Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002551.D
Acq On : 04 May 2020 19:02
Operator : SY/MD
Sample : L2457-01
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 05 07:10:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.81	168	289652	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.71	114	452351	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	278741	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	52662	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	138808	56.99	ug/l		0.00
Spiked Amount 50.000			Recovery =	113.98%			
35) Dibromofluoromethane	7.74	113	144982	56.04	ug/l		0.00
Spiked Amount 50.000			Recovery =	112.08%			
50) Toluene-d8	10.19	98	466489	46.17	ug/l		0.00
Spiked Amount 50.000			Recovery =	92.34%			
62) 4-Bromofluorobenzene	12.48	95	79099	23.07	ug/l		0.00
Spiked Amount 50.000			Recovery =	46.14%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.91	85	159	1.849	ug/l	#	43
11) Tert butyl alcohol	4.98	59	137374	548.255	ug/l		98
16) Acetone	3.97	43	77536	154.263	ug/l		100
20) Methylene Chloride	4.74	84	23196	8.253	ug/l		96
25) 2-Butanone	7.01	43	29683	36.077	ug/l		99
29) Tetrahydrofuran	7.28	42	218474	401.346	ug/l	#	31
31) Cyclohexane	7.80	56	4900	1.119	ug/l	#	1
36) 1,1-Dichloropropene	7.80	75	18967	5.002	ug/l	#	49
37) Ethyl Acetate	7.28	43	1961019	1006.334	ug/l	#	67
38) Carbon Tetrachloride	7.80	117	25903	6.257	ug/l	#	15
41) Methacrylonitrile	7.28	41	978402	933.822	ug/l	#	37
43) Isopropyl Acetate	8.46	43	14973	4.099	ug/l	#	50
51) 4-Methyl-2-Pentanone	10.08	43	9228	4.901	ug/l		96
52) Toluene	10.25	92	8351	1.186	ug/l		98
59) 2-Hexanone	10.84	43	6623	5.110	ug/l		84
67) Ethyl Benzene	11.60	91	13205	1.419	ug/l		99
76) 1,2,3-Trichloropropane	12.48	75	37715	80.589	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	37715	161.597	ug/l	#	16
84) 1,2,4-Trimethylbenzene	13.13	105	8788	3.117	ug/l		99
90) Hexachloroethane	13.98	117	792	1.348	ug/l	#	5
92) 1,2-Dibromo-3-Chloropropan	14.35	75	132	1.305	ug/l	#	1
95) Naphthalene	15.24	128	5029	2.637	ug/l	#	80
96) 1,2,3-Trichlorobenzene	15.45	180	3305	3.724	ug/l	#	12

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

Quantitation Report (Not Reviewed)

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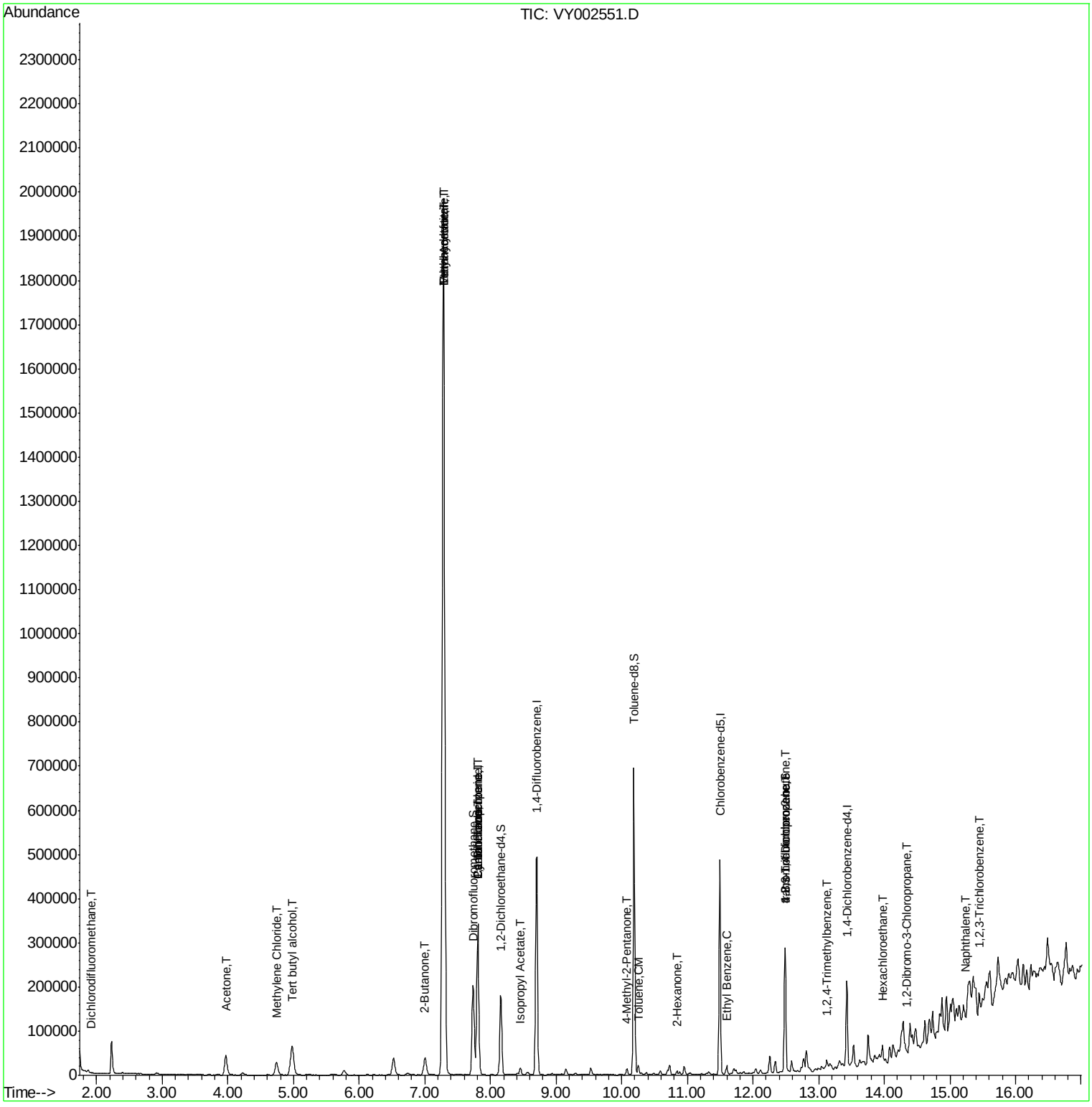
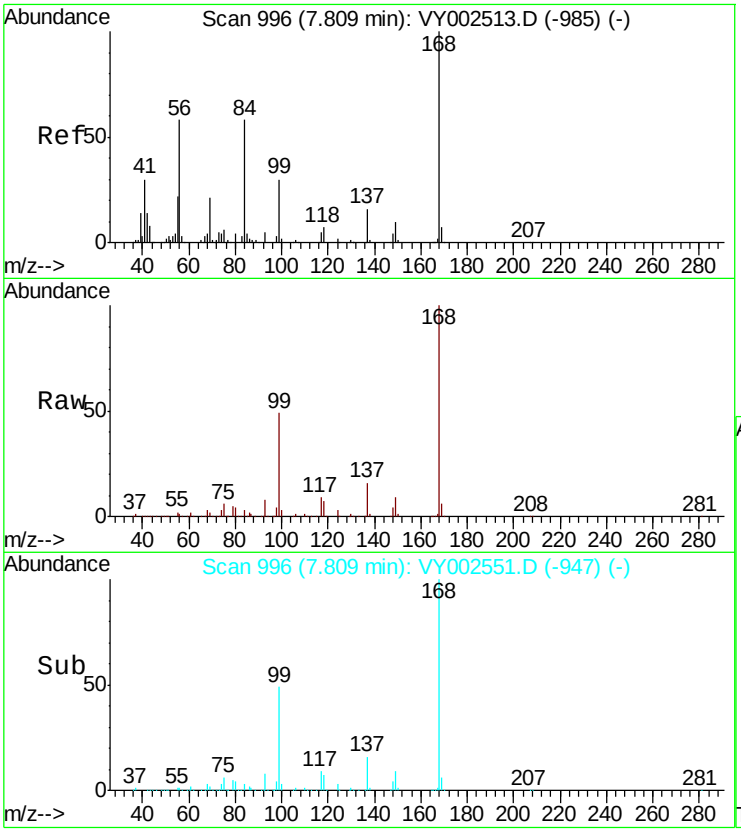
Sample : L2457-01
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 05 07:10:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration



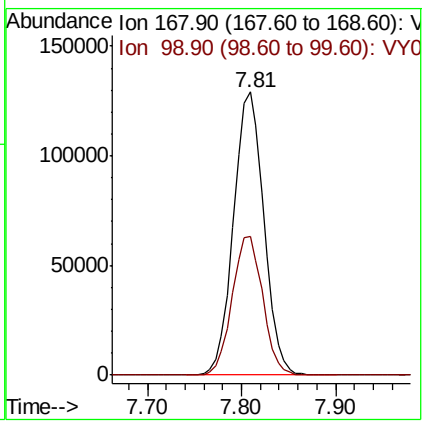


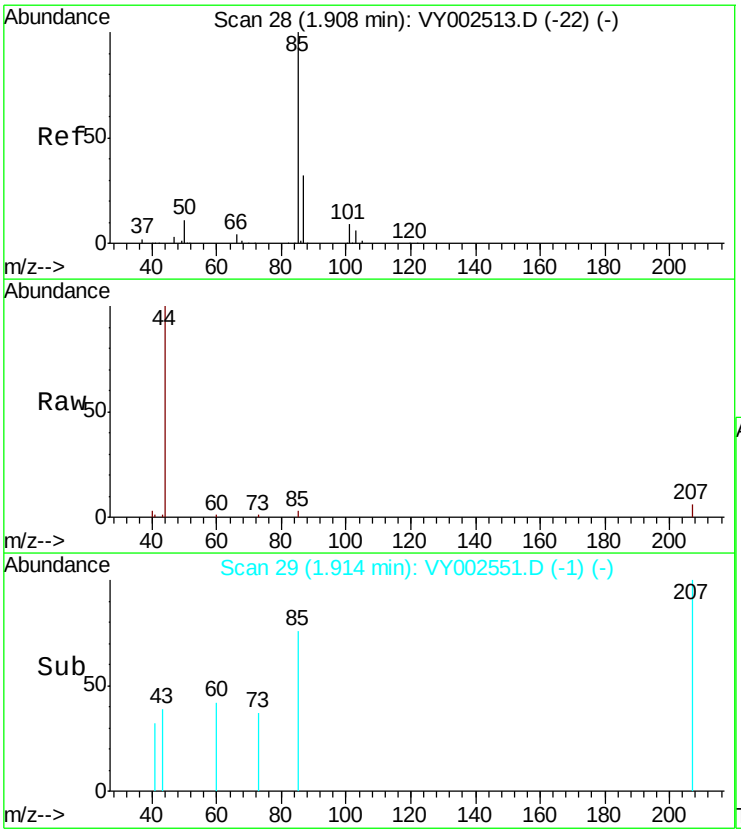
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.00 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 289652

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.2	58.8

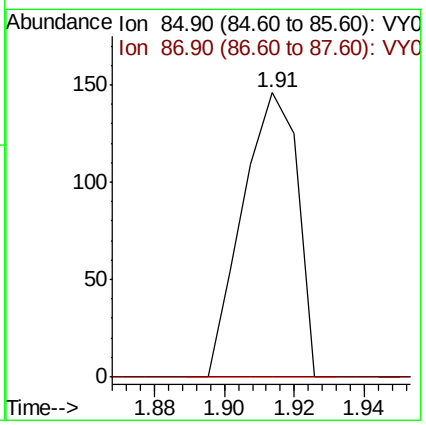


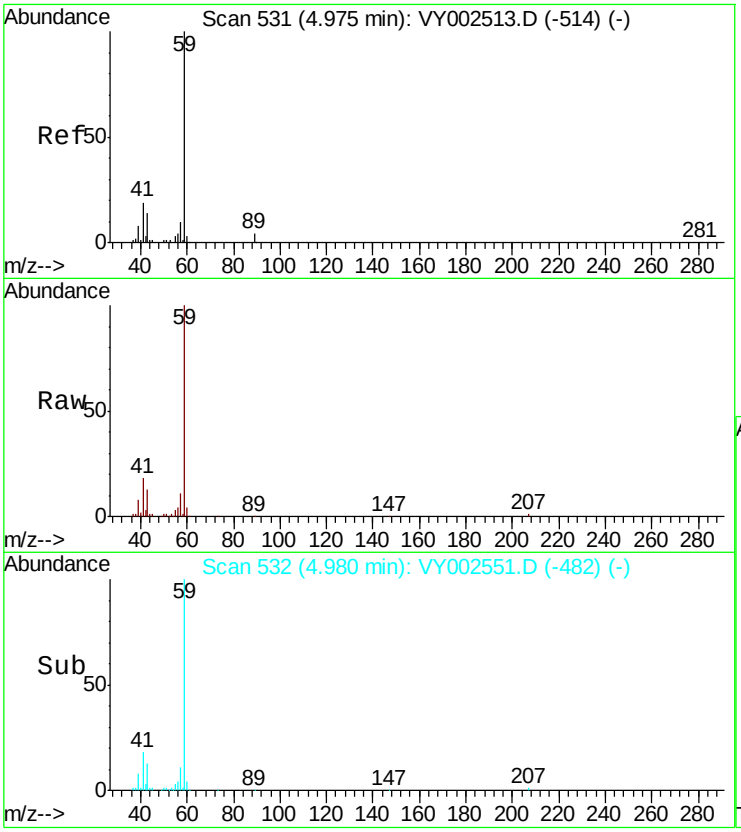


#2
Dichlorodifluoromethane
Concen: 1.849 ug/l
RT: 1.91 min Scan# 29
Delta R.T. 0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion: 85 Resp: 159

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.8	47.4#



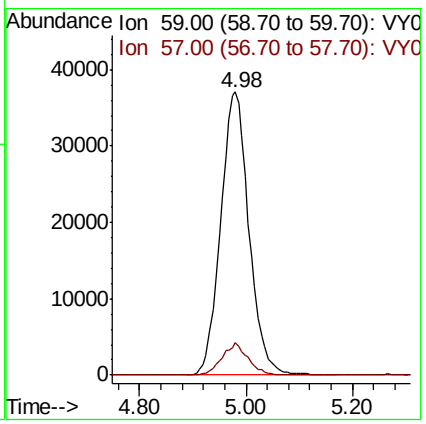


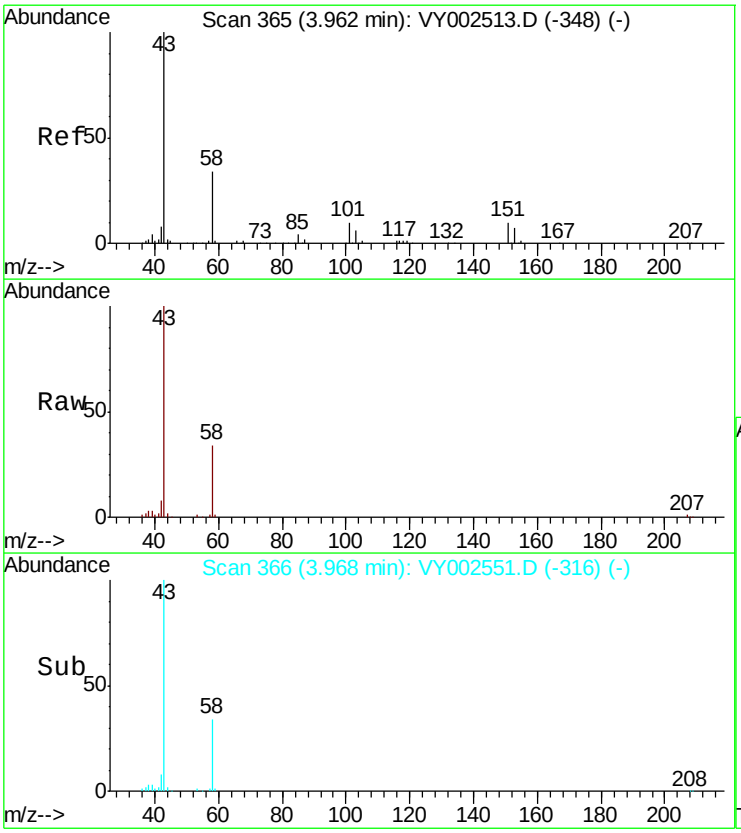
#11
Tert butyl alcohol
Concen: 548.255 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 137374

Ion	Ratio	Lower	Upper
59	100		
57	10.5	7.8	11.6

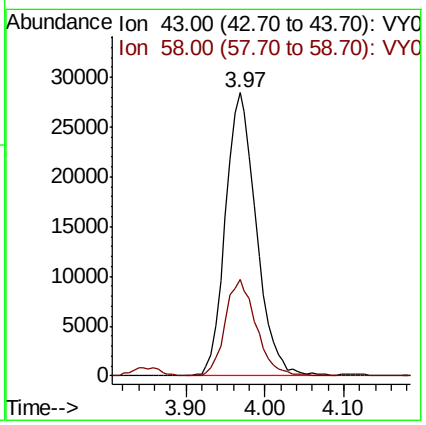


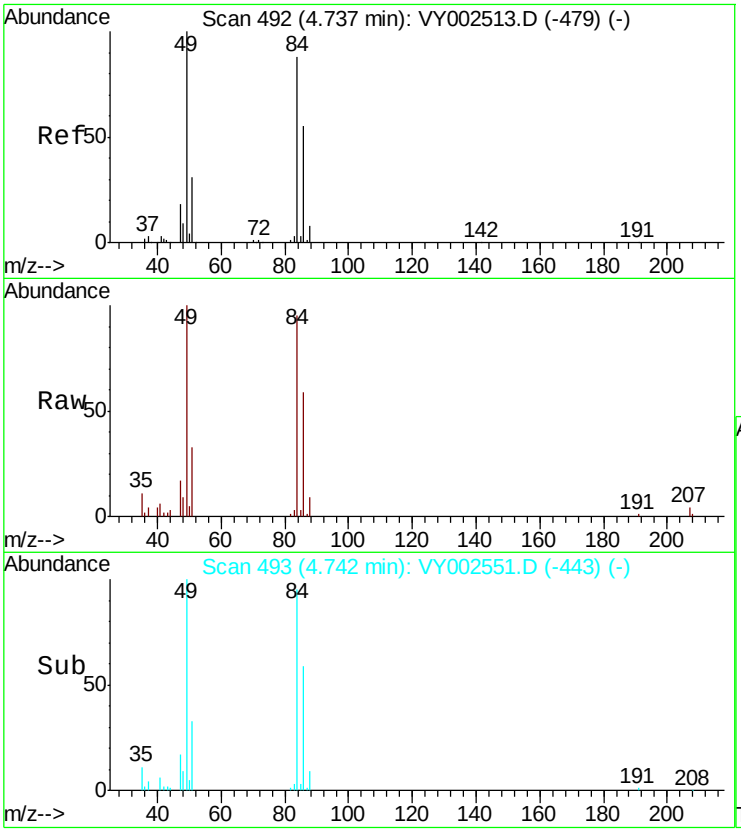


#16
Acetone
Concen: 154.263 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion: 43 Resp: 77536

Ion	Ratio	Lower	Upper
43	100		
58	33.9	26.9	40.3



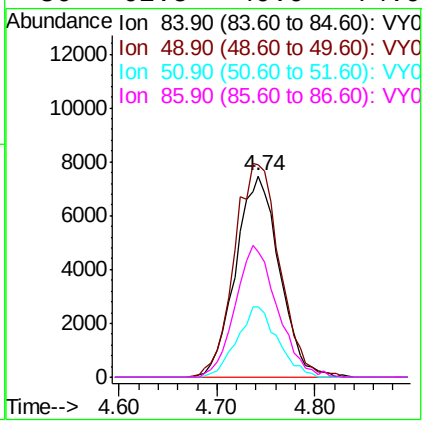


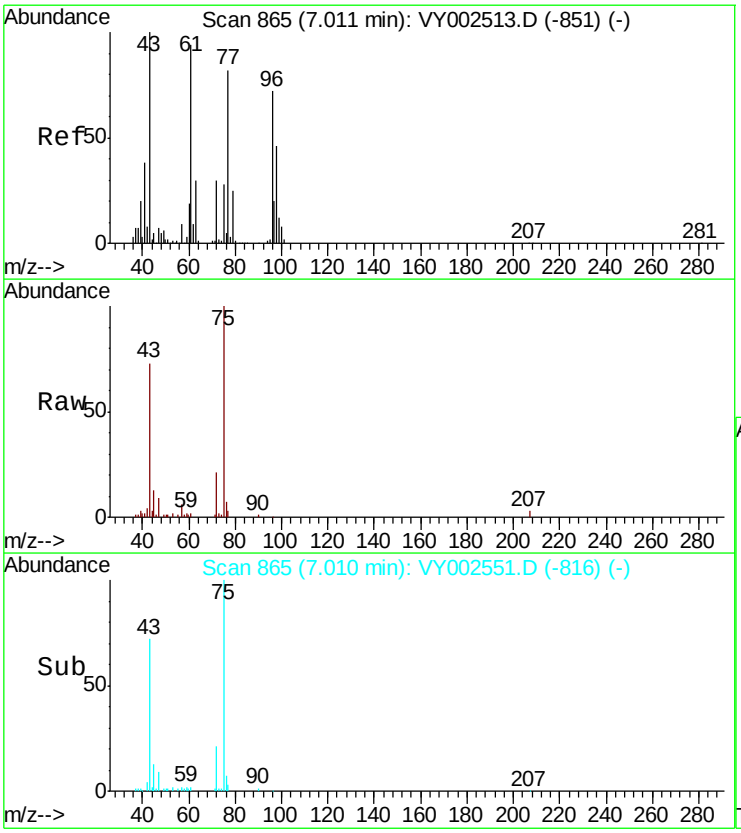
#20
Methylene Chloride
Concen: 8.253 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 23196

Ion	Ratio	Lower	Upper
84	100		
49	105.5	90.5	135.7
51	34.7	28.3	42.5
86	62.5	49.9	74.9

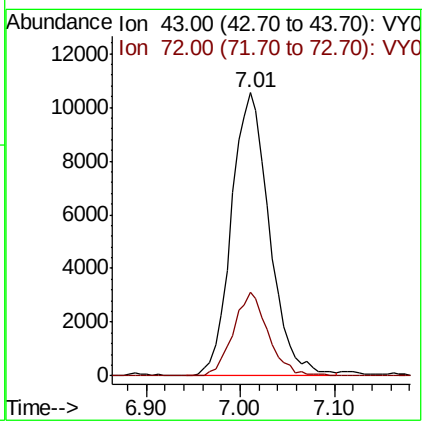


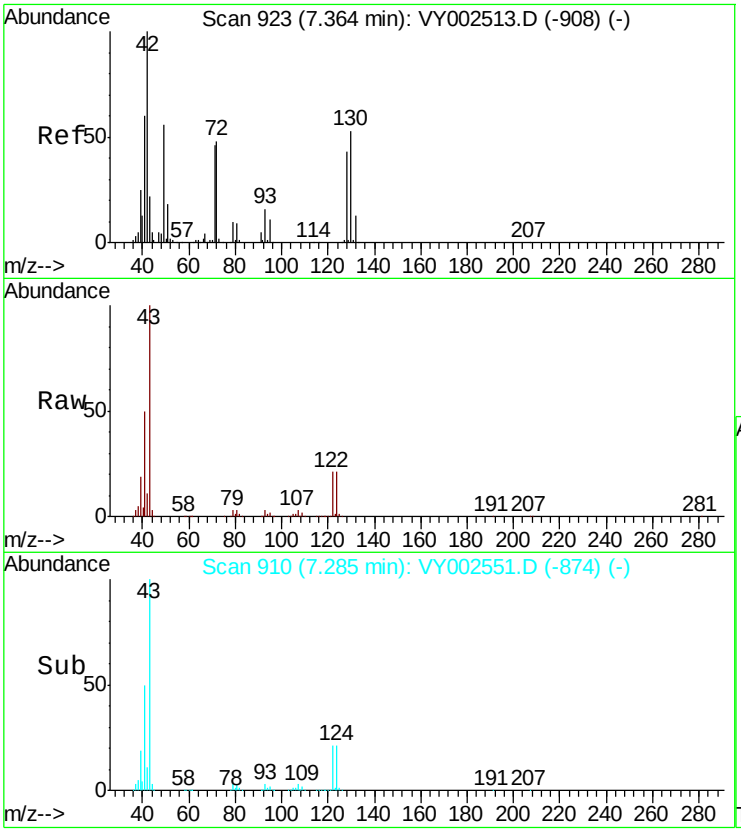


#25
2-Butanone
Concen: 36.077 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion: 43 Resp: 29683

Ion	Ratio	Lower	Upper
43	100		
72	29.4	24.1	36.1



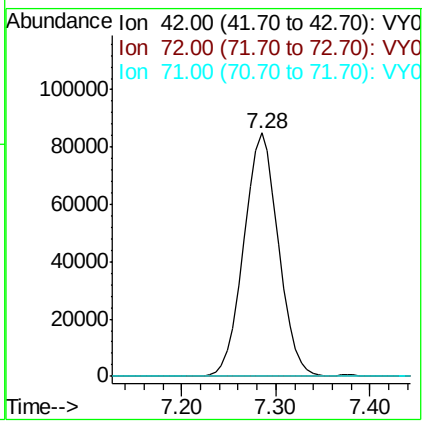


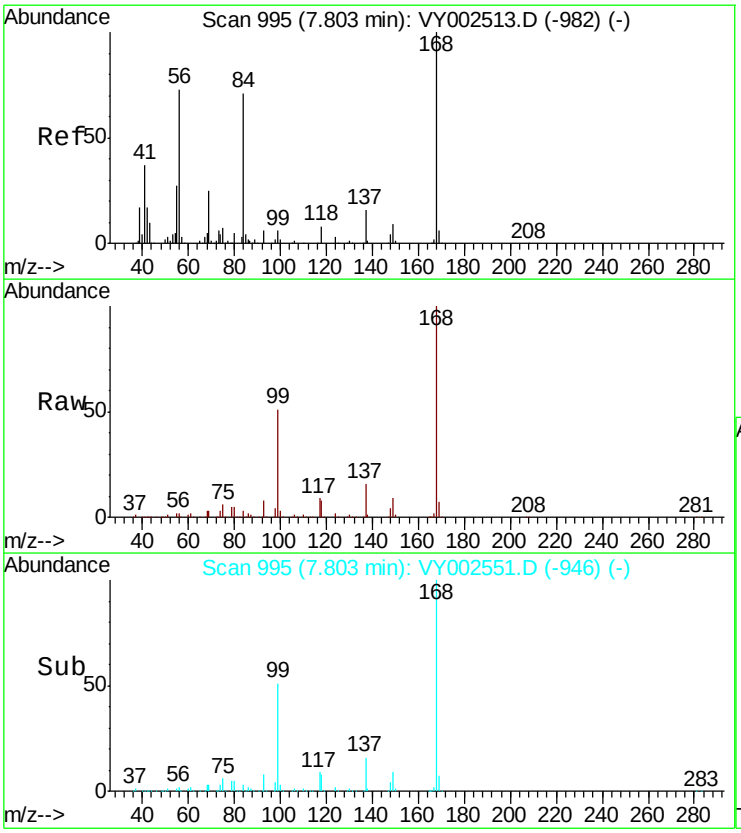
#29
Tetrahydrofuran
Concen: 401.346 ug/l
RT: 7.28 min Scan# 910
Delta R.T. -0.08 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 218474

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.4	56.2#
71	0.0	35.0	52.4#

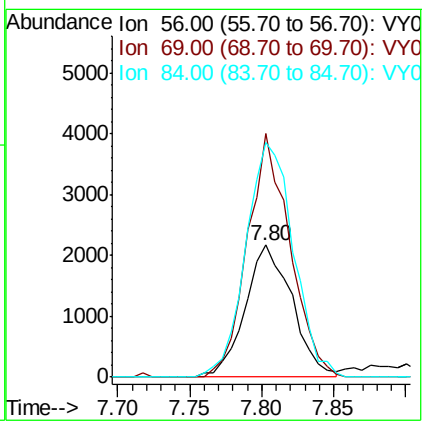


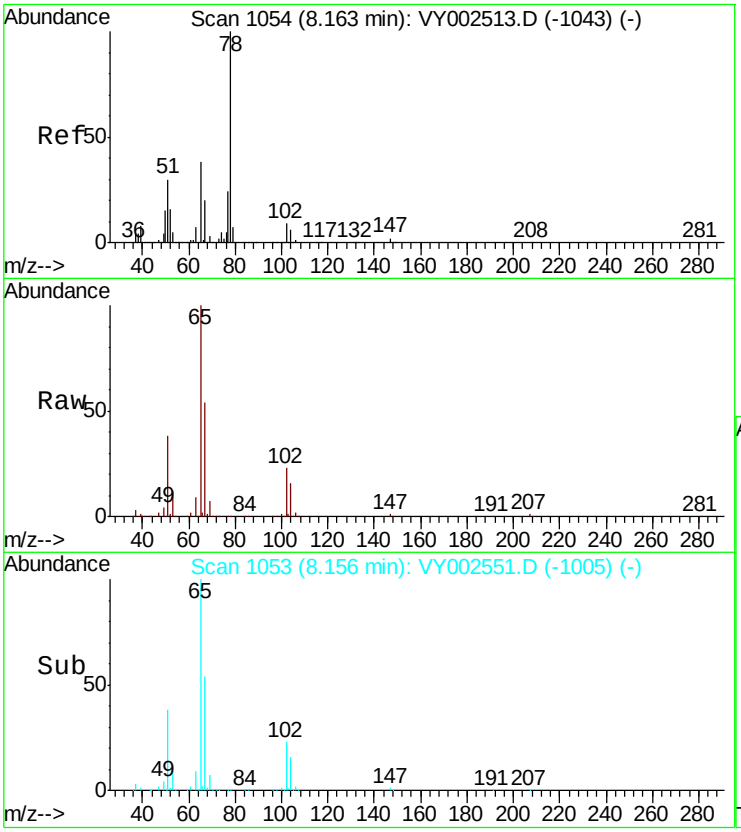


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion: 56 Resp: 4900

Ion	Ratio	Lower	Upper
56	100		
69	184.4	27.6	41.4#
84	177.9	77.7	116.5#



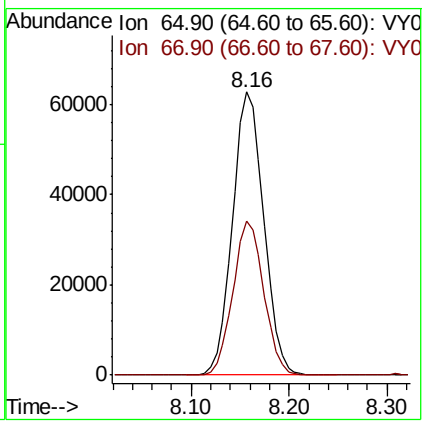


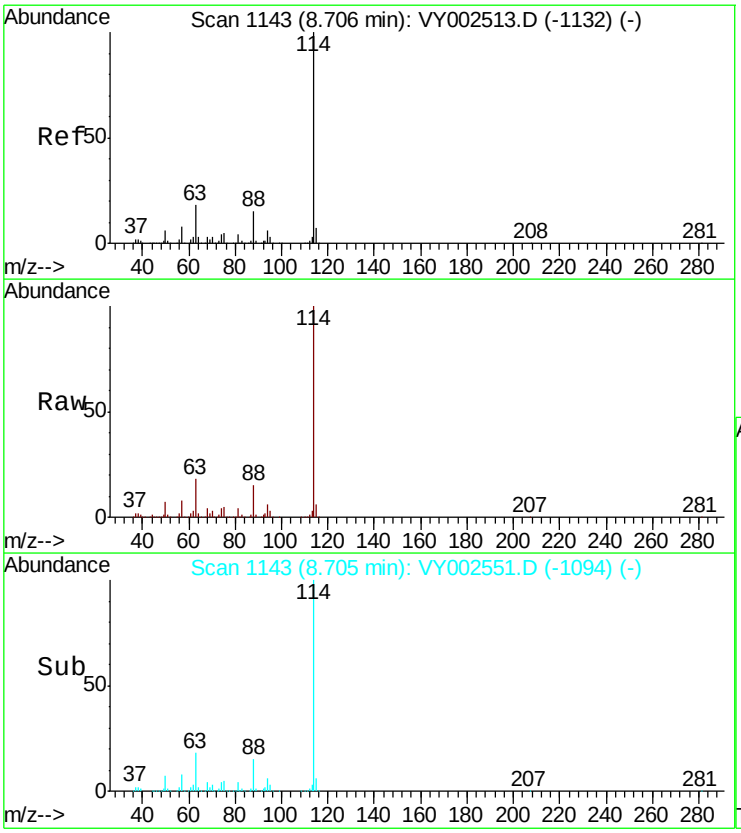
#33
1,2-Dichloroethane-d4
Concen: 56.995 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 138808

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.2

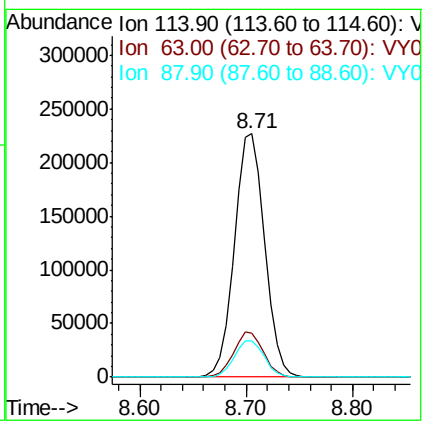


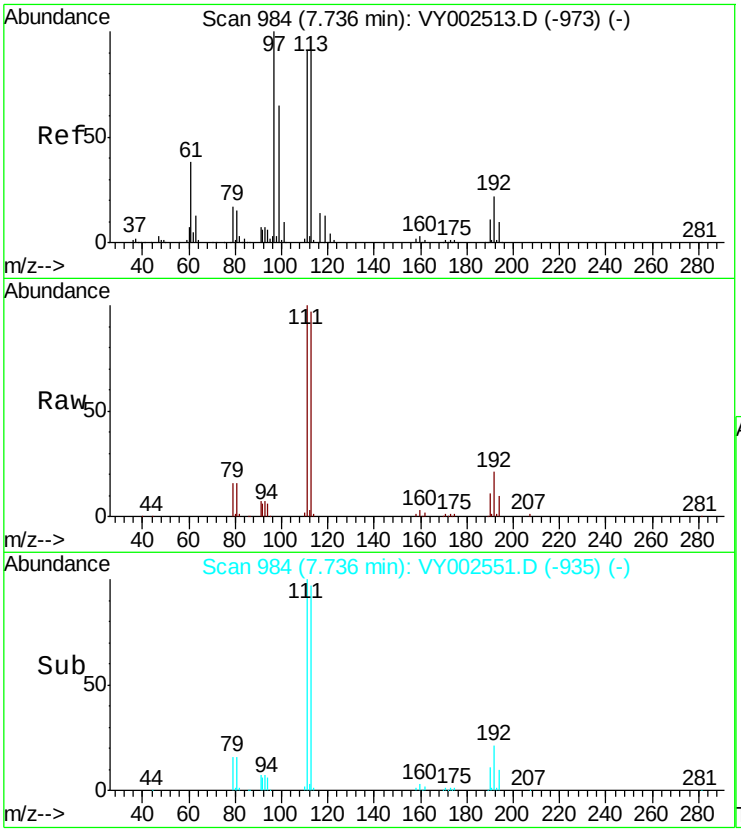


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion:114 Resp: 452351

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.4
88	15.0	0.0	29.6



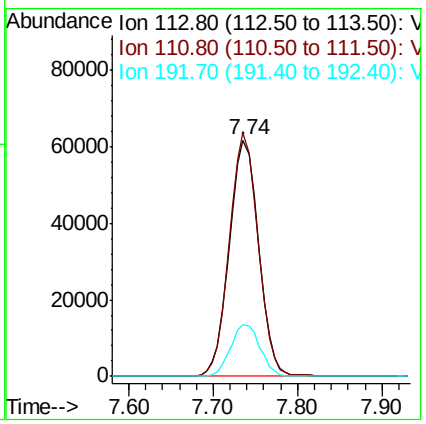


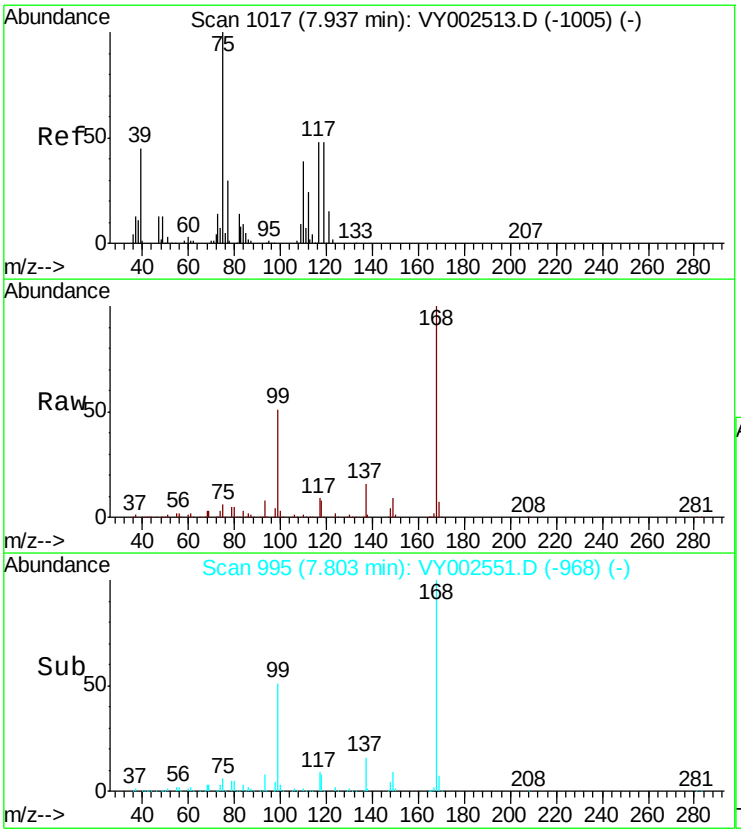
#35
Dibromofluoromethane
Concen: 56.042 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 144982

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.8	122.6
192	22.0	18.2	27.4

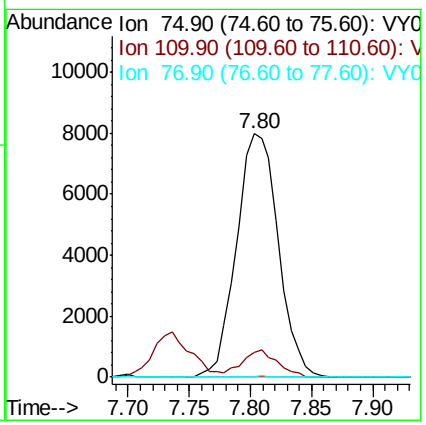


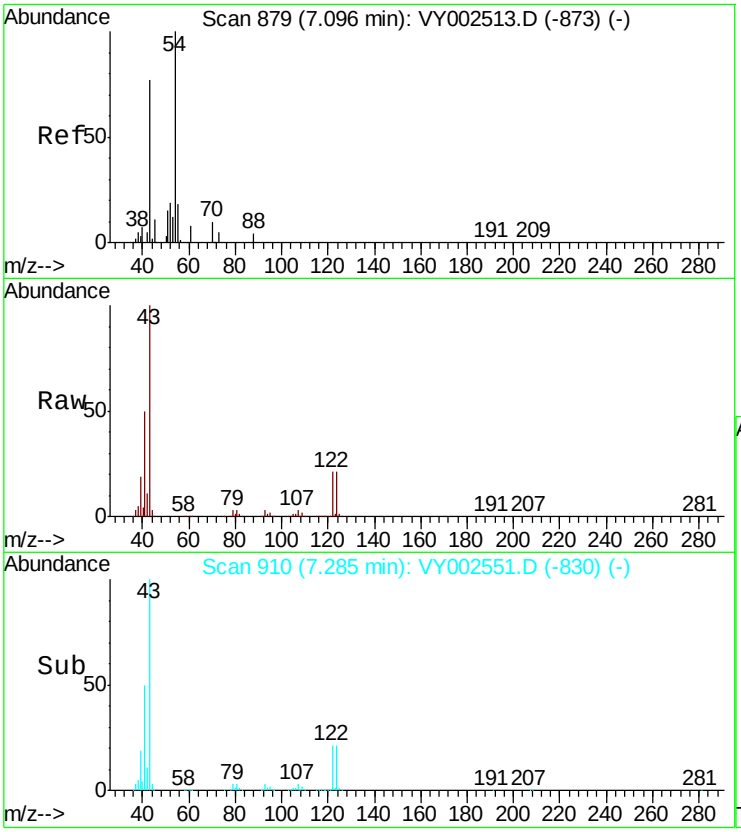


#36
1,1-Dichloropropene
Concen: 5.002 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion: 75 Resp: 18967

Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.1	57.3#
77	0.1	24.6	37.0#



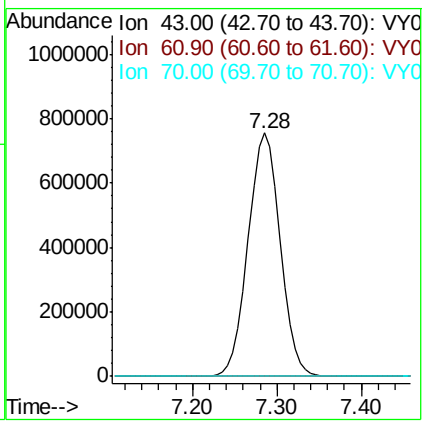


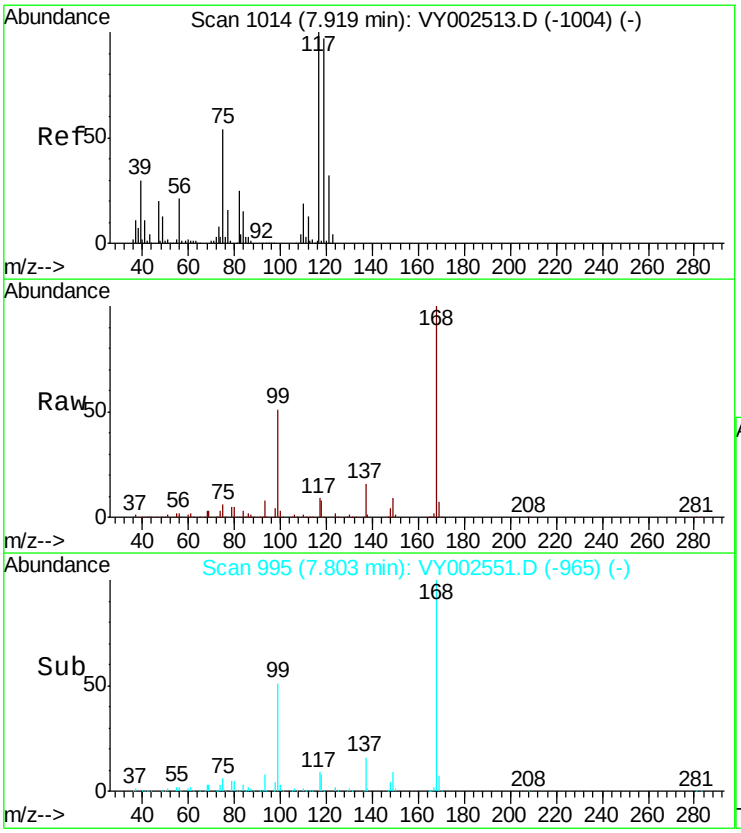
#37
Ethyl Acetate
Concen: 1006.334 ug/l
RT: 7.28 min Scan# 910
Delta R.T. 0.19 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1961019

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	9.0	13.6#

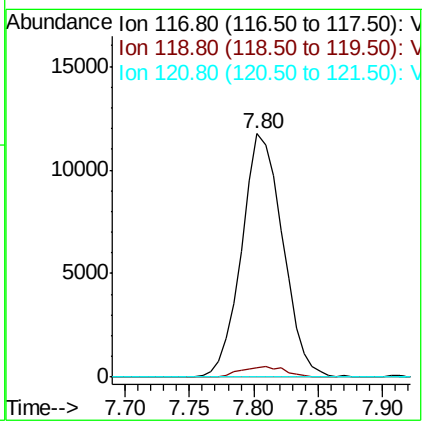


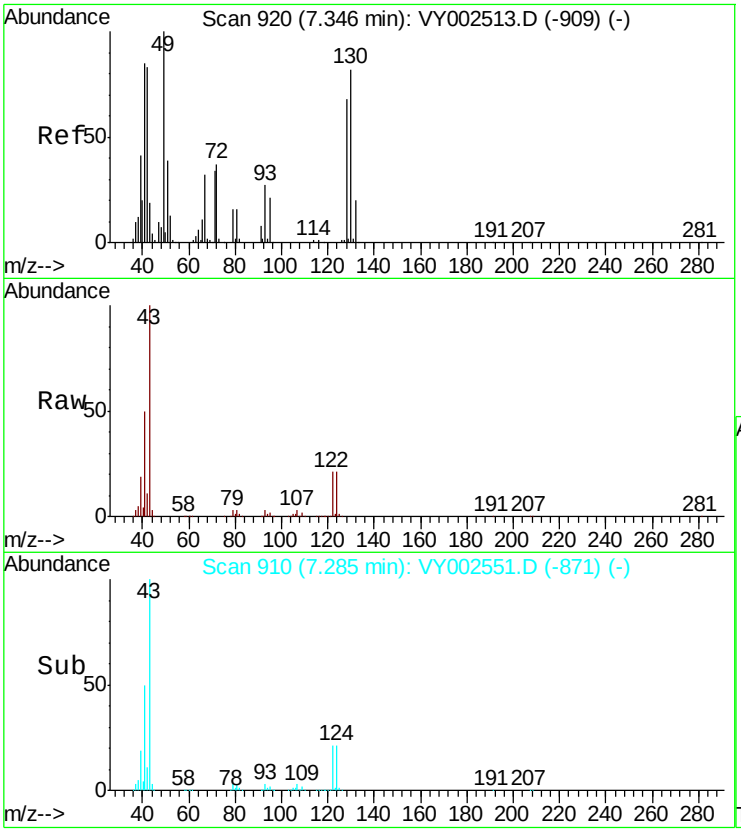


#38
Carbon Tetrachloride
Concen: 6.257 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion:117 Resp: 25903

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.1	115.7#
121	0.0	25.2	37.8#



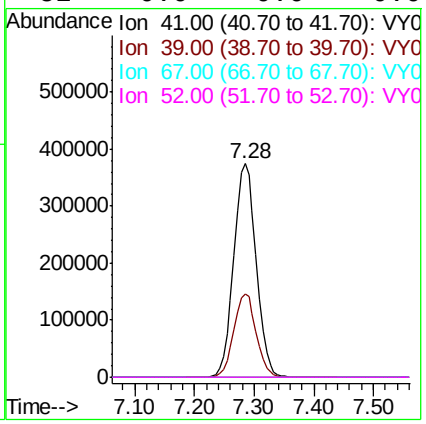


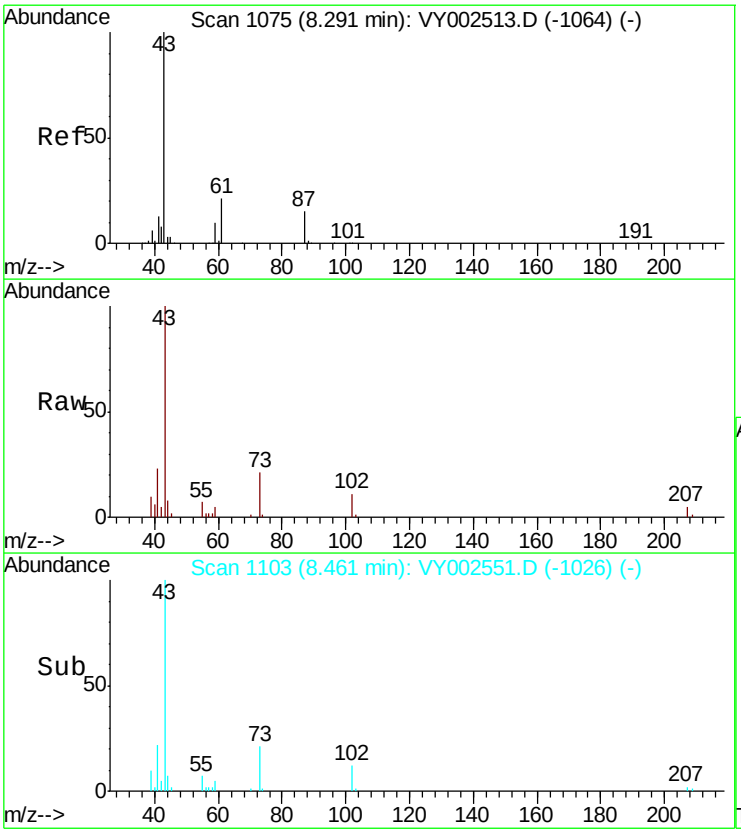
#41
Methacrylonitrile
Concen: 933.822 ug/l
RT: 7.28 min Scan# 910
Delta R.T. -0.06 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 978402

Ion	Ratio	Lower	Upper
41	100		
39	39.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

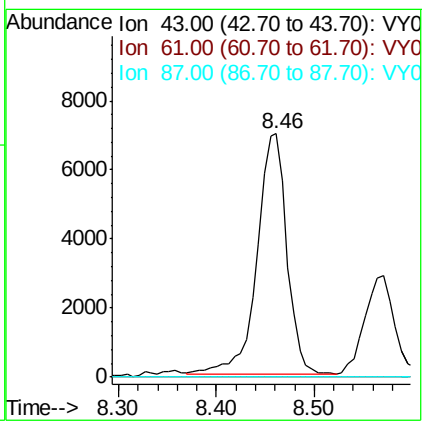


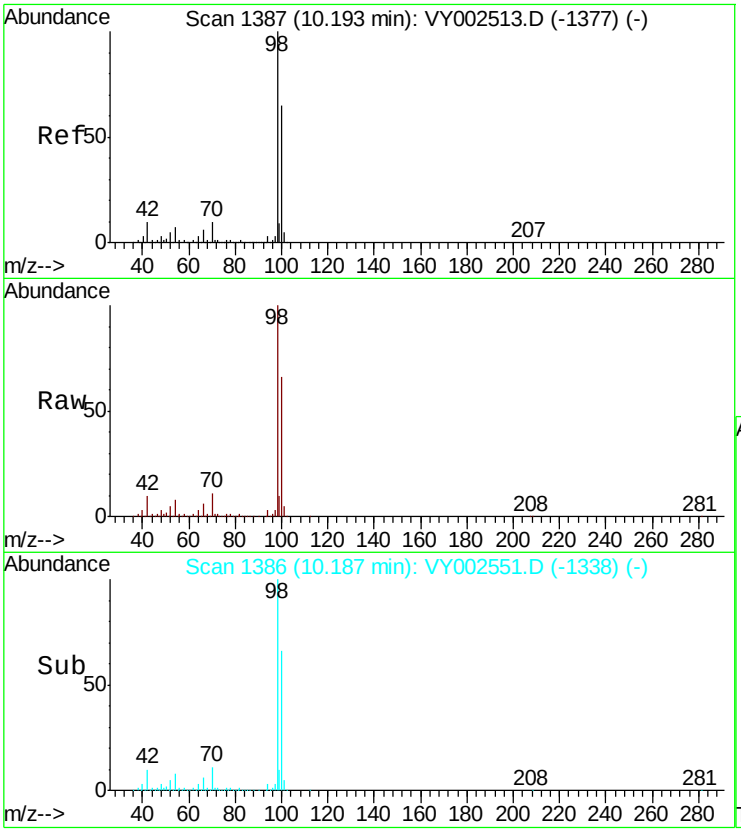


#43
Isopropyl Acetate
Concen: 4.099 ug/l
RT: 8.46 min Scan# 1103
Delta R.T. 0.17 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion: 43 Resp: 14973

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.8	37.2#
87	0.0	12.2	18.2#



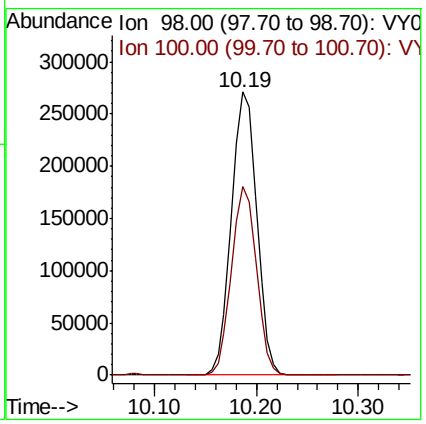


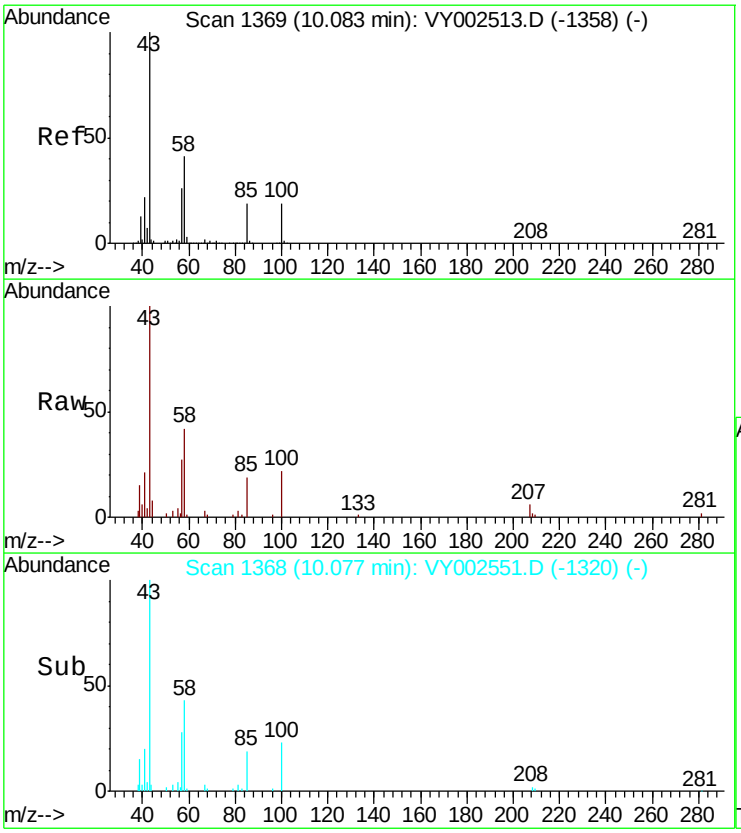
#50
Toluene-d8
Concen: 46.175 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 466489

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2

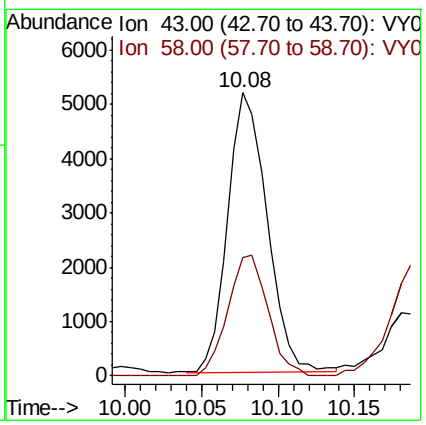


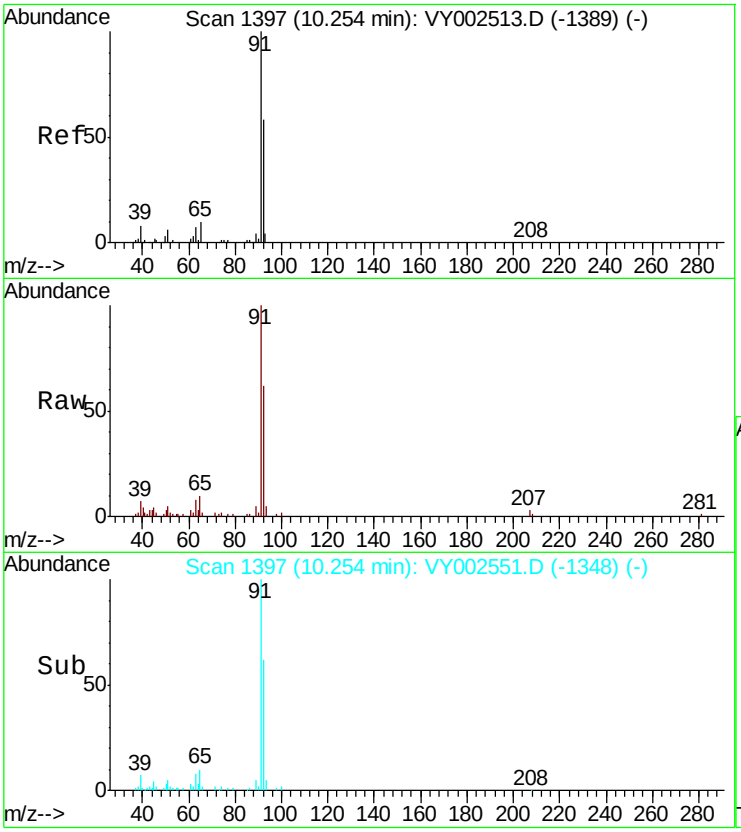


#51
4-Methyl-2-Pentanone
Concen: 4.901 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion: 43 Resp: 9228

Ion	Ratio	Lower	Upper
43	100		
58	43.8	33.2	49.8



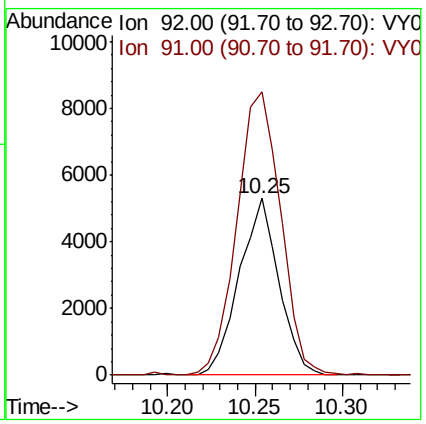


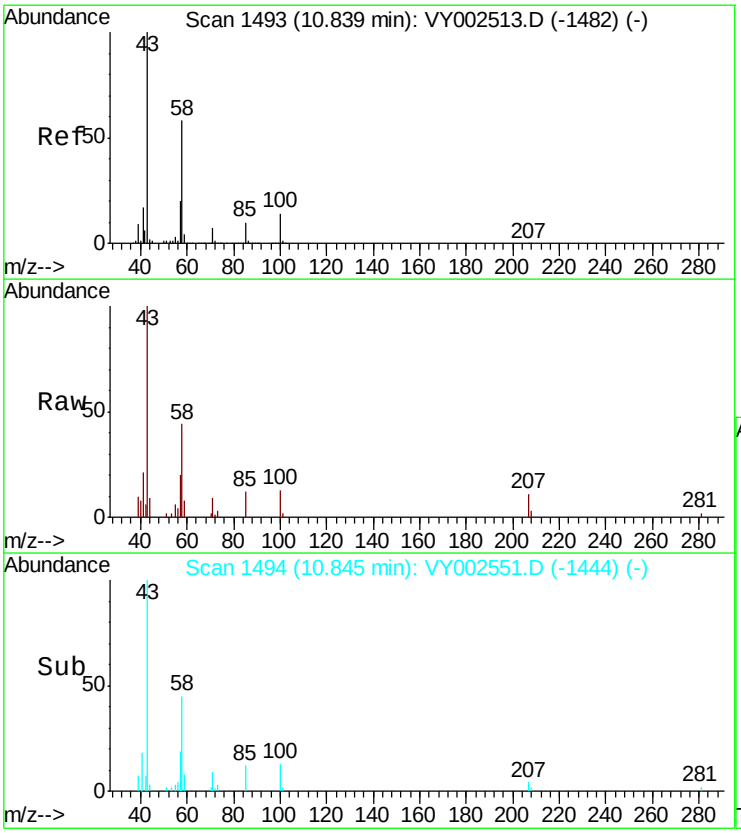
#52
Toluene
Concen: 1.186 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 92 Resp: 8351

Ion	Ratio	Lower	Upper
92	100		
91	177.6	139.3	208.9

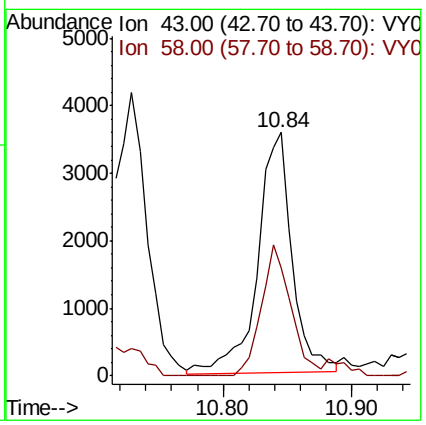


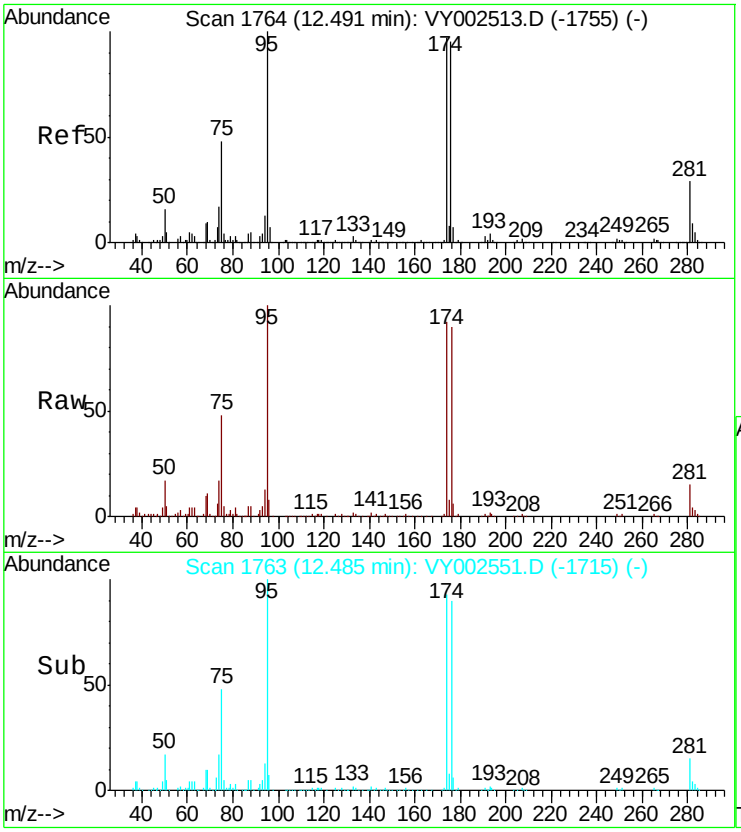


#59
2-Hexanone
Concen: 5.110 ug/l
RT: 10.84 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion: 43 Resp: 6623

Ion	Ratio	Lower	Upper
43	100		
58	46.6	29.1	87.3



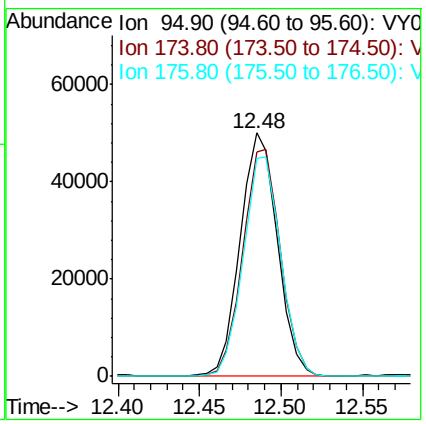


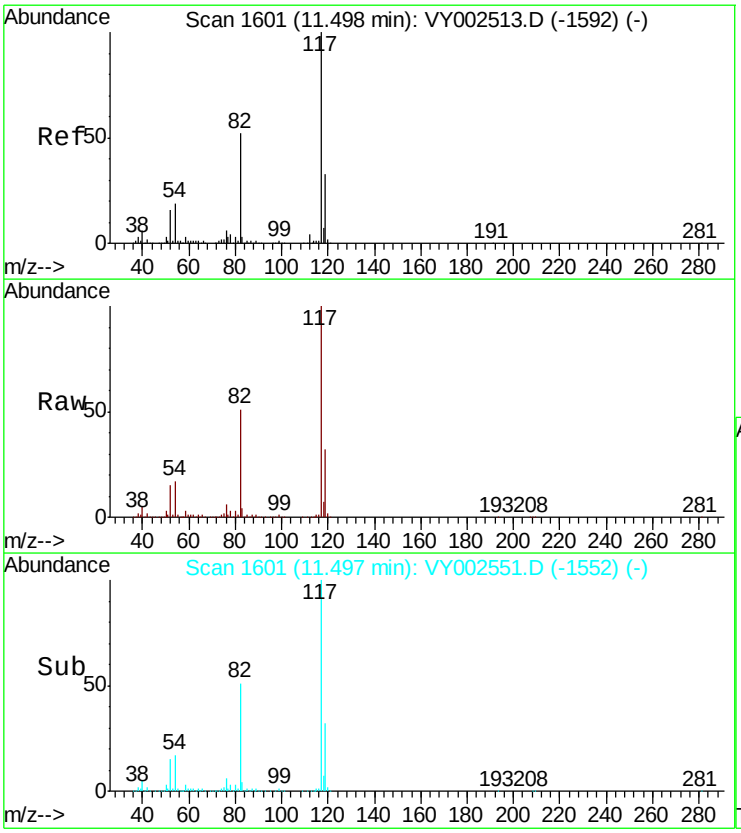
#62
4-Bromofluorobenzene
Concen: 23.074 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 79099

Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	188.8
176	91.6	0.0	183.2

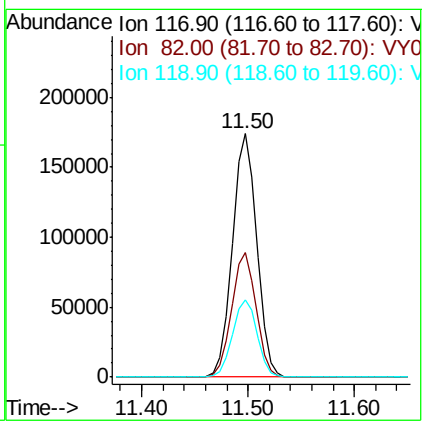


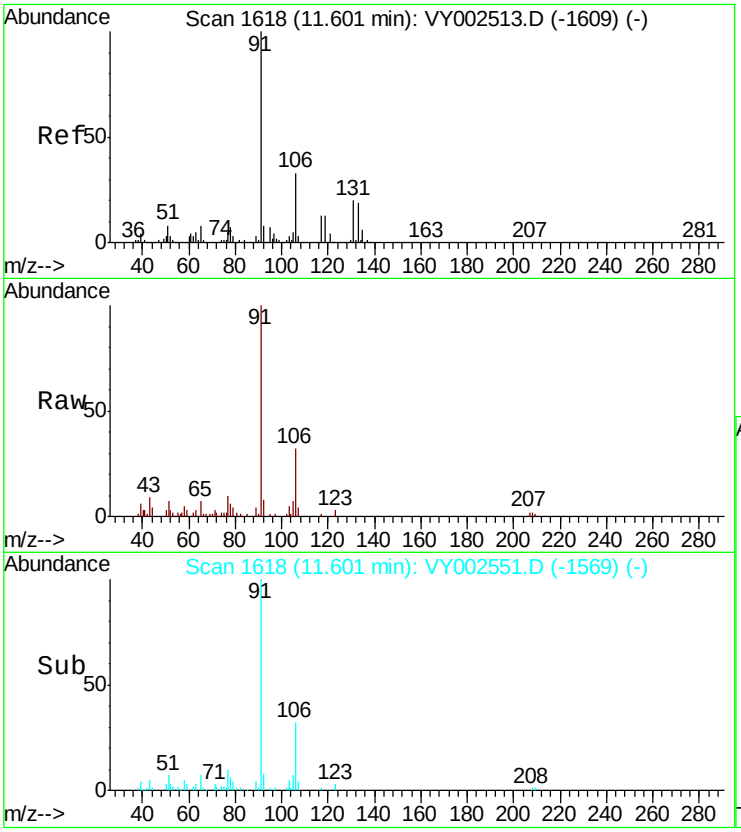


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion:117 Resp: 278741

Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.3	61.9
119	31.6	26.0	39.0



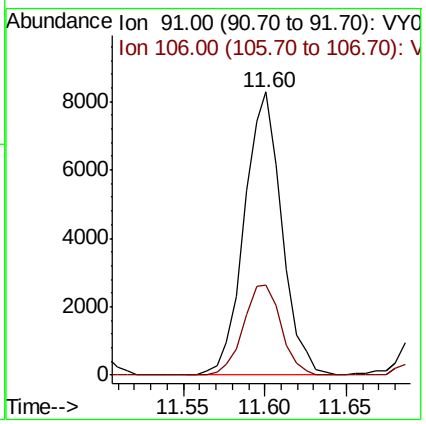


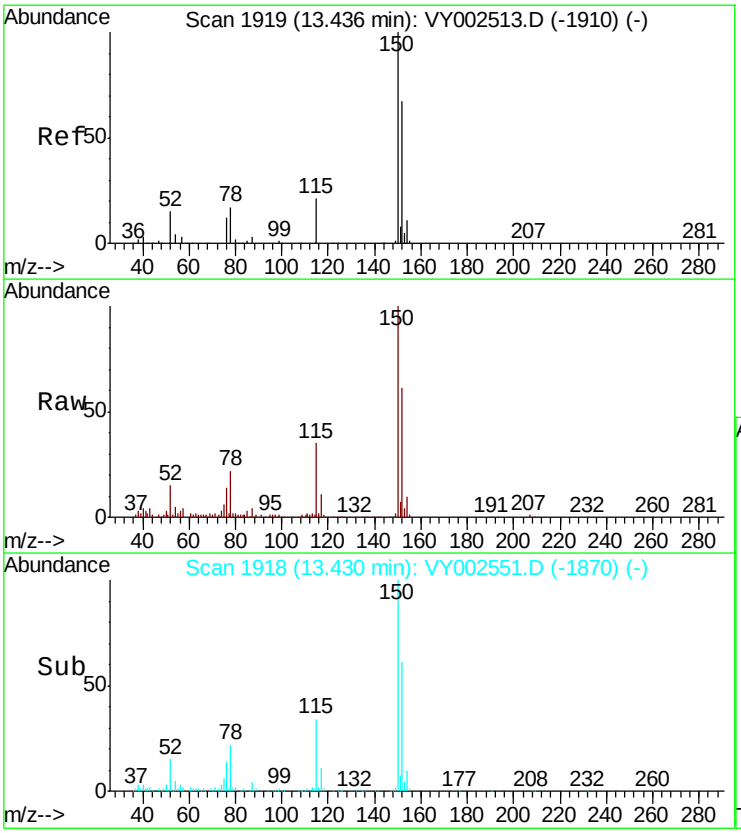
#67
Ethyl Benzene
Concen: 1.419 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 13205

Ion	Ratio	Lower	Upper
91	100		
106	31.9	26.1	39.1

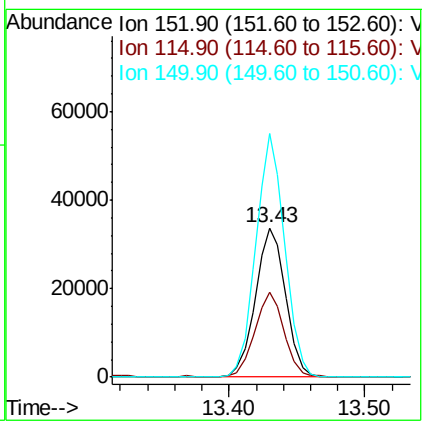


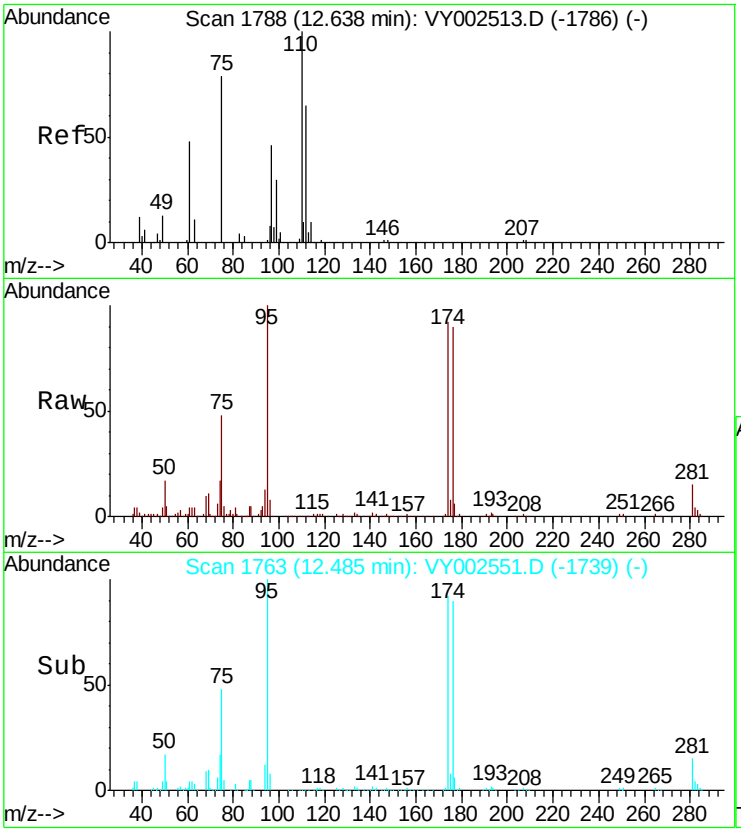


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion:152 Resp: 52662

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.5	82.4
150	155.0	0.0	346.4



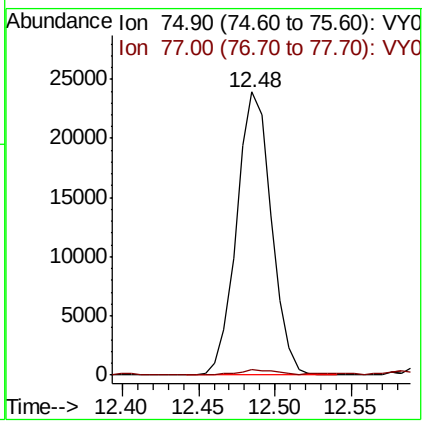


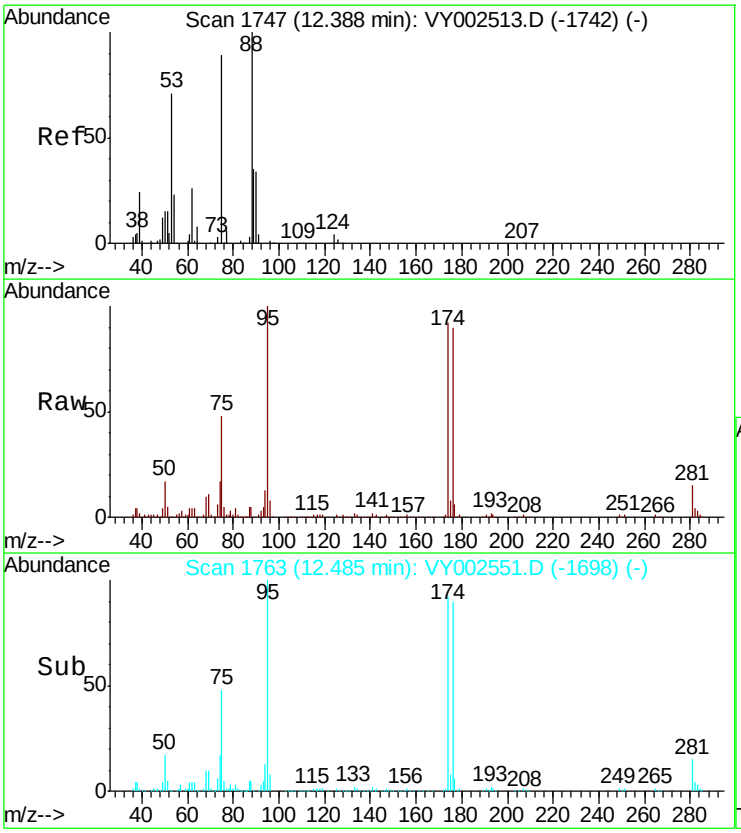
#76
1,2,3-Trichloropropane
Concen: 80.589 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37715

Ion	Ratio	Lower	Upper
75	100		
77	2.2	0.0	0.0#

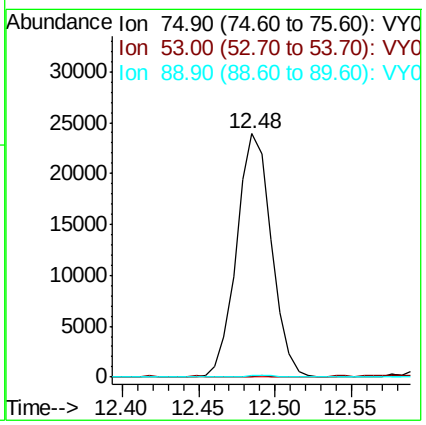


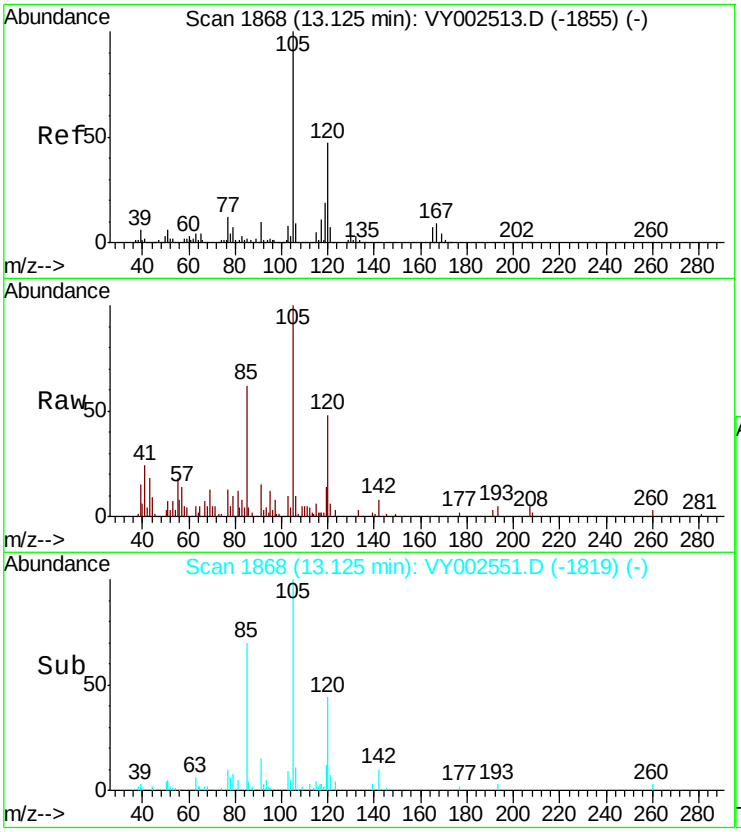


#81
trans-1,4-Dichloro-2-butene
Concen: 161.597 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion: 75 Resp: 37715

Ion	Ratio	Lower	Upper
75	100		
53	0.3	67.4	101.0#
89	0.8	37.4	56.0#



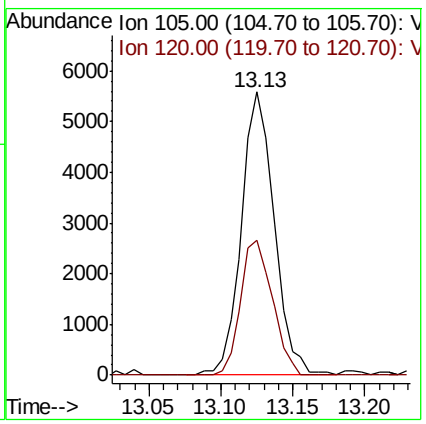


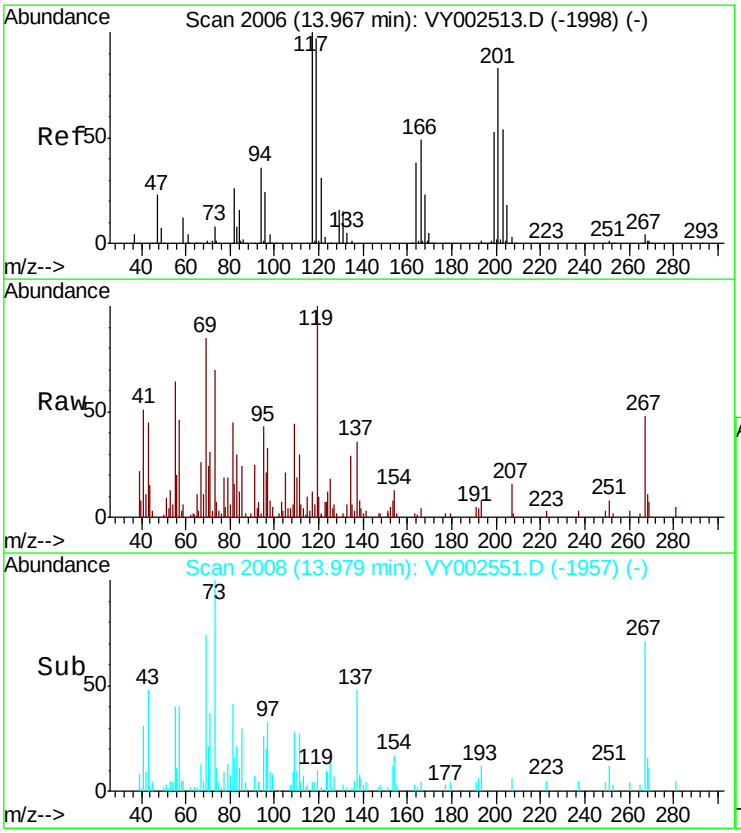
#84
1,2,4-Trimethylbenzene
Concen: 3.117 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 8788

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.4	70.3

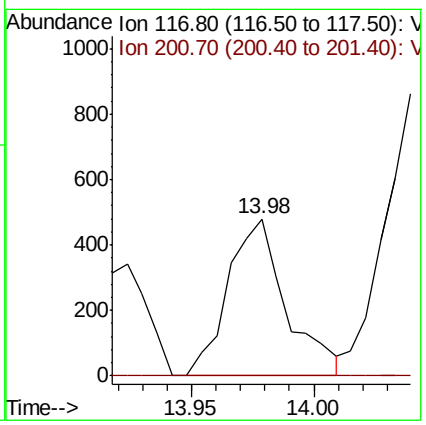


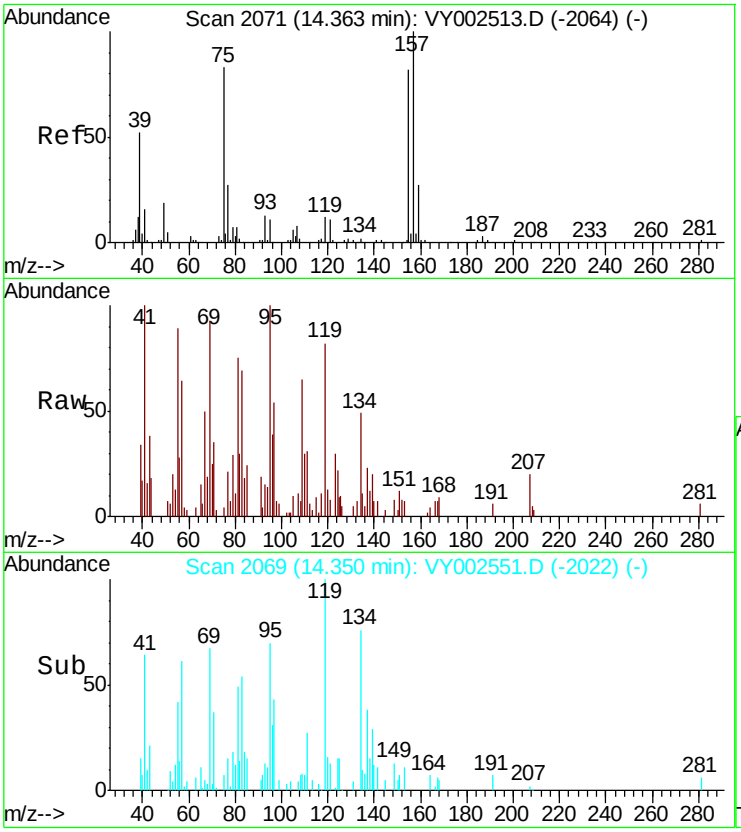


#90
Hexachloroethane
Concen: 1.348 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion:117 Resp: 792

Ion	Ratio	Lower	Upper
117	100		
201	0.0	44.4	133.2#



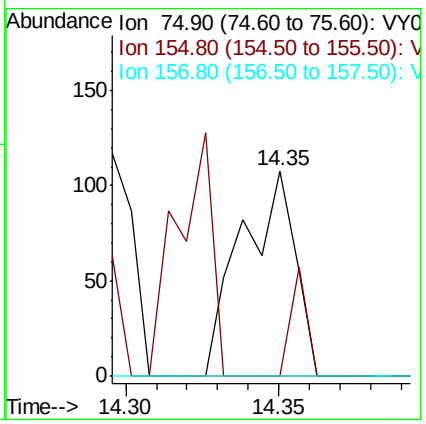


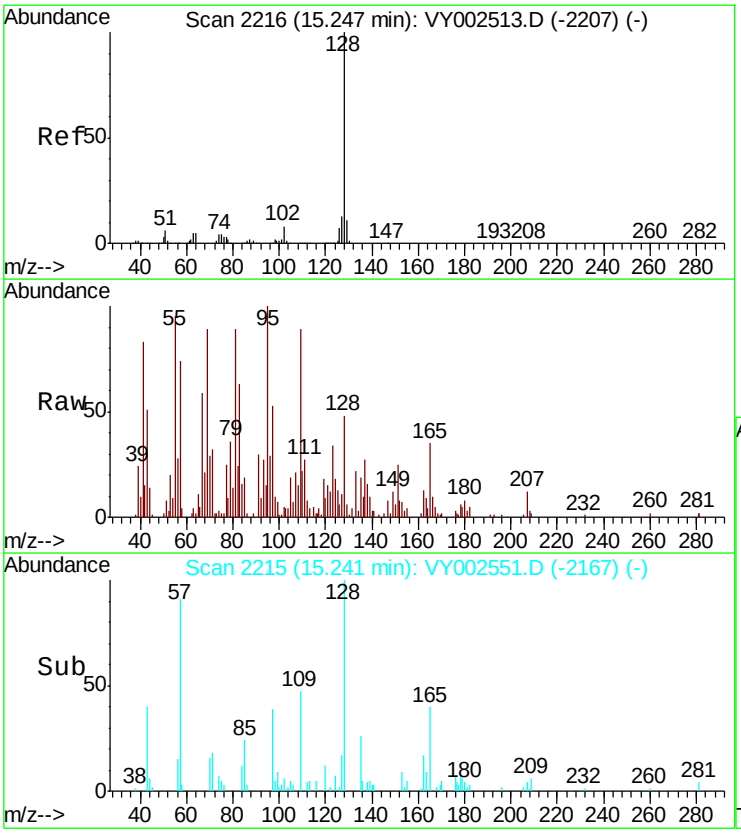
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.305 ug/l
RT: 14.35 min Scan# 2069
Delta R.T. -0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 132

Ion	Ratio	Lower	Upper
75	100		
155	15.9	51.3	153.9#
157	0.0	65.0	195.0#

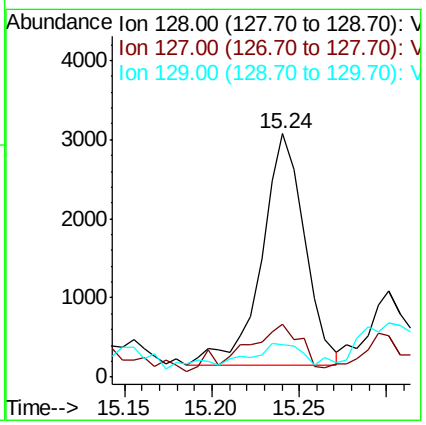


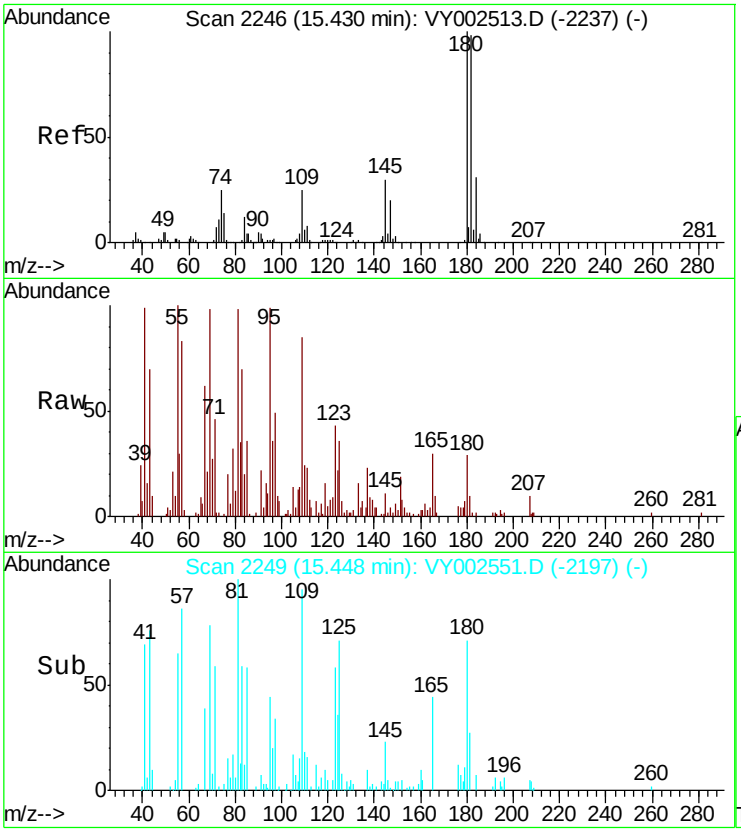


#95
Naphthalene
Concen: 2.637 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Tgt Ion:128 Resp: 5029

Ion	Ratio	Lower	Upper
128	100		
127	26.8	10.5	15.7#
129	10.1	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 3.724 ug/l
RT: 15.45 min Scan# 2249
Delta R.T. 0.02 min
Lab File: VY002551.D
Acq: 04 May 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 3305

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.8#
145	0.0	15.0	45.1#