Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY063020\
Data File : VY003034.D
Acq On : 30 Jun 2020 14:49
Operator : SY/MD
Sample : L2815-16
Misc : 7.42G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Jul 01 05:13:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	360795	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.69	114	580853	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	556687	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	276842	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	201795	56.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.62%				
35) Dibromofluoromethane	7.72	113	194633	53.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.42%				
50) Toluene-d8	10.18	98	701048	51.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.86%				
62) 4-Bromofluorobenzene	12.48	95	259390	54.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.18%				
Target Compounds							Qvalue
13) Acrolein	3.75	56	417	1.271	ug/l		98
16) Acetone	3.96	43	2550	3.017	ug/l	#	84
20) Methylene Chloride	4.73	84	38692	3.821	ug/l		95
31) Cyclohexane	7.79	56	7596	1.205	ug/l	#	6
36) 1,1-Dichloropropene	7.79	75	24839	4.439	ug/l	#	50
38) Carbon Tetrachloride	7.80	117	32502	5.583	ug/l	#	17
49) 1,4-Dioxane	9.21	88	33	1.175	ug/l	#	1
76) 1,2,3-Trichloropropane	12.48	75	131187	47.880	ug/l	#	100
79) 2-Chlorotoluene	12.75	91	52445	4.312	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.48	75	131187	93.155	ug/l	#	13
82) 4-Chlorotoluene	12.85	91	101103	7.984	ug/l		98
95) Naphthalene	15.24	128	11397	1.079	ug/l	#	89

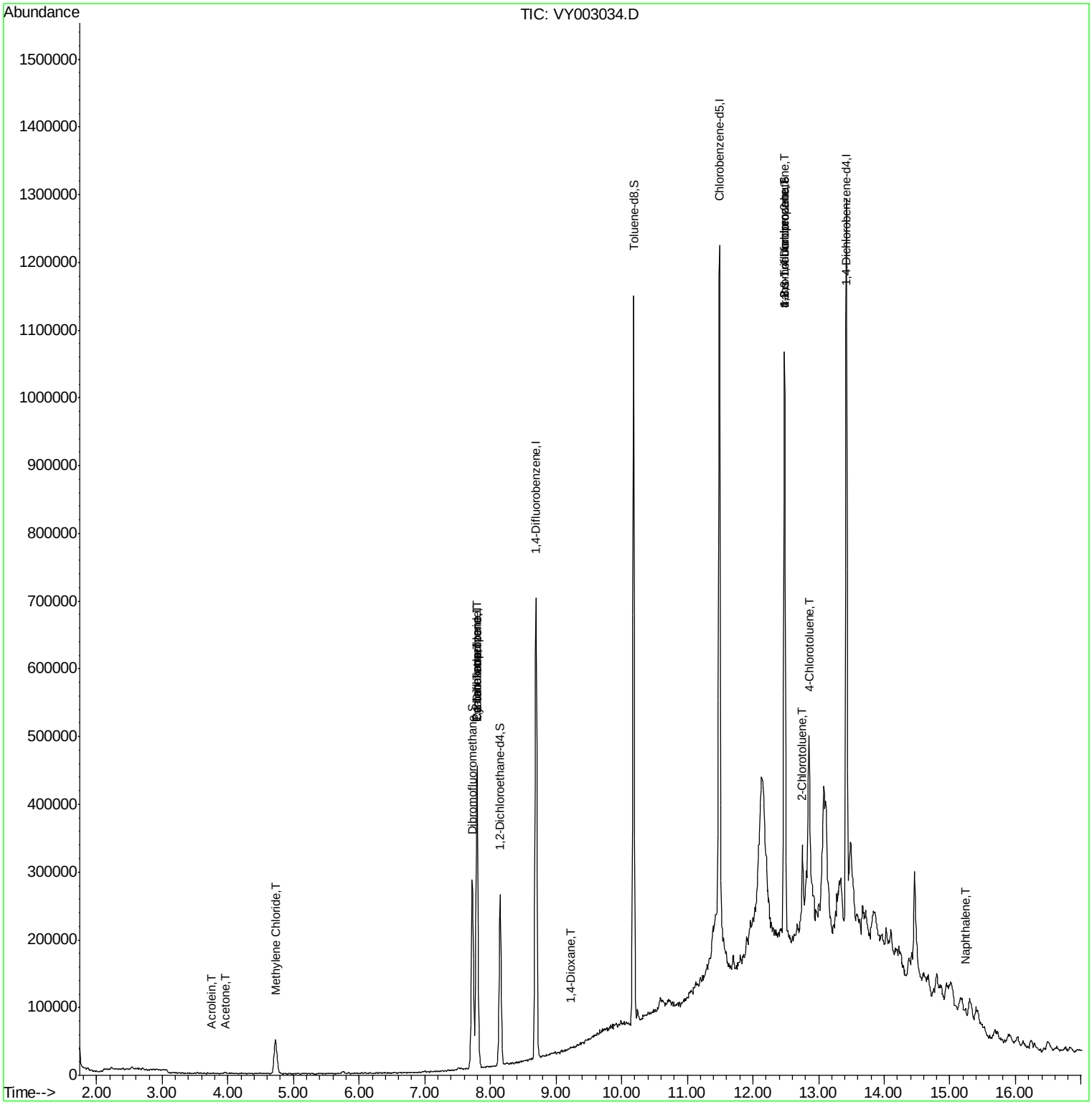
(#) = qualifier out of range (m) = manual integration (+) = signals summed

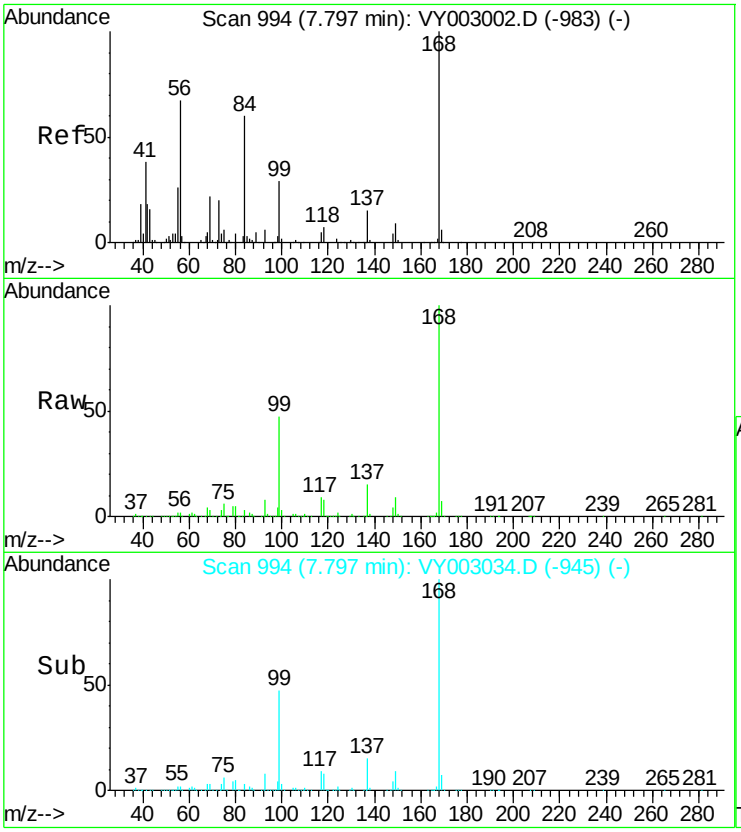
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY063020\
Data File : VY003034.D
Acq On : 30 Jun 2020 14:49
Operator : SY/MD
Sample : L2815-16
Misc : 7.42G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 01 05:13:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration



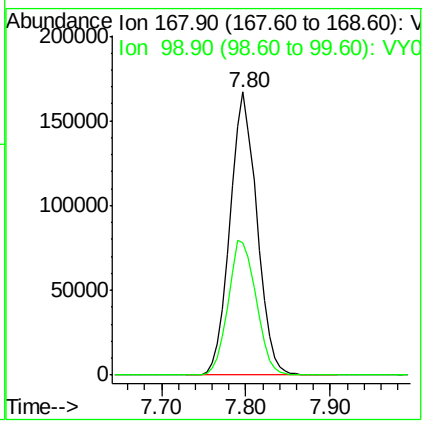


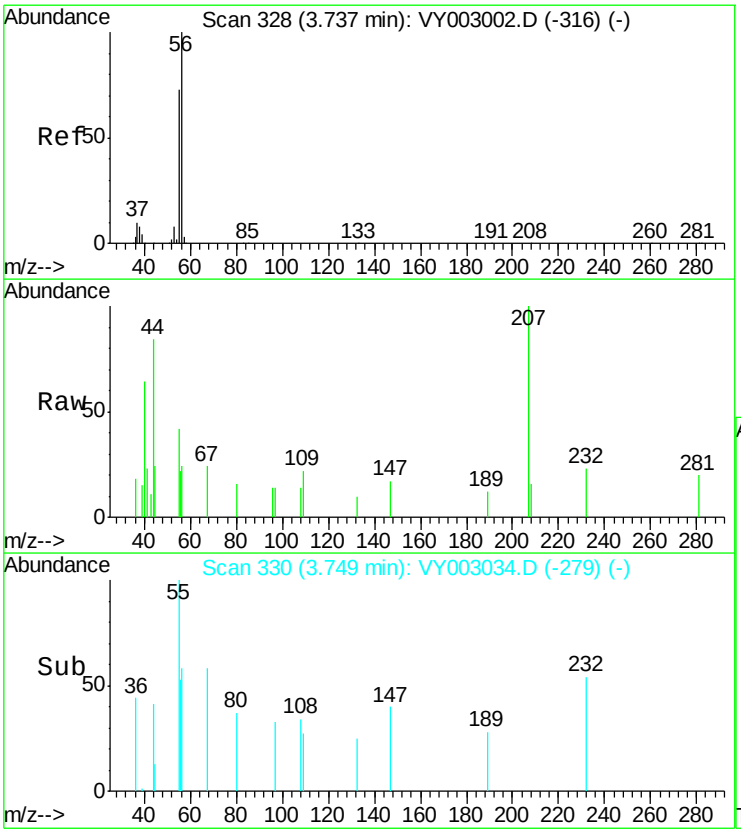
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 360795

Ion	Ratio	Lower	Upper
168	100		
99	46.9	39.2	58.8

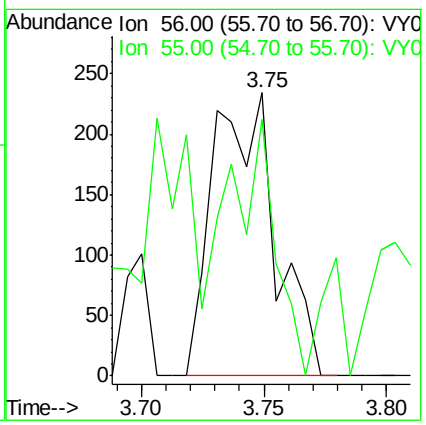


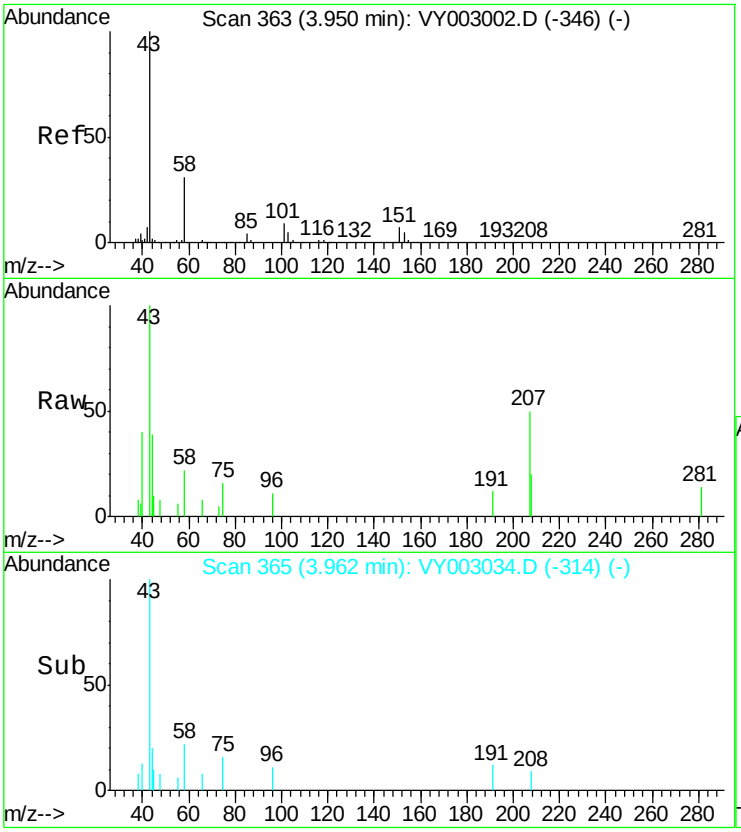


#13
Acrolein
Concen: 1.271 ug/l
RT: 3.75 min Scan# 330
Delta R.T. 0.01 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion: 56 Resp: 417

Ion	Ratio	Lower	Upper
56	100		
55	69.1	56.4	84.6



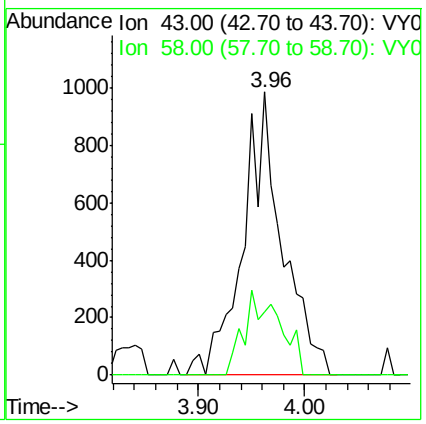


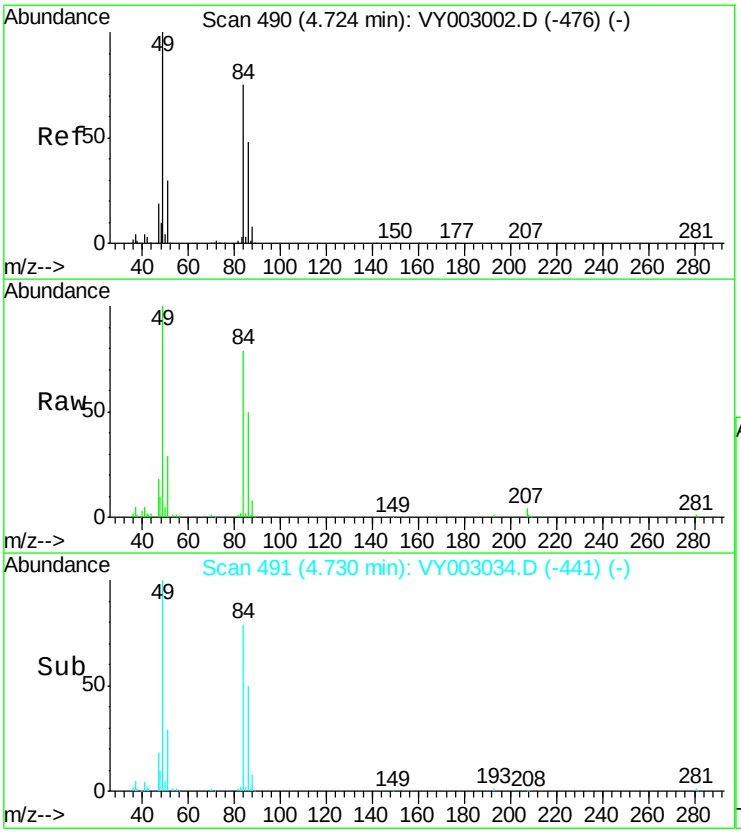
#16
Acetone
Concen: 3.017 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2550

Ion	Ratio	Lower	Upper
43	100		
58	22.2	24.7	37.1#

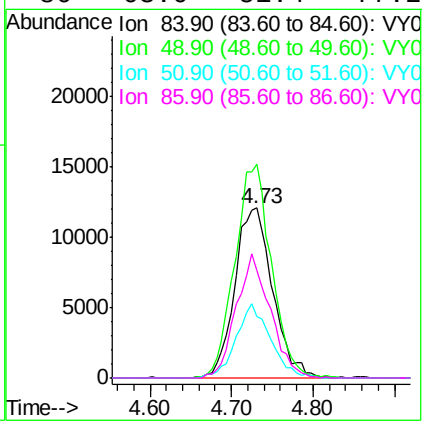


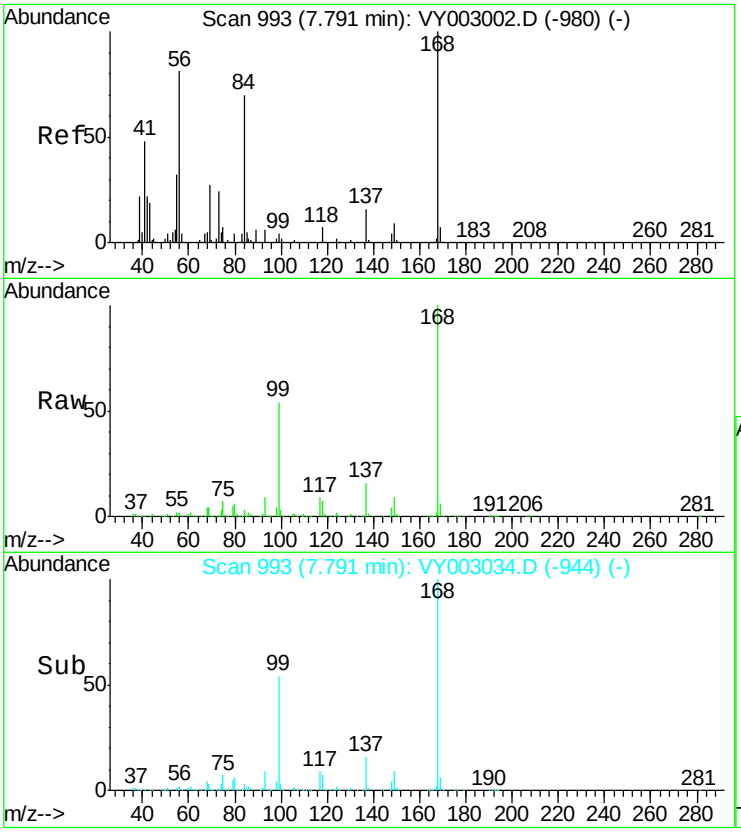


#20
Methylene Chloride
Concen: 3.821 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion: 84 Resp: 38692

Ion	Ratio	Lower	Upper
84	100		
49	125.8	106.8	160.2
51	36.5	32.0	48.0
86	63.0	51.4	77.2



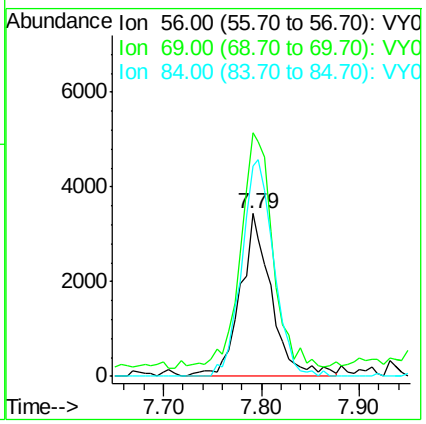


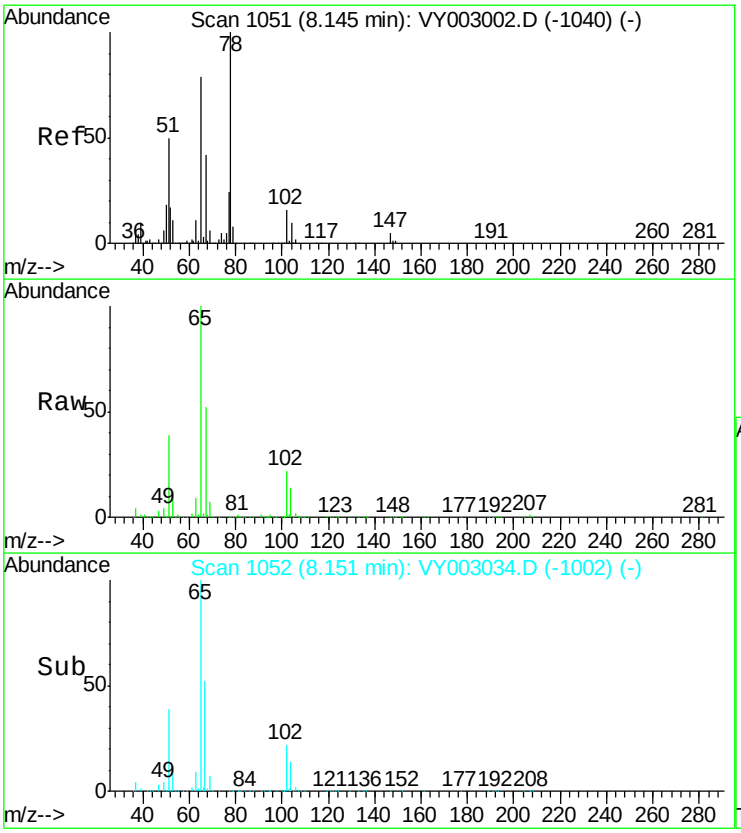
#31
Cyclohexane
Concen: 1.205 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 7596

Ion	Ratio	Lower	Upper
56	100		
69	143.7	27.0	40.4#
84	135.2	68.1	102.1#

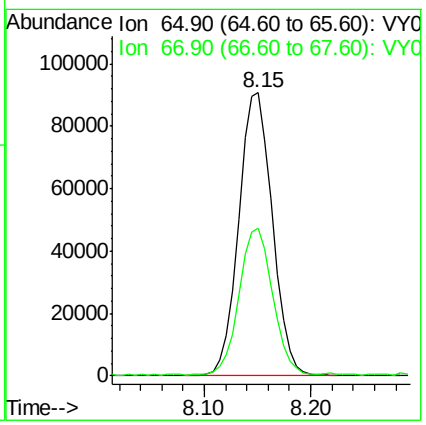


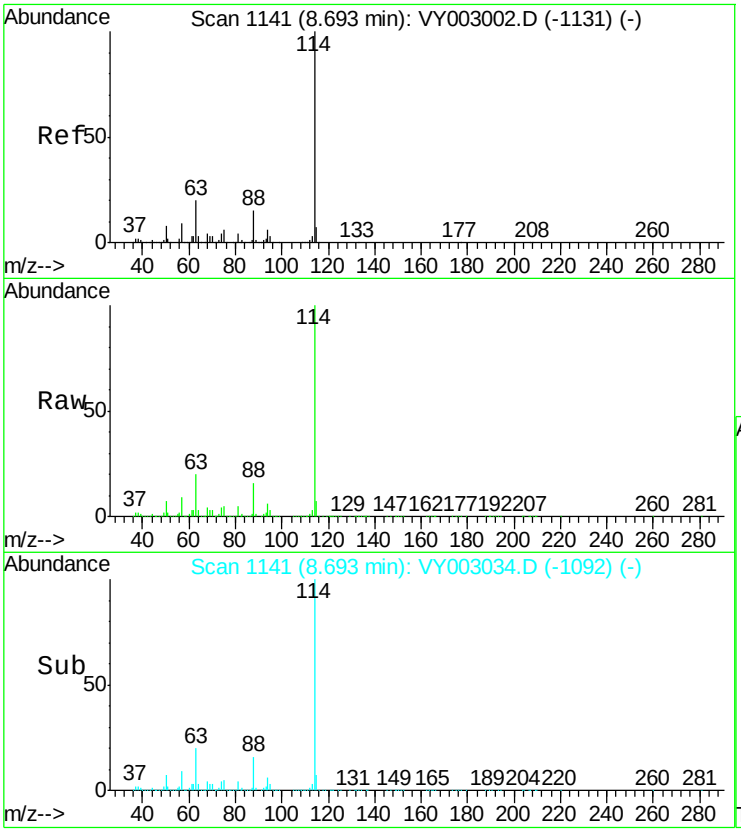


#33
1,2-Dichloroethane-d4
Concen: 56.313 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion: 65 Resp: 201795

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.6



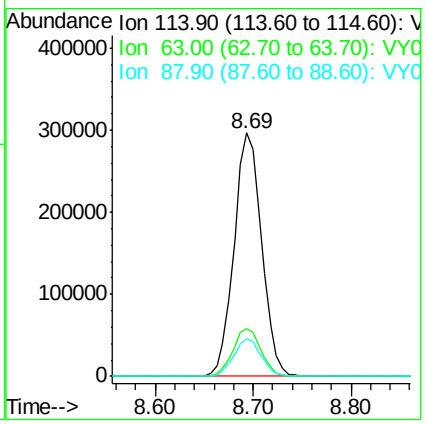


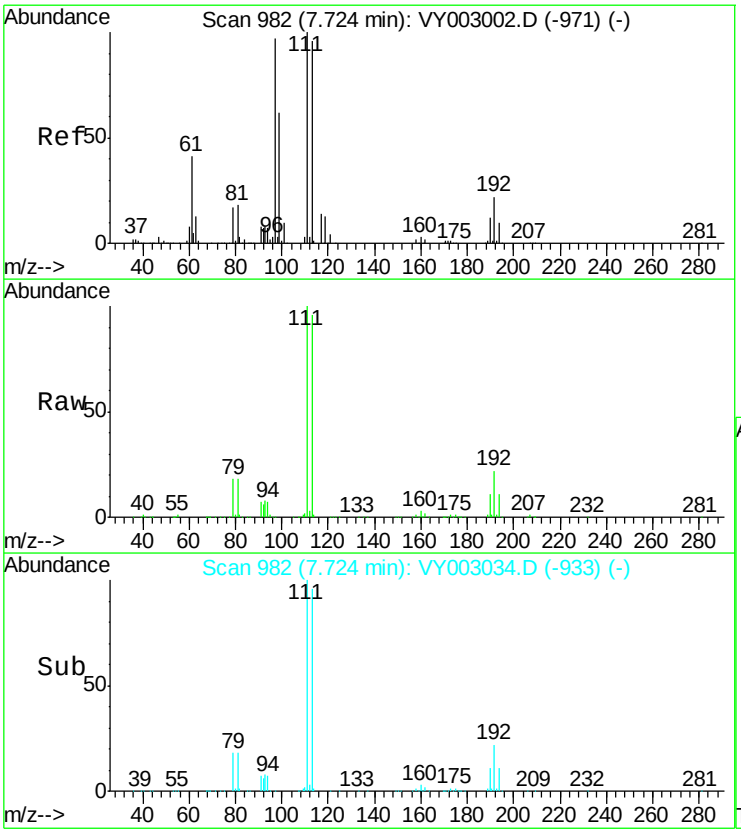
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 580853

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.6
88	15.7	0.0	30.0

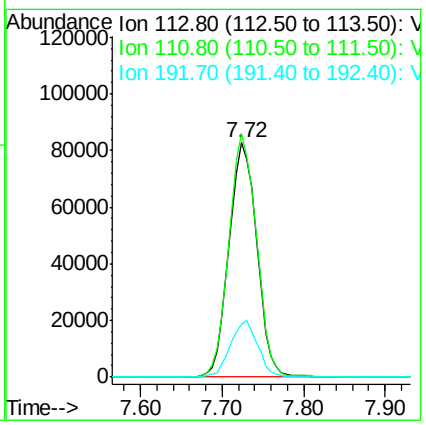


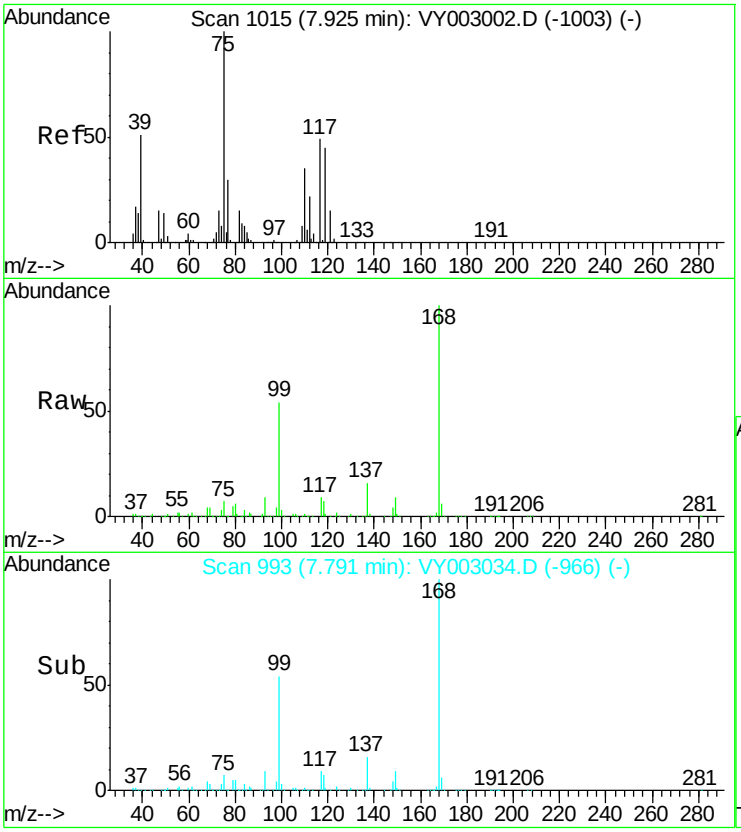


#35
Dibromofluoromethane
Concen: 53.715 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion:113 Resp: 194633

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	23.7	18.1	27.1



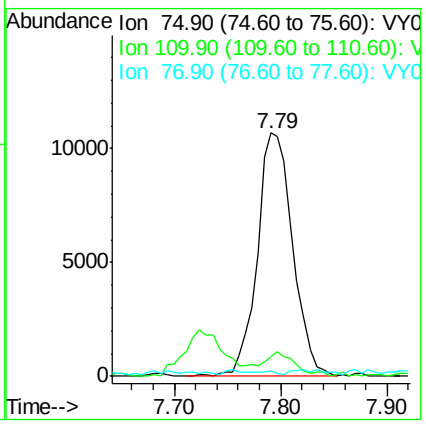


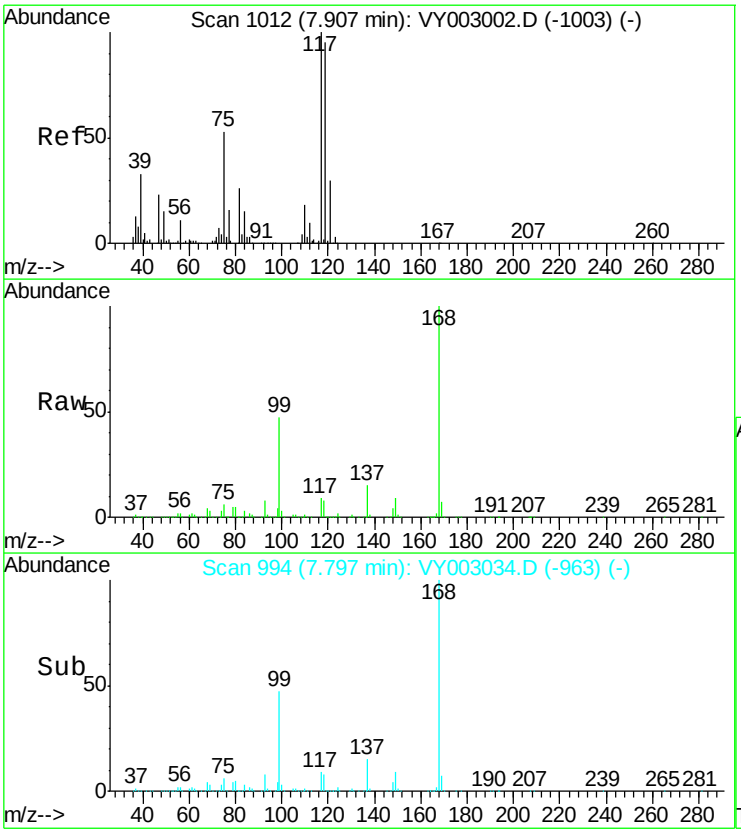
#36
1,1-Dichloropropene
Concen: 4.439 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 24839

Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.1	51.2#
77	0.7	24.9	37.3#

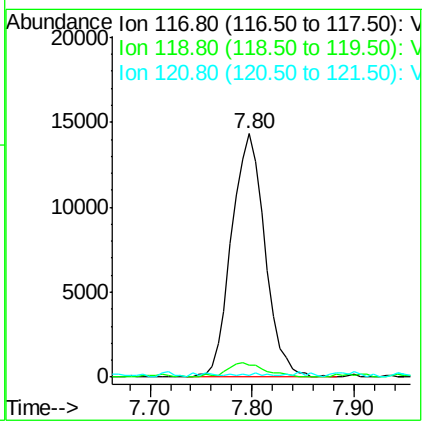


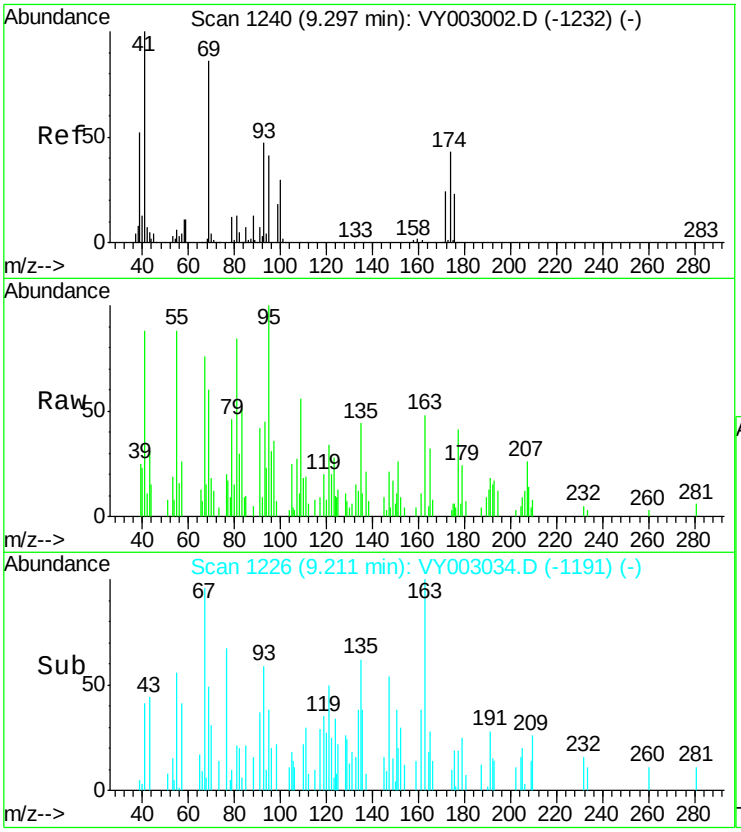


#38
Carbon Tetrachloride
Concen: 5.583 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion:117 Resp: 32502

Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.7	113.5#
121	0.9	23.9	35.9#



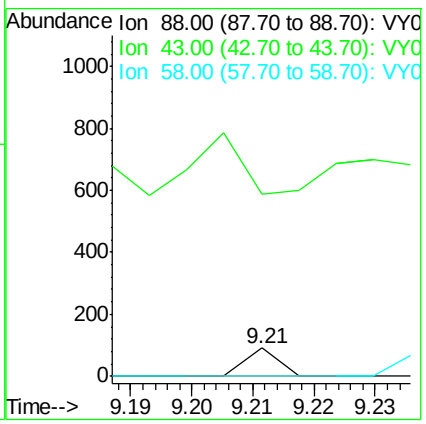


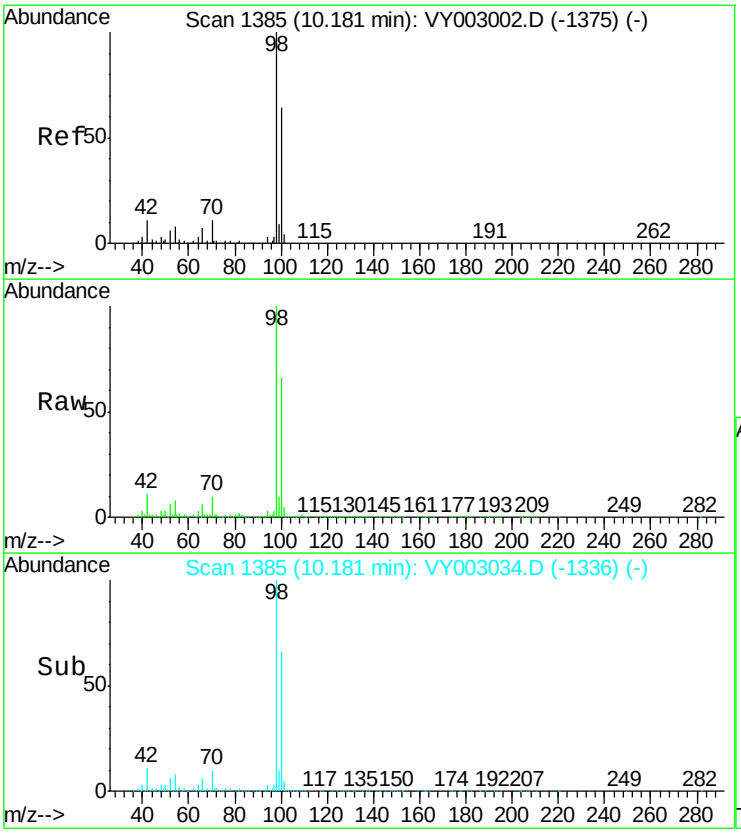
#49
1,4-Dioxane
Concen: 1.175 ug/l
RT: 9.21 min Scan# 1226
Delta R.T. -0.09 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 33

Ion	Ratio	Lower	Upper
88	100		
43	1390.9	28.6	42.8#
58	0.0	56.7	85.1#

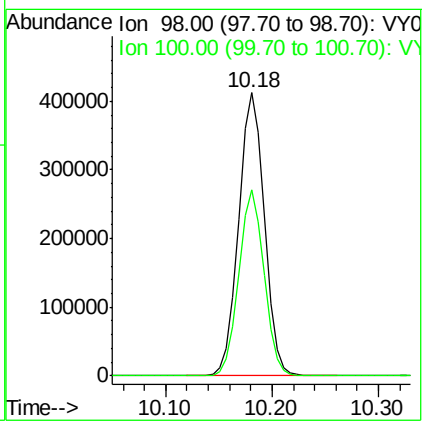


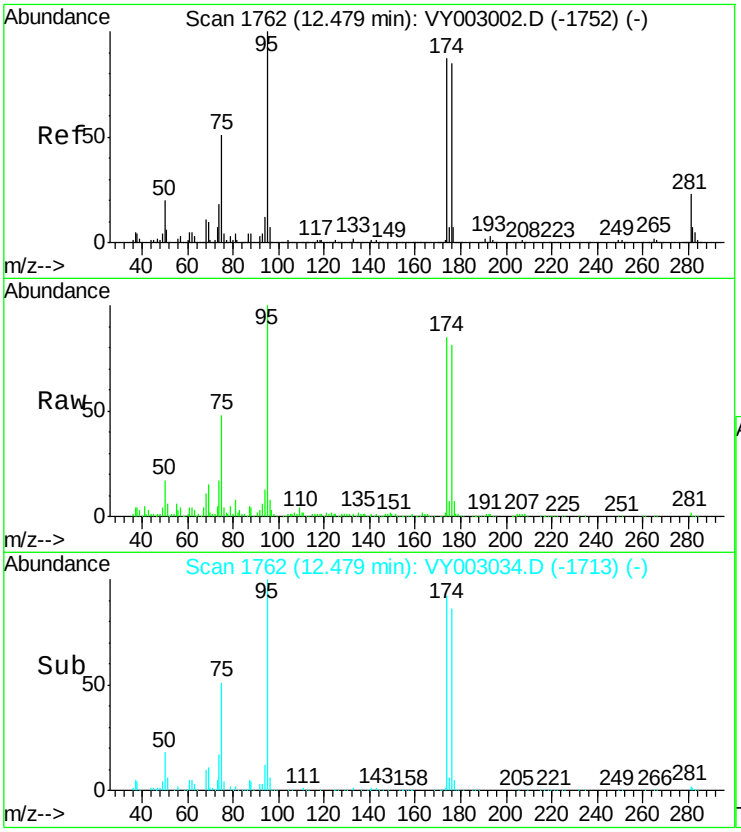


#50
Toluene-d8
Concen: 51.933 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion: 98 Resp: 701048

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.1	76.7



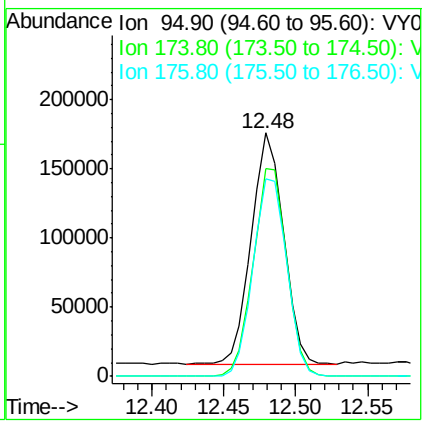


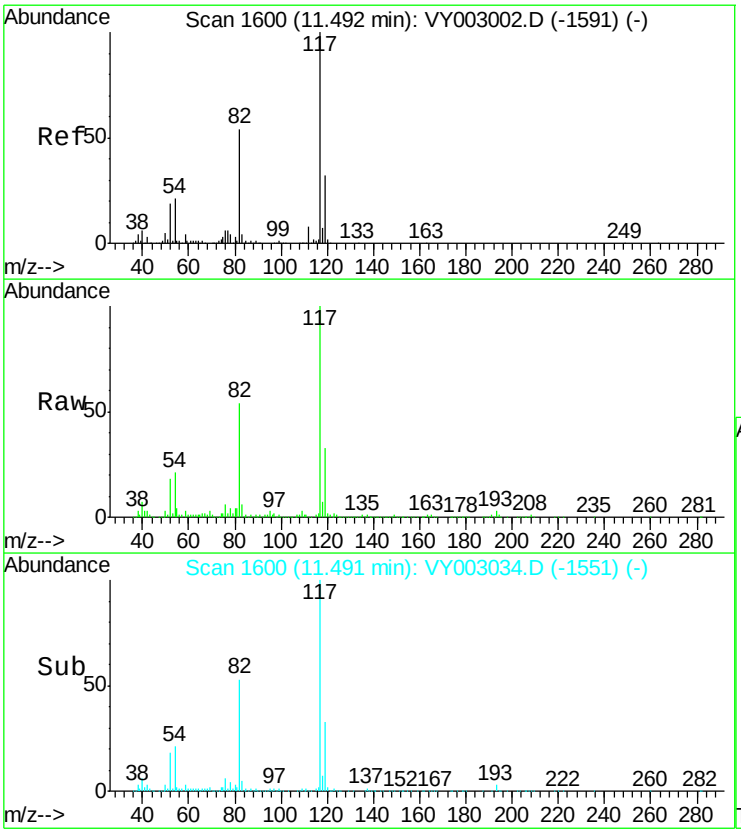
#62
4-Bromofluorobenzene
Concen: 54.589 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 259390

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	184.8
176	88.5	0.0	183.0

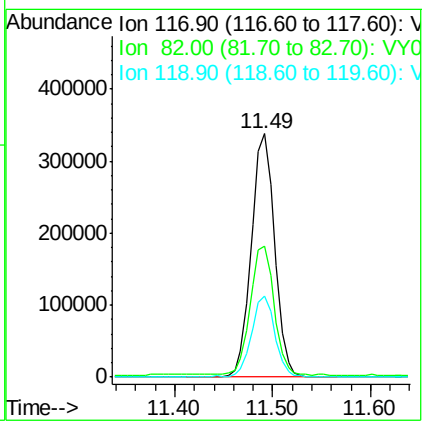


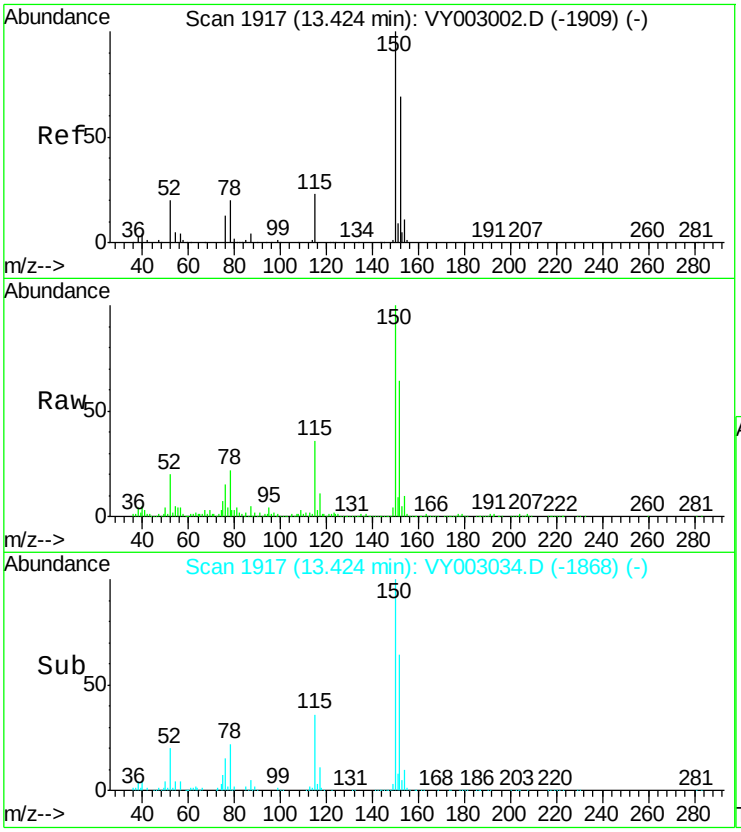


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion:117 Resp: 556687

Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.6
119	32.9	25.8	38.8



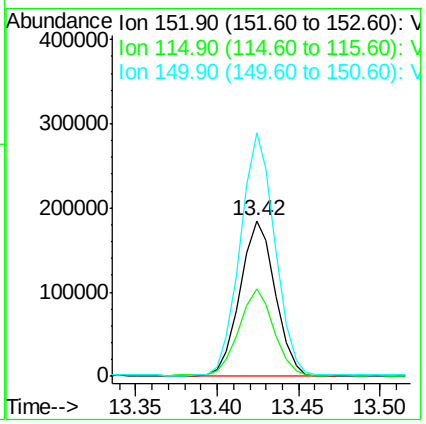


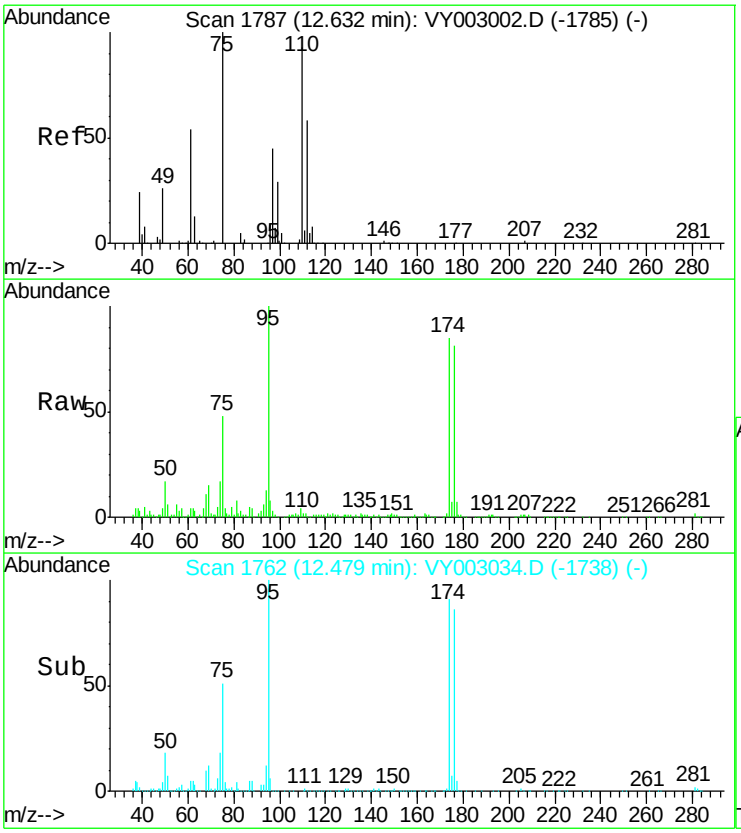
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 276842

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.3	81.9
150	155.2	0.0	343.4

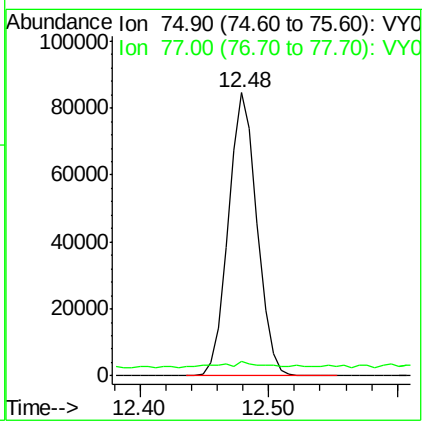


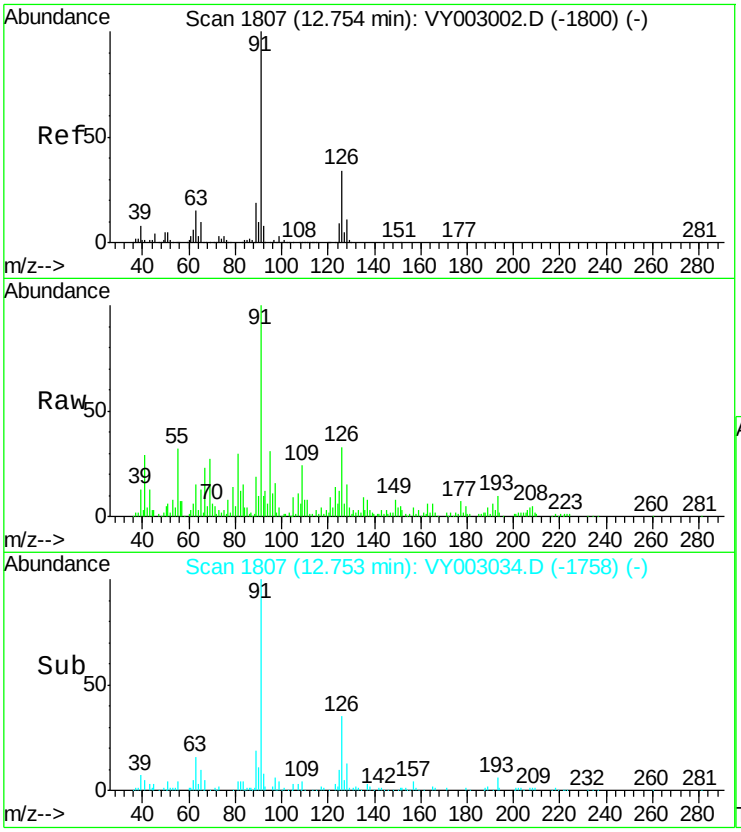


#76
1,2,3-Trichloropropane
Concen: 47.880 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion: 75 Resp: 131187

Ion	Ratio	Lower	Upper
75	100		
77	2.4	0.0	0.0#



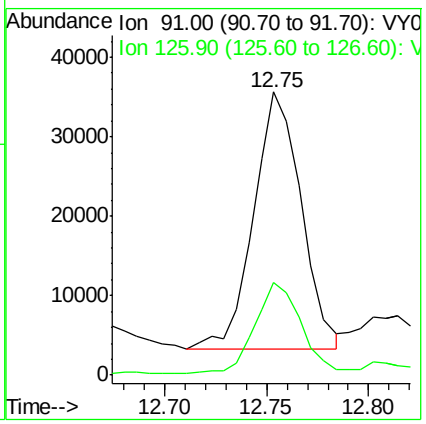


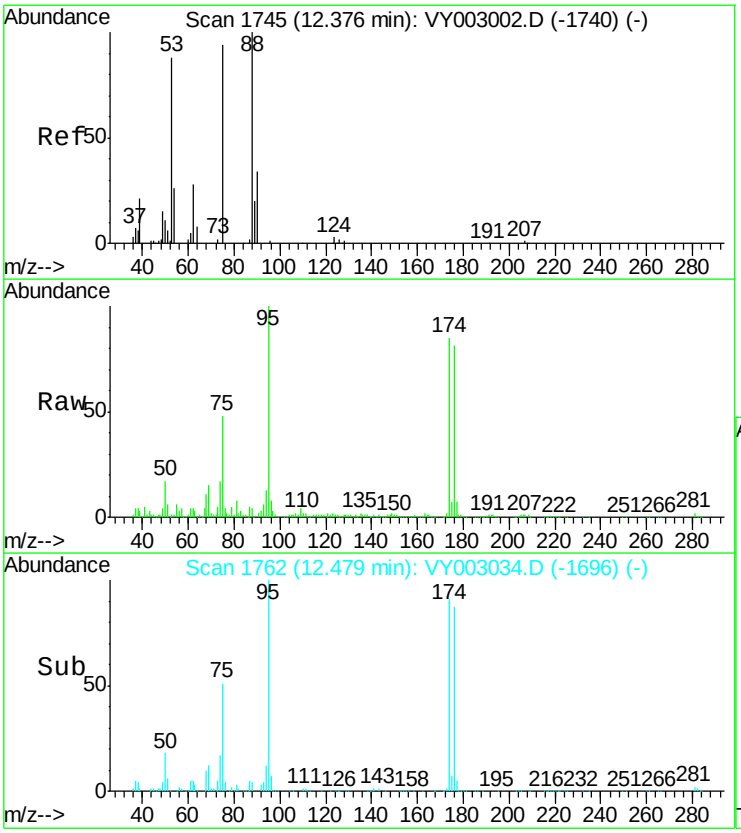
#79
2-Chlorotoluene
Concen: 4.312 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 52445

Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.1	51.3

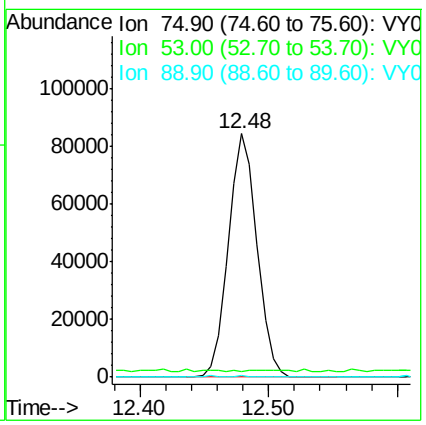


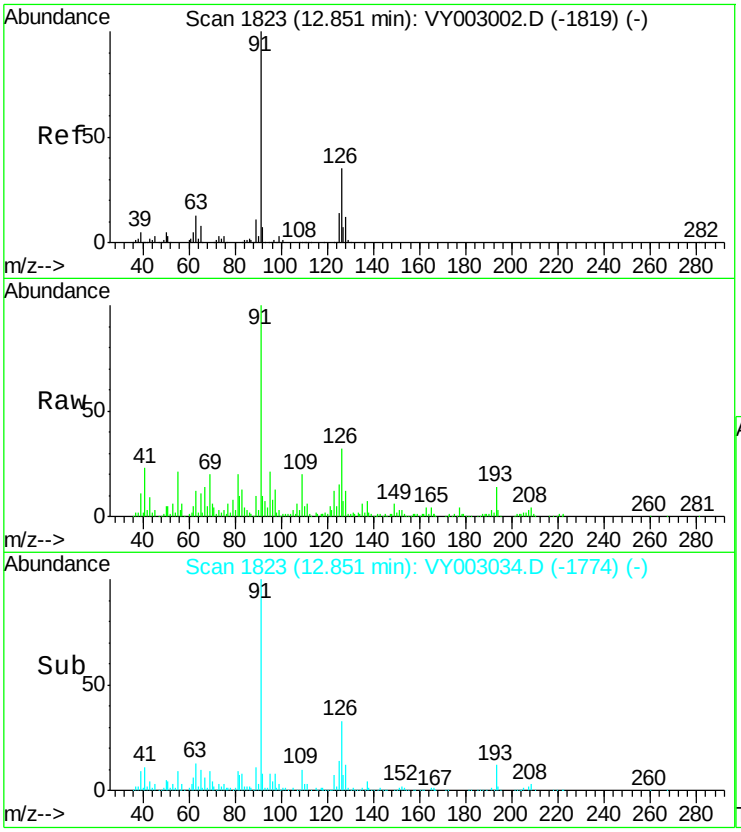


#81
trans-1,4-Dichloro-2-butene
Concen: 93.155 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion: 75 Resp: 131187

Ion	Ratio	Lower	Upper
75	100		
53	0.5	73.9	110.9#
89	0.2	37.5	56.3#



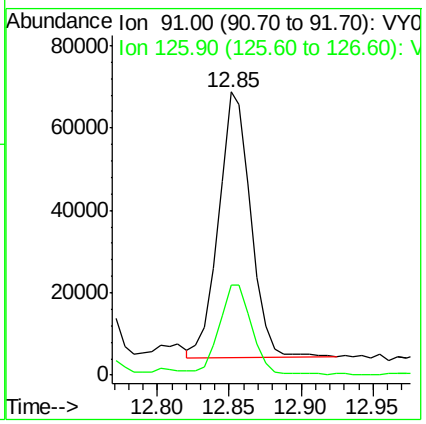


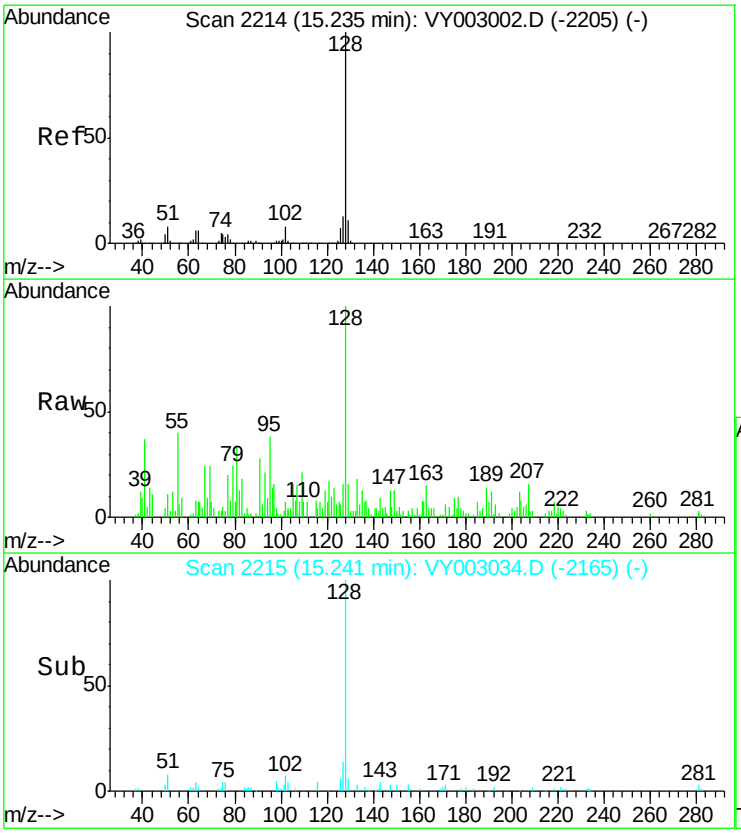
#82
4-Chlorotoluene
Concen: 7.984 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 101103

Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.4	52.3





#95
Naphthalene
Concen: 1.079 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion:128 Resp: 11397

Ion	Ratio	Lower	Upper
128	100		
127	19.9	10.8	16.2#
129	12.6	8.8	13.2