Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012420\
Data File : VY001386.D
Acq On : 24 Jan 2020 16:40
Operator : SY/MD
Sample : L1242-01
Misc : 4.99G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Jan 25 03:51:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.81	168	161868	50.00	ug/l		-0.01
34) 1,4-Difluorobenzene	8.71	114	296486	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	266203	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	110324	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	96441	54.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.50%				
35) Dibromofluoromethane	7.74	113	87686	50.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.78%				
50) Toluene-d8	10.19	98	352721	52.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.34%				
62) 4-Bromofluorobenzene	12.49	95	123678	45.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.88%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.99	59	1536	Below Cal		#	85
13) Acrolein	3.76	56	1089	Below Cal		#	23
16) Acetone	3.97	43	36946	74.299	ug/l		98
17) Carbon Disulfide	4.22	76	31204	5.773	ug/l		99
20) Methylene Chloride	4.74	84	4822	Below Cal			95
25) 2-Butanone	7.01	43	15872	20.703	ug/l		95
29) Tetrahydrofuran	7.38	42	565	1.133	ug/l	#	73
31) Cyclohexane	7.80	56	4279	1.256	ug/l	#	21
36) 1,1-Dichloropropene	7.81	75	12710	4.538	ug/l	#	50
37) Ethyl Acetate	7.01	43	15872	9.274	ug/l	#	82
38) Carbon Tetrachloride	7.82	117	15785	6.323	ug/l	#	16
49) 1,4-Dioxane	9.14	88	19	1.182	ug/l	#	1
76) 1,2,3-Trichloropropane	12.49	75	61297	46.108	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.49	75	61297	87.255	ug/l	#	14
84) 1,2,4-Trimethylbenzene	13.13	105	9933	1.362	ug/l		98
95) Naphthalene	15.24	128	78831	14.999	ug/l		98

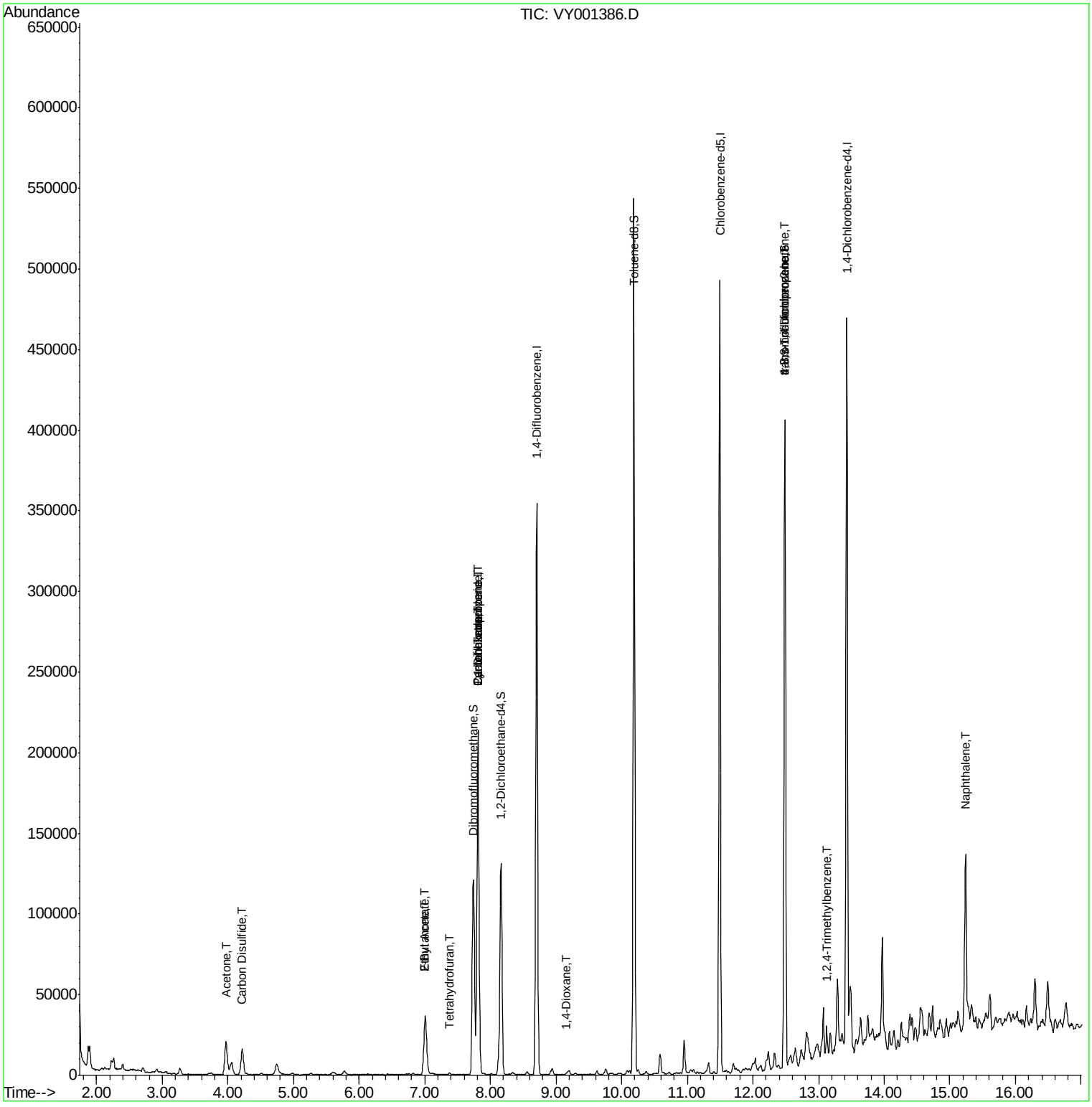
(#) = qualifier out of range (m) = manual integration (+) = signals summed

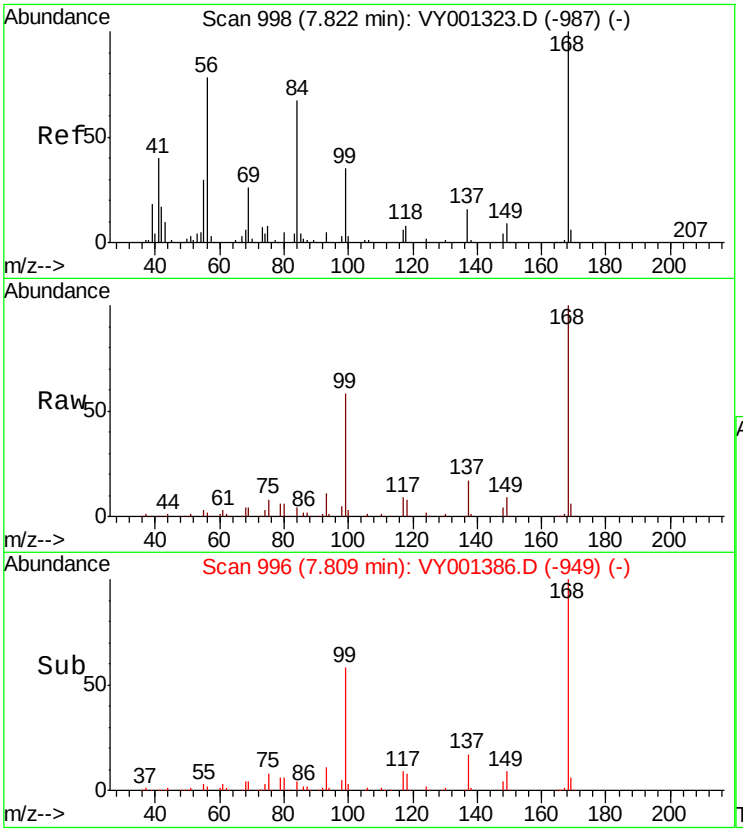
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012420\
Data File : VY001386.D
Acq On : 24 Jan 2020 16:40
Operator : SY/MD
Sample : L1242-01
Misc : 4.99G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 25 03:51:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration



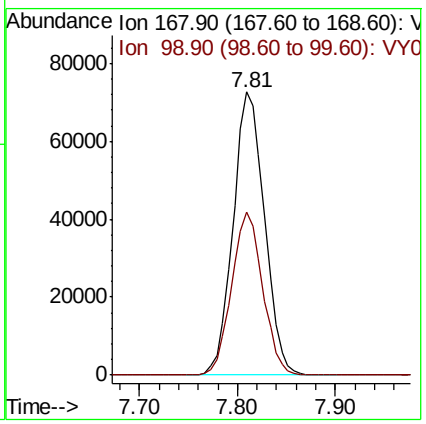


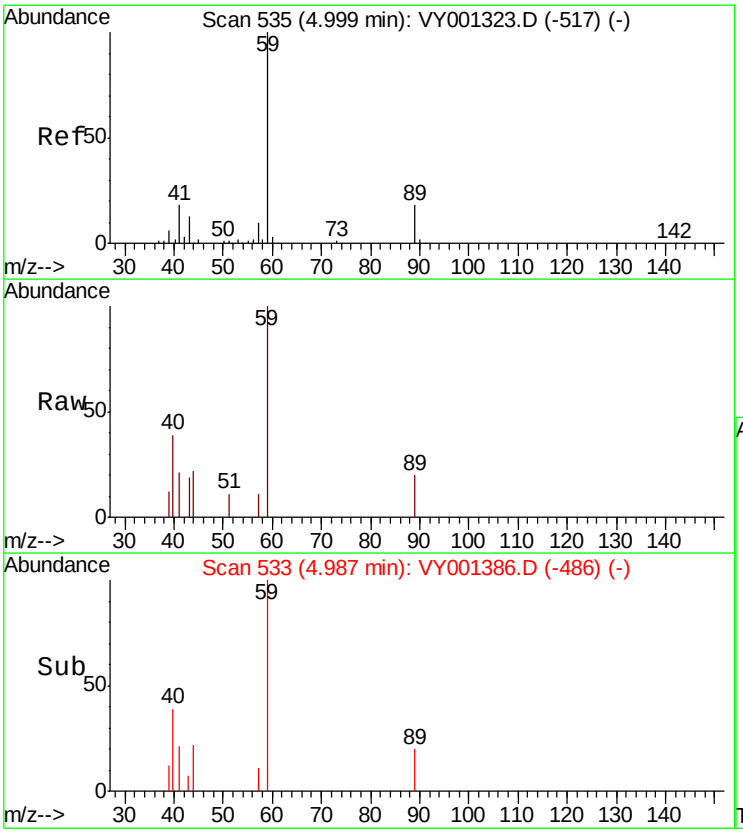
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 161868

Ion	Ratio	Lower	Upper
168	100		
99	57.6	44.3	66.5

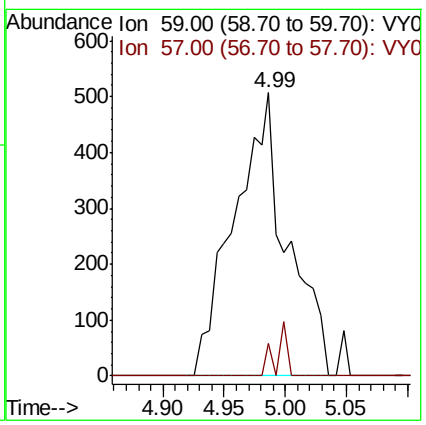


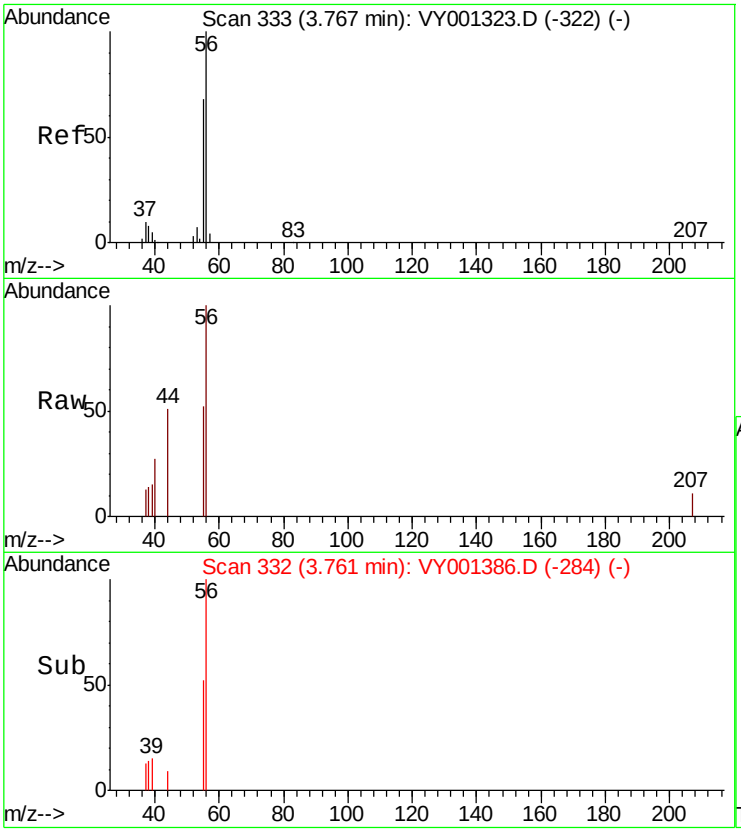


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 59 Resp: 1536

Ion	Ratio	Lower	Upper
59	100		
57	3.7	7.4	11.2#



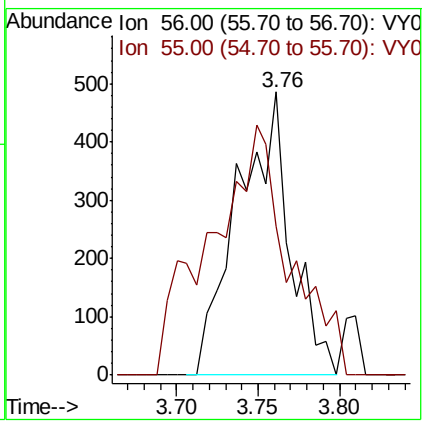


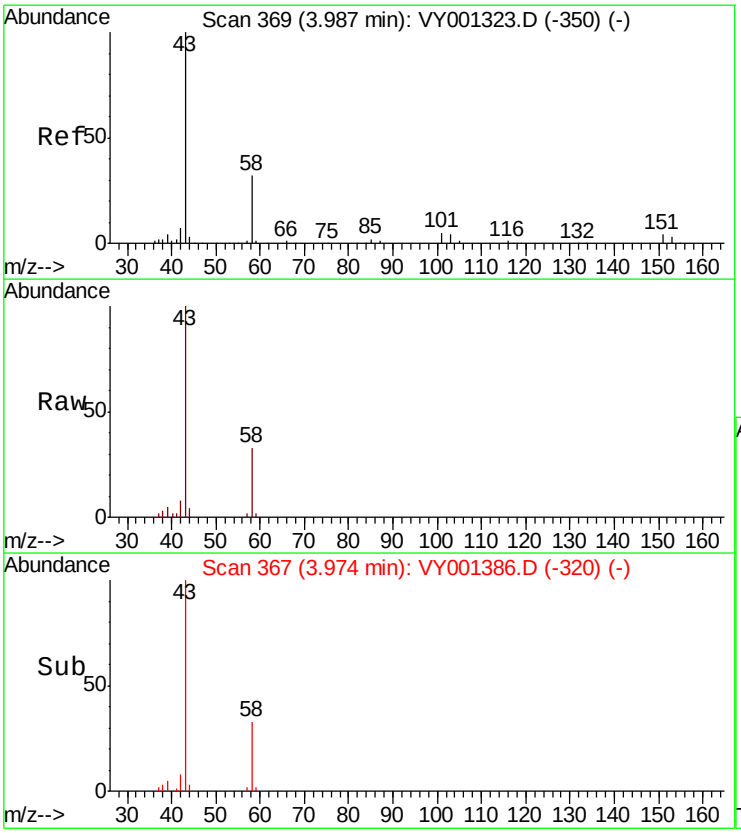
#13
Acrolein
Concen: Below Cal
RT: 3.76 min Scan# 332
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 1089

Ion	Ratio	Lower	Upper
56	100		
55	132.9	55.9	83.9#

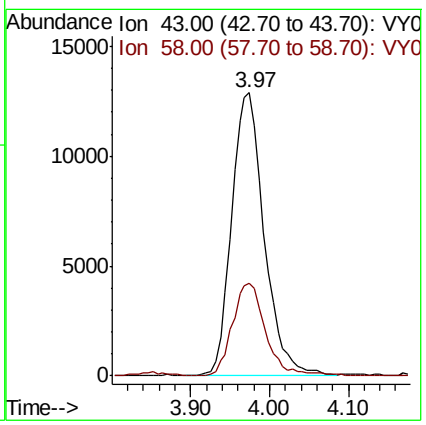


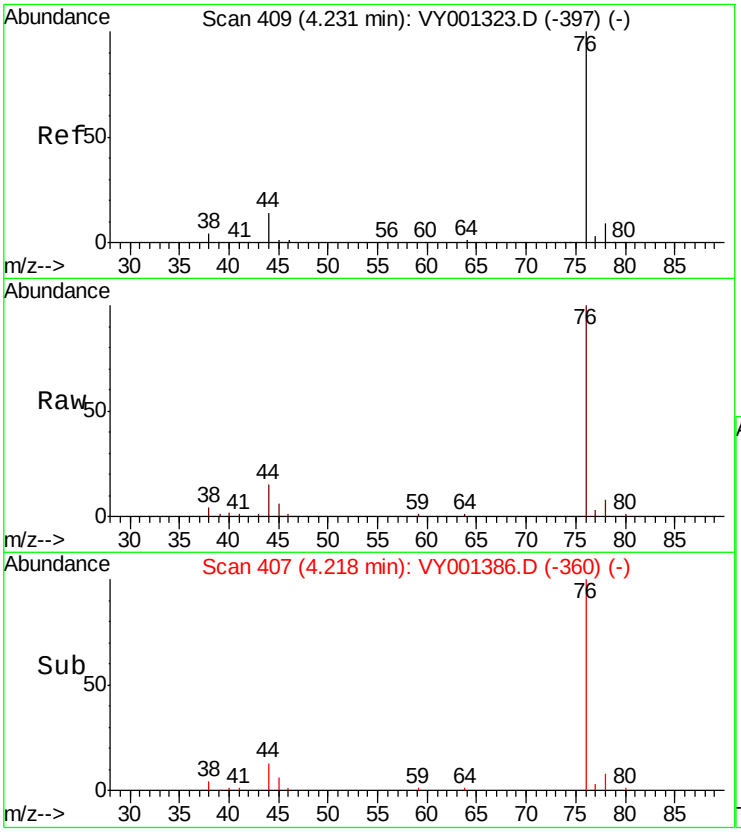


#16
Acetone
Concen: 74.299 ug/l
RT: 3.97 min Scan# 367
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 43 Resp: 36946

Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.4	38.0



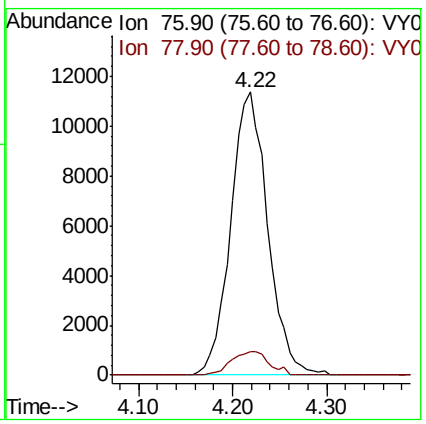


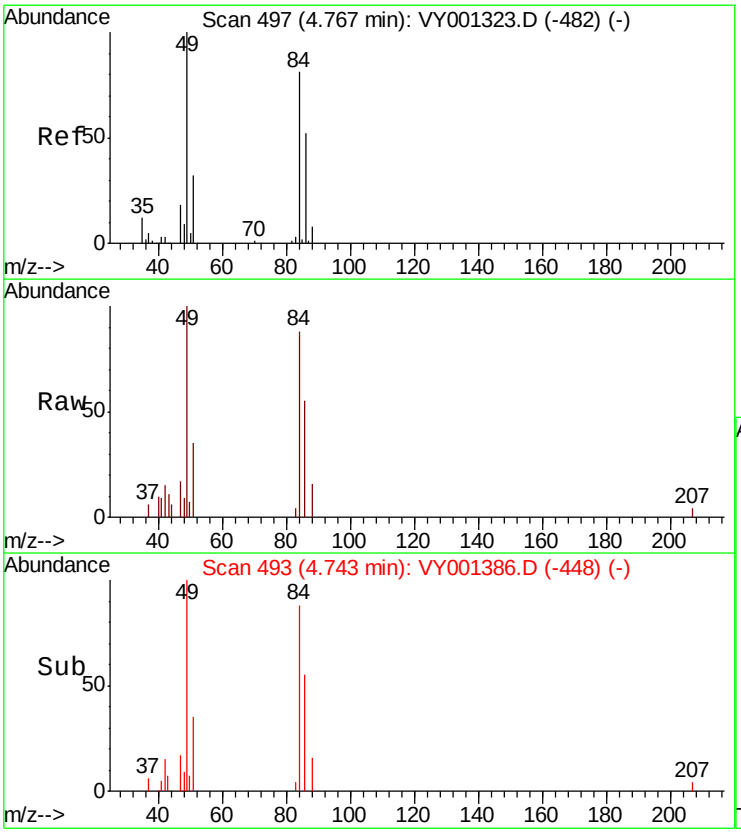
#17
Carbon Disulfide
Concen: 5.773 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 31204

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.6

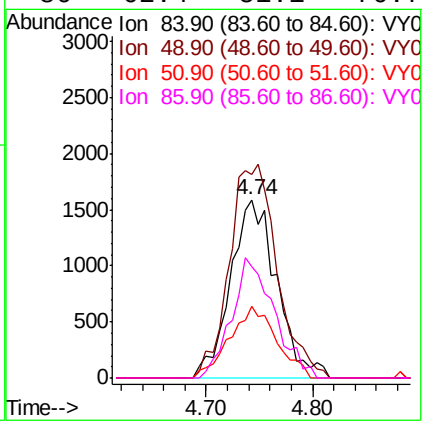


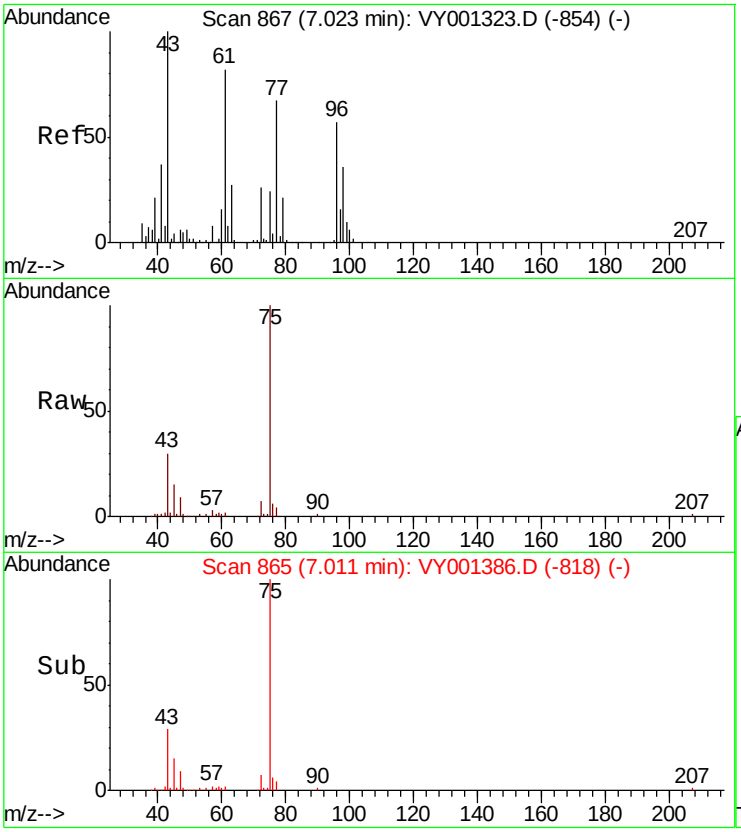


#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 84 Resp: 4822

Ion	Ratio	Lower	Upper
84	100		
49	114.0	98.3	147.5
51	40.1	31.6	47.4
86	62.4	51.1	76.7



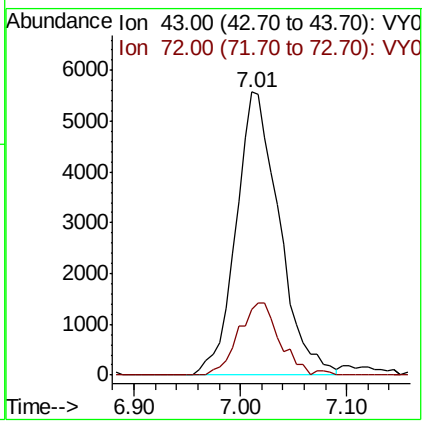


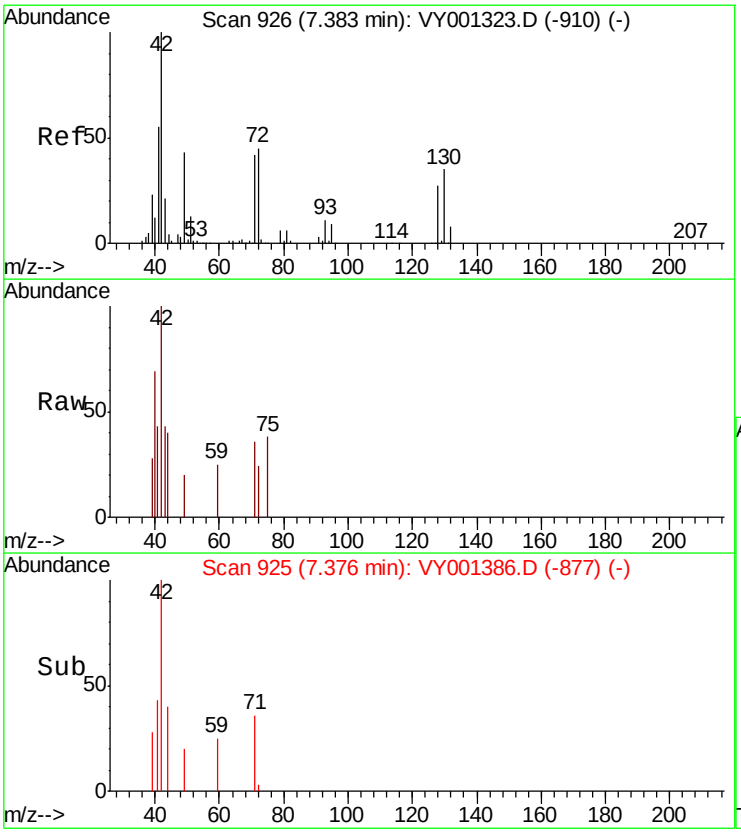
#25
2-Butanone
Concen: 20.703 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 15872

Ion	Ratio	Lower	Upper
43	100		
72	23.1	20.6	31.0

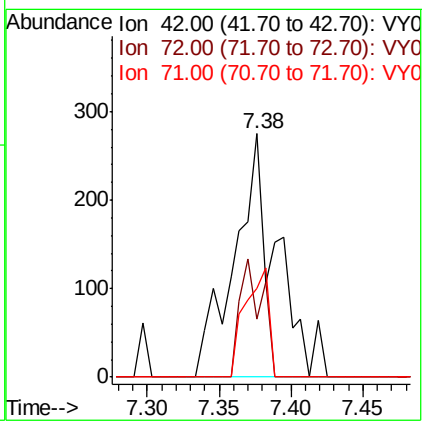


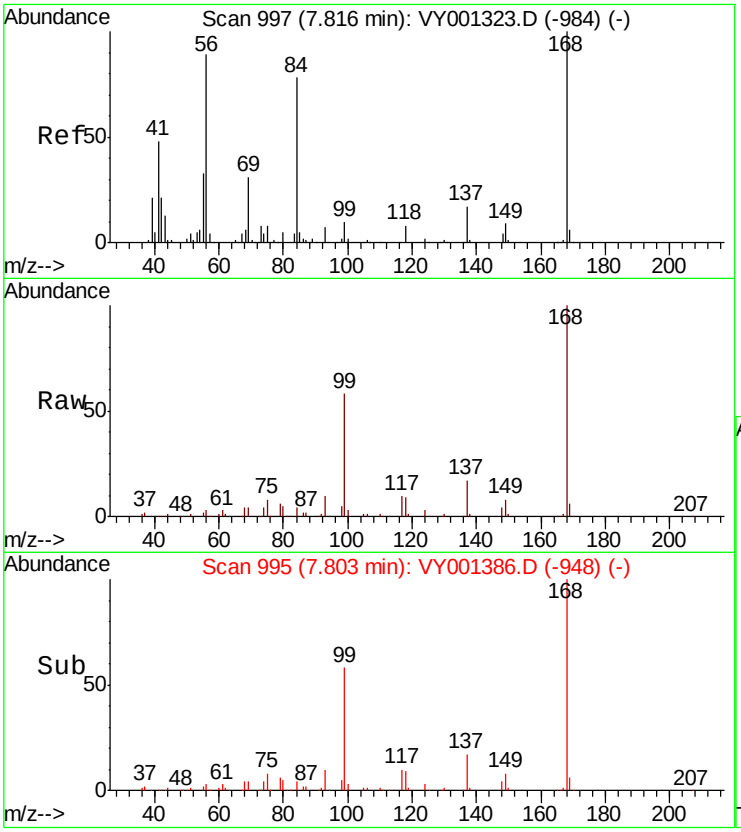


#29
Tetrahydrofuran
Concen: 1.133 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 42 Resp: 565

Ion	Ratio	Lower	Upper
42	100		
72	25.5	34.6	51.8#
71	24.6	32.6	48.8#



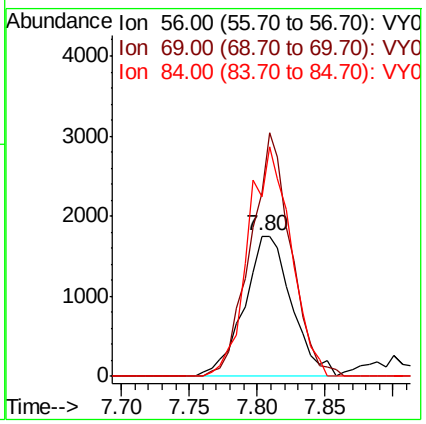


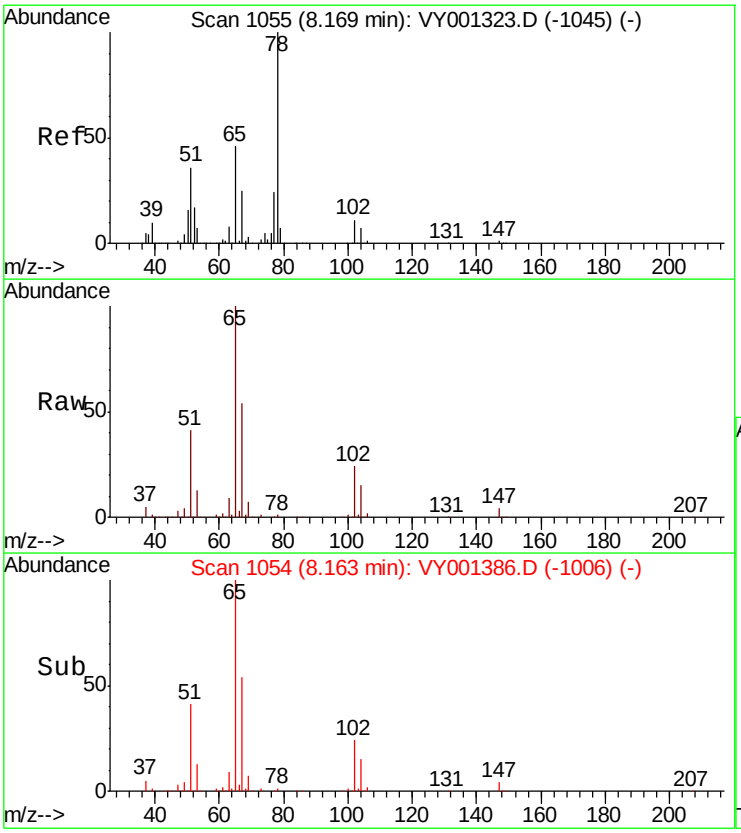
#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4279

Ion	Ratio	Lower	Upper
56	100		
69	130.7	27.6	41.4#
84	128.0	69.7	104.5#

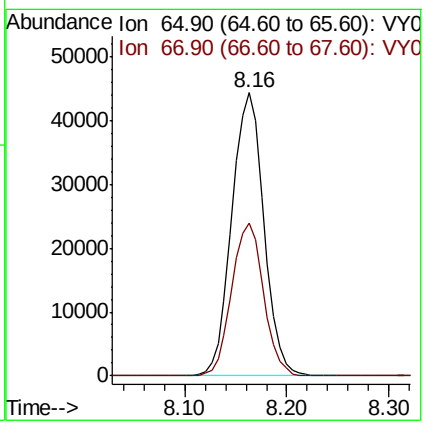


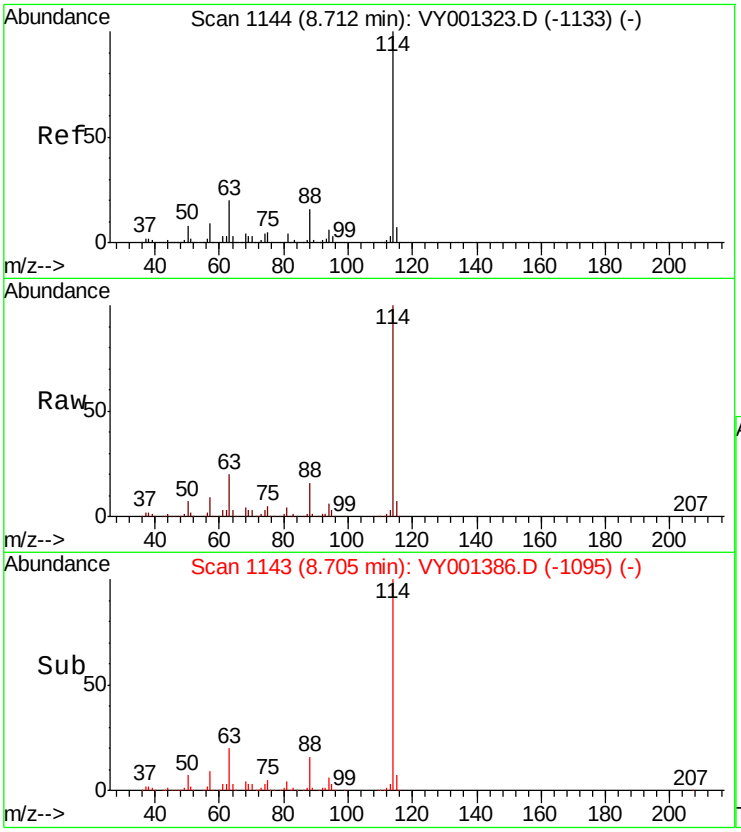


#33
1,2-Dichloroethane-d4
Concen: 54.754 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 65 Resp: 96441

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	108.6



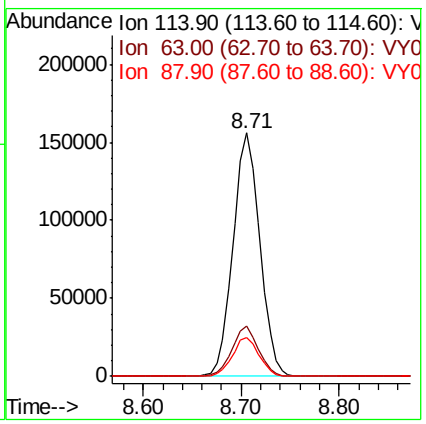


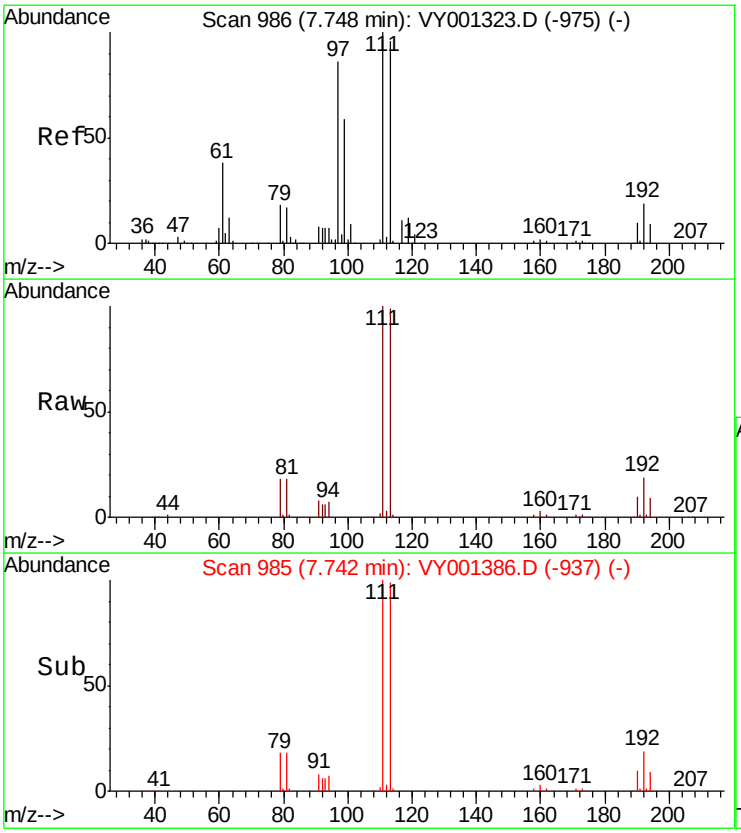
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 296486

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.1	0.0	31.0

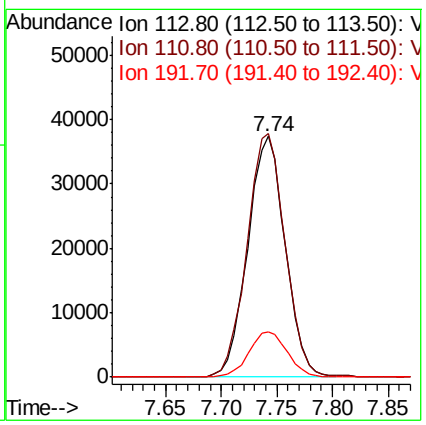


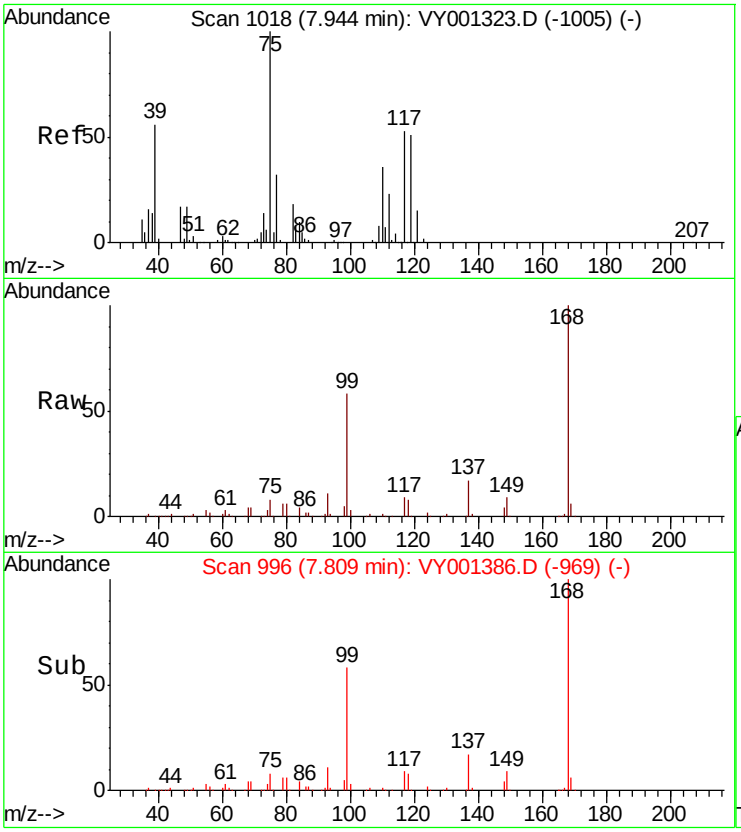


#35
Dibromofluoromethane
Concen: 50.391 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion:113 Resp: 87686

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	19.2	15.5	23.3



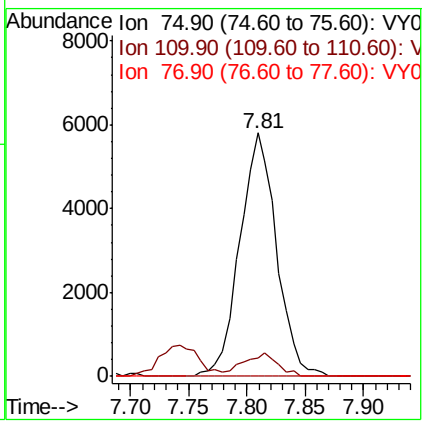


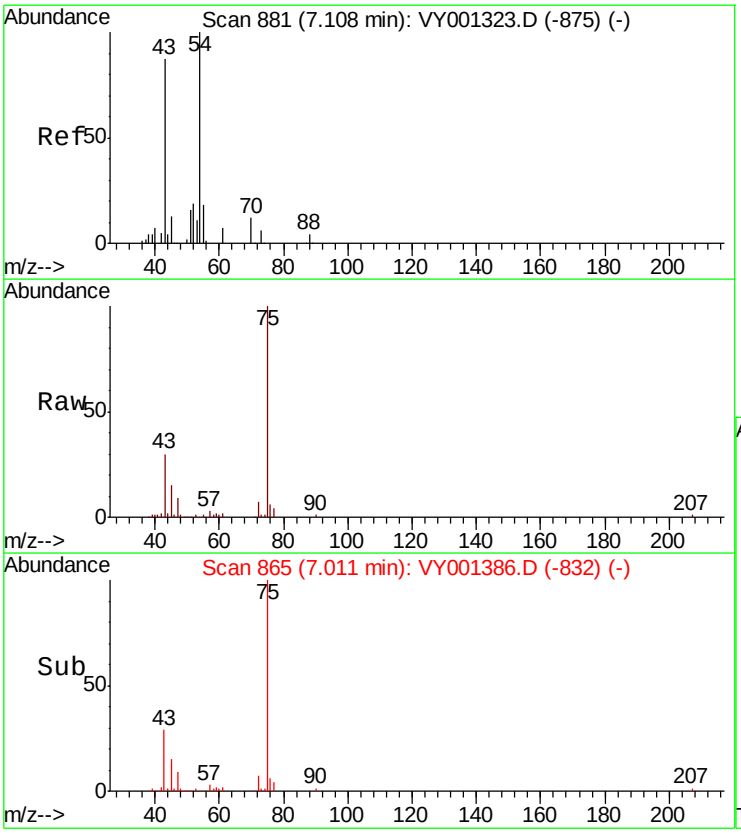
#36
1,1-Dichloropropene
Concen: 4.538 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.13 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 12710

Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.6	52.8#
77	0.0	24.7	37.1#

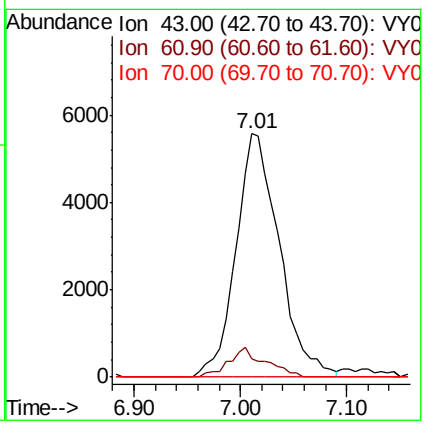


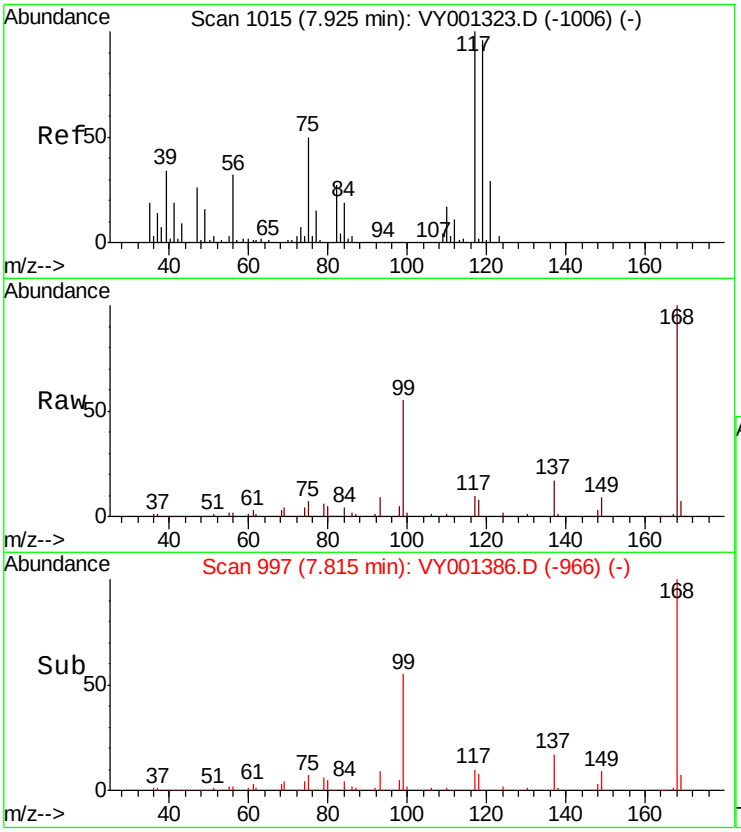


#37
Ethyl Acetate
Concen: 9.274 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.10 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 43 Resp: 15872

Ion	Ratio	Lower	Upper
43	100		
61	10.3	11.3	16.9#
70	0.0	8.7	13.1#



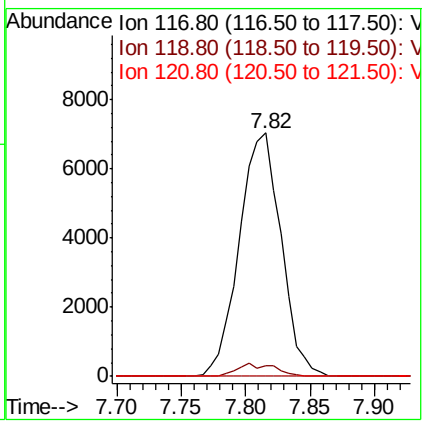


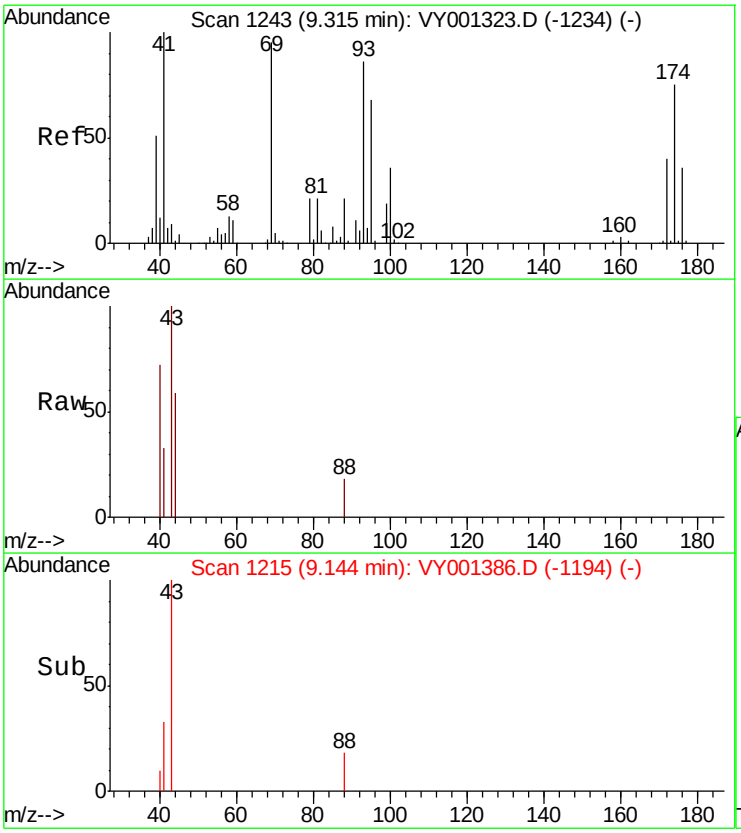
#38
Carbon Tetrachloride
Concen: 6.323 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 15785

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.3	114.5#
121	0.0	23.5	35.3#

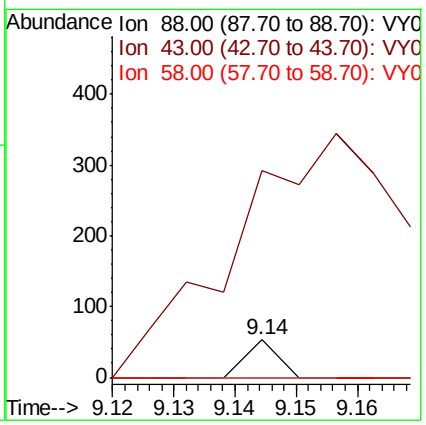


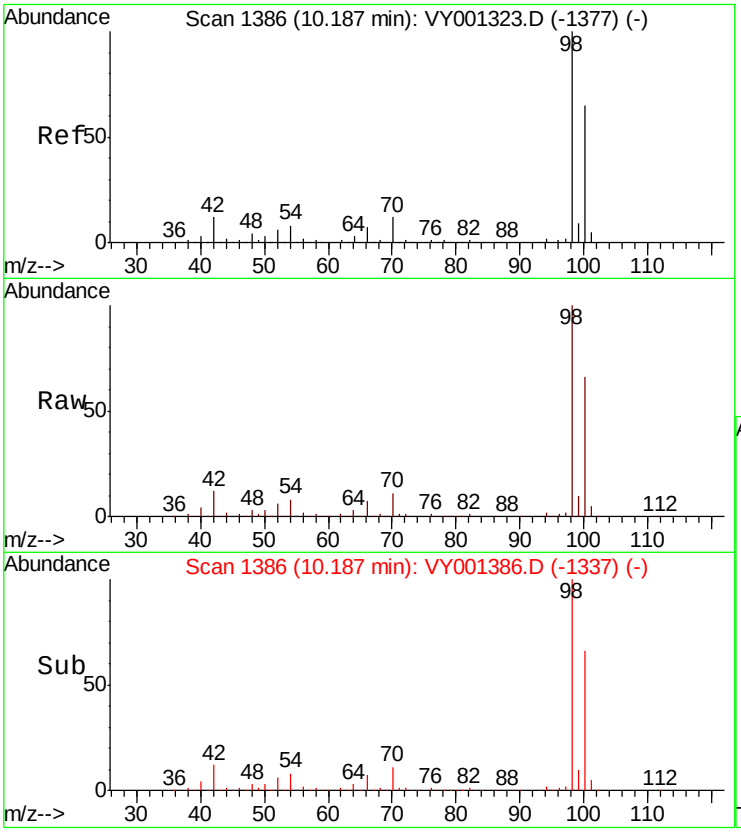


#49
1,4-Dioxane
Concen: 1.182 ug/l
RT: 9.14 min Scan# 1215
Delta R.T. -0.17 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	4826.3	28.2	42.2#
58	0.0	55.6	83.4#



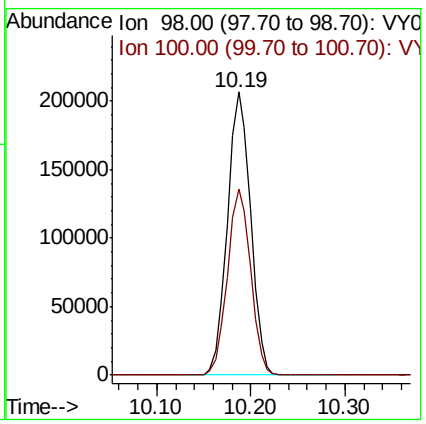


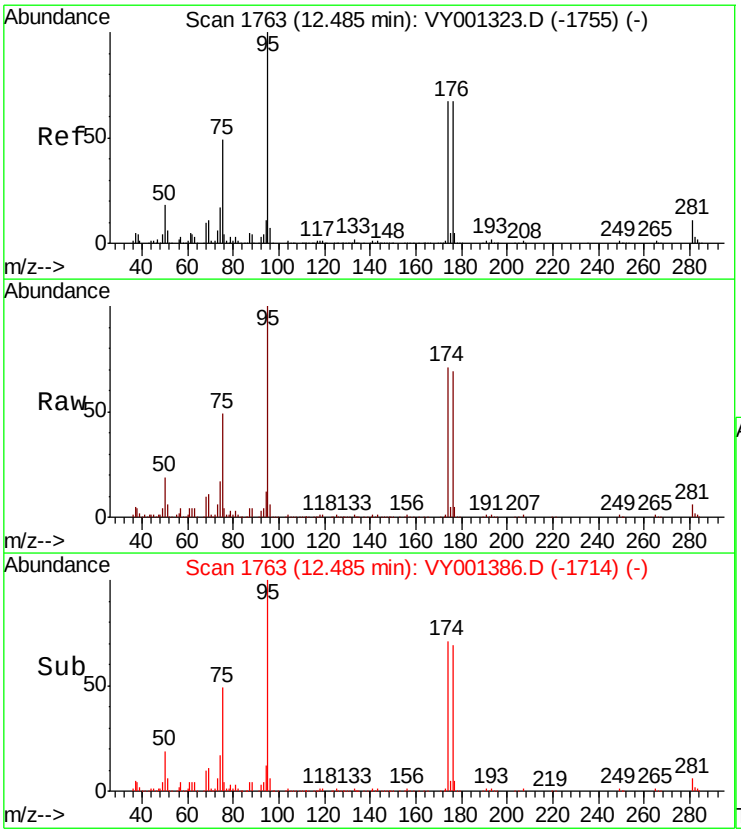
#50
Toluene-d8
Concen: 52.172 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 352721

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	79.0

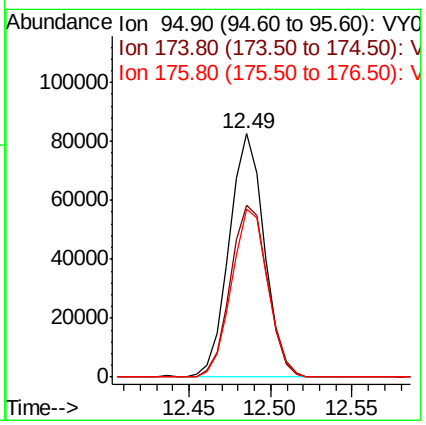


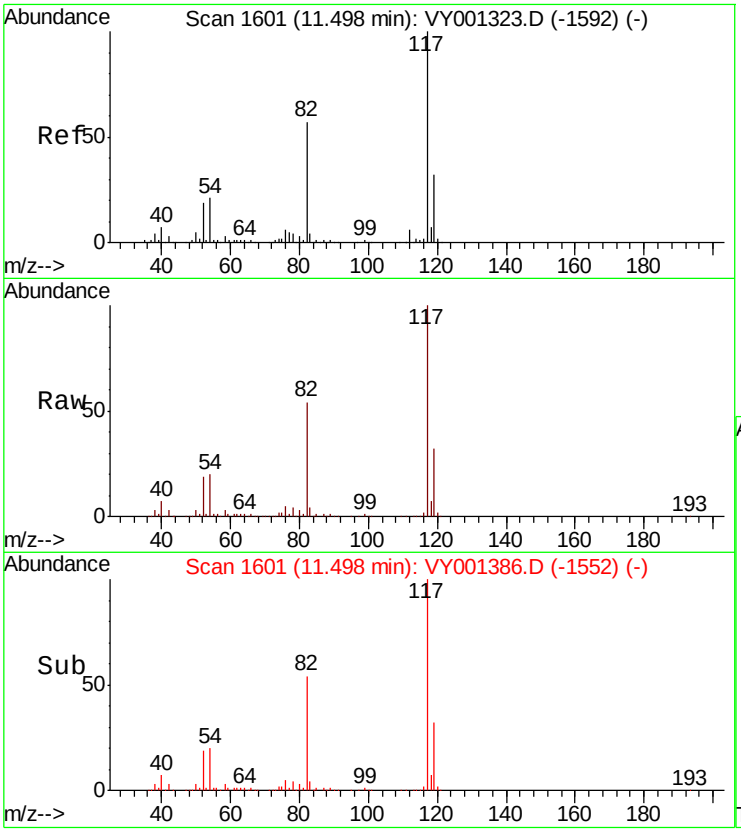


#62
4-Bromofluorobenzene
Concen: 45.937 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 95 Resp: 123678

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	142.0
176	71.5	0.0	138.6



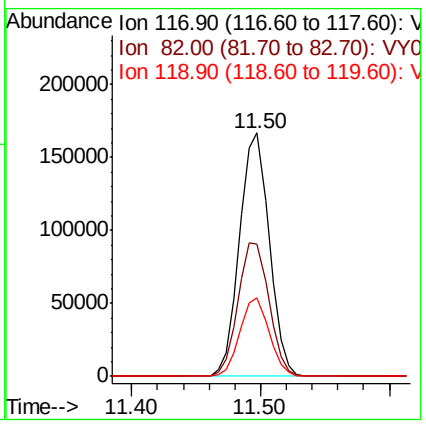


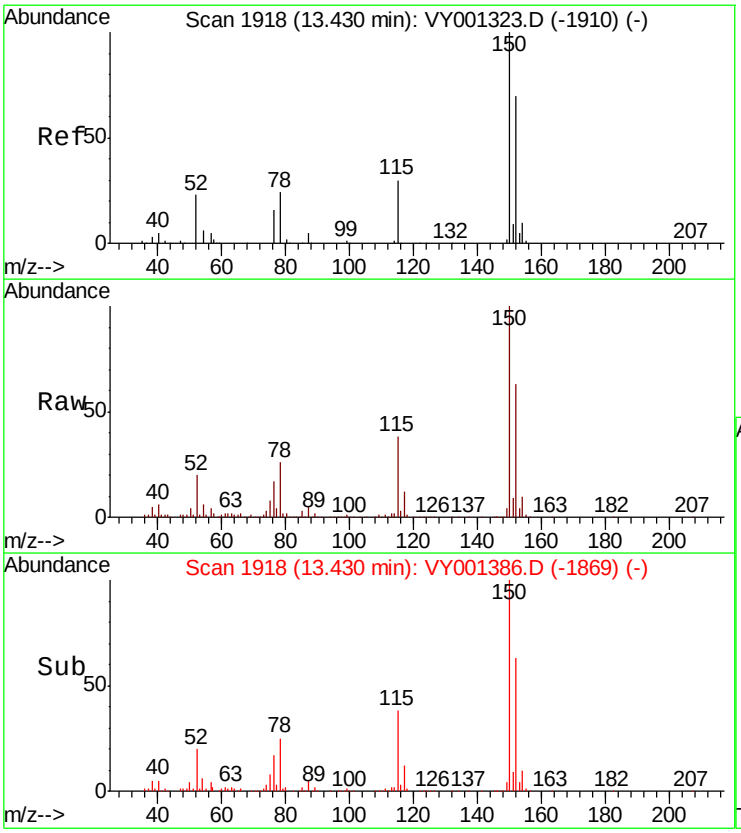
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 266203

Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.5	68.3
119	32.0	25.8	38.6

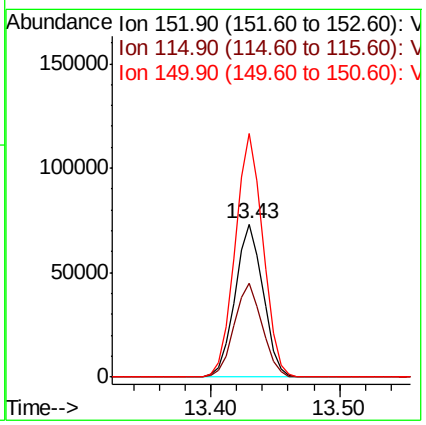


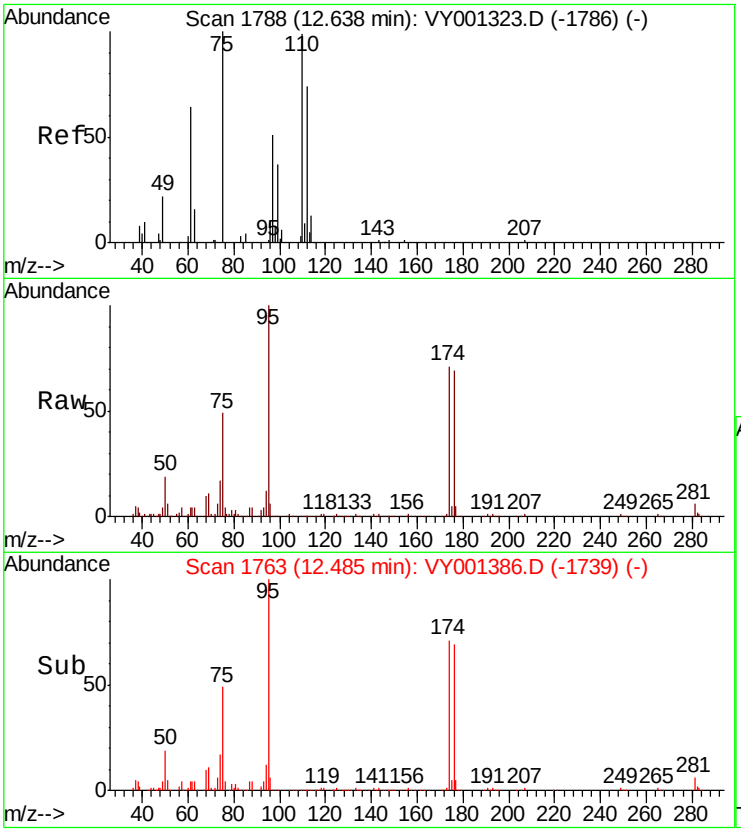


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion:152 Resp: 110324

Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.9	92.8
150	157.6	0.0	349.2



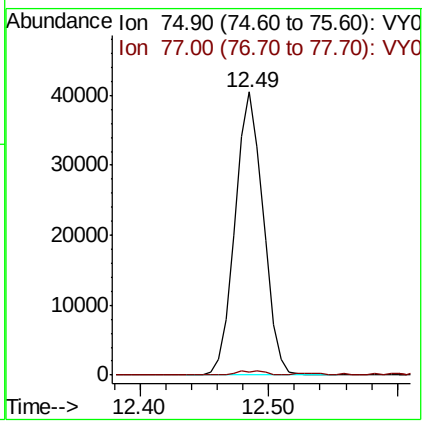


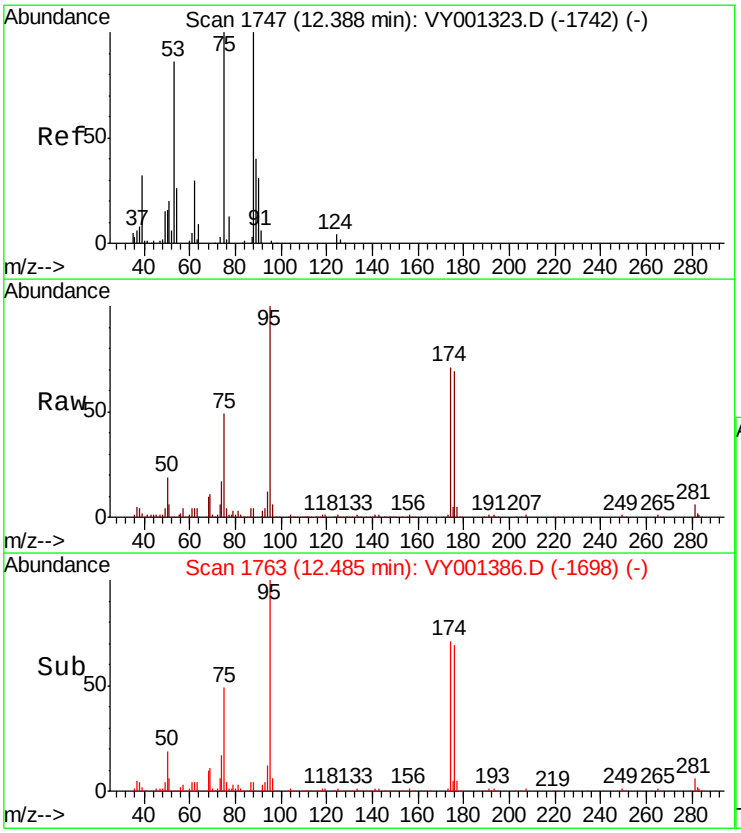
#76
1,2,3-Trichloropropane
Concen: 46.108 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 61297

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#

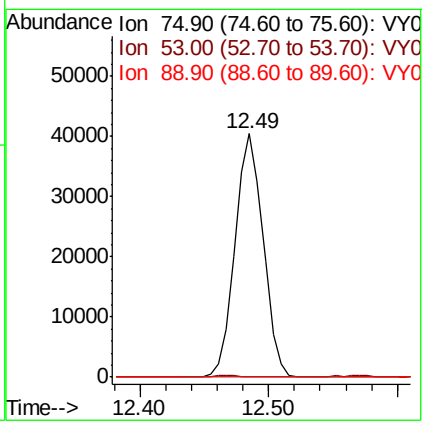


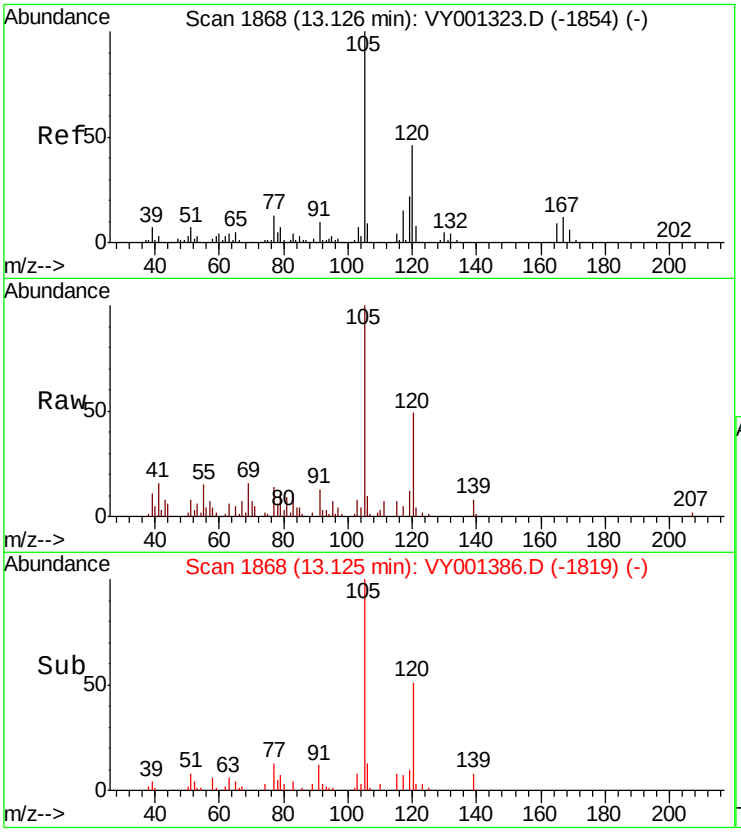


#81
trans-1,4-Dichloro-2-butene
Concen: 87.255 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 75 Resp: 61297

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.9	104.9#
89	0.0	36.6	54.8#



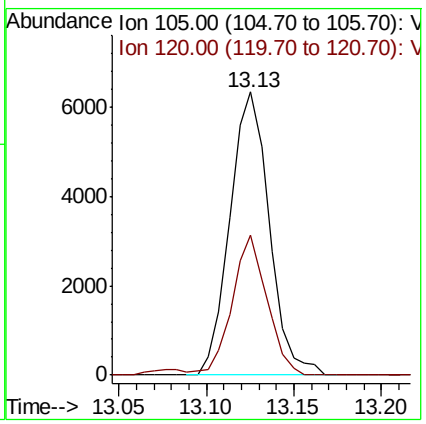


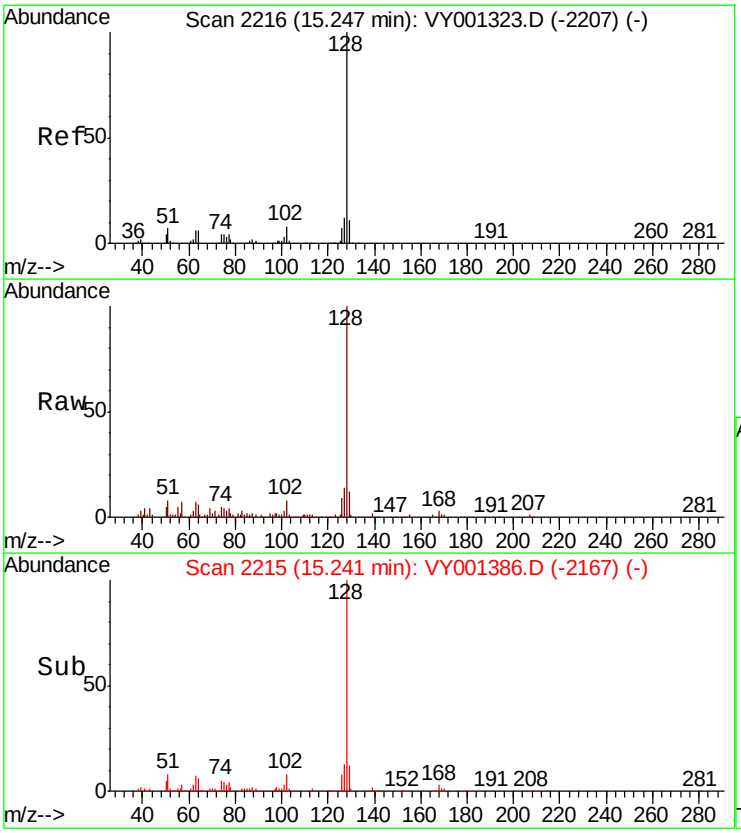
#84
1,2,4-Trimethylbenzene
Concen: 1.362 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 9933

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.4	67.3





#95
Naphthalene
Concen: 14.999 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001386.D
Acq: 24 Jan 2020 16:40

Tgt Ion:128 Resp: 78831

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.8	8.7	13.1