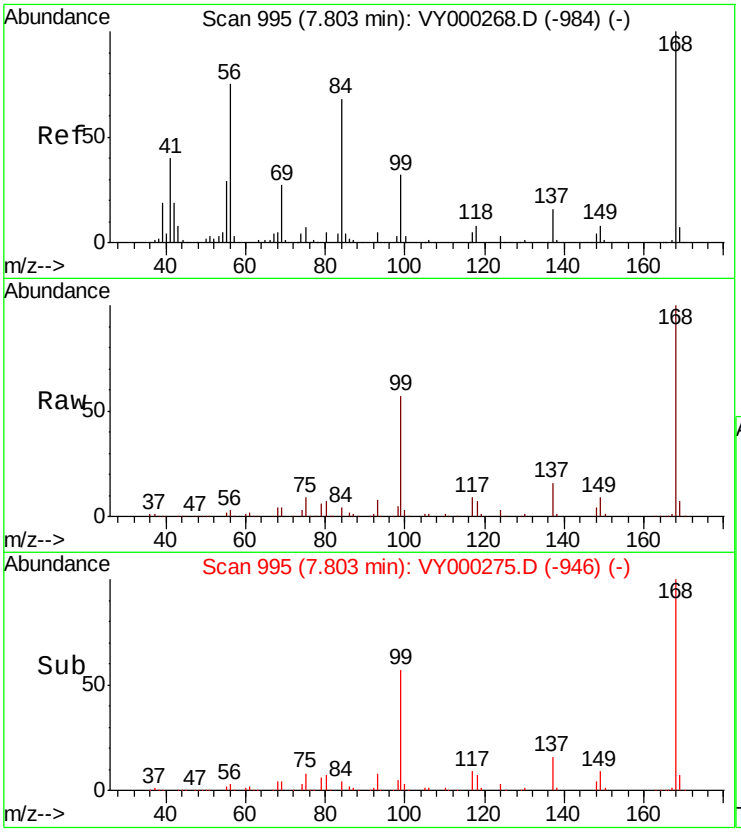
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000275.D
Acq On : 11 Oct 2019 17:02
Operator : SY/MD
Sample : K5266-01
Misc : 4.98G/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 14 07:36:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:29:17 2019
Response via : Initial Calibration



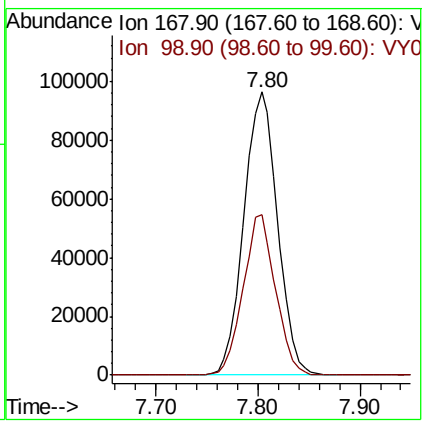


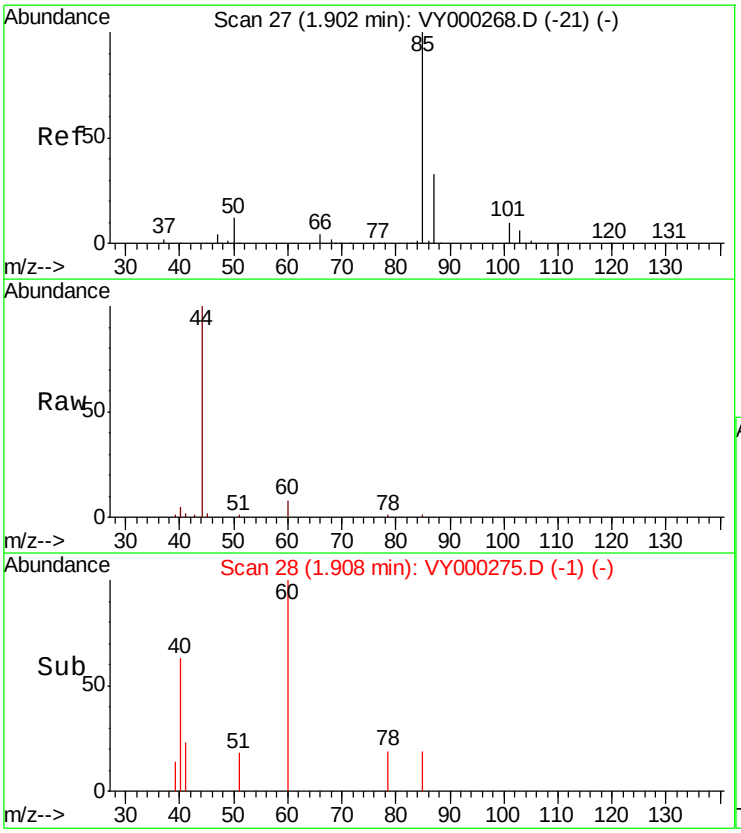
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 221109

Ion	Ratio	Lower	Upper
168	100		
99	56.7	46.6	69.8

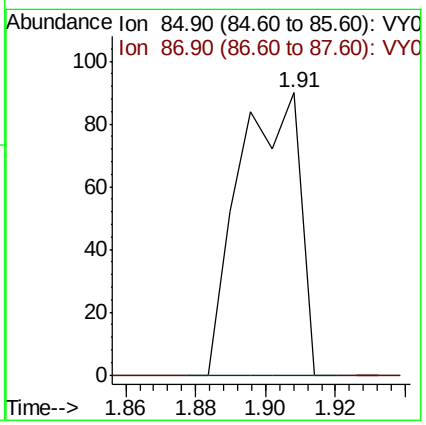


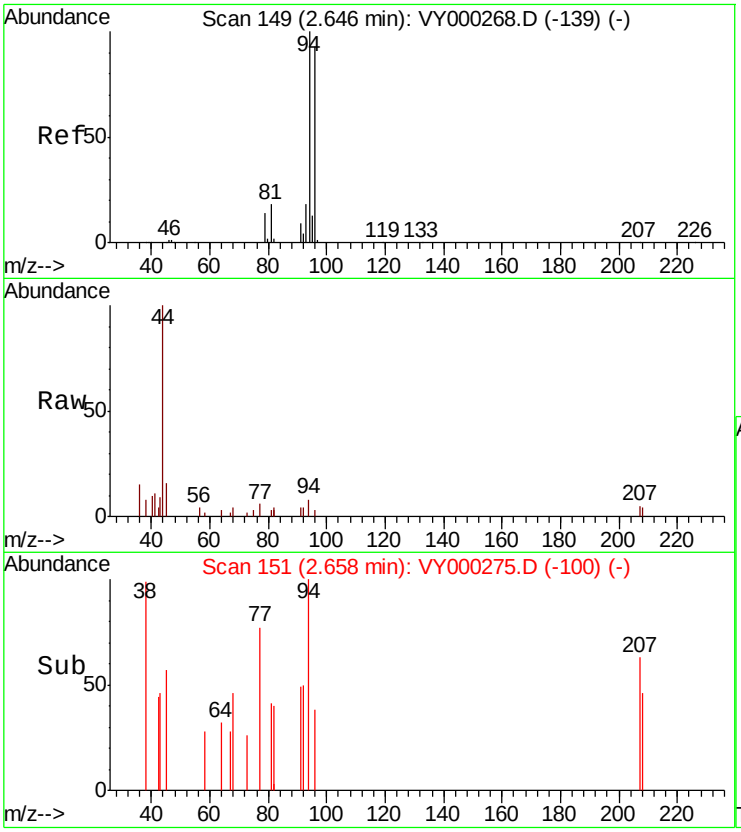


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.91 min Scan# 28
Delta R.T. 0.01 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion: 85 Resp: 109

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



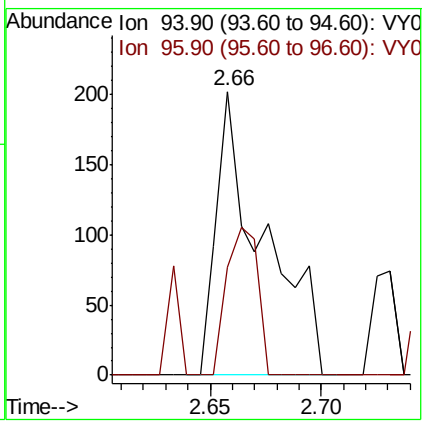


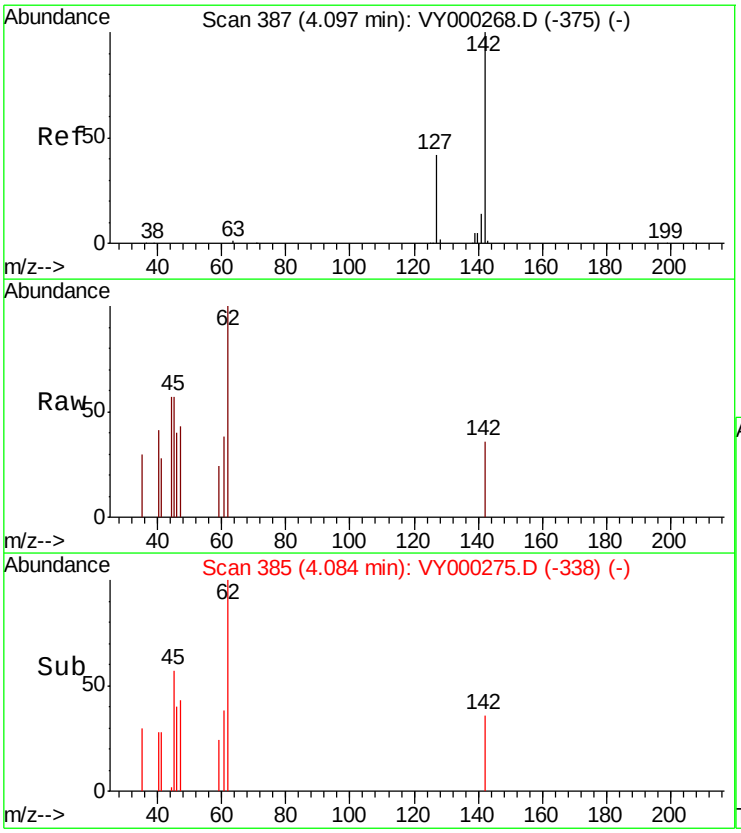
#5
Bromomethane
Concen: Below Cal
RT: 2.66 min Scan# 151
Delta R.T. 0.01 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 296

Ion	Ratio	Lower	Upper
94	100		
96	38.1	74.2	111.2#

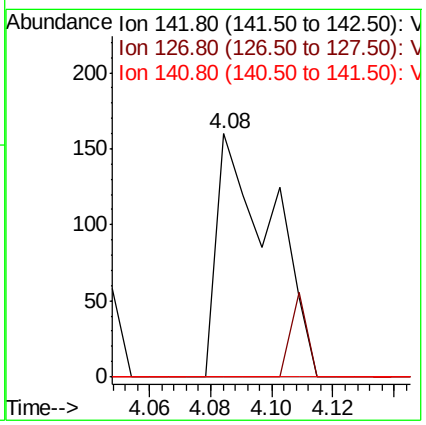


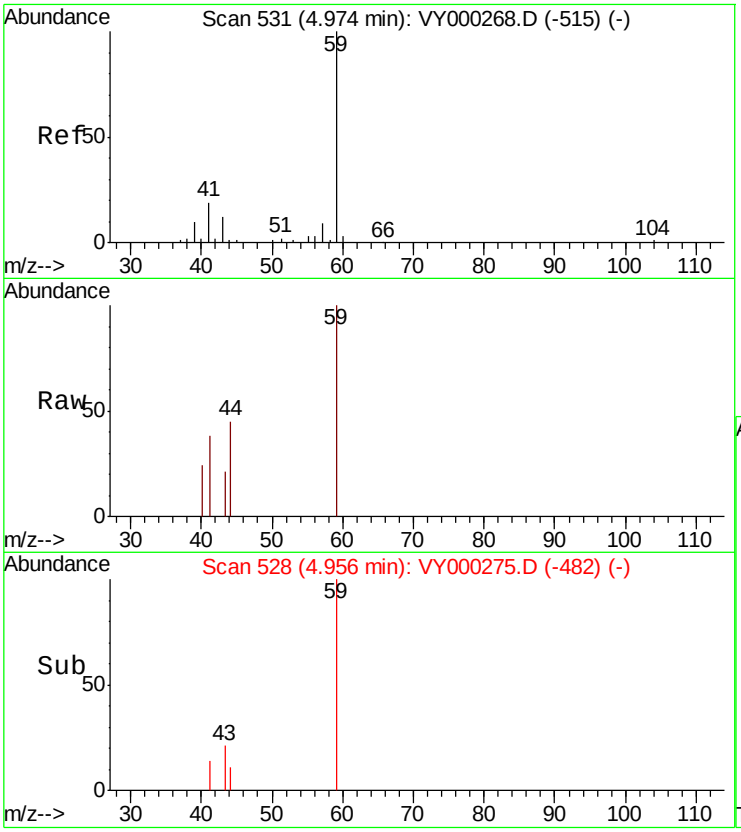


#10
Methyl Iodide
Concen: 1.246 ug/l
RT: 4.08 min Scan# 385
Delta R.T. -0.01 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion:142 Resp: 198

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



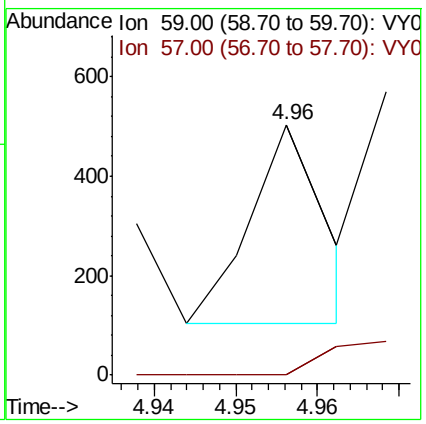


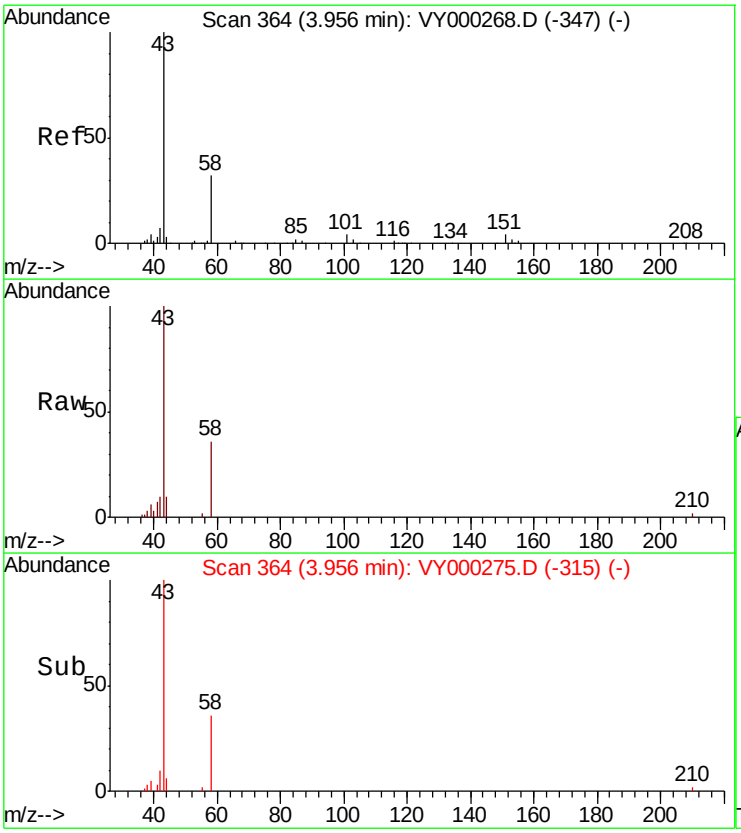
#11
Tert butyl alcohol
Concen: 1.032 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.02 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 252

Ion	Ratio	Lower	Upper
59	100		
57	18.3	8.2	12.2#

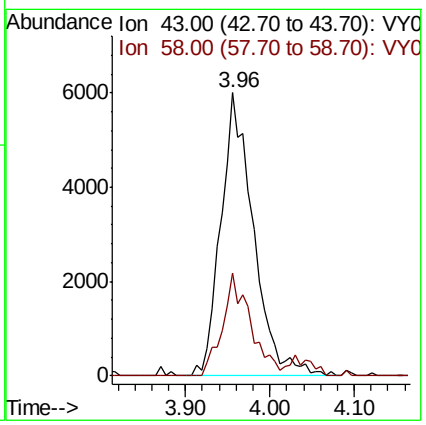


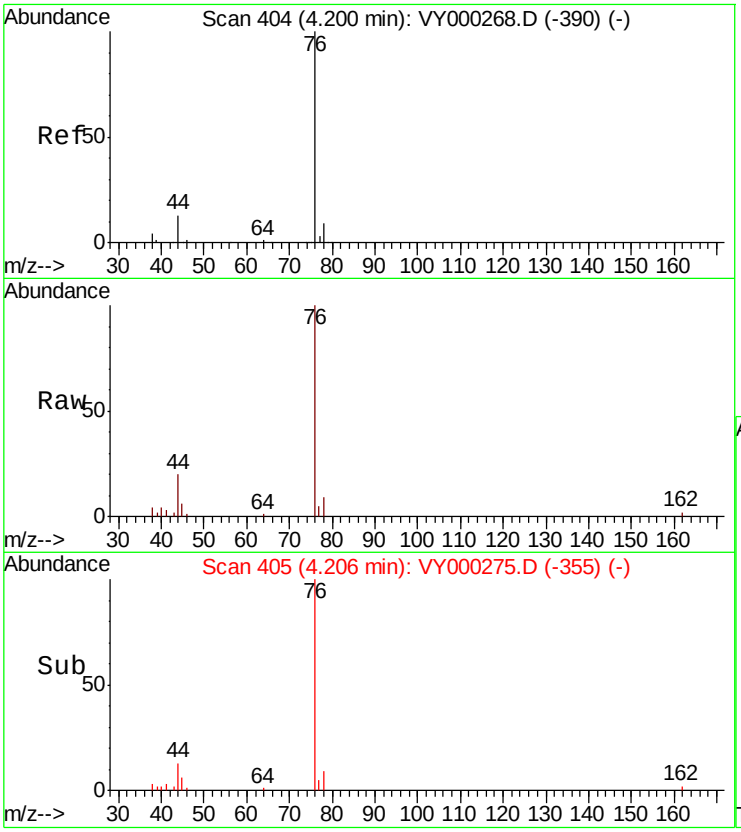


#16
Acetone
Concen: 20.941 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion: 43 Resp: 15817

Ion	Ratio	Lower	Upper
43	100		
58	36.2	25.8	38.6



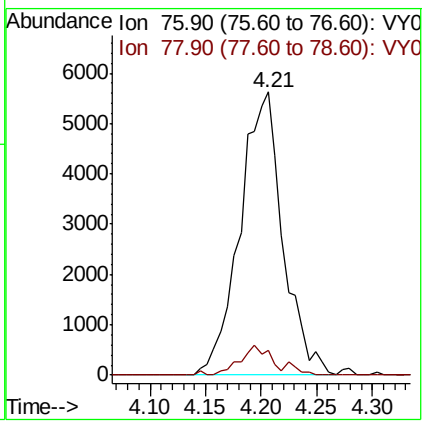


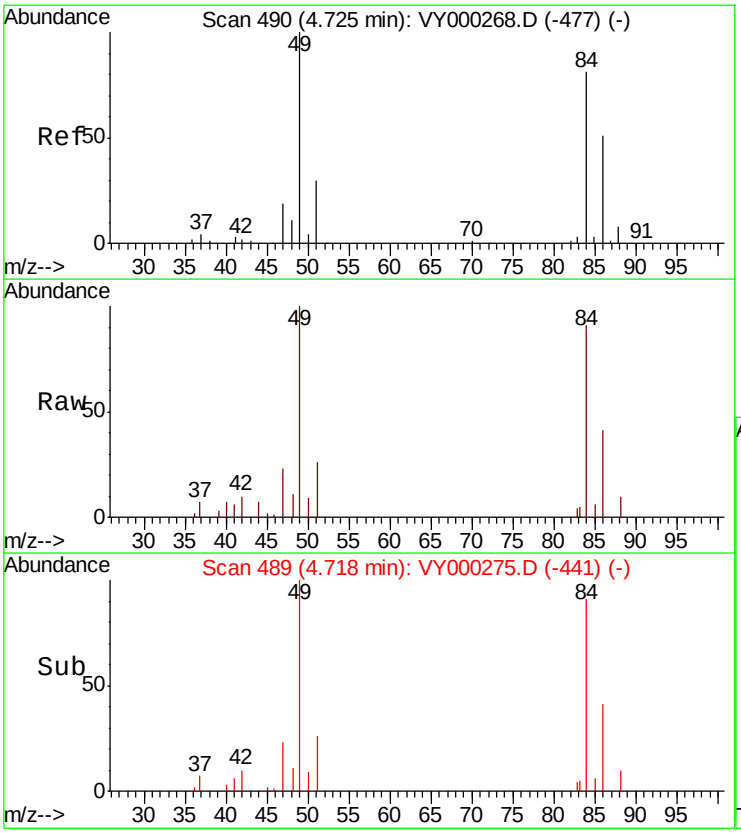
#17
Carbon Disulfide
Concen: 2.154 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 15142

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.4

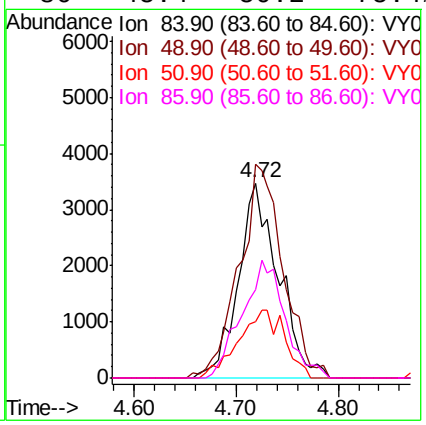


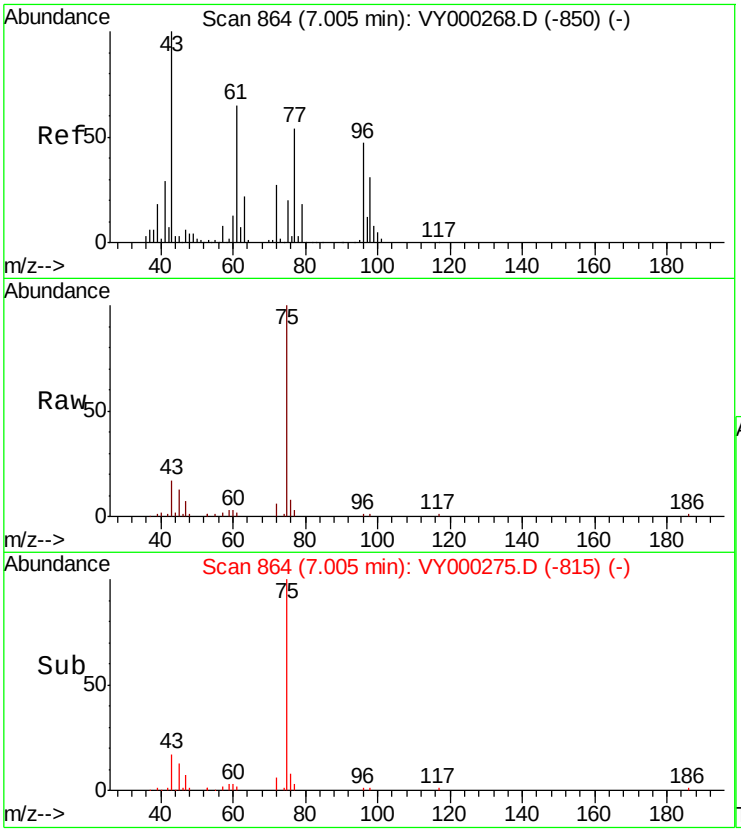


#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion: 84 Resp: 9490

Ion	Ratio	Lower	Upper
84	100		
49	109.8	99.0	148.4
51	28.7	29.3	43.9#
86	45.4	50.2	75.4#



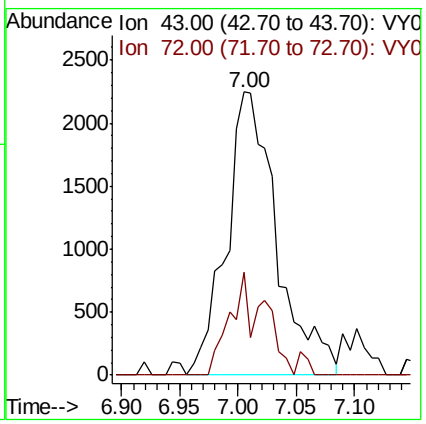


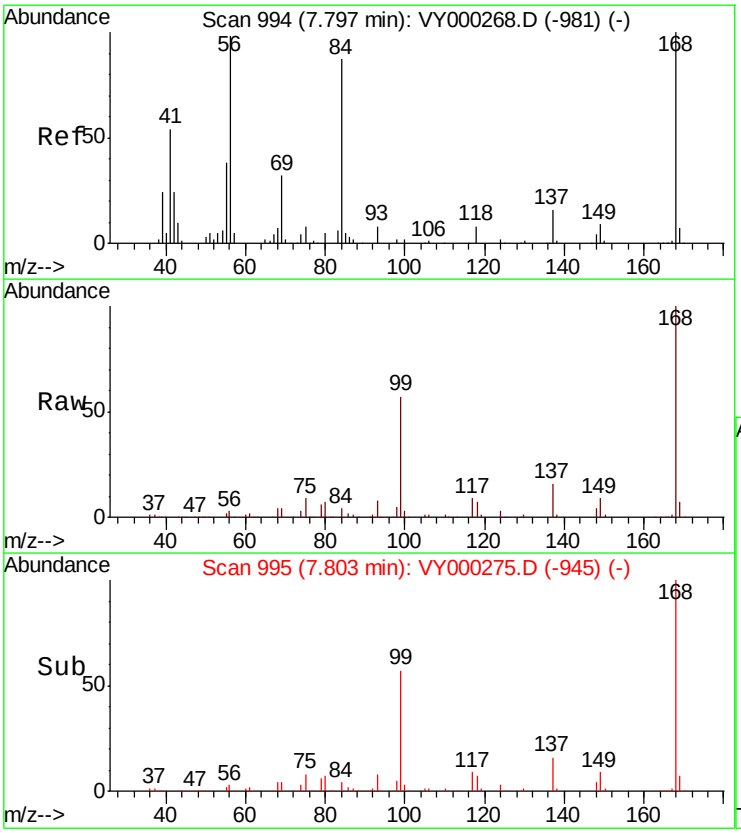
#25
2-Butanone
Concen: 6.354 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 6761

Ion	Ratio	Lower	Upper
43	100		
72	36.5	21.4	32.2#

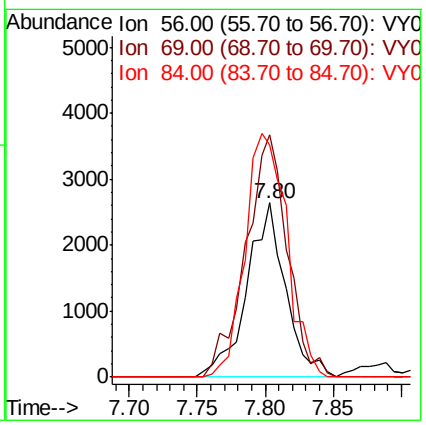


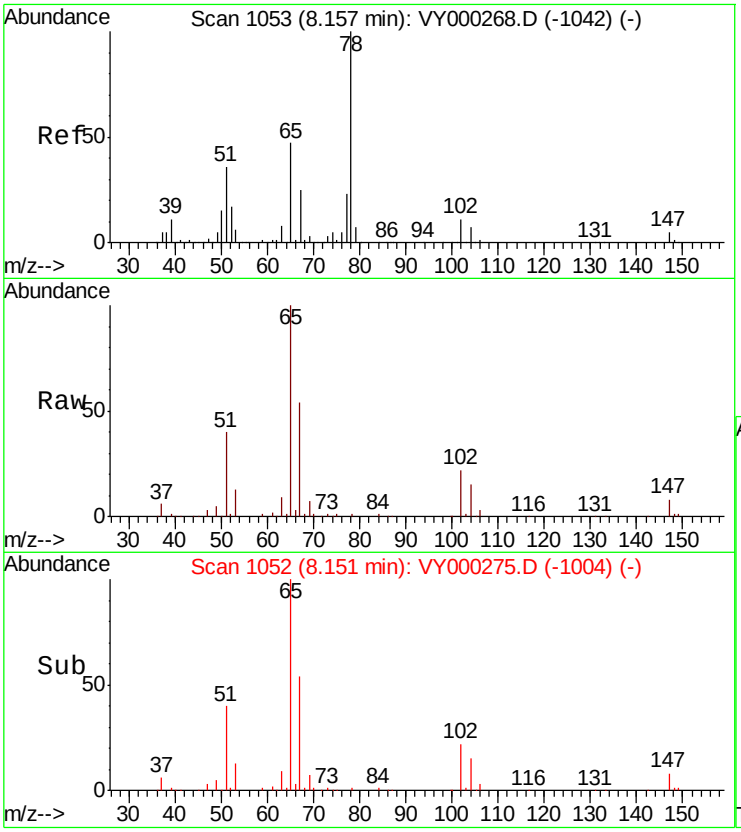


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion: 56 Resp: 5276

Ion	Ratio	Lower	Upper
56	100		
69	139.0	26.3	39.5#
84	133.1	70.8	106.2#



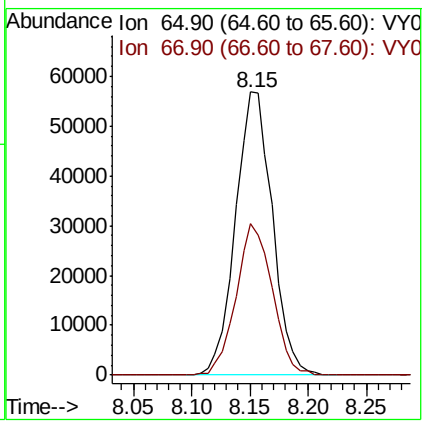


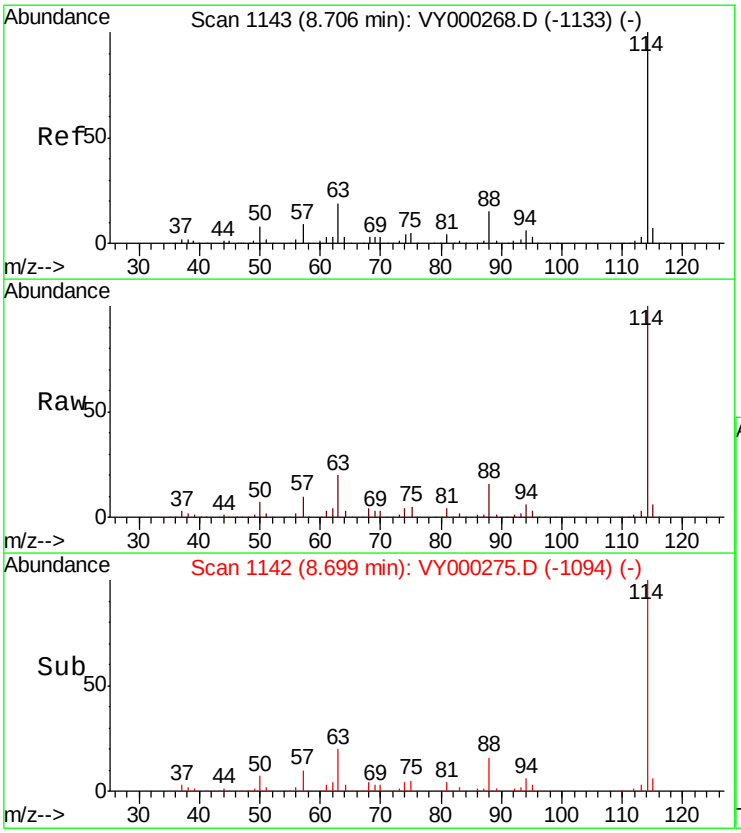
#33
1,2-Dichloroethane-d4
Concen: 53.855 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 125608

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	109.4

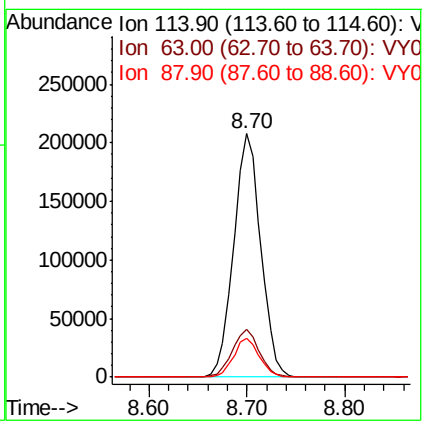


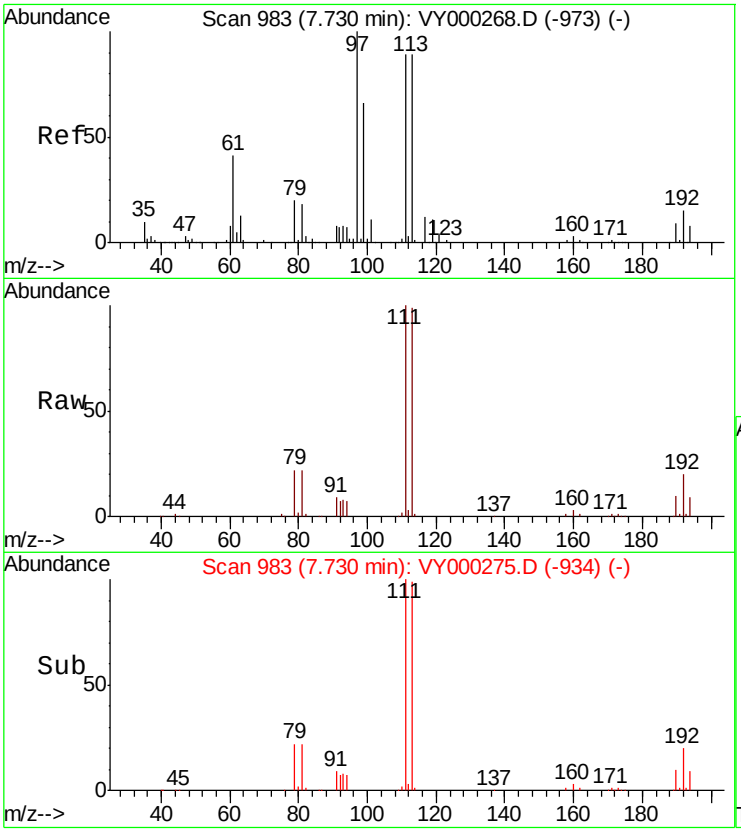


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion:114 Resp: 397500

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	37.2
88	16.1	0.0	30.2



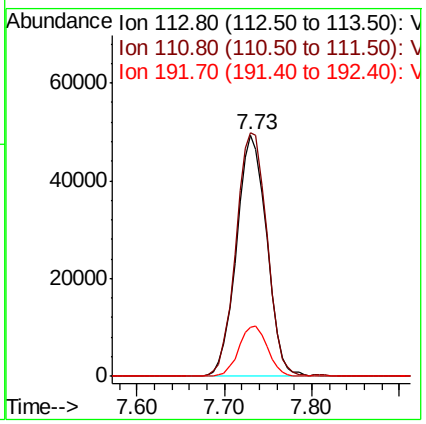


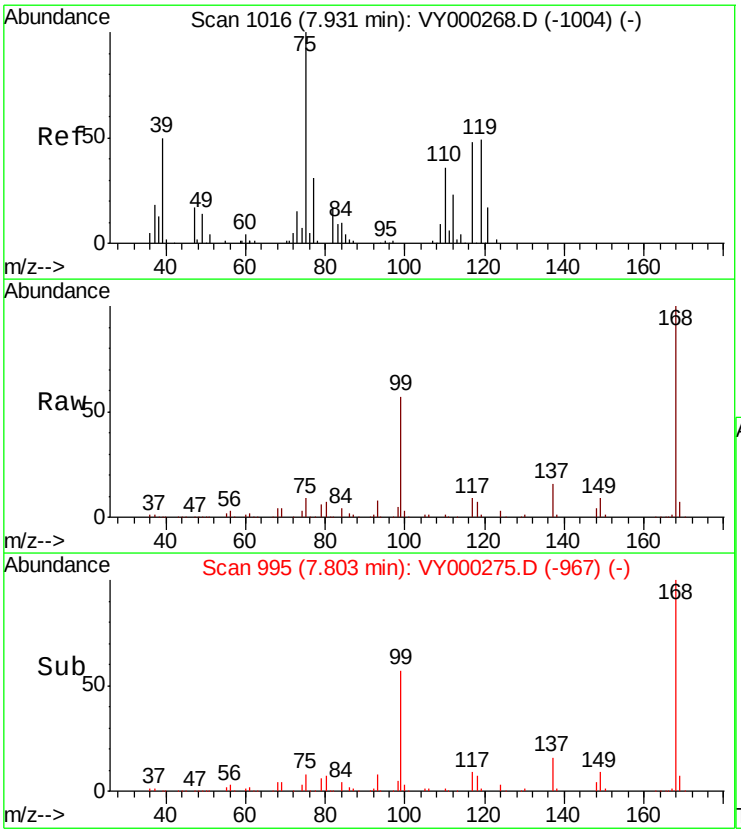
#35
Dibromofluoromethane
Concen: 49.396 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 118440

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	19.8	15.3	22.9

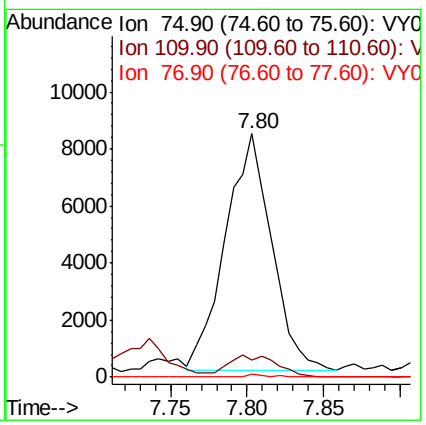


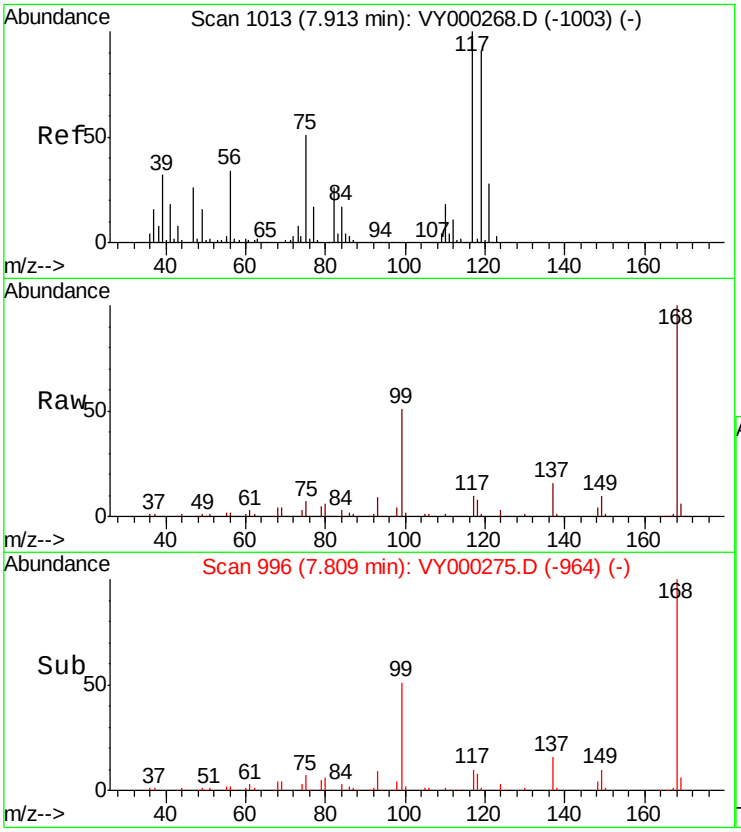


#36
1,1-Dichloropropene
Concen: 4.495 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion: 75 Resp: 17492

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.4	55.4#
77	0.5	25.0	37.6#



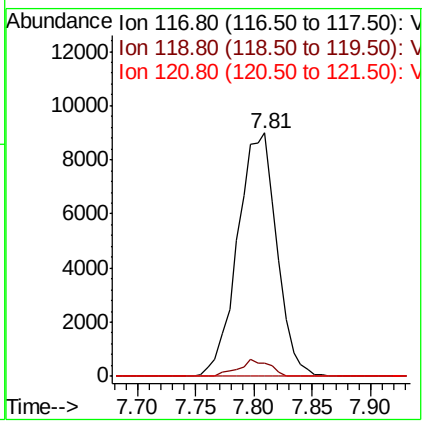


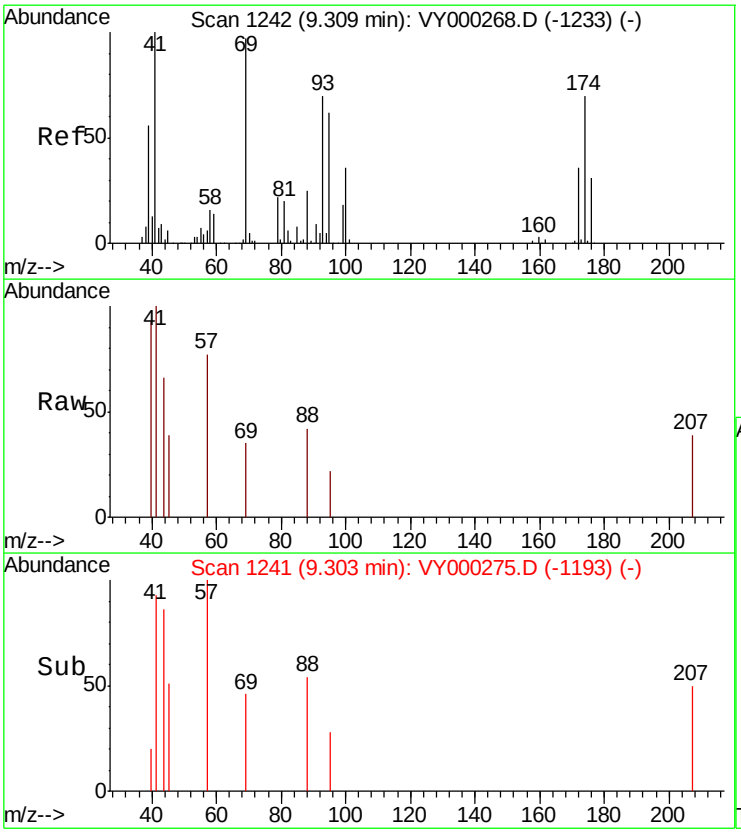
#38
Carbon Tetrachloride
Concen: 5.582 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.10 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 21034

Ion	Ratio	Lower	Upper
117	100		
119	5.3	72.8	109.2#
121	0.0	22.2	33.2#

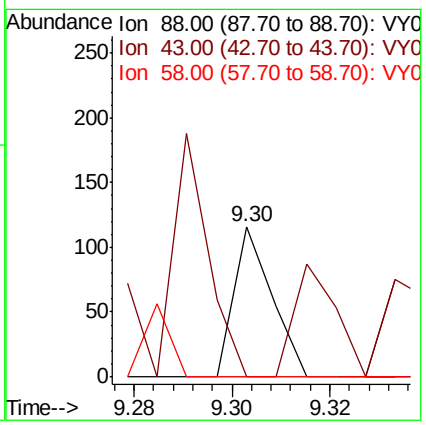


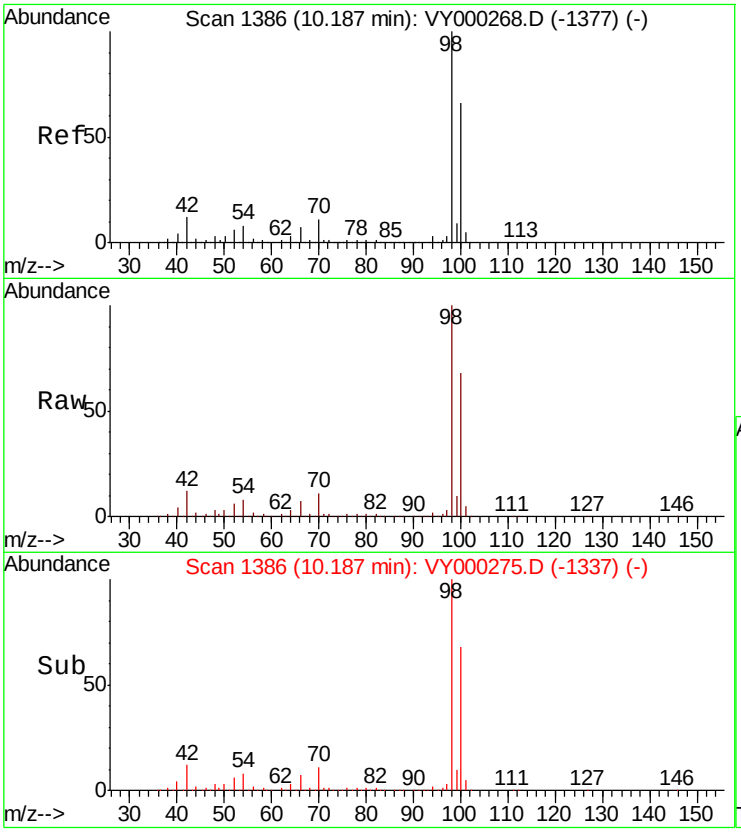


#49
1,4-Dioxane
Concen: 2.680 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	82.3	25.6	38.4#
58	0.0	54.6	81.8#



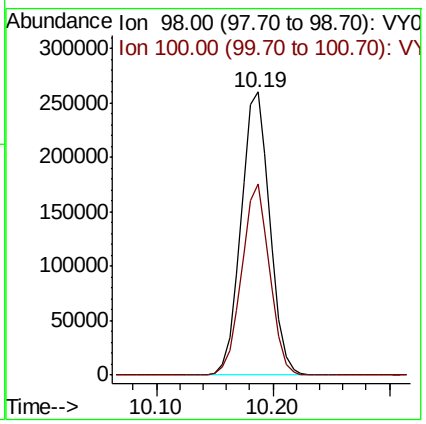


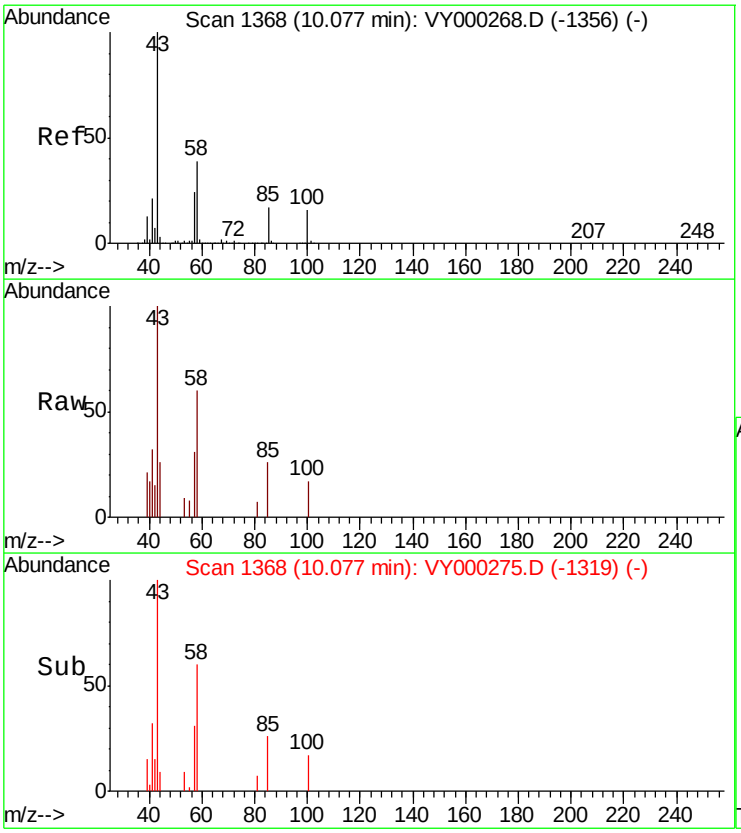
#50
Toluene-d8
Concen: 48.398 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 446398

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2

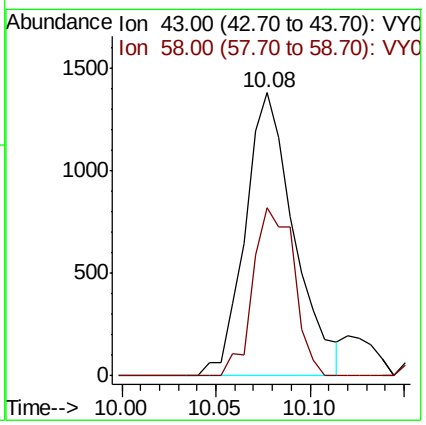


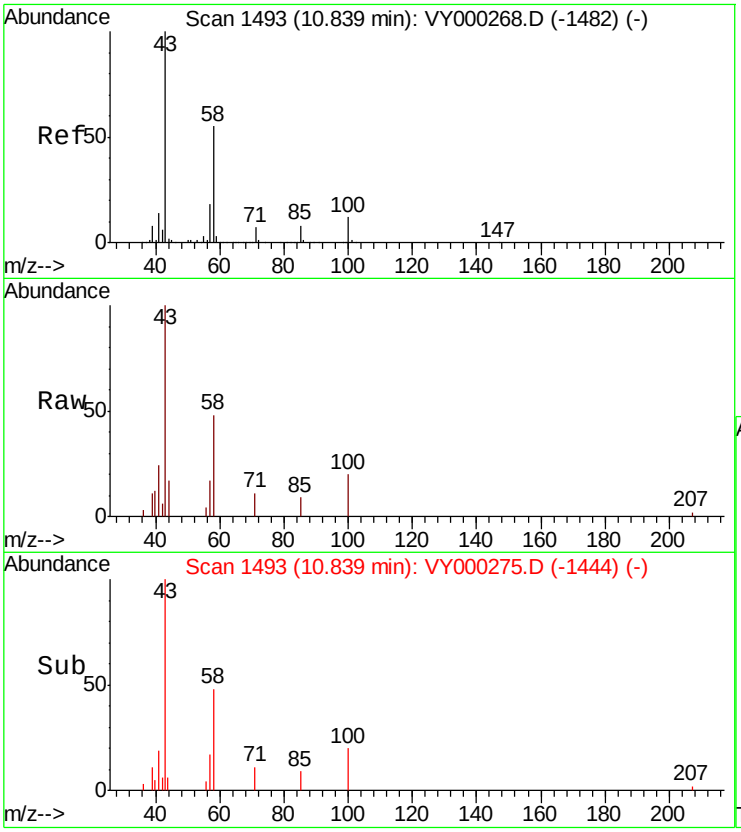


#51
4-Methyl-2-Pentanone
Concen: 1.103 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion: 43 Resp: 2493

Ion	Ratio	Lower	Upper
43	100		
58	49.7	31.0	46.6#



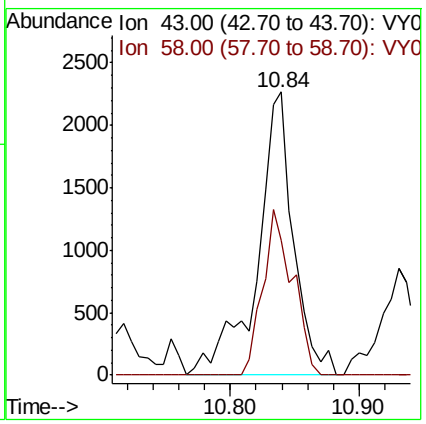


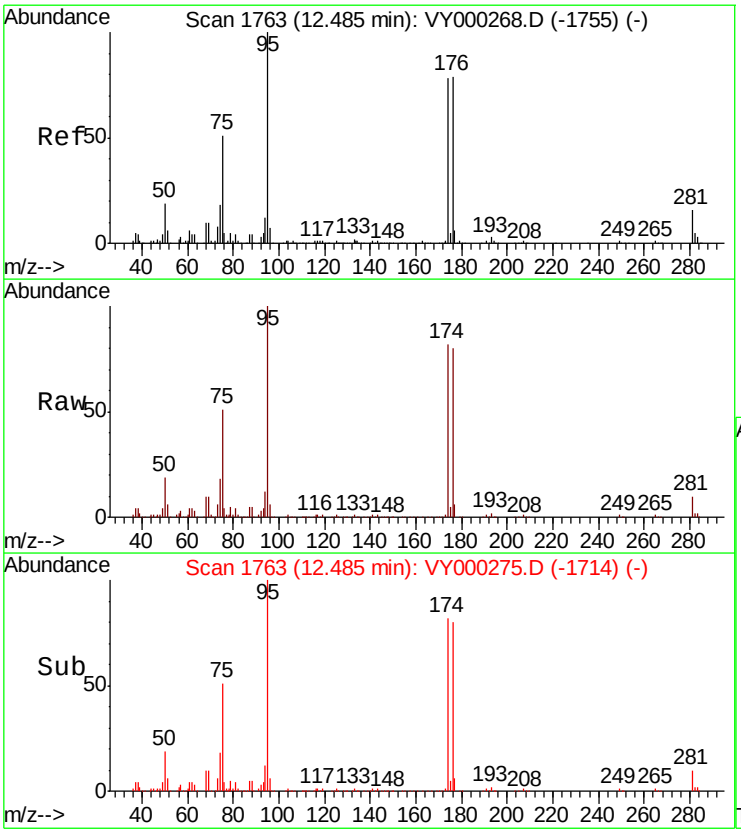
#59
2-Hexanone
Concen: 2.798 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4438

Ion	Ratio	Lower	Upper
43	100		
58	48.1	27.7	83.1

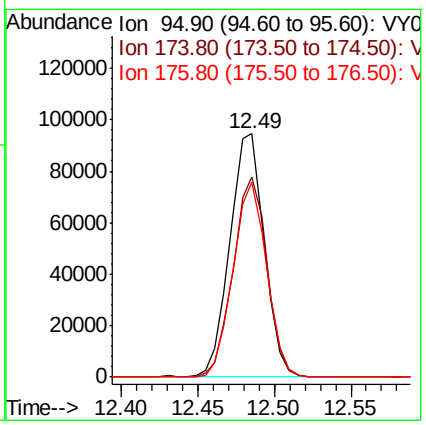


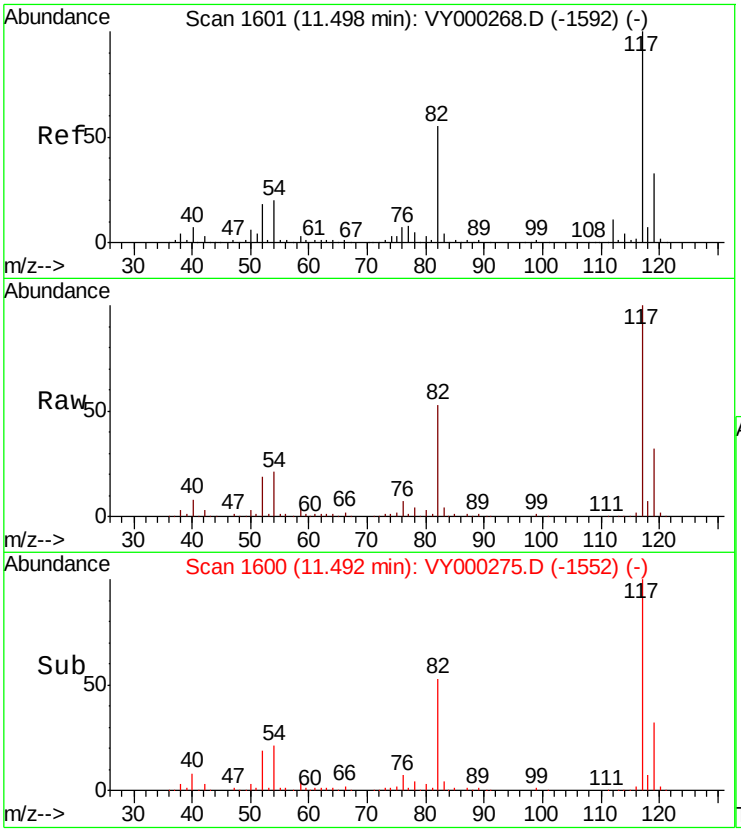


#62
4-Bromofluorobenzene
Concen: 41.917 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion: 95 Resp: 146882

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	159.6
176	78.4	0.0	153.8



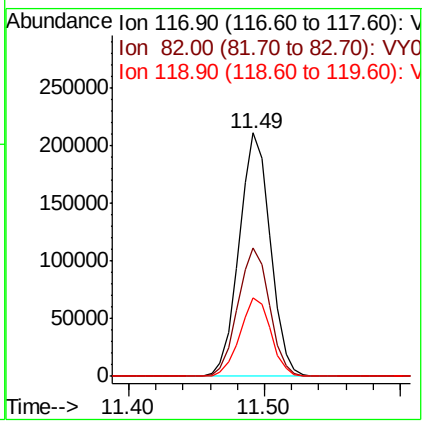


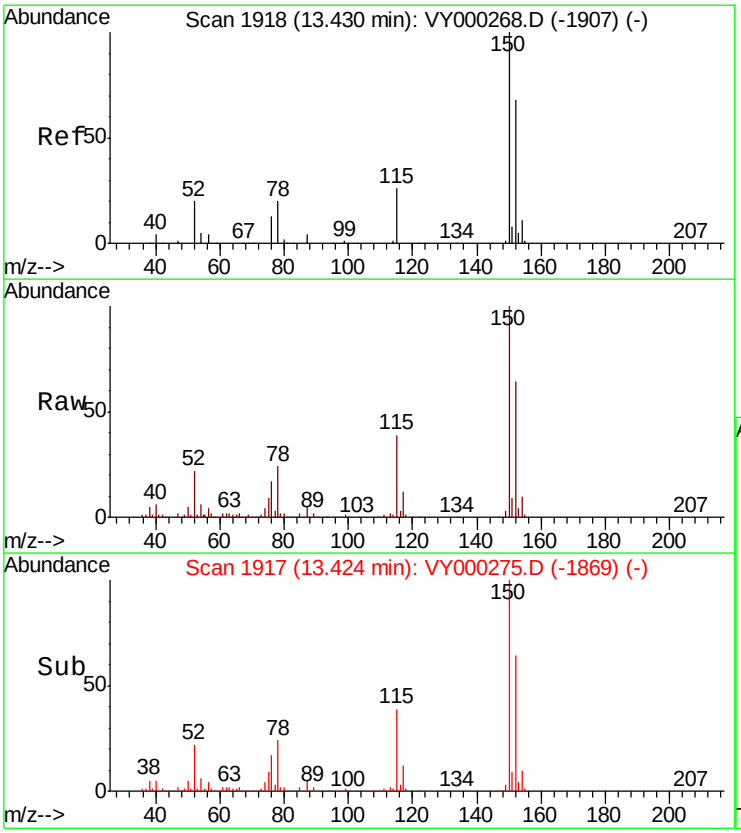
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 336855

Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.7	65.5
119	32.0	26.6	39.8

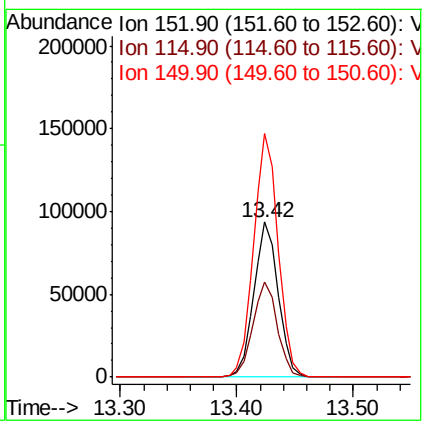


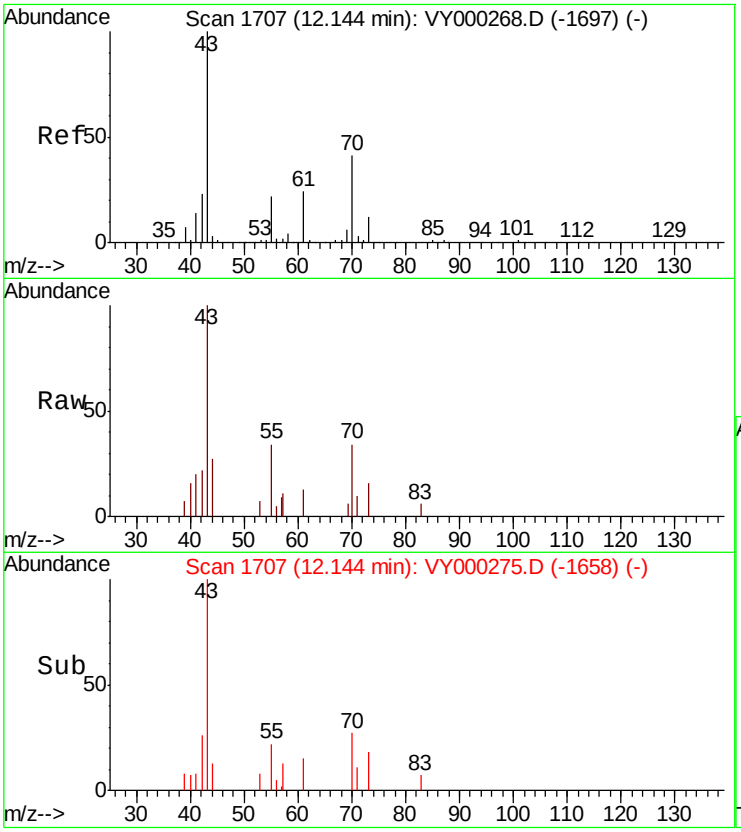


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion:152 Resp: 137048

Ion	Ratio	Lower	Upper
152	100		
115	61.5	29.3	88.0
150	157.2	0.0	348.4



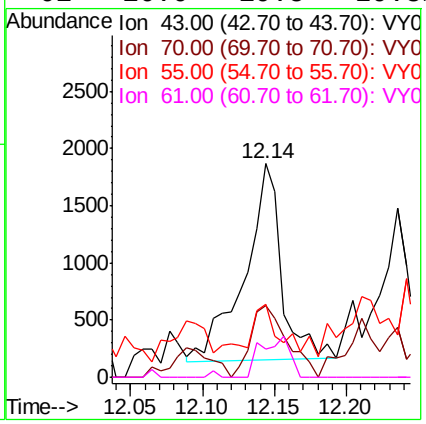


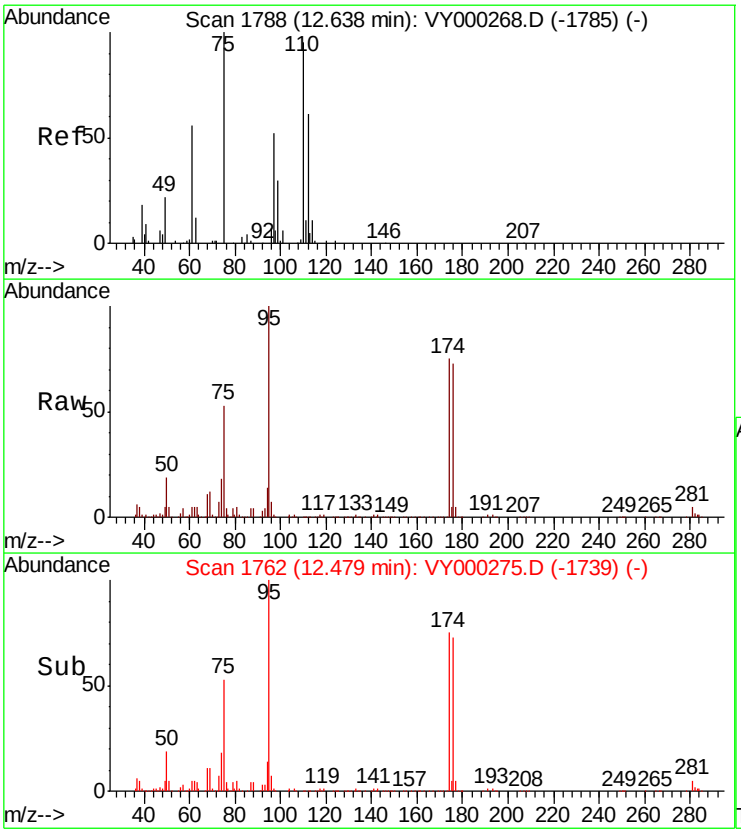
#74
N-amyl acetate
Concen: 1.165 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3055

Ion	Ratio	Lower	Upper
43	100		
70	35.7	32.9	49.3
55	15.0	17.8	26.6#
61	16.0	19.5	29.3#

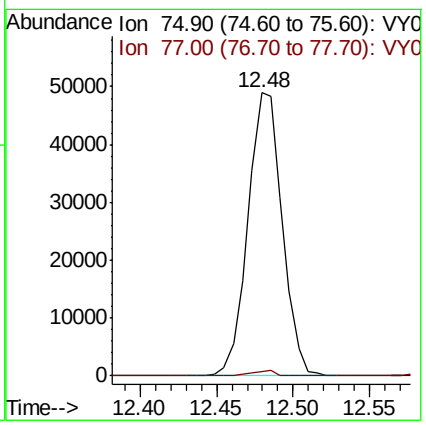


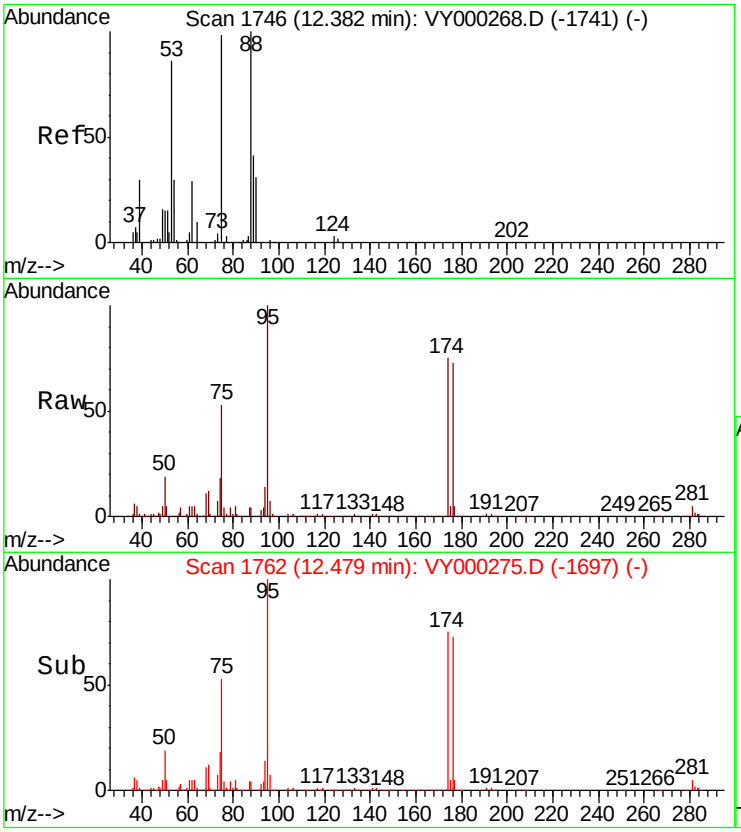


#76
1,2,3-Trichloropropane
Concen: 45.247 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion: 75 Resp: 76251

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



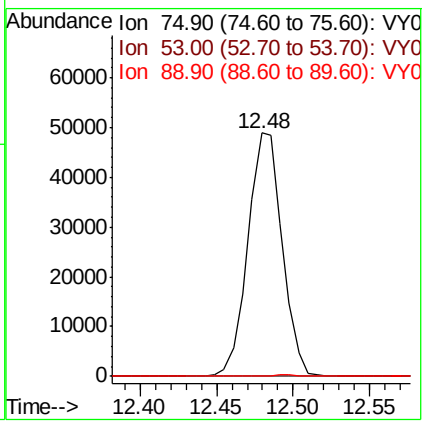


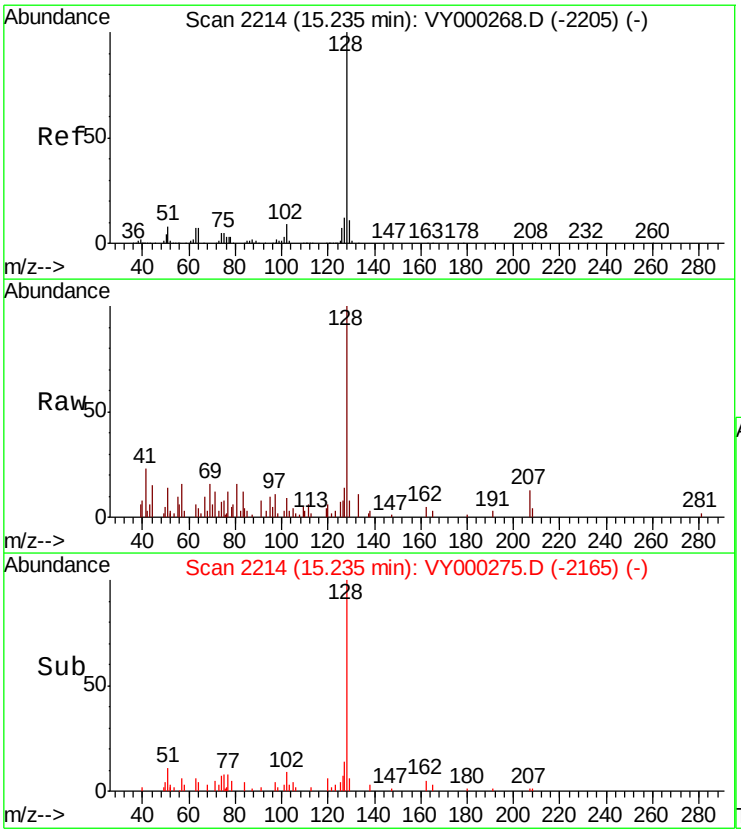
#81
trans-1,4-Dichloro-2-butene
Concen: 98.998 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76251

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.4	35.1	52.7#

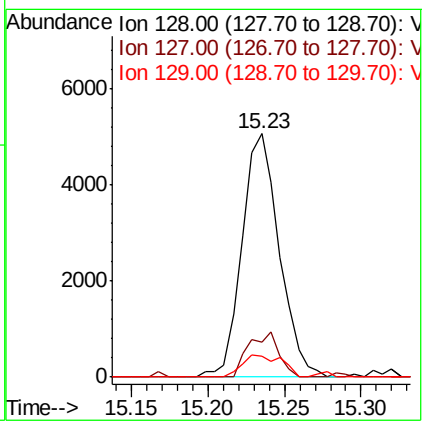


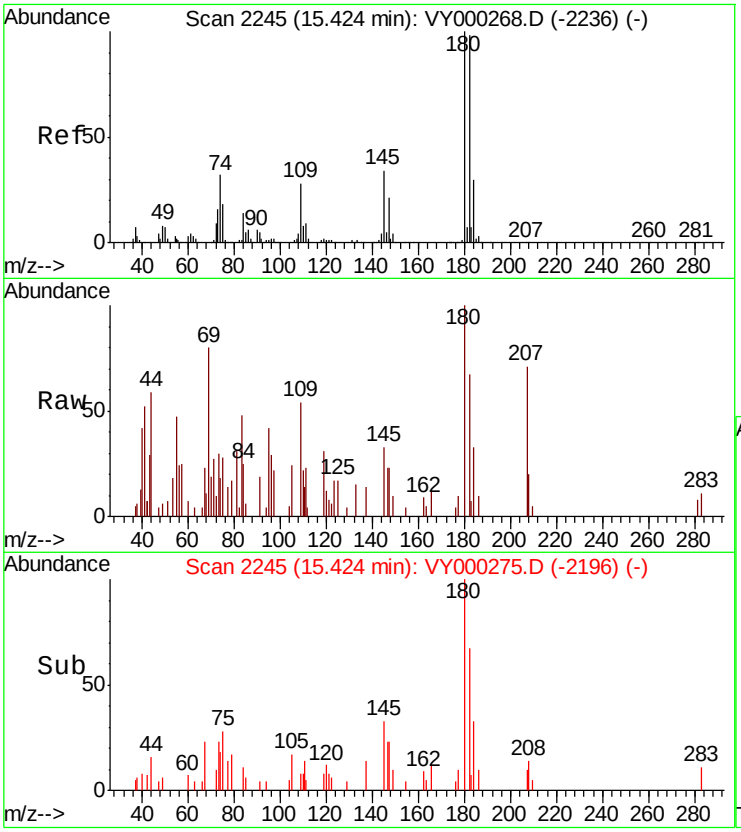


#95
Naphthalene
Concen: 1.304 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Tgt Ion:128 Resp: 8590

Ion	Ratio	Lower	Upper
128	100		
127	14.9	9.6	14.4#
129	9.6	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 1.087 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000275.D
Acq: 11 Oct 2019 17:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 2892

Ion	Ratio	Lower	Upper
180	100		
182	62.5	46.5	139.5
145	25.3	16.2	48.5