Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000272.D
Acq On : 11 Oct 2019 15:42
Operator : SY/MD
Sample : VY1011SBL01
Misc : 5.00G/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 14 07:34:48 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	228512	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.70	114	403721	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	323352	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	127304	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	130547	54.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.32%				
35) Dibromofluoromethane	7.73	113	117325	48.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.36%				
50) Toluene-d8	10.19	98	436792	46.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.26%				
62) 4-Bromofluorobenzene	12.49	95	140826	39.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.14%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.91	85	446	Below Cal		#	41
5) Bromomethane	2.66	94	642	Below Cal			94
10) Methyl Iodide	4.09	142	492	1.330	ug/l	#	41
11) Tert butyl alcohol	4.98	59	1795	7.116	ug/l	#	90
13) Acrolein	3.72	56	462	1.562	ug/l	#	45
16) Acetone	3.96	43	3269	4.188	ug/l		98
20) Methylene Chloride	4.72	84	9205	Below Cal			98
25) 2-Butanone	7.02	43	4258	3.872	ug/l		90
26) 2,2-Dichloropropane	7.00	77	4358	1.071	ug/l	#	52
29) Tetrahydrofuran	7.37	42	1170	1.756	ug/l	#	72
31) Cyclohexane	7.80	56	5581	1.210	ug/l	#	2
36) 1,1-Dichloropropene	7.80	75	17601	4.453	ug/l	#	49
38) Carbon Tetrachloride	7.80	117	21674	5.663	ug/l	#	17
49) 1,4-Dioxane	9.33	88	81	3.447	ug/l	#	24
51) 4-Methyl-2-Pentanone	10.08	43	6250	2.723	ug/l		99
59) 2-Hexanone	10.84	43	8182	5.079	ug/l		98
74) N-amyl acetate	12.14	43	4538	1.862	ug/l		95
76) 1,2,3-Trichloropropane	12.48	75	72831	46.525	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	72831	101.796	ug/l	#	14
93) 1,2,4-Trichlorobenzene	15.02	180	4603	1.679	ug/l		98
95) Naphthalene	15.23	128	12881	2.105	ug/l	#	94
96) 1,2,3-Trichlorobenzene	15.42	180	4395	1.778	ug/l		95

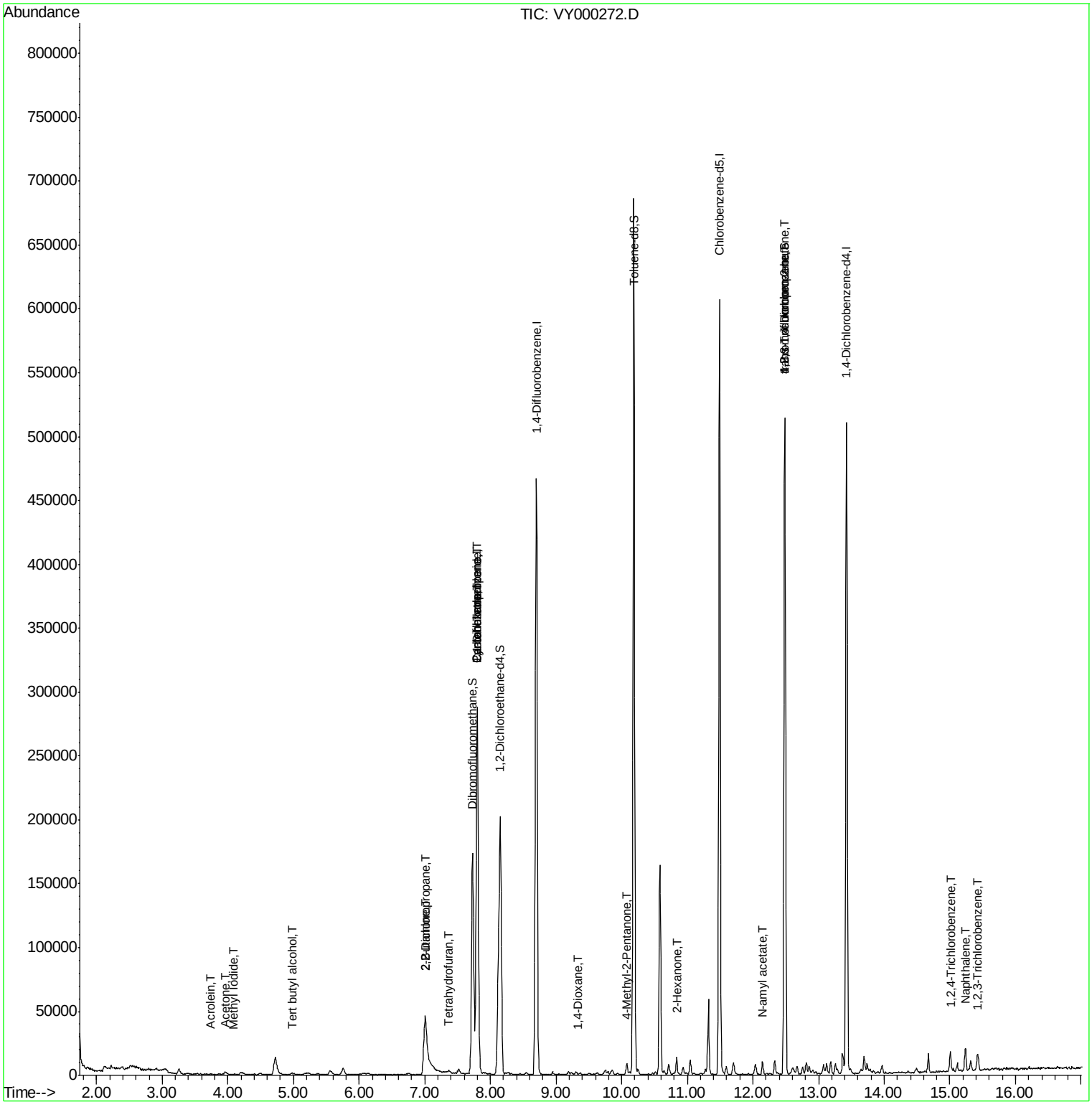
(#) = qualifier out of range (m) = manual integration (+) = signals summed

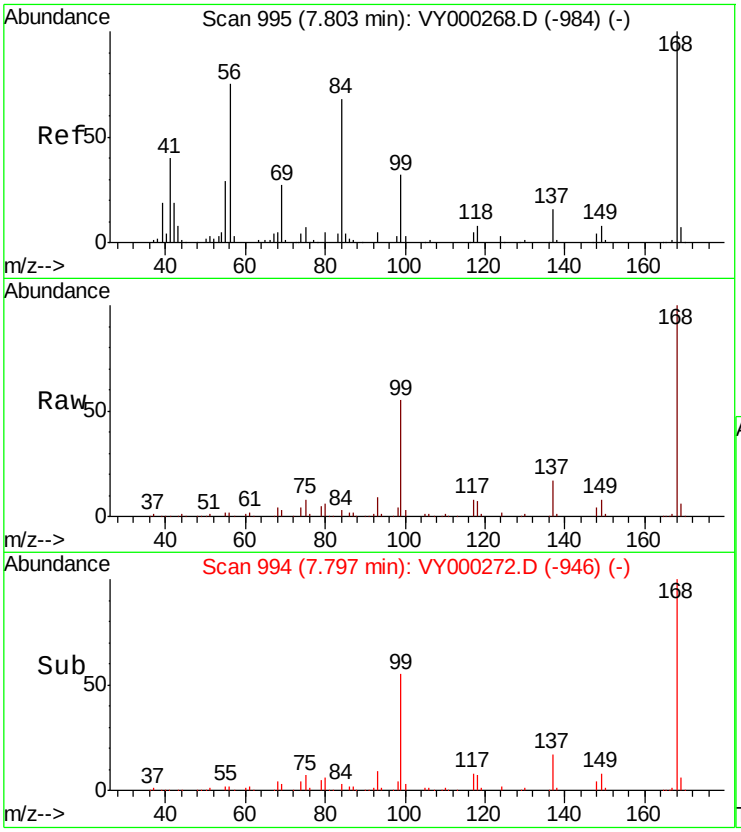
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000272.D
Acq On : 11 Oct 2019 15:42
Operator : SY/MD
Sample : VY1011SBL01
Misc : 5.00G/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 14 07:34:48 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



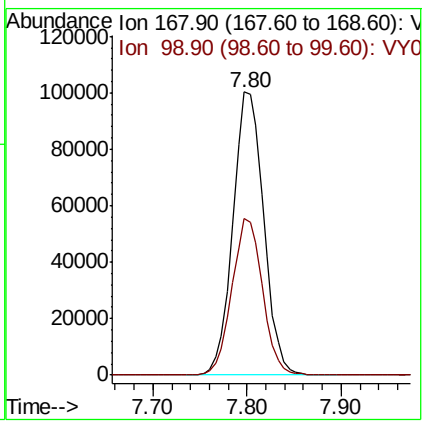


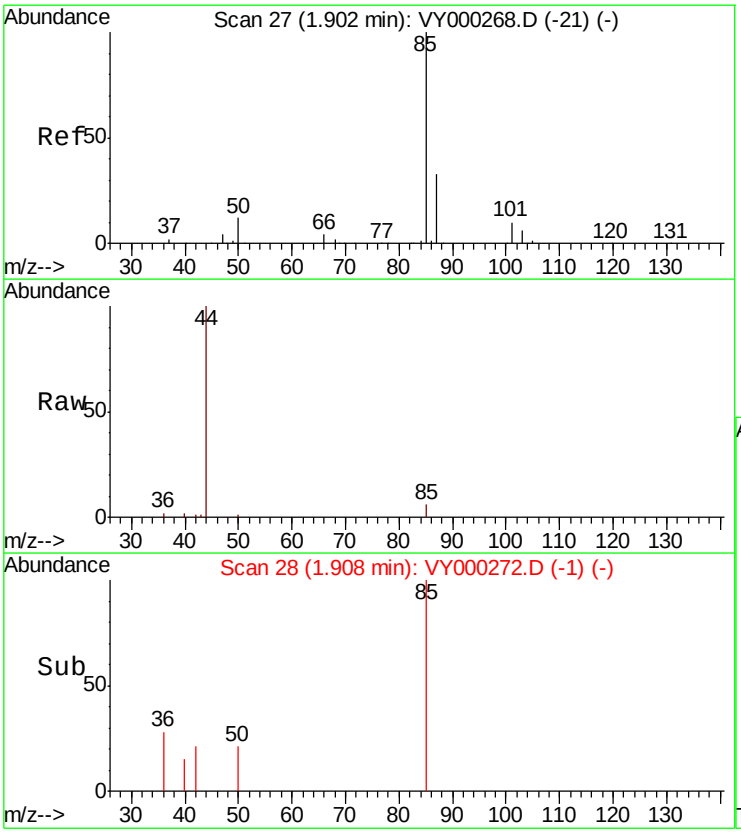
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 228512

Ion	Ratio	Lower	Upper
168	100		
99	55.3	46.6	69.8

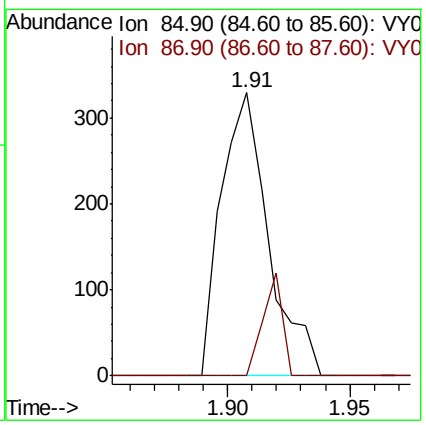


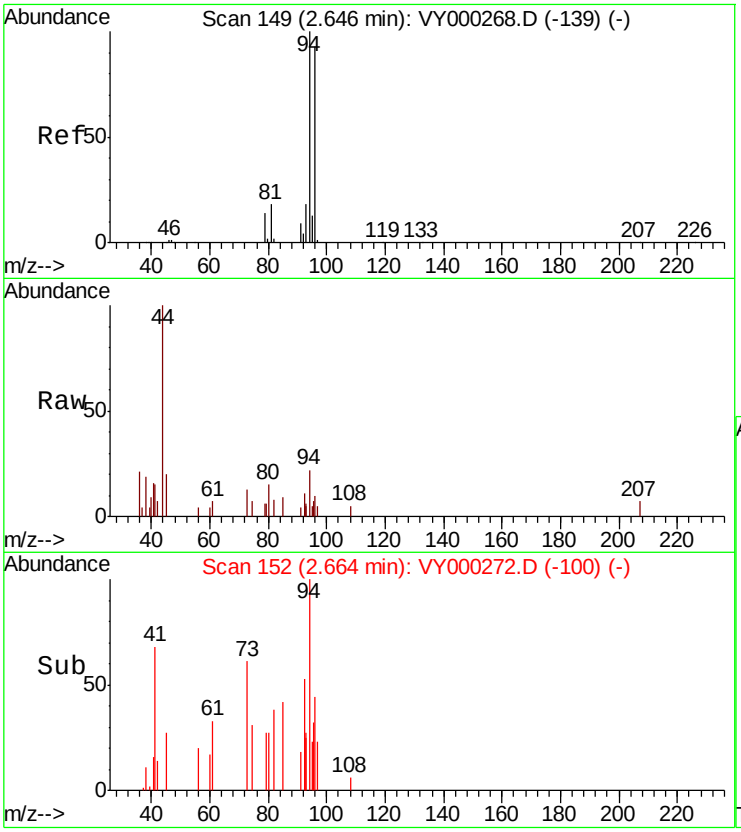


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.91 min Scan# 28
Delta R.T. 0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion: 85 Resp: 446

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



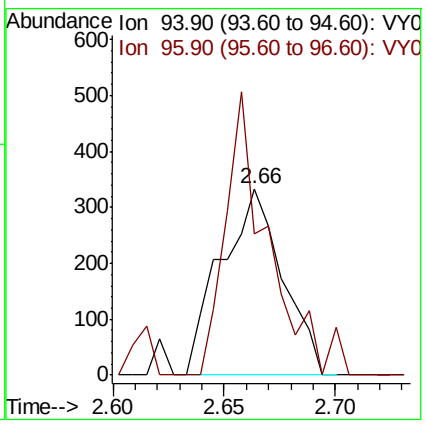


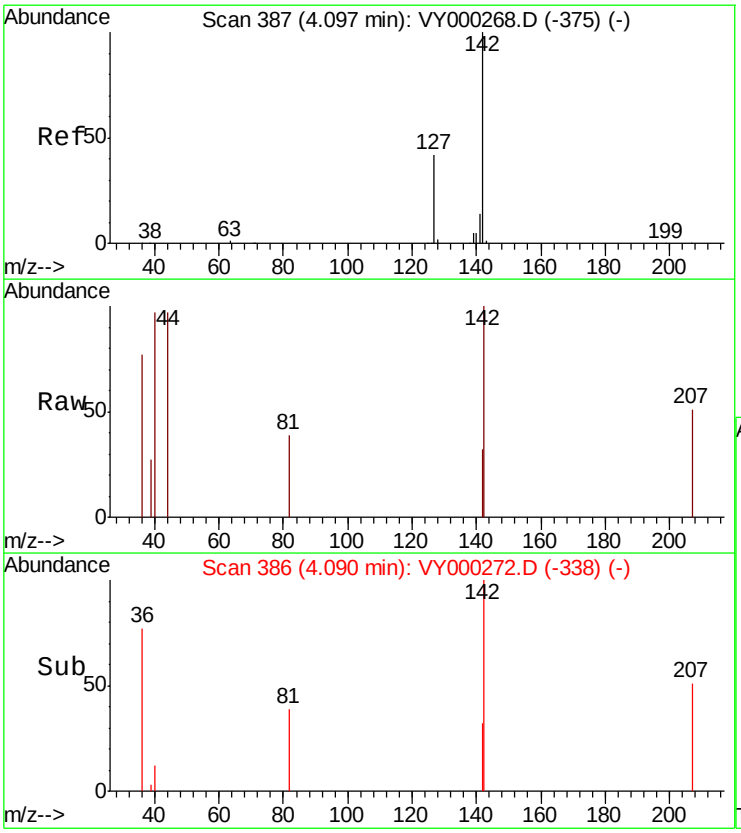
#5
Bromomethane
Concen: Below Cal
RT: 2.66 min Scan# 152
Delta R.T. 0.02 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 642

Ion	Ratio	Lower	Upper
94	100		
96	98.5	74.2	111.2

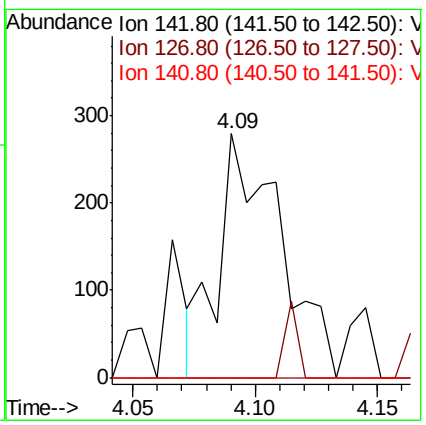


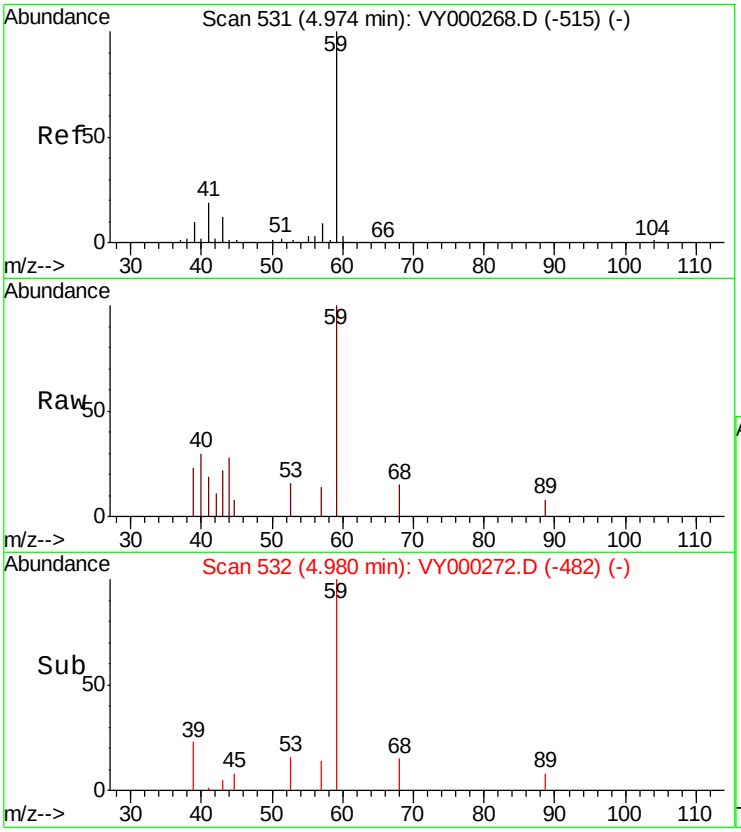


#10
Methyl Iodide
Concen: 1.330 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion:142 Resp: 492

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



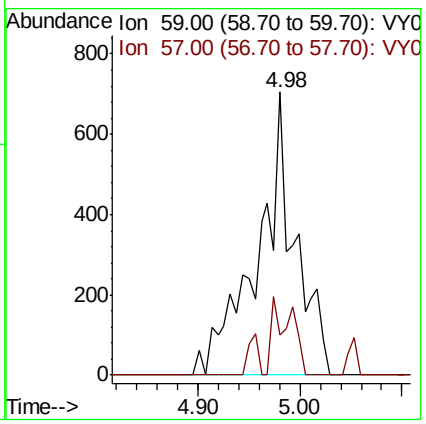


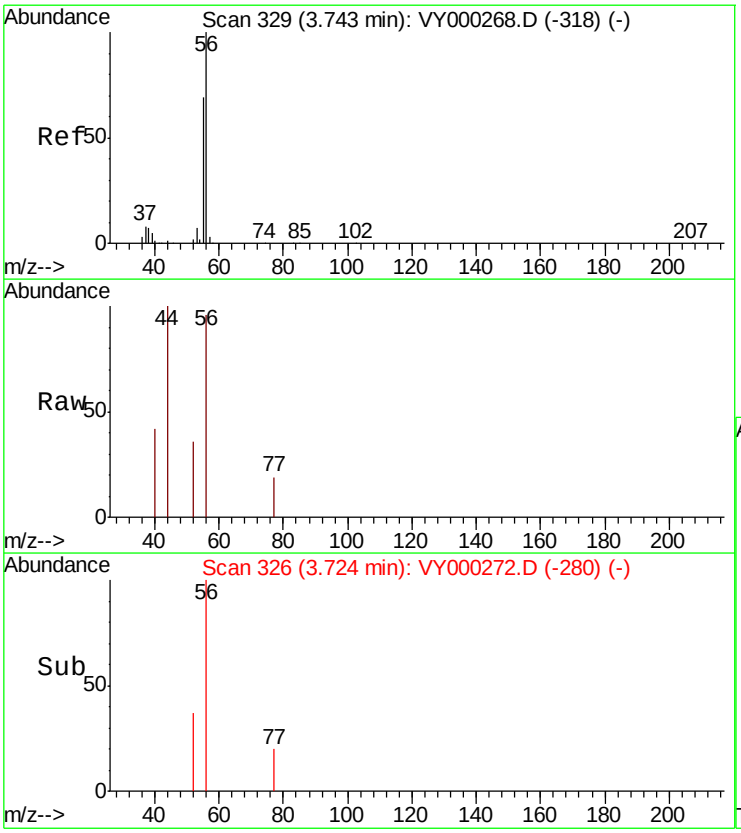
#11
Tert butyl alcohol
Concen: 7.116 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 1795

Ion	Ratio	Lower	Upper
59	100		
57	13.8	8.2	12.2#

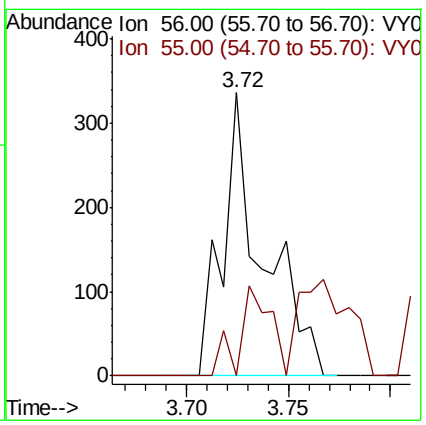


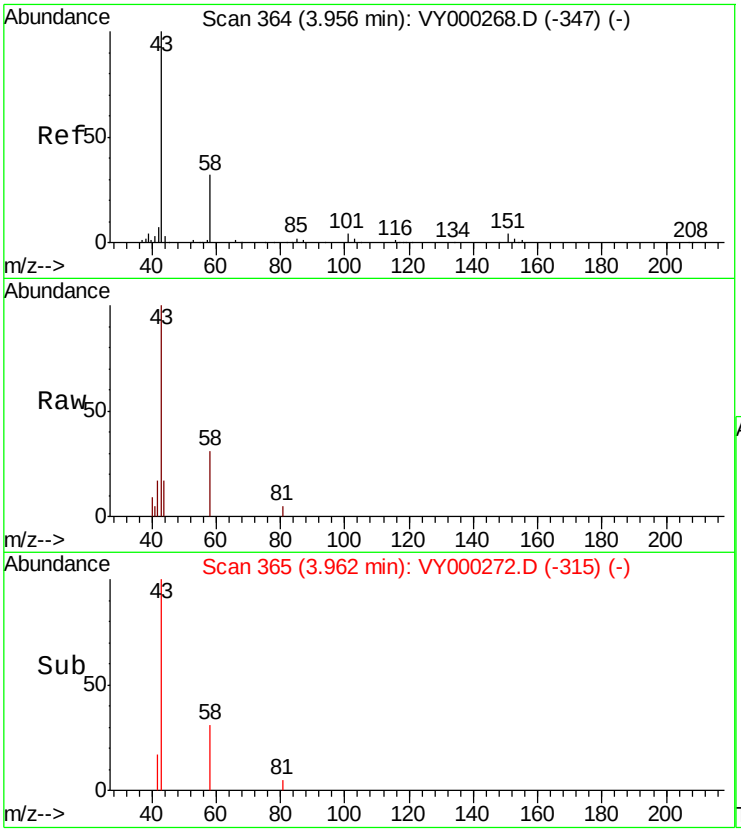


#13
Acrolein
Concen: 1.562 ug/l
RT: 3.72 min Scan# 326
Delta R.T. -0.02 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion: 56 Resp: 462

Ion	Ratio	Lower	Upper
56	100		
55	24.7	55.7	83.5#



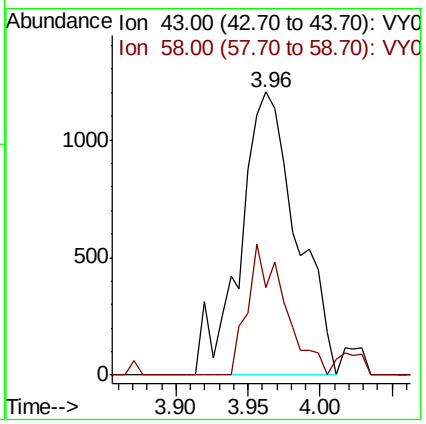


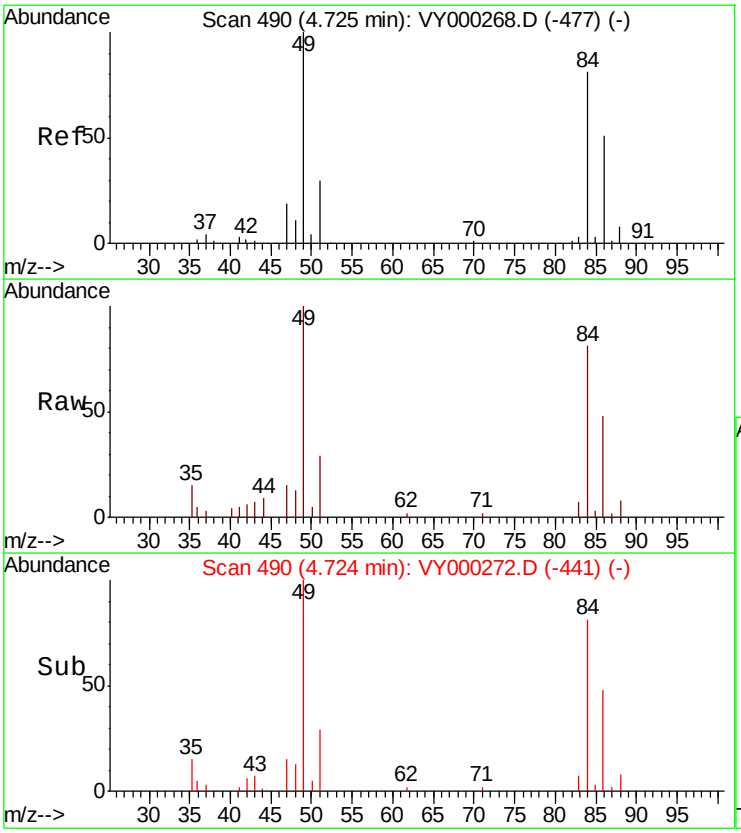
#16
Acetone
Concen: 4.188 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3269

Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.8	38.6

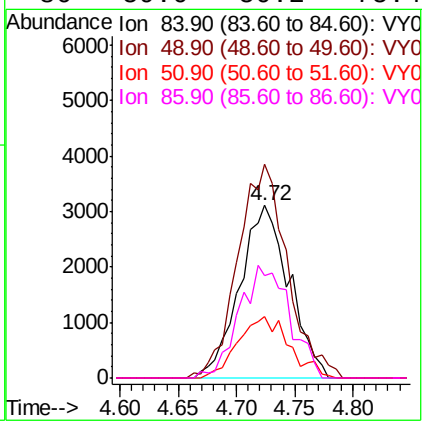


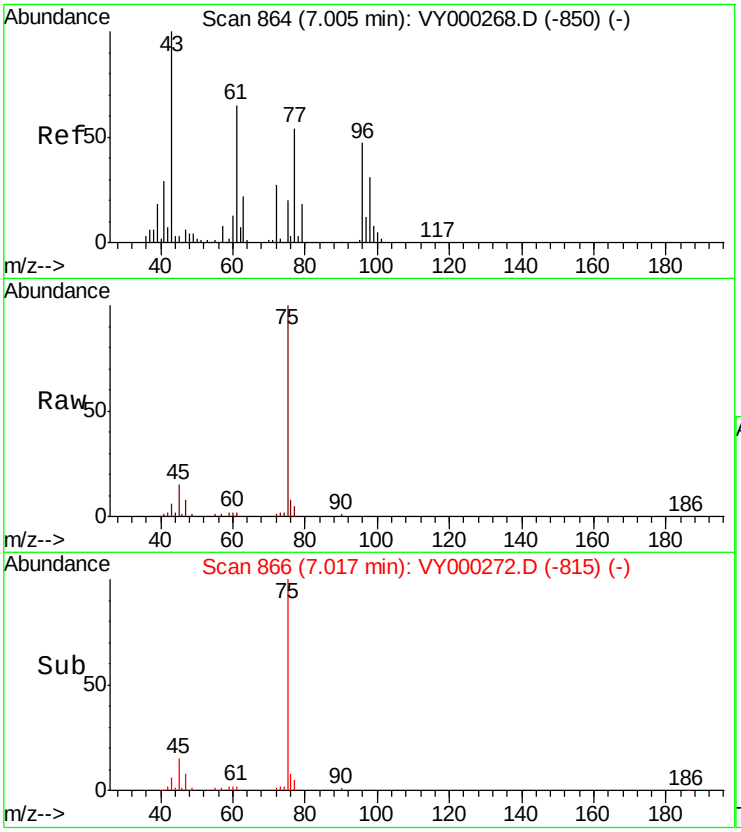


#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion: 84 Resp: 9205

Ion	Ratio	Lower	Upper
84	100		
49	123.8	99.0	148.4
51	35.4	29.3	43.9
86	59.0	50.2	75.4



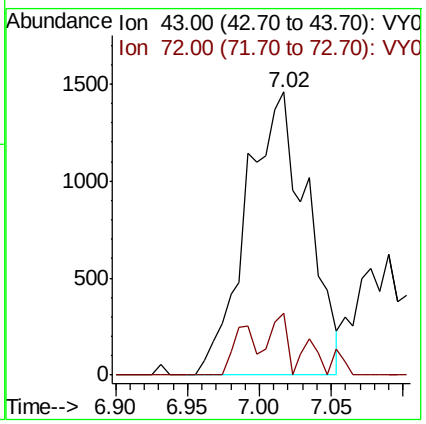


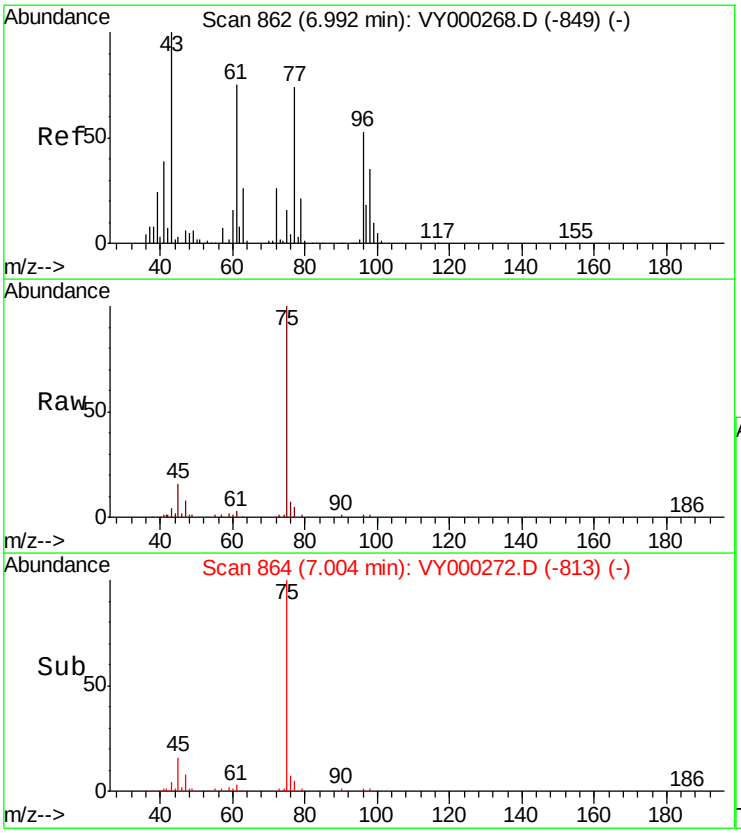
#25
2-Butanone
Concen: 3.872 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4258

Ion	Ratio	Lower	Upper
43	100		
72	21.9	21.4	32.2

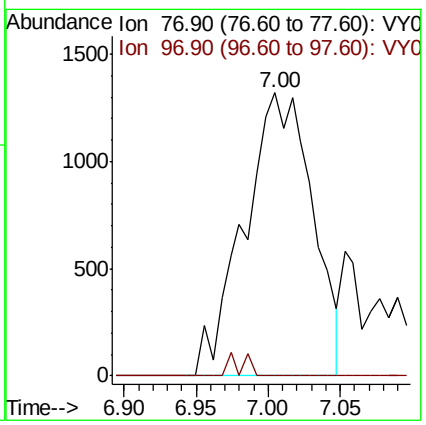


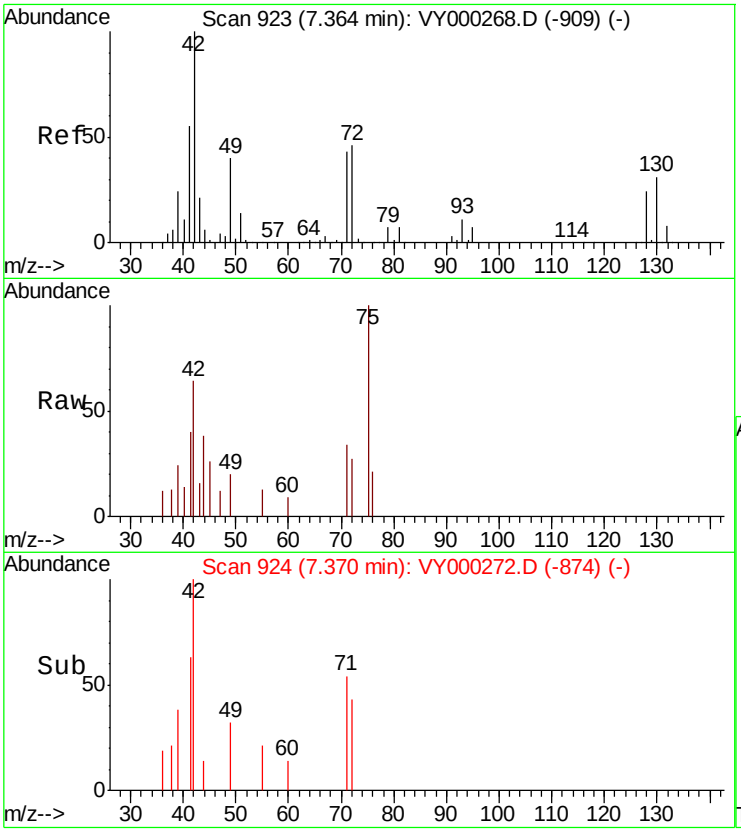


#26
2,2-Dichloropropane
Concen: 1.071 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion: 77 Resp: 4358

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.6	34.7#



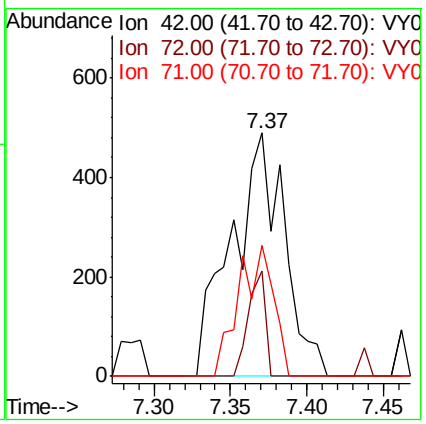


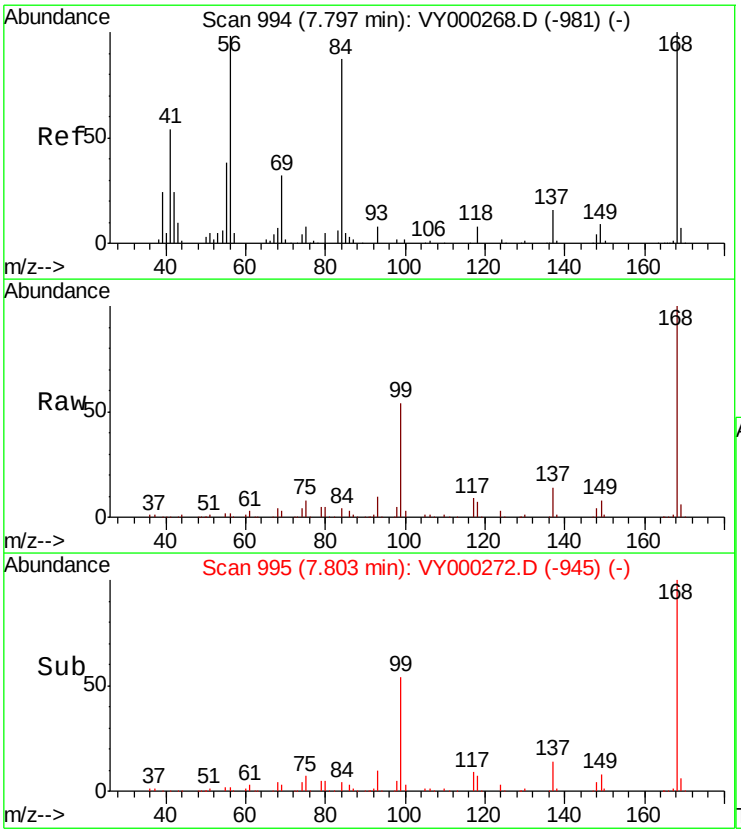
#29
Tetrahydrofuran
Concen: 1.756 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 1170

Ion	Ratio	Lower	Upper
42	100		
72	13.7	34.5	51.7#
71	35.5	32.7	49.1

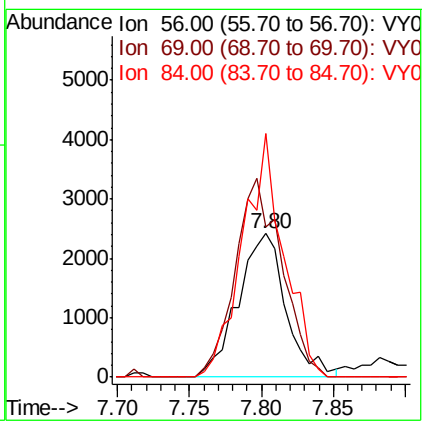


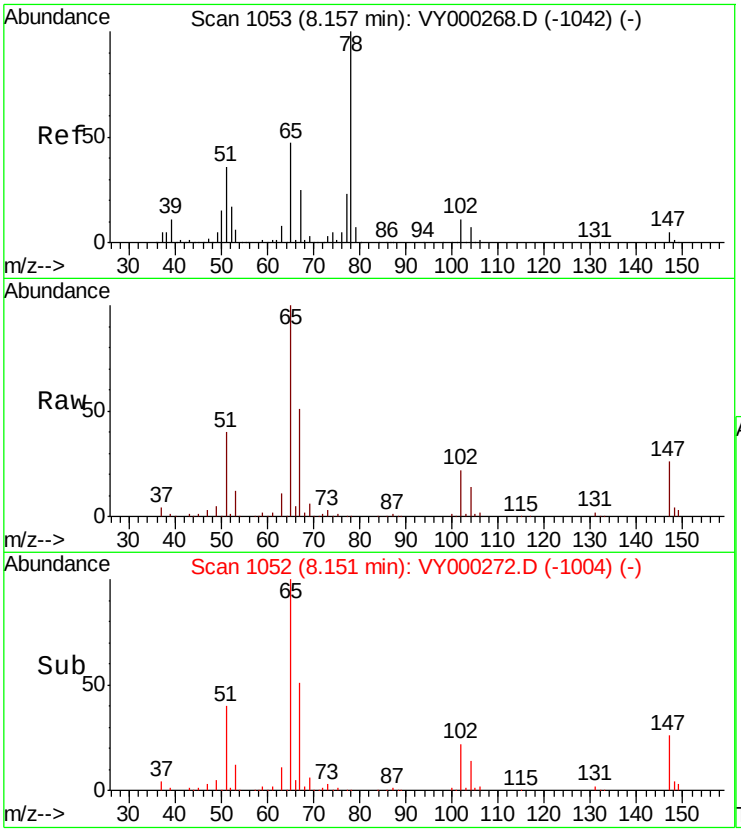


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion: 56 Resp: 5581

Ion	Ratio	Lower	Upper
56	100		
69	104.4	26.3	39.5#
84	169.9	70.8	106.2#



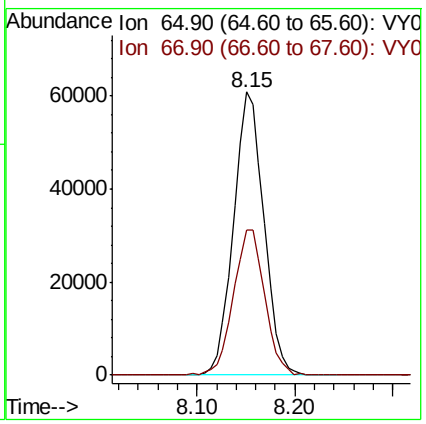


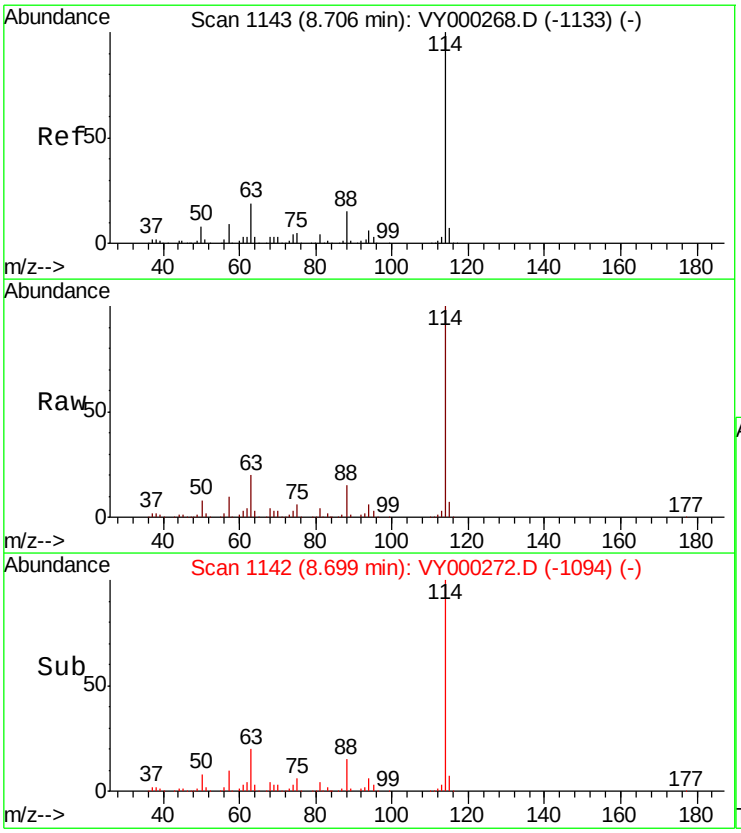
#33
1,2-Dichloroethane-d4
Concen: 54.159 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 130547

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	109.4

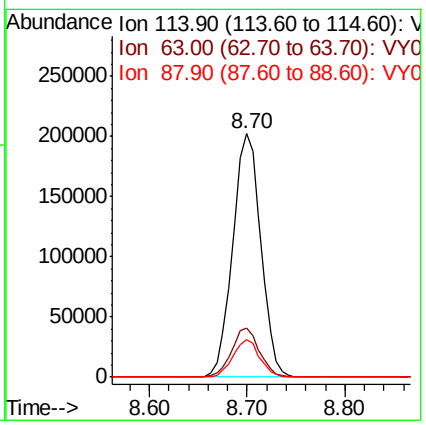


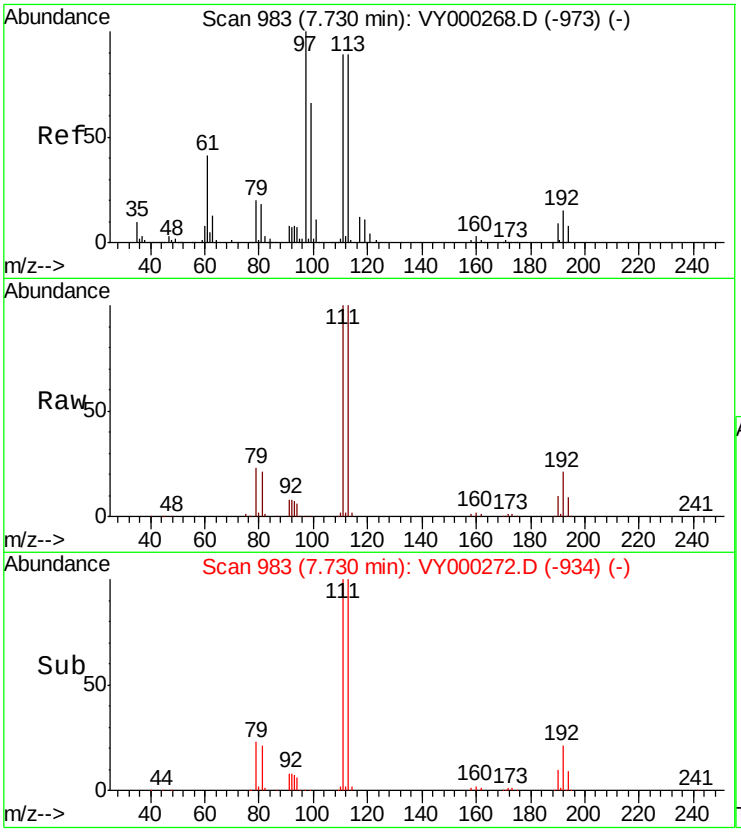


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion:114 Resp: 403721

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	37.2
88	15.3	0.0	30.2



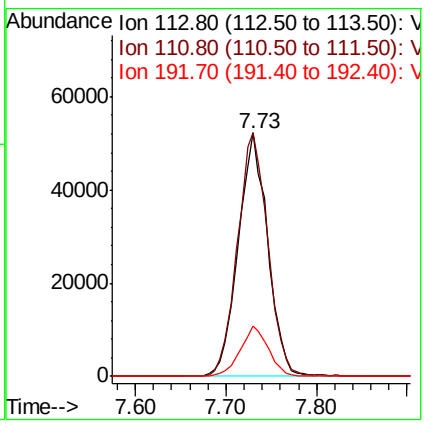


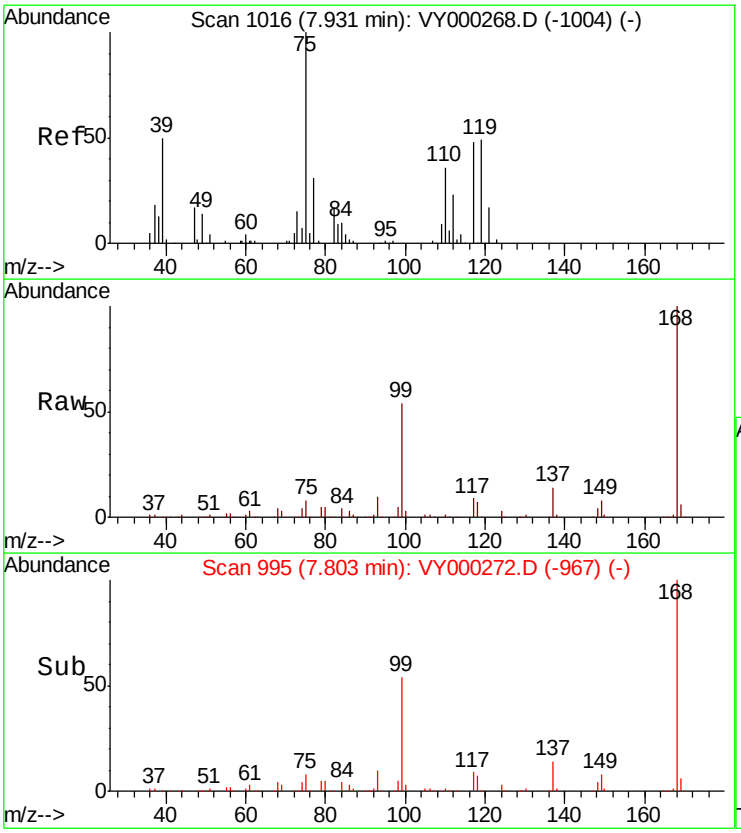
#35
Dibromofluoromethane
Concen: 48.177 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 117325

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	19.6	15.3	22.9

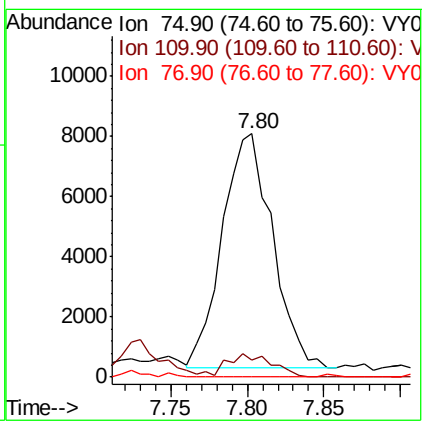


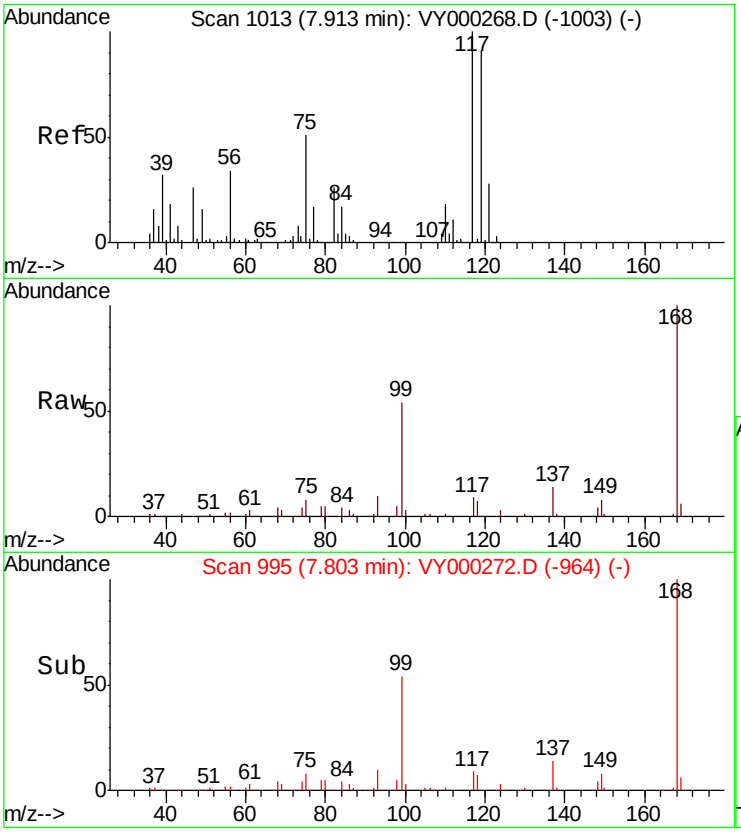


#36
1,1-Dichloropropene
Concen: 4.453 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion: 75 Resp: 17601

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.4	55.4#
77	0.0	25.0	37.6#



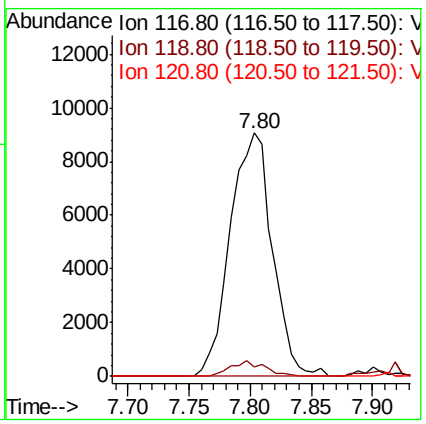


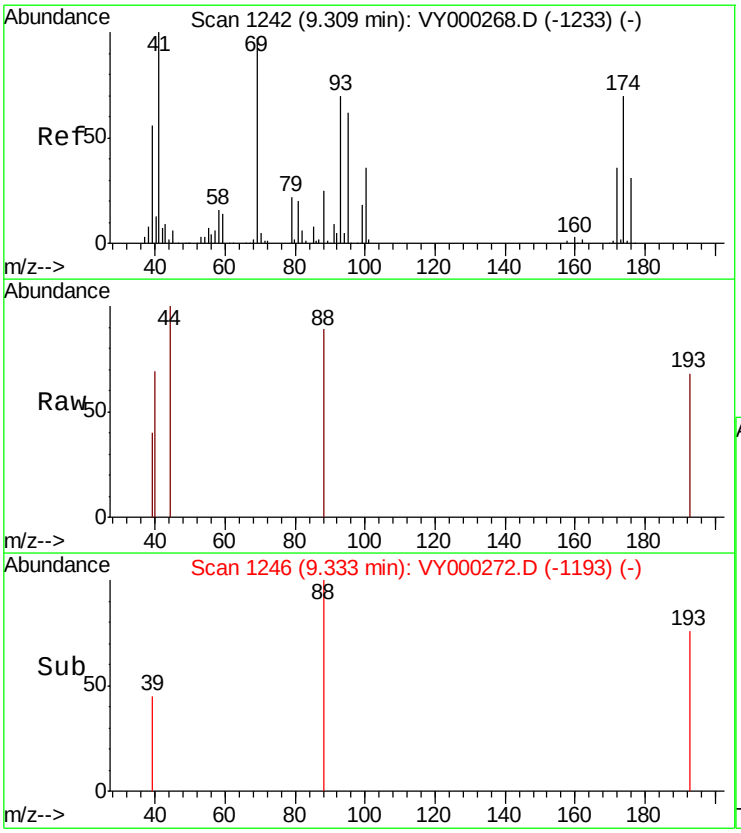
#38
Carbon Tetrachloride
Concen: 5.663 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 21674

Ion	Ratio	Lower	Upper
117	100		
119	3.9	72.8	109.2#
121	0.0	22.2	33.2#

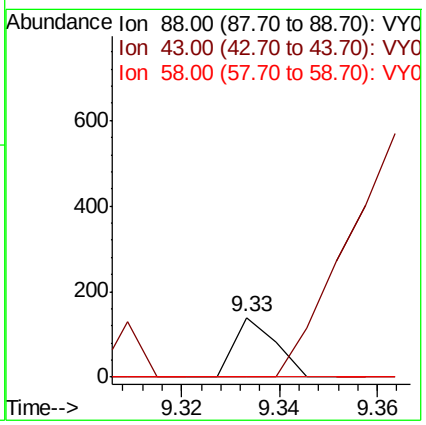


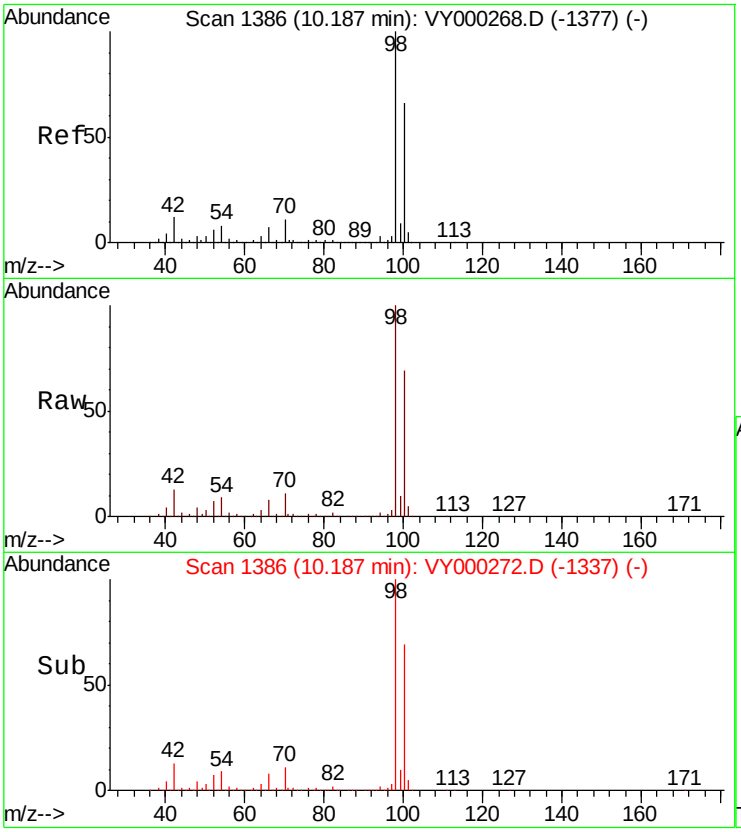


#49
1,4-Dioxane
Concen: 3.447 ug/l
RT: 9.33 min Scan# 1246
Delta R.T. 0.02 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion: 88 Resp: 81

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



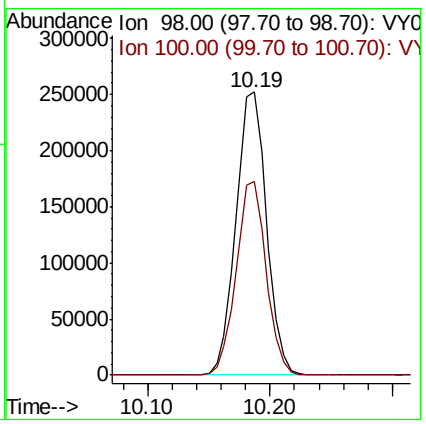


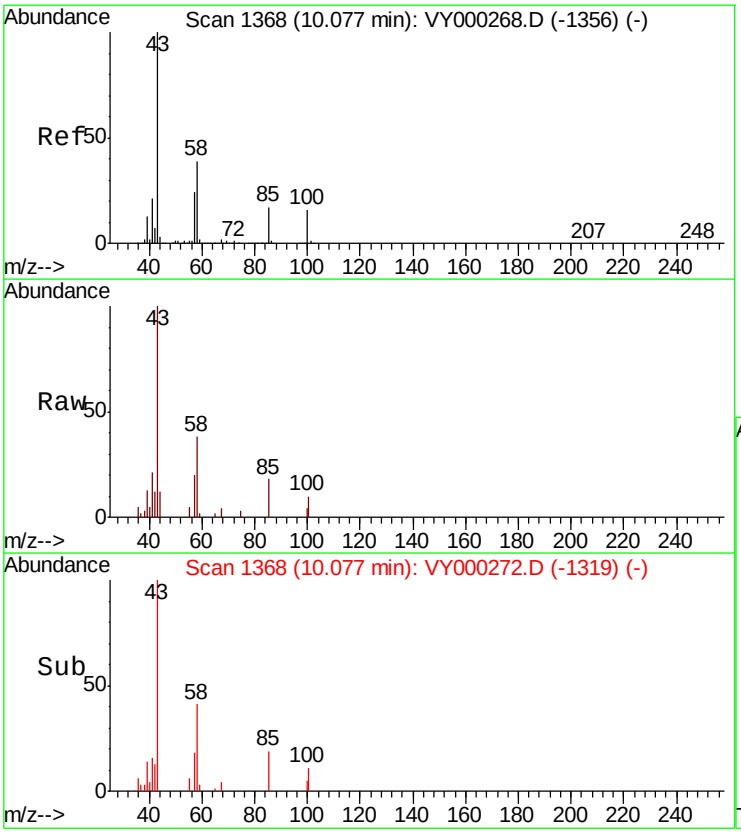
#50
Toluene-d8
Concen: 46.626 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 436792

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.8	79.2

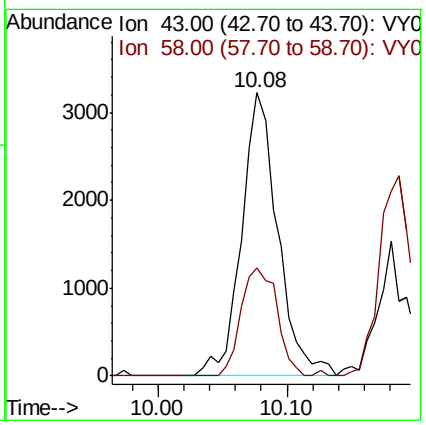


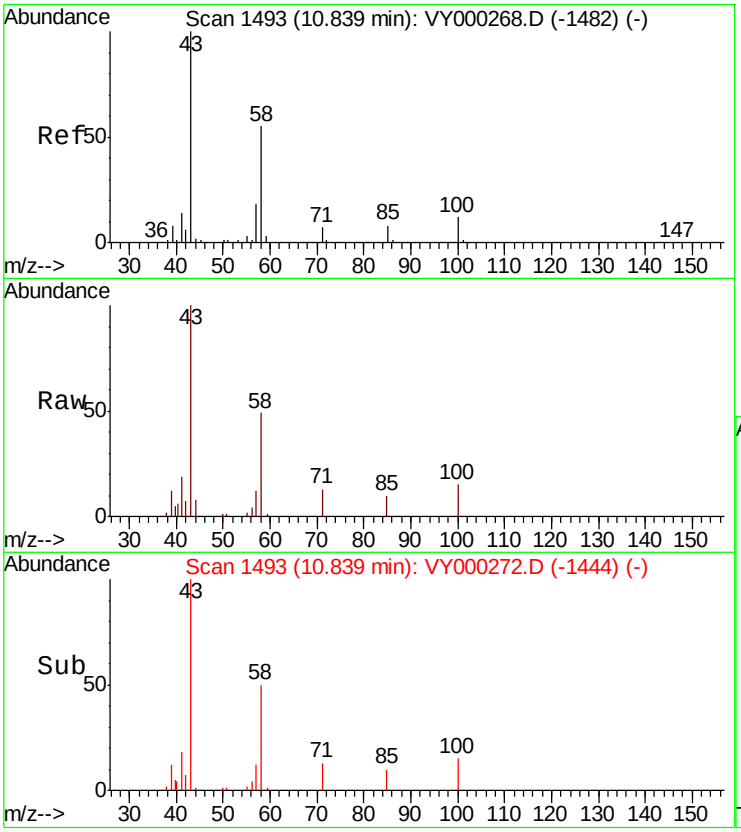


#51
4-Methyl-2-Pentanone
Concen: 2.723 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion: 43 Resp: 6250

Ion	Ratio	Lower	Upper
43	100		
58	37.9	31.0	46.6



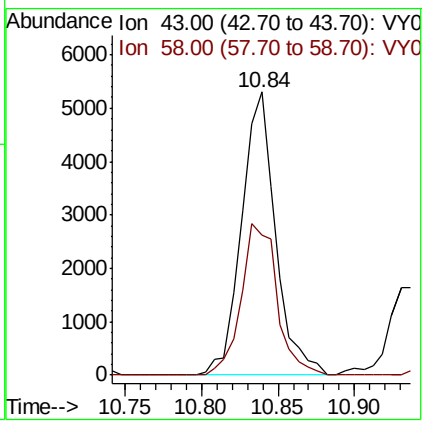


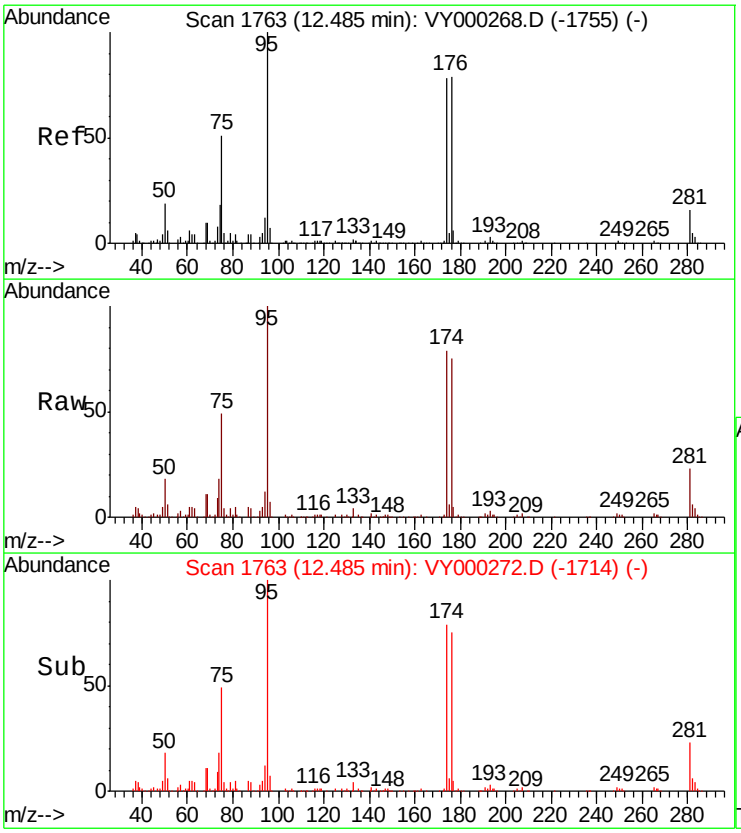
#59
2-Hexanone
Concen: 5.079 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 8182

Ion	Ratio	Lower	Upper
43	100		
58	56.6	27.7	83.1

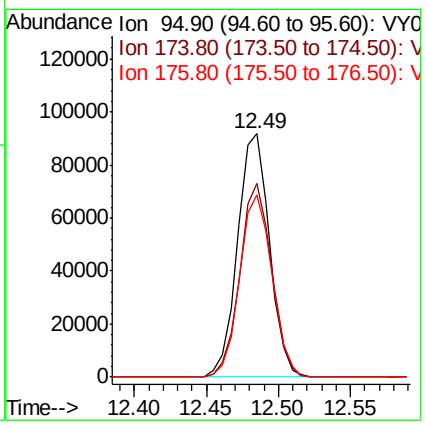


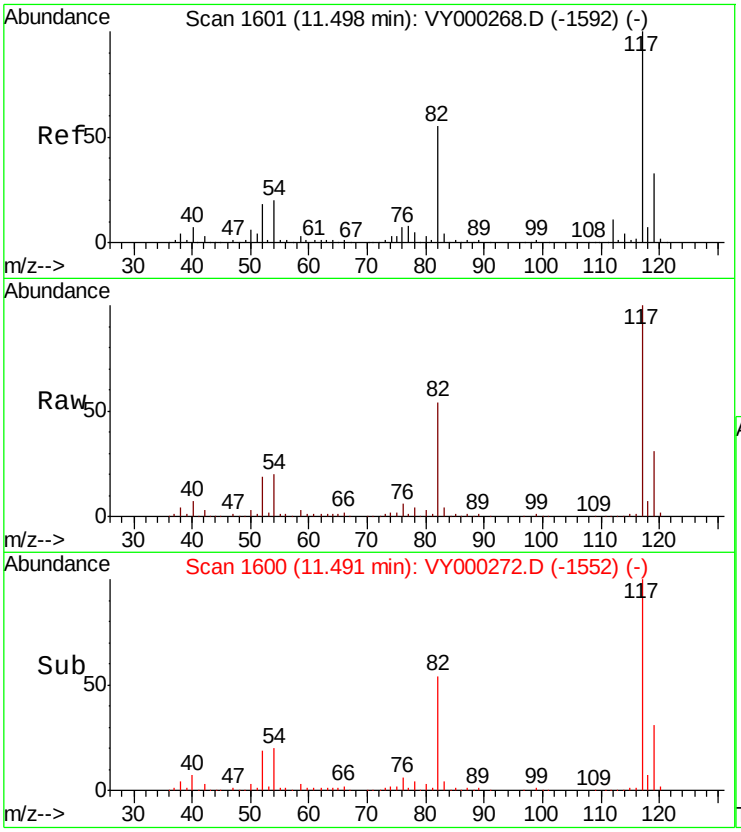


#62
4-Bromofluorobenzene
Concen: 39.569 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion: 95 Resp: 140826

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	159.6
176	75.7	0.0	153.8



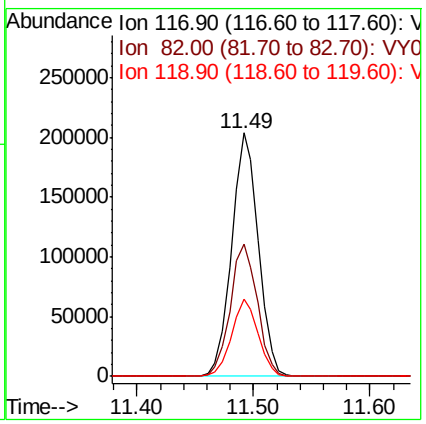


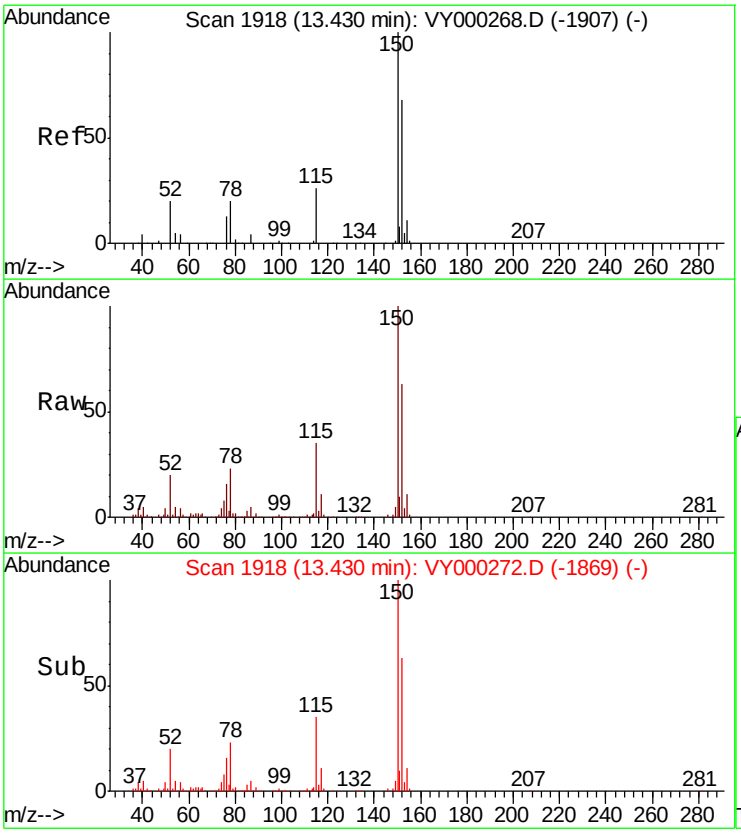
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 323352

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.7	65.5
119	31.5	26.6	39.8

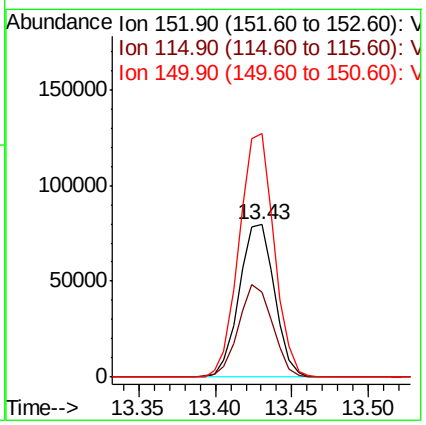


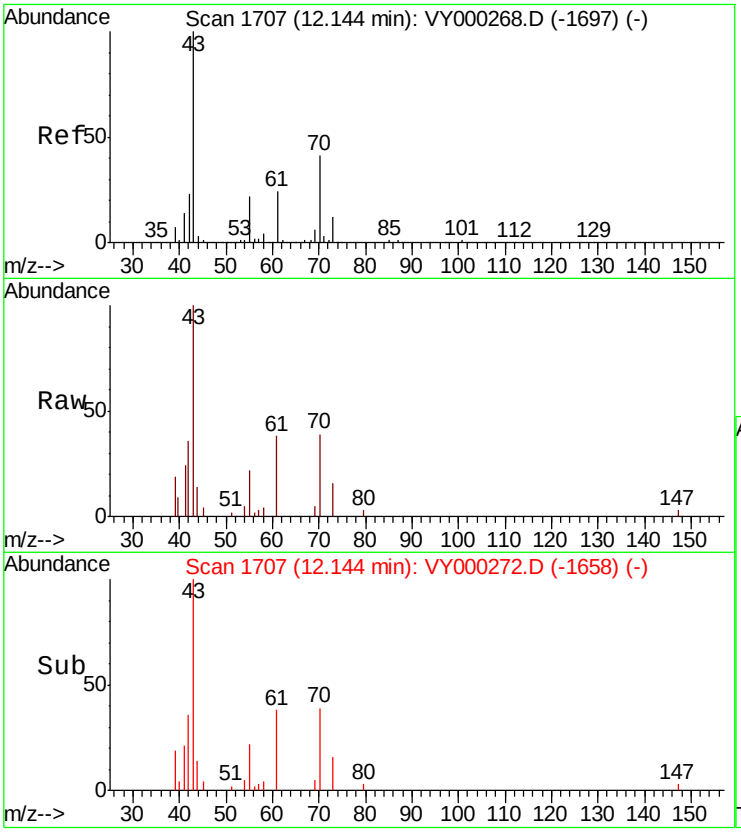


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion:152 Resp: 127304

Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.3	88.0
150	158.1	0.0	348.4



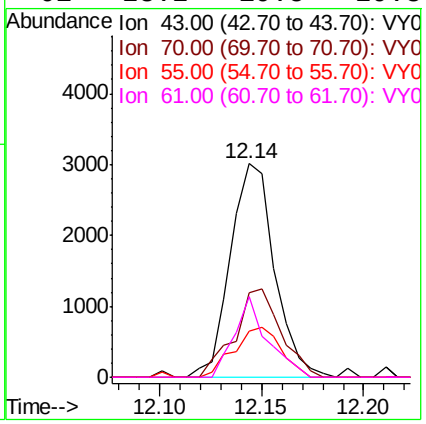


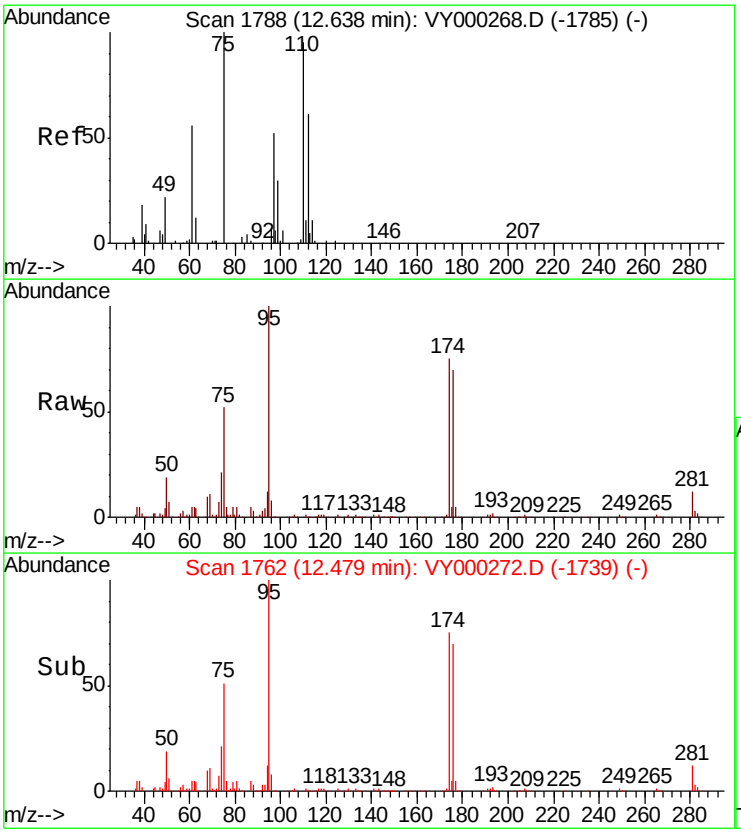
#74
N-amyl acetate
Concen: 1.862 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4538

Ion	Ratio	Lower	Upper
43	100		
70	43.3	32.9	49.3
55	25.1	17.8	26.6
61	28.2	19.5	29.3

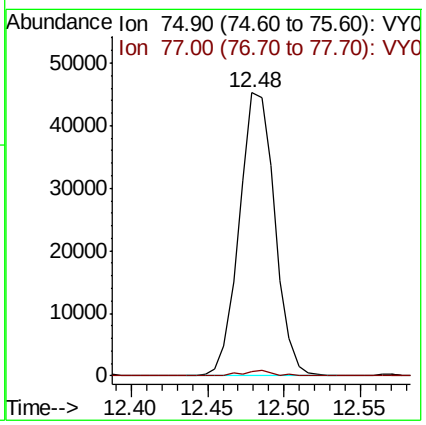


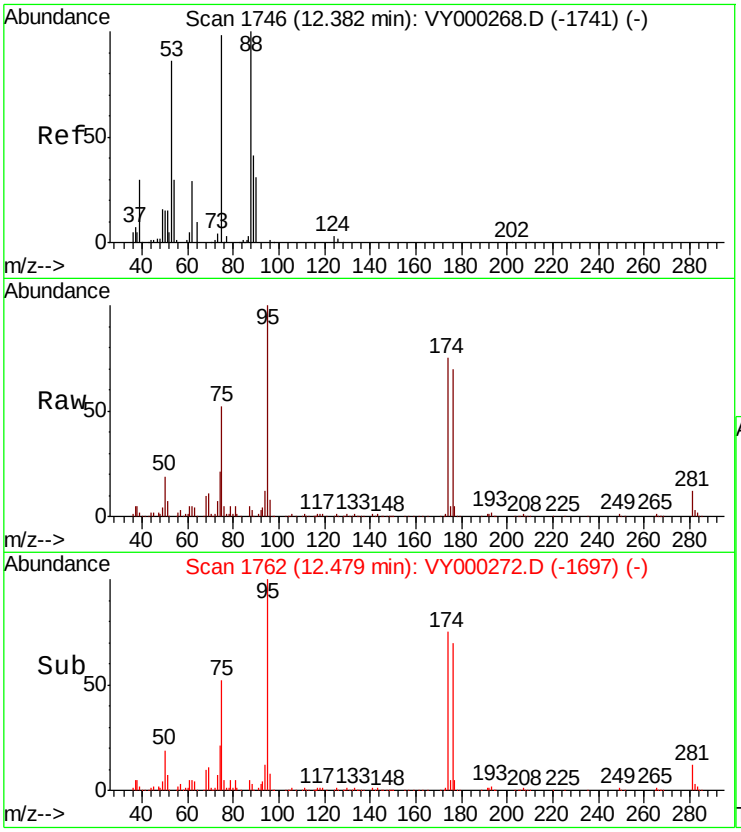


#76
1,2,3-Trichloropropane
Concen: 46.525 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion: 75 Resp: 72831

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#



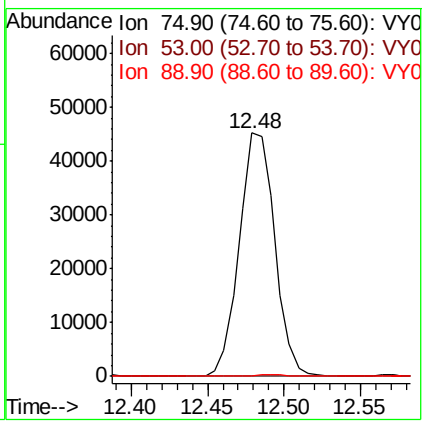


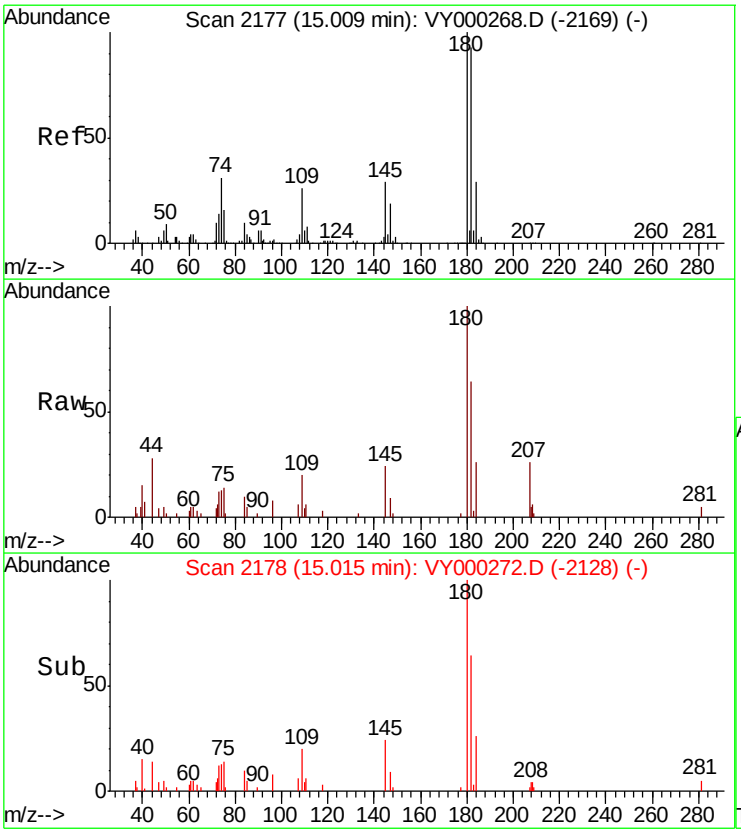
#81
trans-1,4-Dichloro-2-butene
Concen: 101.796 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 72831

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.5	35.1	52.7#

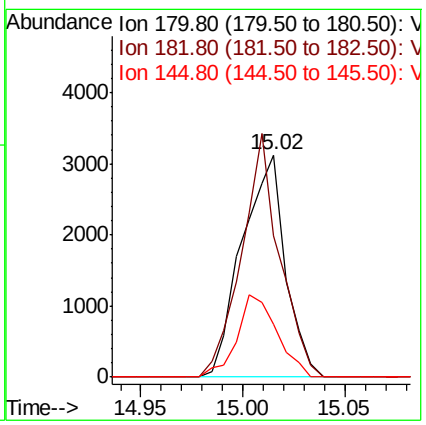


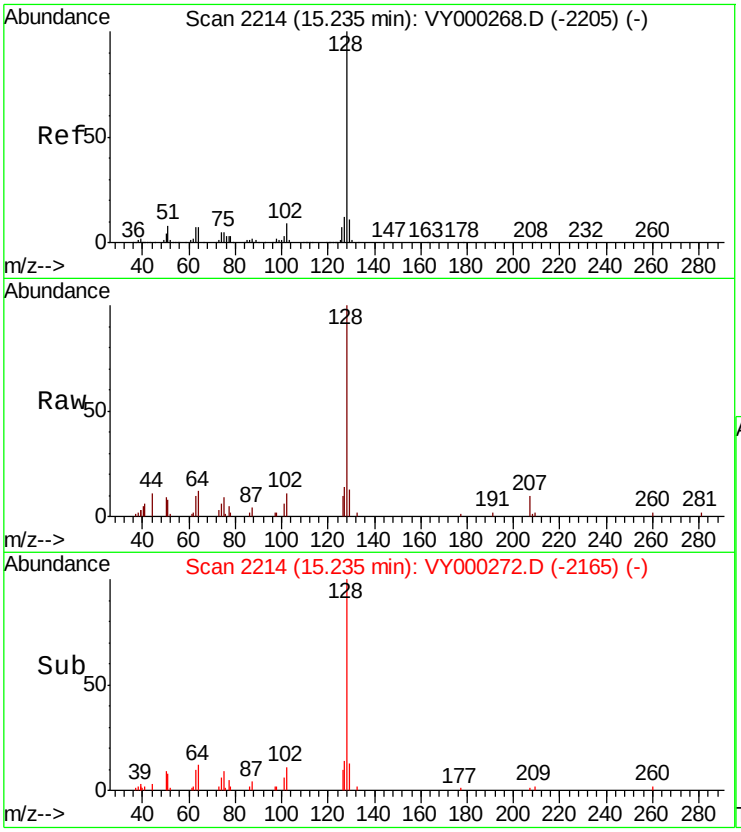


#93
1,2,4-Trichlorobenzene
Concen: 1.679 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion:180 Resp: 4603

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	34.2	15.4	46.1



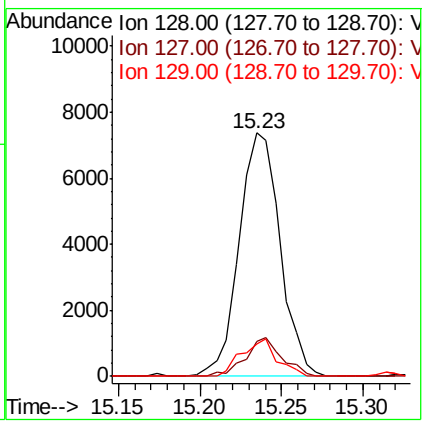


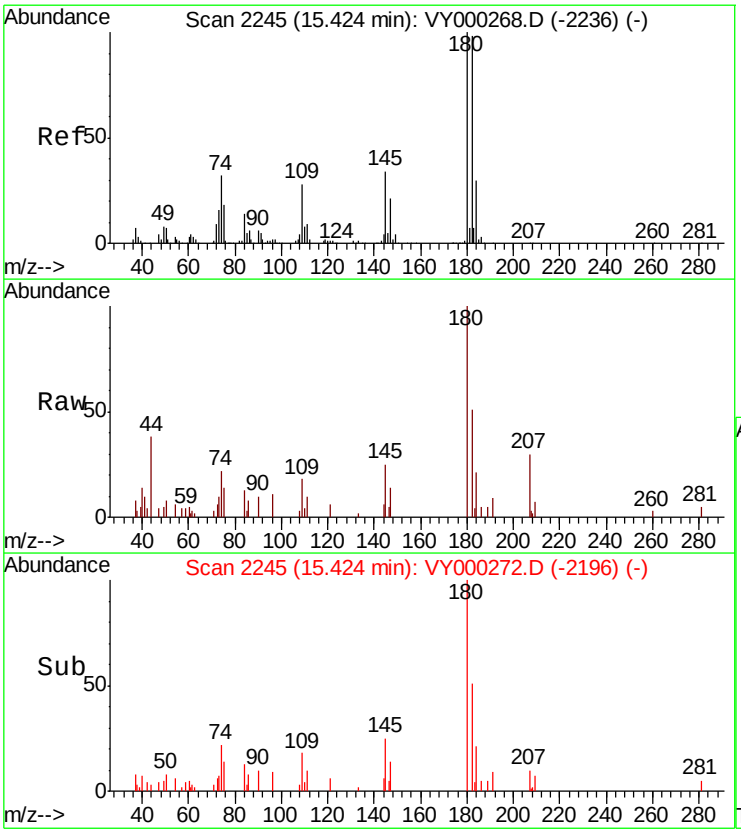
#95
Naphthalene
Concen: 2.105 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 12881

Ion	Ratio	Lower	Upper
128	100		
127	14.2	9.6	14.4
129	13.2	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 1.778 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion:180 Resp: 4395

Ion	Ratio	Lower	Upper
180	100		
182	88.0	46.5	139.5
145	34.4	16.2	48.5