Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
Data File : VY001182.D
Acq On : 13 Jan 2020 15:39
Operator : SY/MD
Sample : L1106-01
Misc : 6.23G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CIY1-SB-01-16-16.5

Quant Time: Jan 14 10:13:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	142622	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.70	114	262463	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	243303	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	112644	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	82204	54.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.14%				
35) Dibromofluoromethane	7.73	113	80544	52.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.82%				
50) Toluene-d8	10.18	98	314155	53.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.12%				
62) 4-Bromofluorobenzene	12.48	95	117042	48.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.70%				
Target Compounds							Qvalue
3) Chloromethane	2.12	50	1739	1.101	ug/l		98
11) Tert butyl alcohol	4.95	59	556	3.669	ug/l	#	45
13) Acrolein	3.74	56	237	1.737	ug/l	#	36
15) Acrylonitrile	5.25	53	539	1.253	ug/l	#	32
16) Acetone	3.96	43	11579	33.098	ug/l		96
17) Carbon Disulfide	4.20	76	19604	4.154	ug/l		98
20) Methylene Chloride	4.74	84	8111	Below Cal			93
25) 2-Butanone	7.01	43	4157	7.635	ug/l		100
29) Tetrahydrofuran	7.38	42	1530	4.101	ug/l		95
31) Cyclohexane	7.80	56	5151	1.768	ug/l	#	29
36) 1,1-Dichloropropene	7.80	75	10926	4.567	ug/l	#	48
38) Carbon Tetrachloride	7.80	117	13831	6.309	ug/l	#	14
39) Methylcyclohexane	9.19	83	6807	2.099	ug/l		94
40) Benzene	8.17	78	55216	7.907	ug/l		98
52) Toluene	10.25	92	111668	25.073	ug/l		99
76) 1,2,3-Trichloropropane	12.48	75	55306	45.864	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	55306	77.776	ug/l	#	6

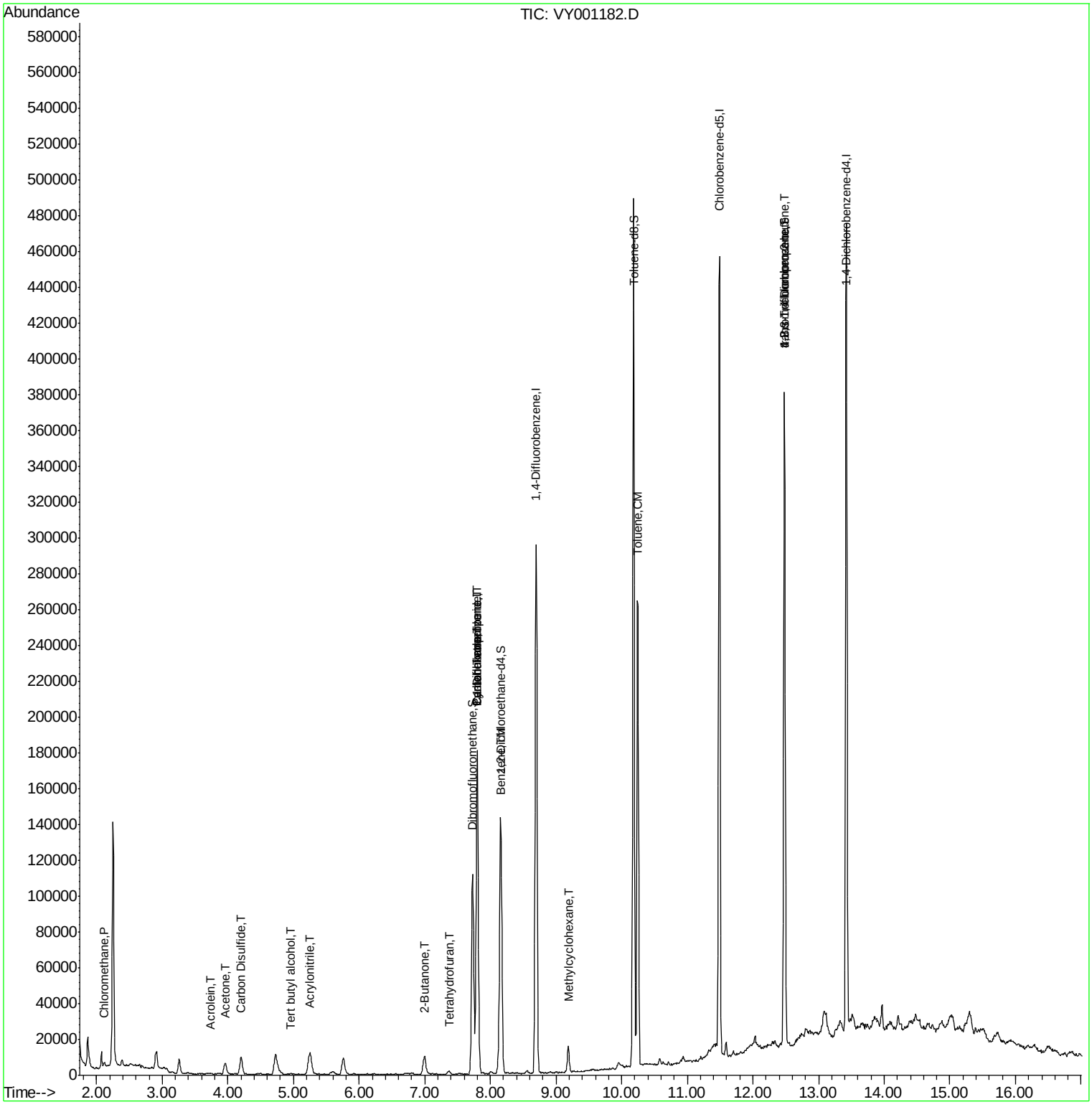
(#) = qualifier out of range (m) = manual integration (+) = signals summed

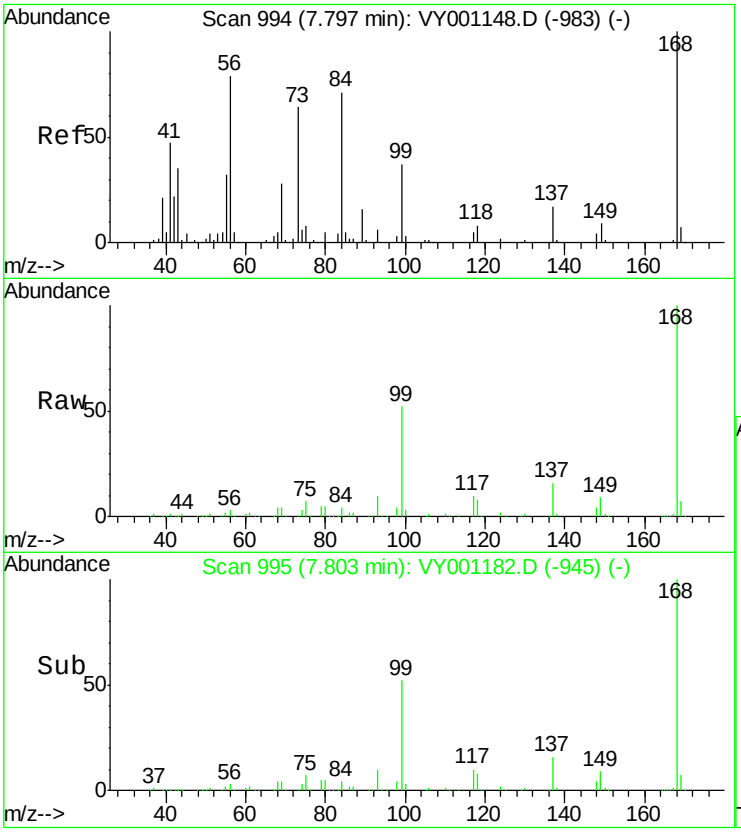
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
Data File : VY001182.D
Acq On : 13 Jan 2020 15:39
Operator : SY/MD
Sample : L1106-01
Misc : 6.23G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Quant Time: Jan 14 10:13:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration



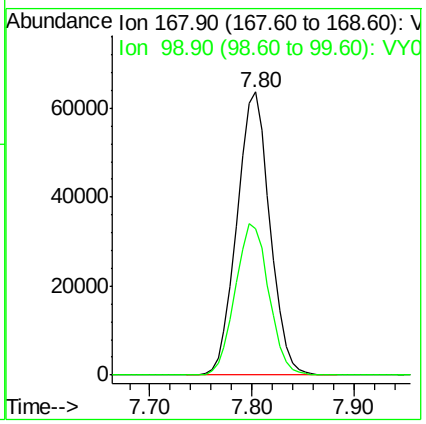


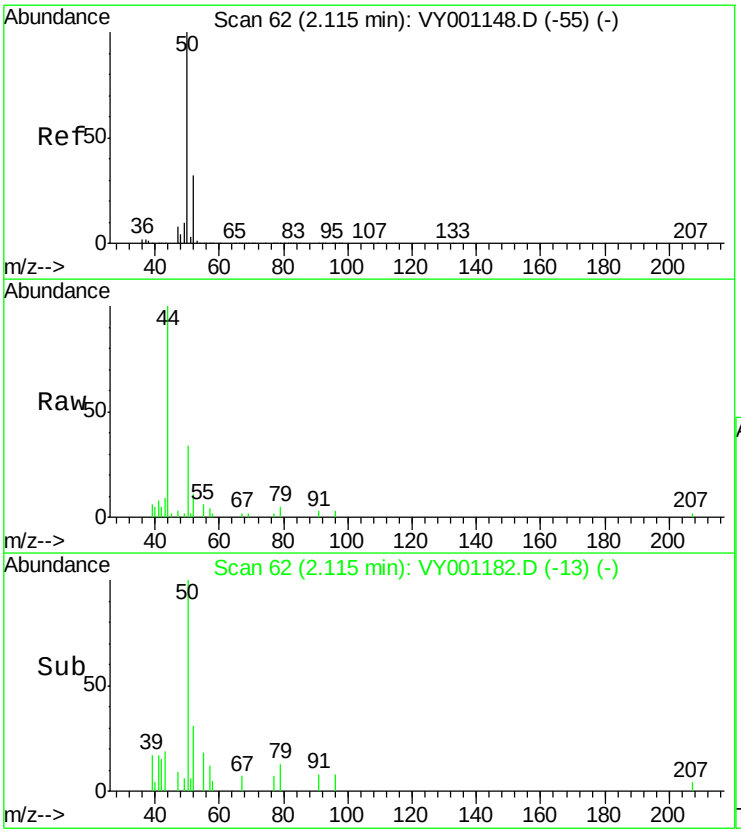
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion:168 Resp: 142622

Ion	Ratio	Lower	Upper
168	100		
99	51.9	47.9	71.9

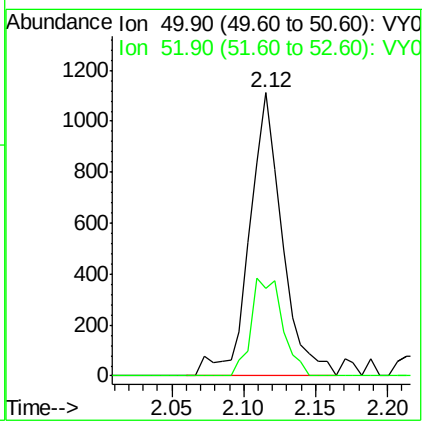


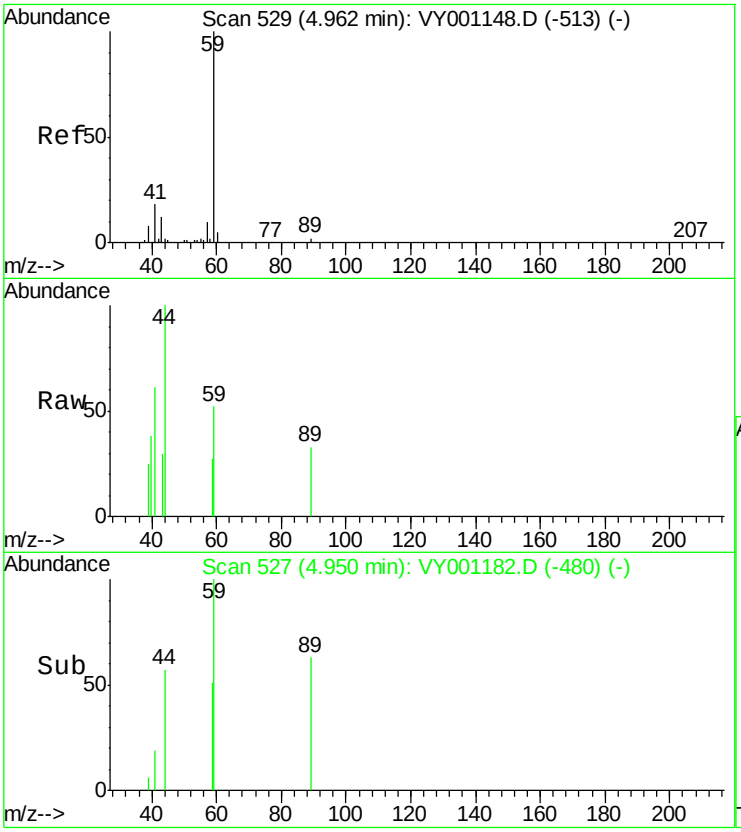


#3
Chloromethane
Concen: 1.101 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion: 50 Resp: 1739

Ion	Ratio	Lower	Upper
50	100		
52	31.0	25.8	38.6



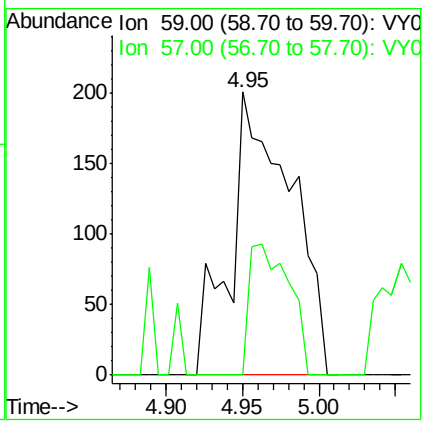


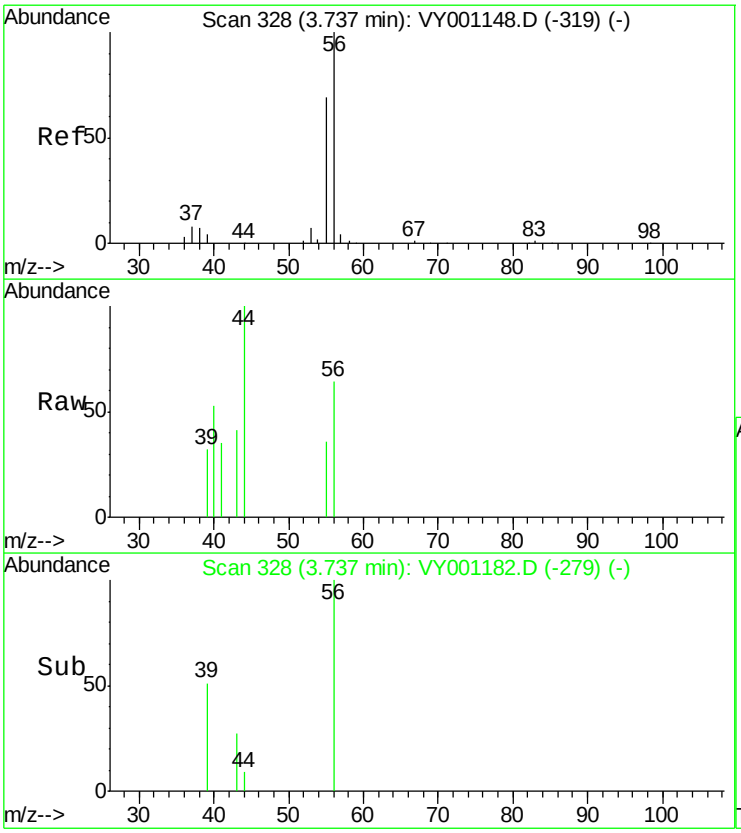
#11
Tert butyl alcohol
Concen: 3.669 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.01 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion: 59 Resp: 556

Ion	Ratio	Lower	Upper
59	100		
57	30.0	7.8	11.8#

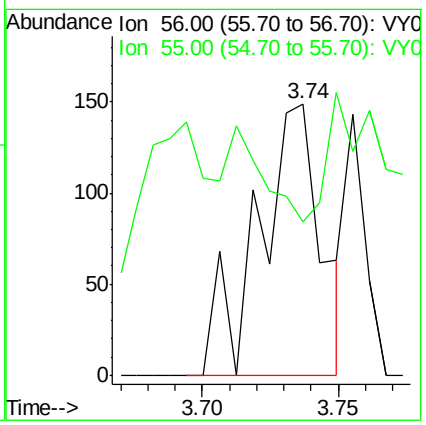


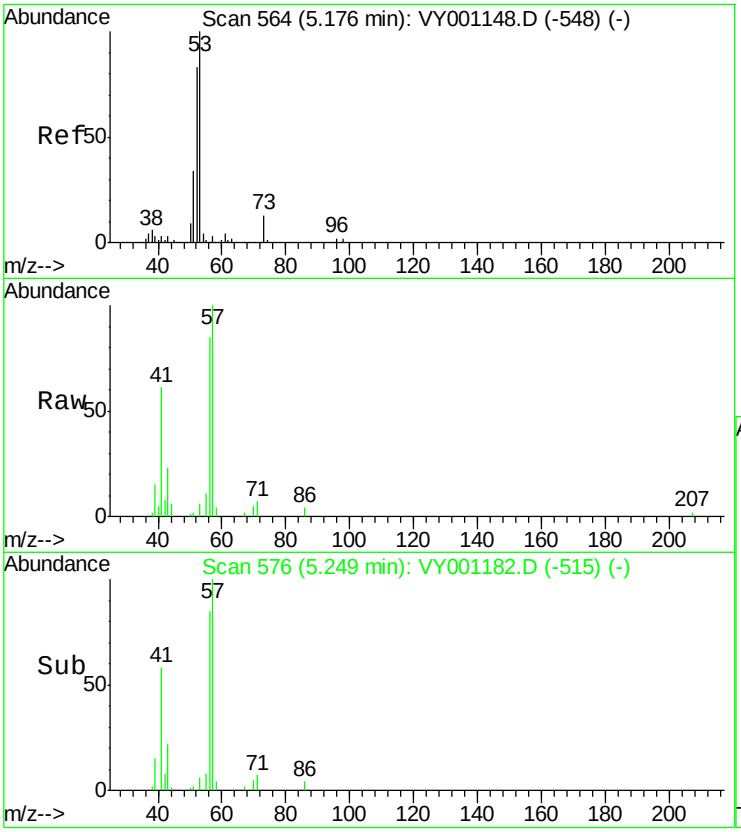


#13
Acrolein
Concen: 1.737 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion: 56 Resp: 237

Ion	Ratio	Lower	Upper
56	100		
55	123.6	56.7	85.1#



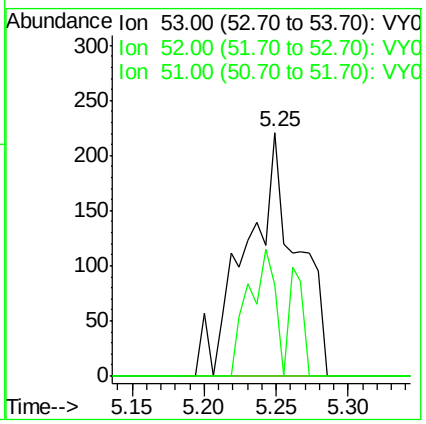


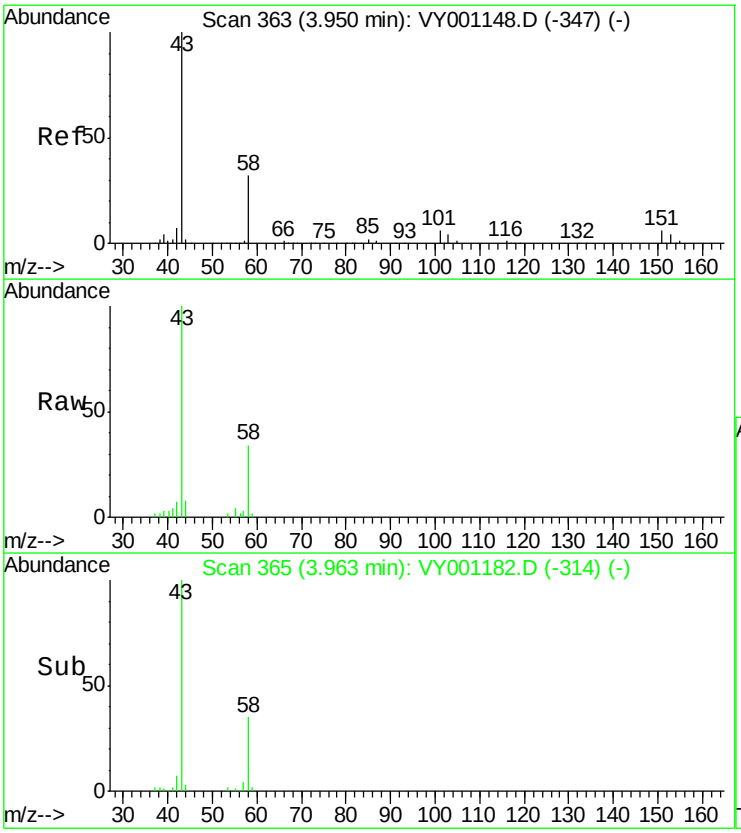
#15
Acrylonitrile
Concen: 1.253 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.07 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion: 53 Resp: 539

Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.7	98.5#
51	27.1	28.7	43.1#

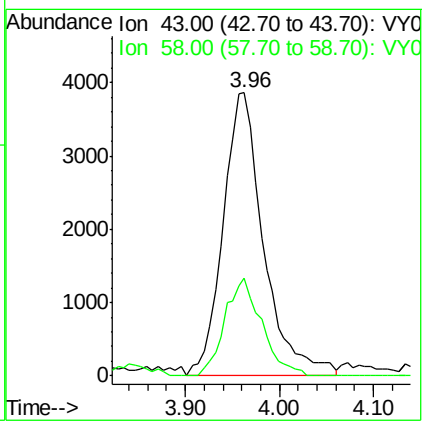


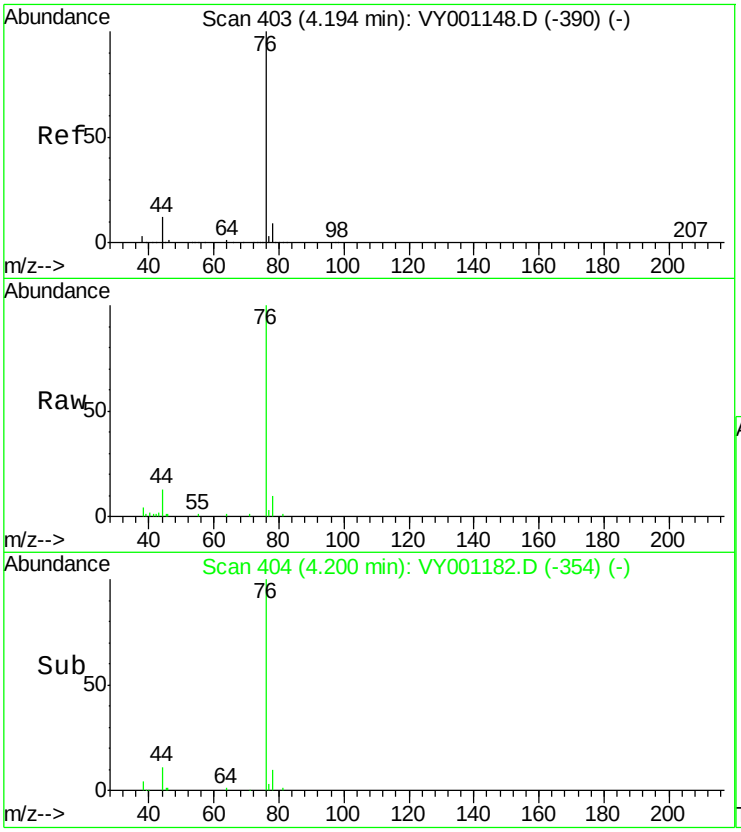


#16
Acetone
Concen: 33.098 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion: 43 Resp: 11579

Ion	Ratio	Lower	Upper
43	100		
58	34.4	25.8	38.6



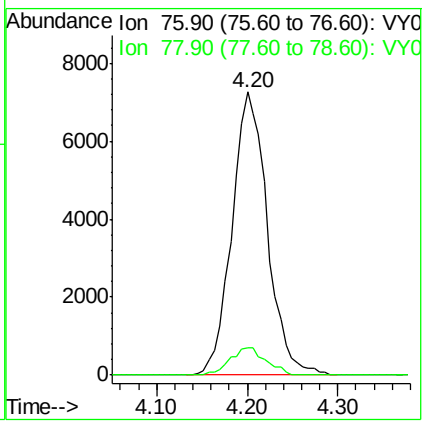


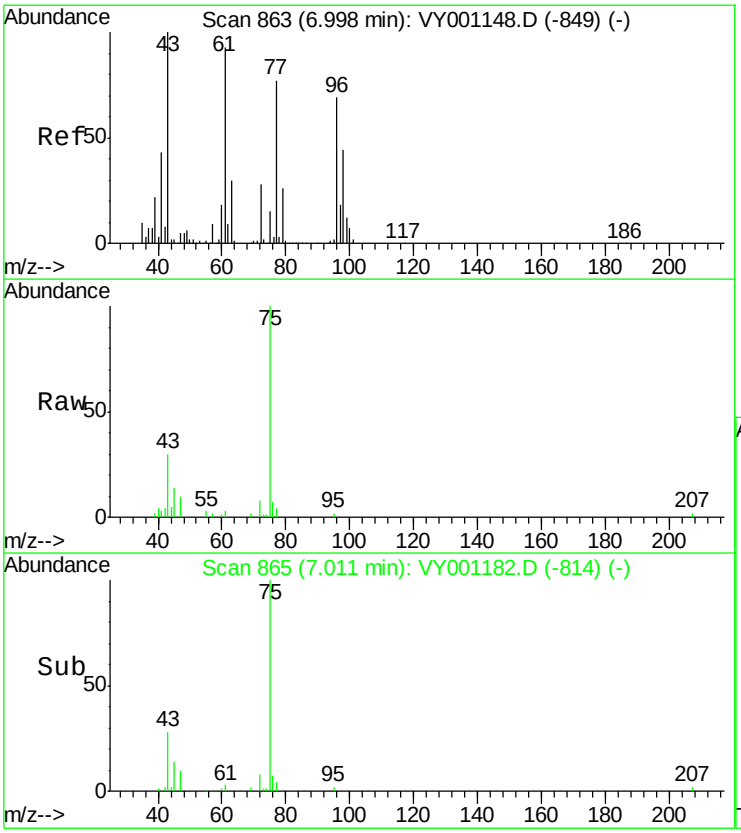
#17
Carbon Disulfide
Concen: 4.154 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion: 76 Resp: 19604

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.2	10.8

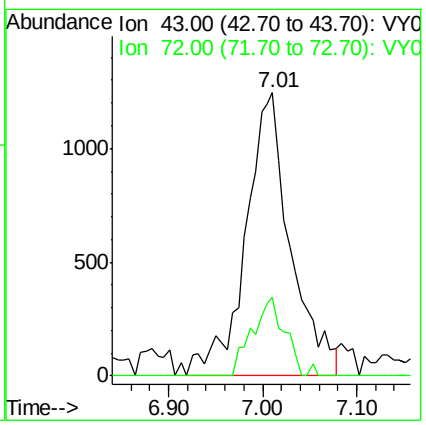


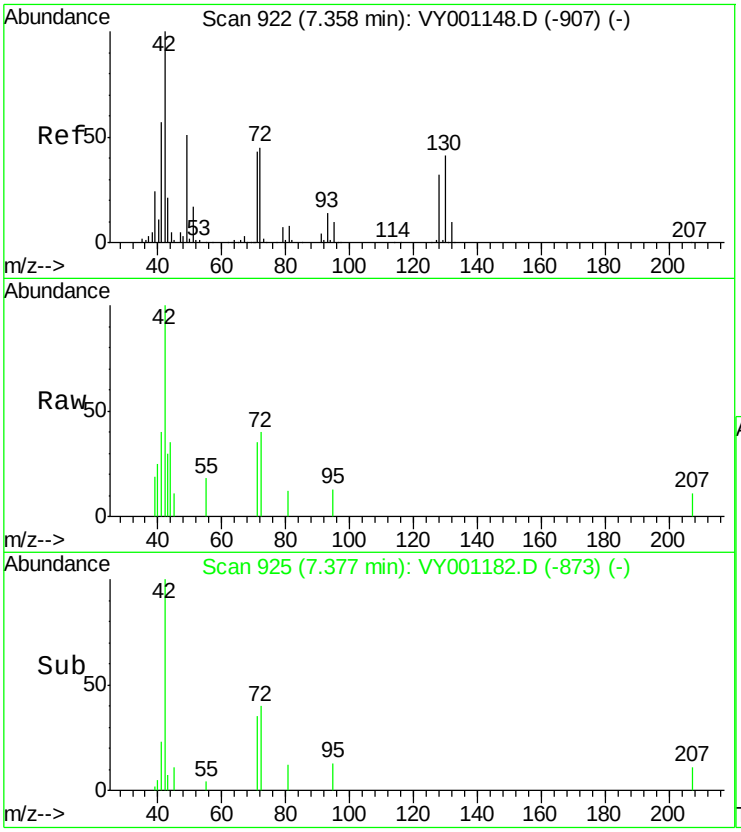


#25
2-Butanone
Concen: 7.635 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion: 43 Resp: 4157

Ion	Ratio	Lower	Upper
43	100		
72	27.8	22.2	33.2



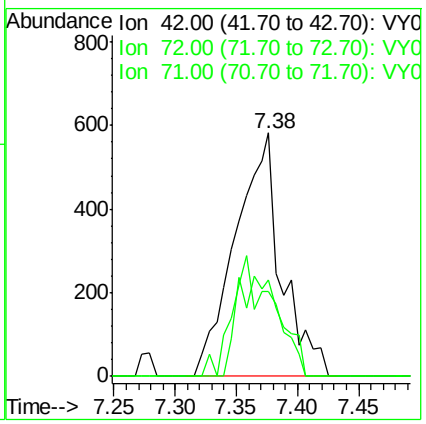


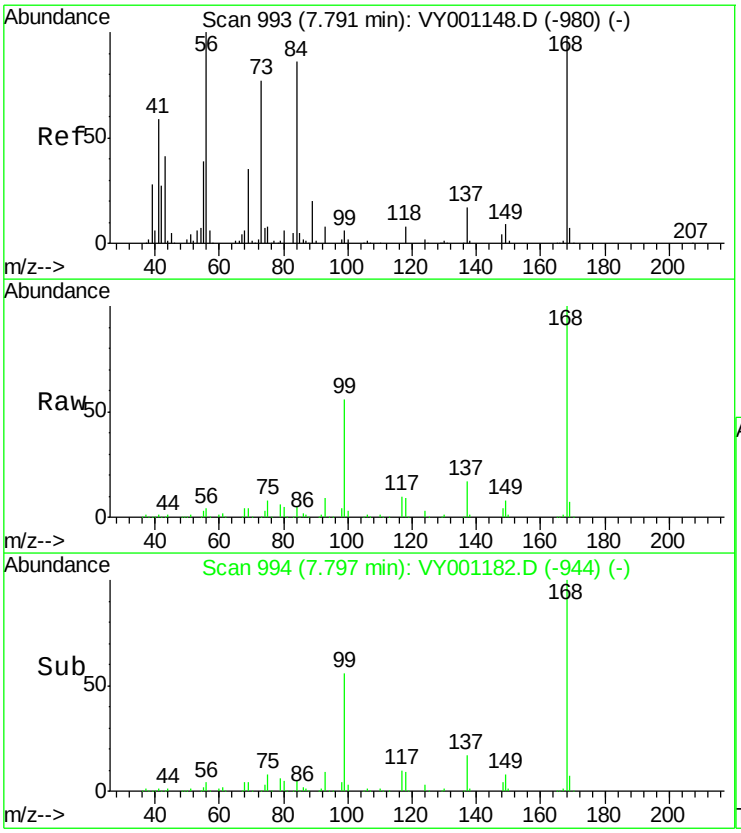
#29
Tetrahydrofuran
Concen: 4.101 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion: 42 Resp: 1530

Ion	Ratio	Lower	Upper
42	100		
72	39.4	36.9	55.3
71	42.7	34.0	51.0

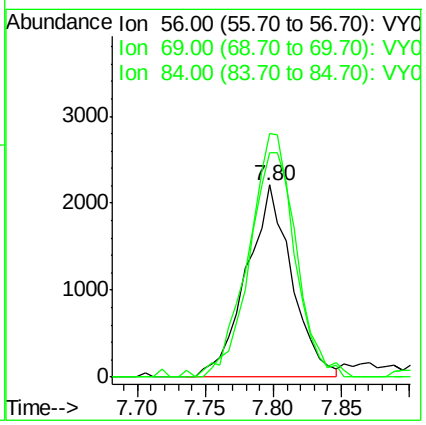


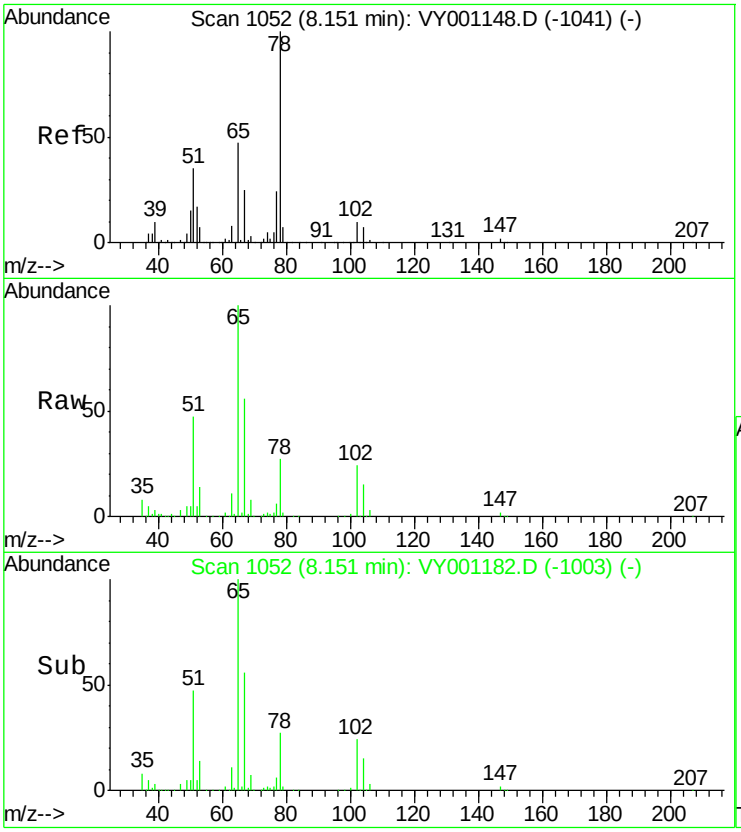


#31
Cyclohexane
Concen: 1.768 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion: 56 Resp: 5151

Ion	Ratio	Lower	Upper
56	100		
69	113.7	27.8	41.8#
84	126.9	68.9	103.3#



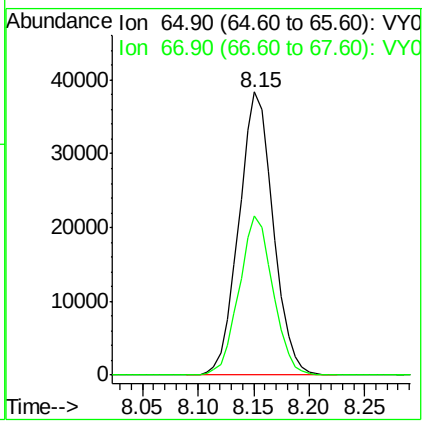


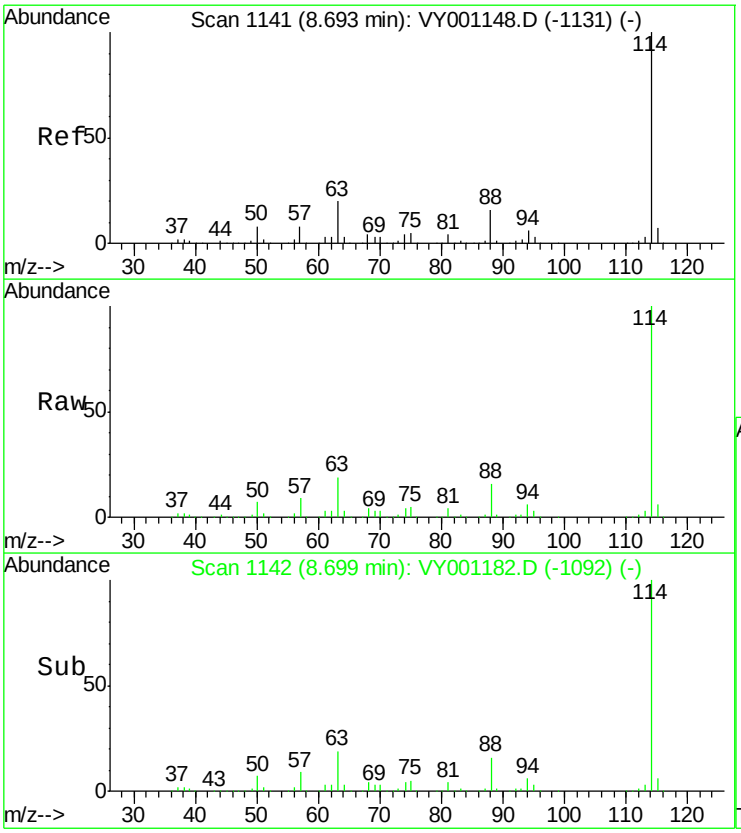
#33
1,2-Dichloroethane-d4
Concen: 54.572 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion: 65 Resp: 82204

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	105.2

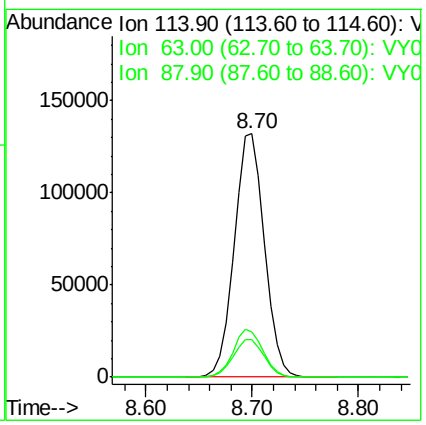


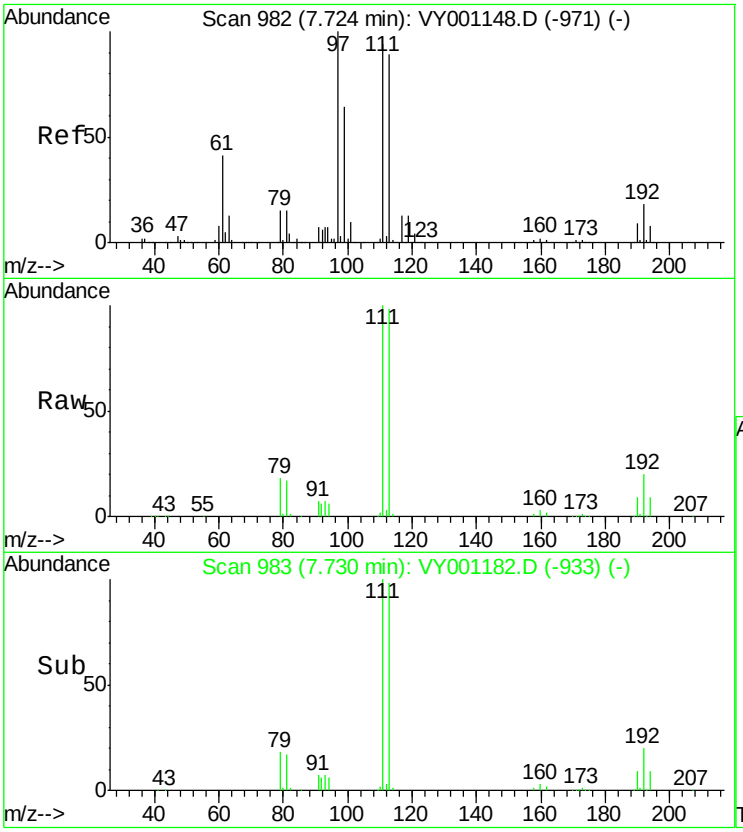


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion:114 Resp: 262463

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	40.8
88	15.7	0.0	32.4



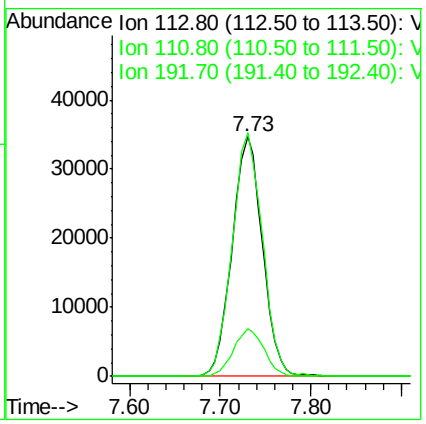


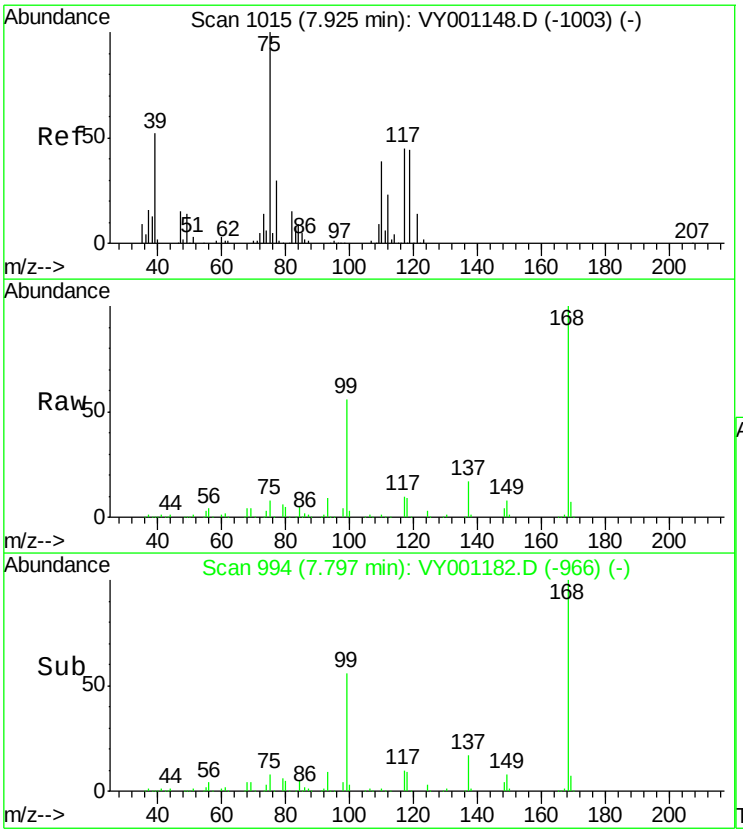
#35
Dibromofluoromethane
Concen: 52.413 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion:113 Resp: 80544

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.9	124.3
192	20.0	15.4	23.2

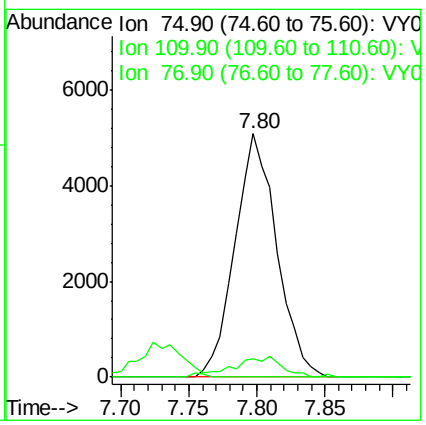


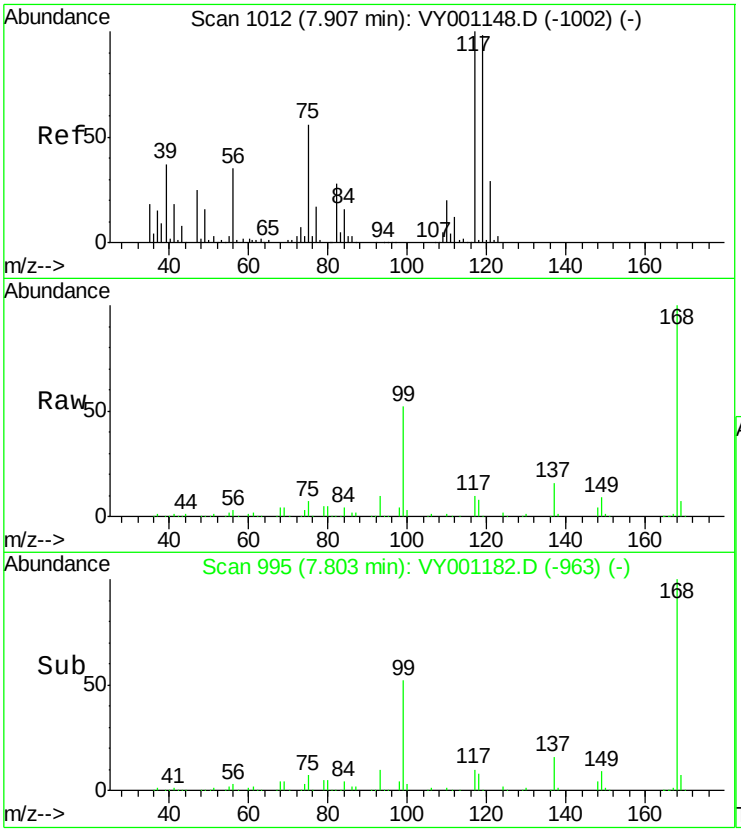


#36
1,1-Dichloropropene
Concen: 4.567 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion: 75 Resp: 10926

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.3	54.8#
77	0.0	25.1	37.7#



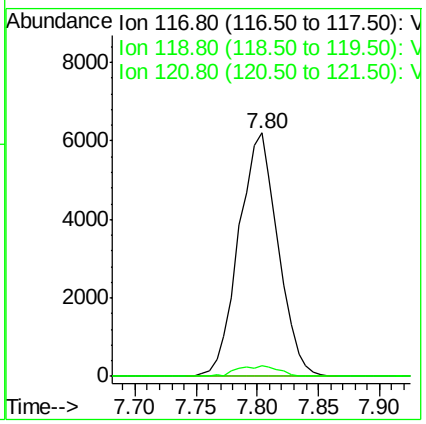


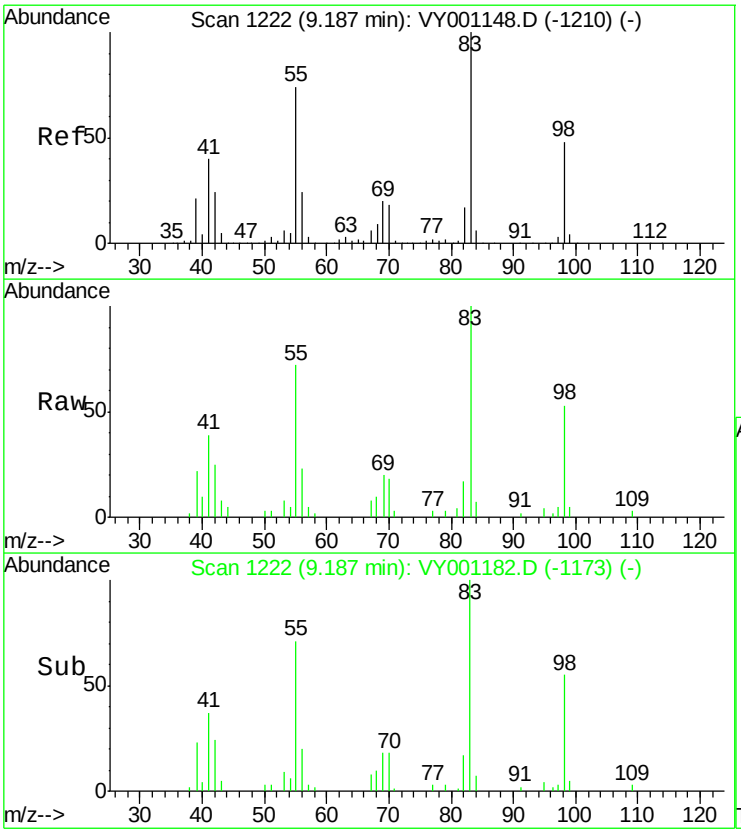
#38
Carbon Tetrachloride
Concen: 6.309 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.10 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion:117 Resp: 13831

Ion	Ratio	Lower	Upper
117	100		
119	4.2	78.3	117.5#
121	0.0	23.5	35.3#

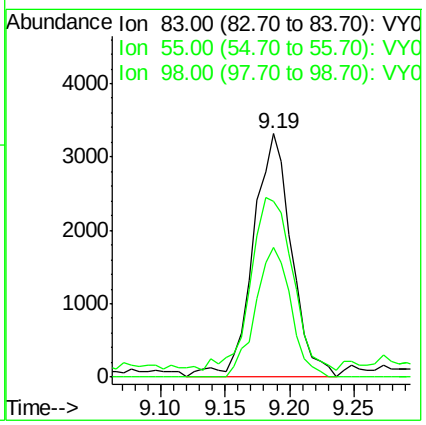


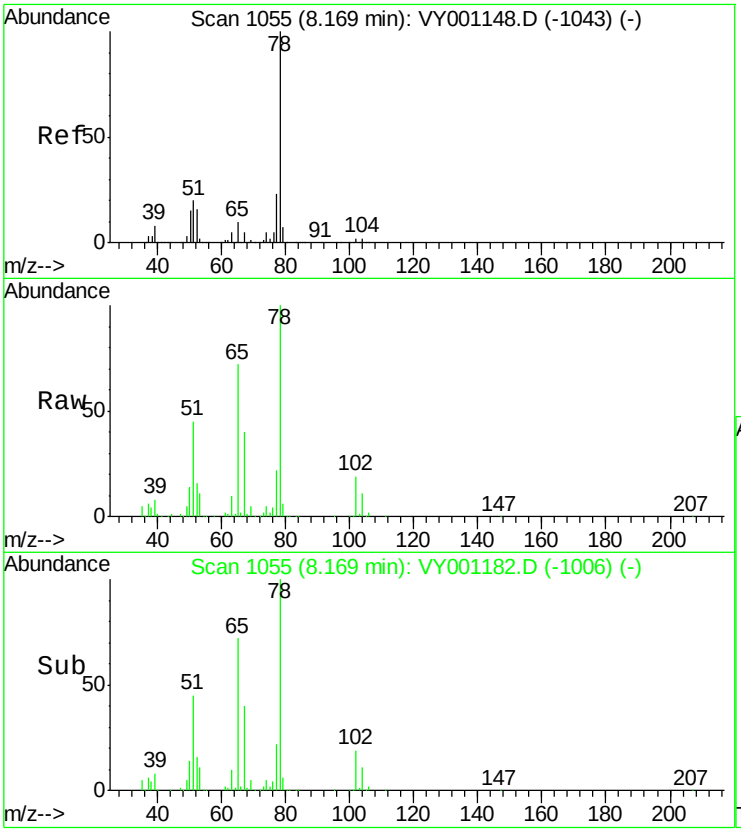


#39
Methylcyclohexane
Concen: 2.099 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion: 83 Resp: 6807

Ion	Ratio	Lower	Upper
83	100		
55	69.2	58.9	88.3
98	53.2	38.4	57.6



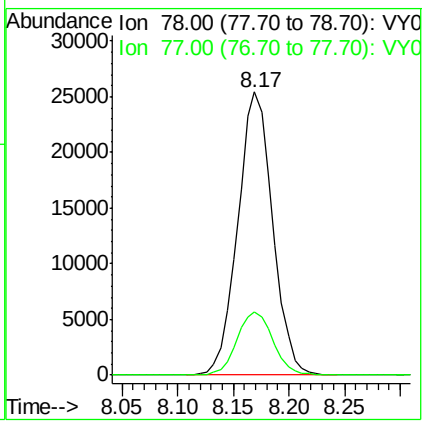


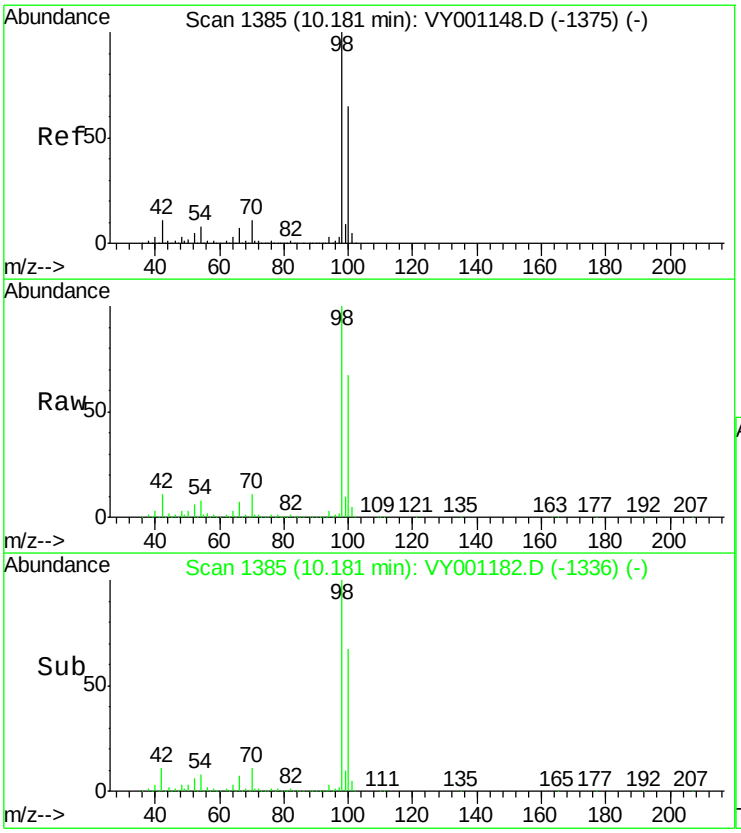
#40
Benzene
Concen: 7.907 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion: 78 Resp: 55216

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.8	28.2

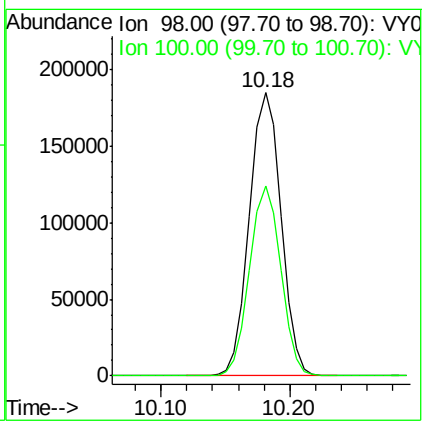


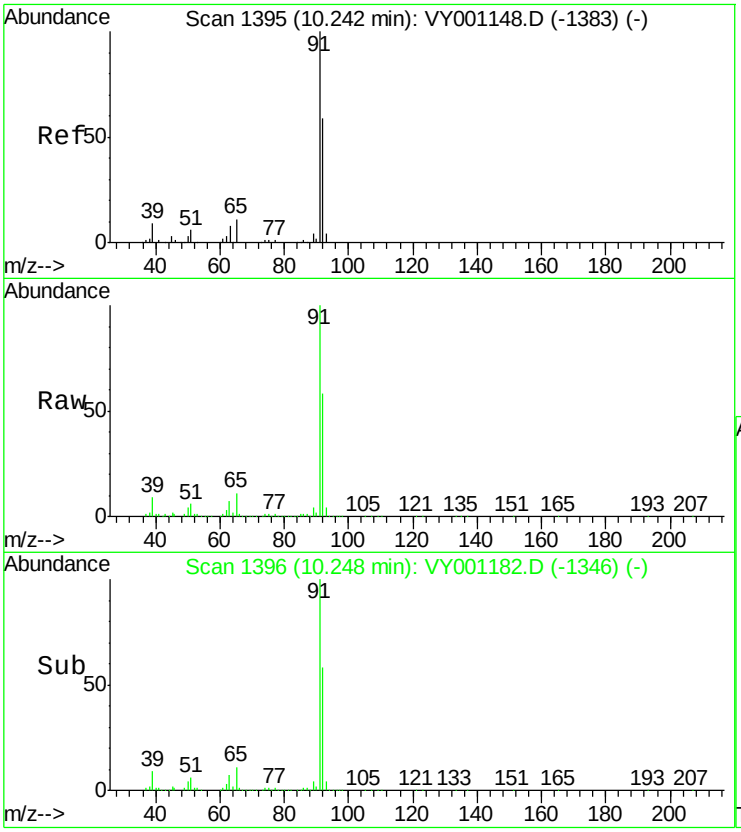


#50
Toluene-d8
Concen: 53.056 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion: 98 Resp: 314155

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7



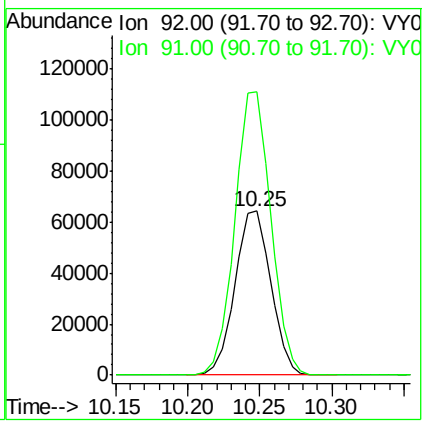


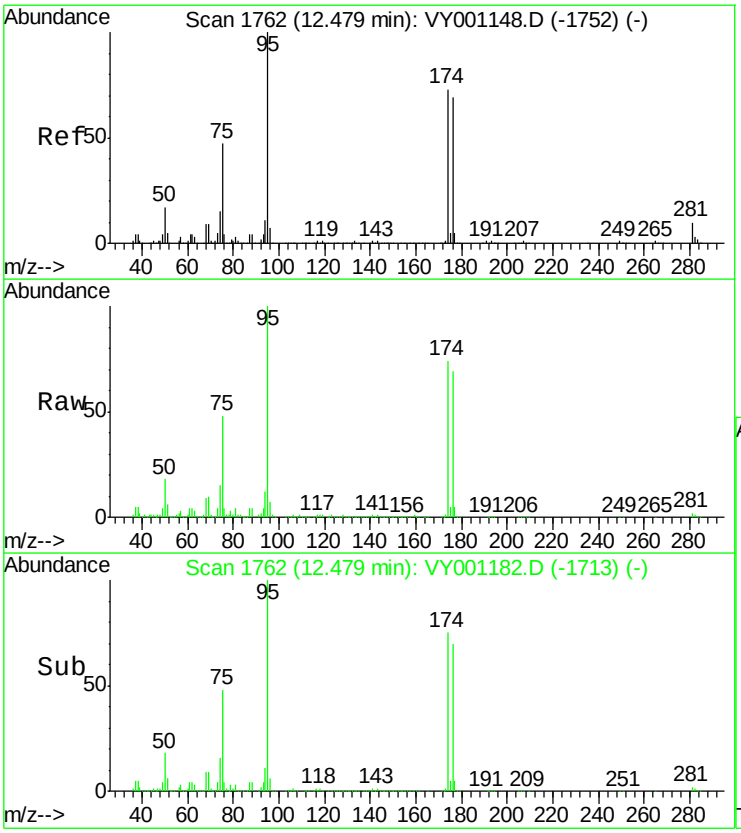
#52
Toluene
Concen: 25.073 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion: 92 Resp: 111668

Ion	Ratio	Lower	Upper
92	100		
91	172.7	136.6	204.8

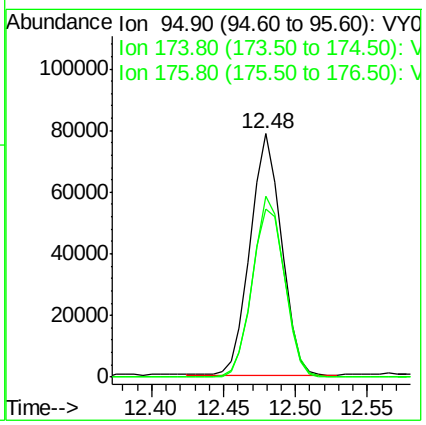


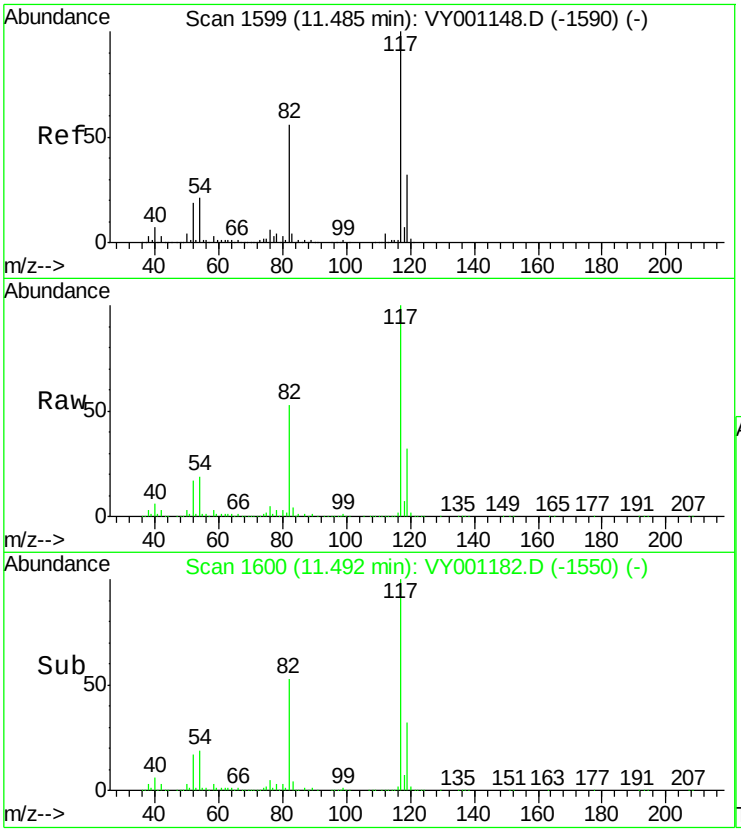


#62
4-Bromofluorobenzene
Concen: 48.349 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion: 95 Resp: 117042

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	143.2
176	73.8	0.0	136.0



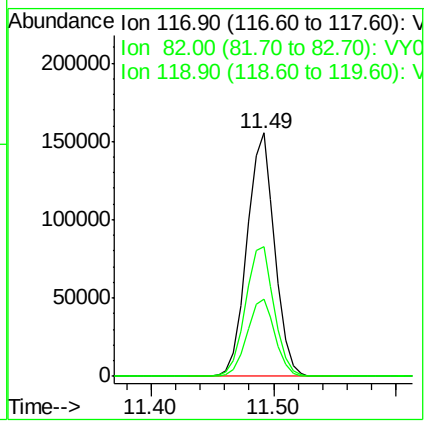


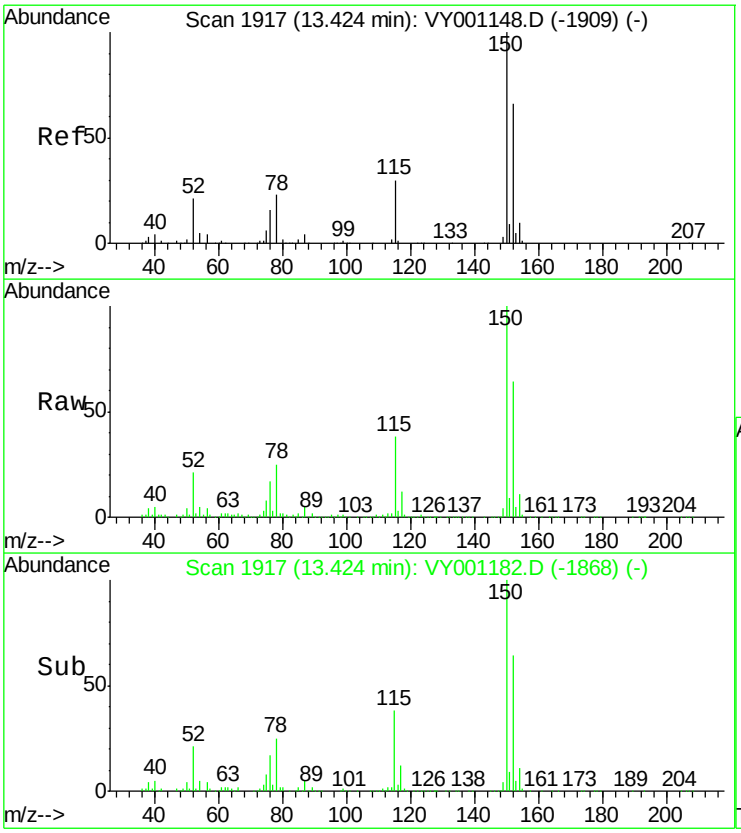
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion:117 Resp: 243303

Ion	Ratio	Lower	Upper
117	100		
82	52.9	44.9	67.3
119	31.7	25.7	38.5

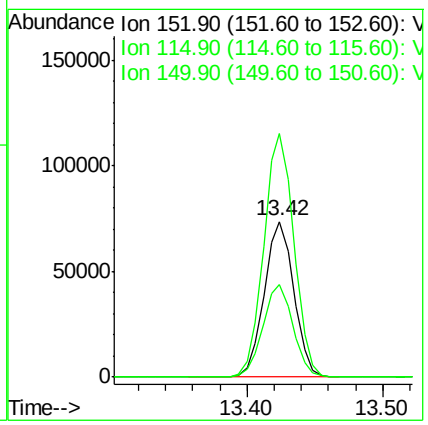


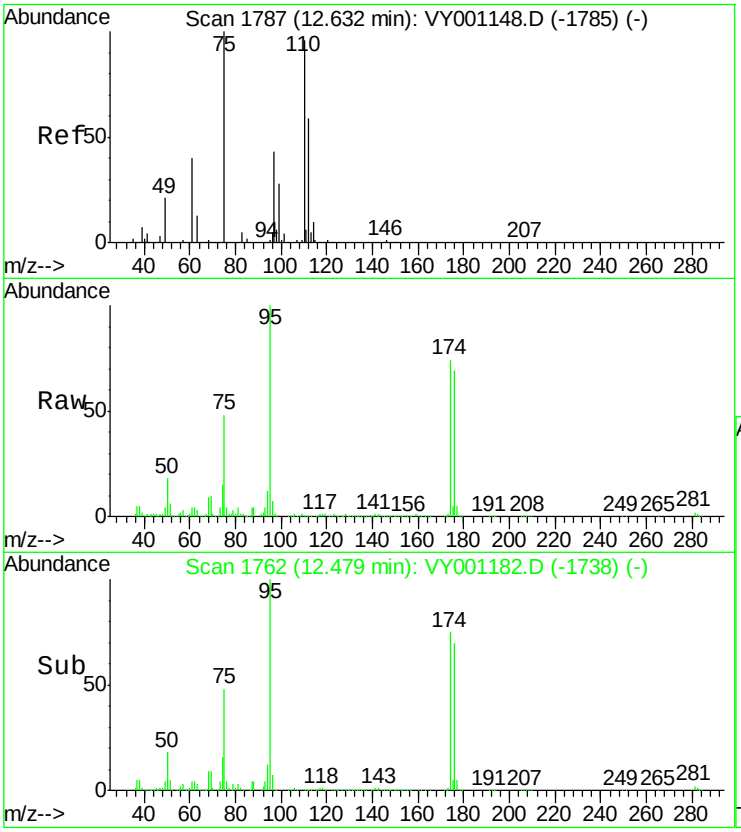


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion:152 Resp: 112644

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.9	92.5
150	158.4	0.0	346.8



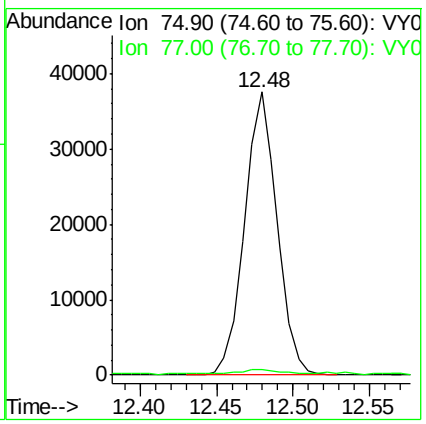


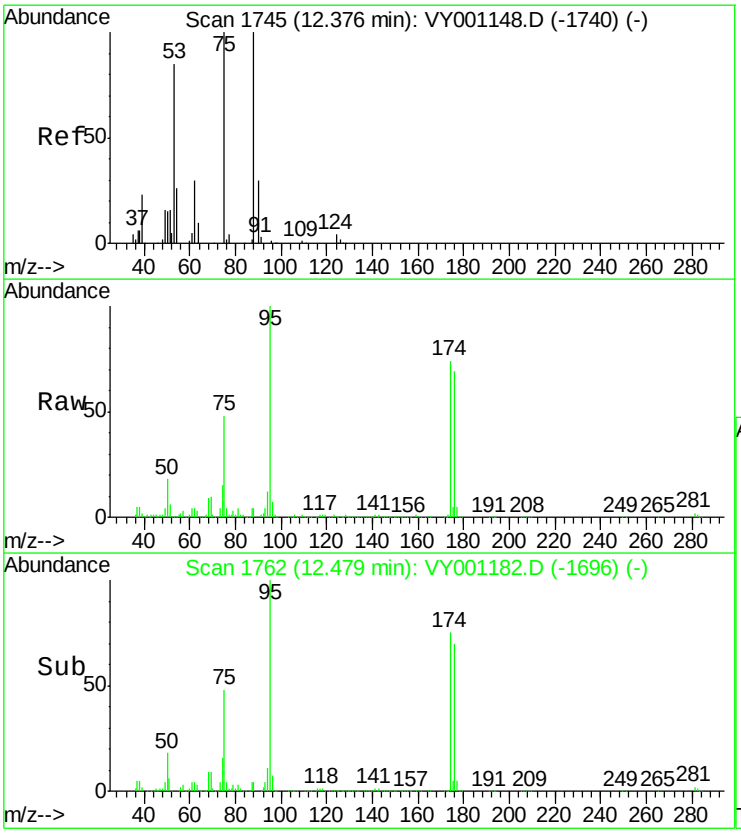
#76
1,2,3-Trichloropropane
Concen: 45.864 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-16-16.5

Tgt Ion: 75 Resp: 55306

Ion	Ratio	Lower	Upper
75	100		
77	2.9	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.776 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY001182.D
Acq: 13 Jan 2020 15:39

Tgt Ion: 75 Resp: 55306

Ion	Ratio	Lower	Upper
75	100		
53	0.2	69.4	104.2#
89	0.0	0.0	0.0#