Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061820\
Data File : VY002927.D
Acq On : 18 Jun 2020 18:23
Operator : SY/MD
Sample : L3034-04
Misc : 7.38G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Jun 19 05:07:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	220660	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.70	114	362340	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	357470	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173579	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	111187	58.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.06%				
35) Dibromofluoromethane	7.72	113	98085	46.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.38%				
50) Toluene-d8	10.18	98	438435	51.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.12%				
62) 4-Bromofluorobenzene	12.48	95	152034	51.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.62%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.97	59	53	Below Cal		#	74
16) Acetone	3.96	43	13570	30.205	ug/l		94
17) Carbon Disulfide	4.20	76	16433	2.897	ug/l	#	94
18) Methyl Acetate	4.49	43	215	Below Cal		#	48
20) Methylene Chloride	4.73	84	11130	5.069	ug/l		95
25) 2-Butanone	7.00	43	3068	4.383	ug/l		96
31) Cyclohexane	7.80	56	3429	1.055	ug/l	#	1
36) 1,1-Dichloropropene	7.80	75	13821	4.528	ug/l	#	49
37) Ethyl Acetate	7.00	43	3068	1.847	ug/l	#	67
38) Carbon Tetrachloride	7.80	117	19588	5.777	ug/l	#	17
68) m/p-Xylenes	11.70	106	15131	3.186	ug/l		100
69) o-Xylene	12.03	106	9381	2.092	ug/l		95
76) 1,2,3-Trichloropropane	12.48	75	72747	46.512	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	72747	87.628	ug/l	#	17

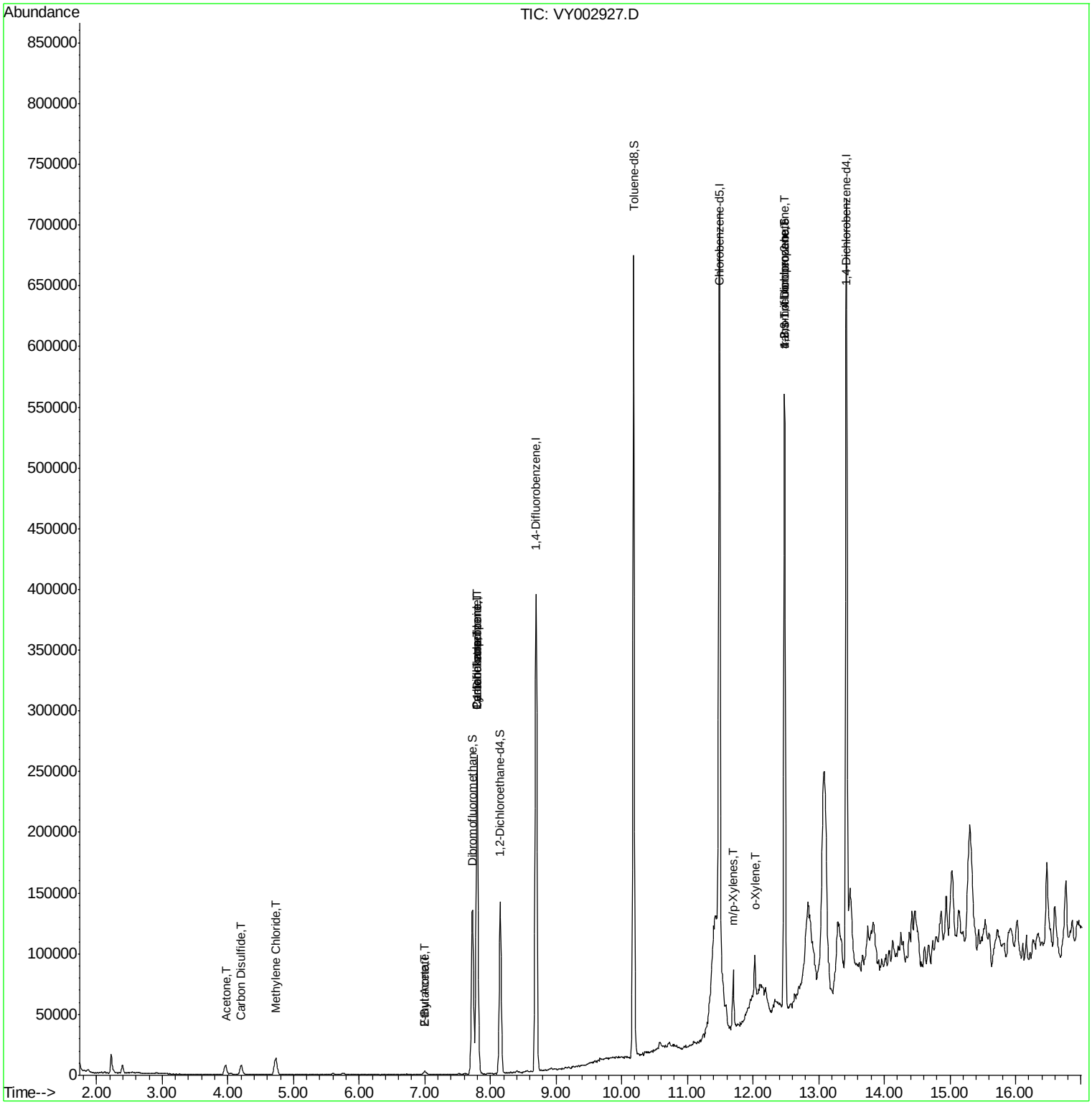
(#) = qualifier out of range (m) = manual integration (+) = signals summed

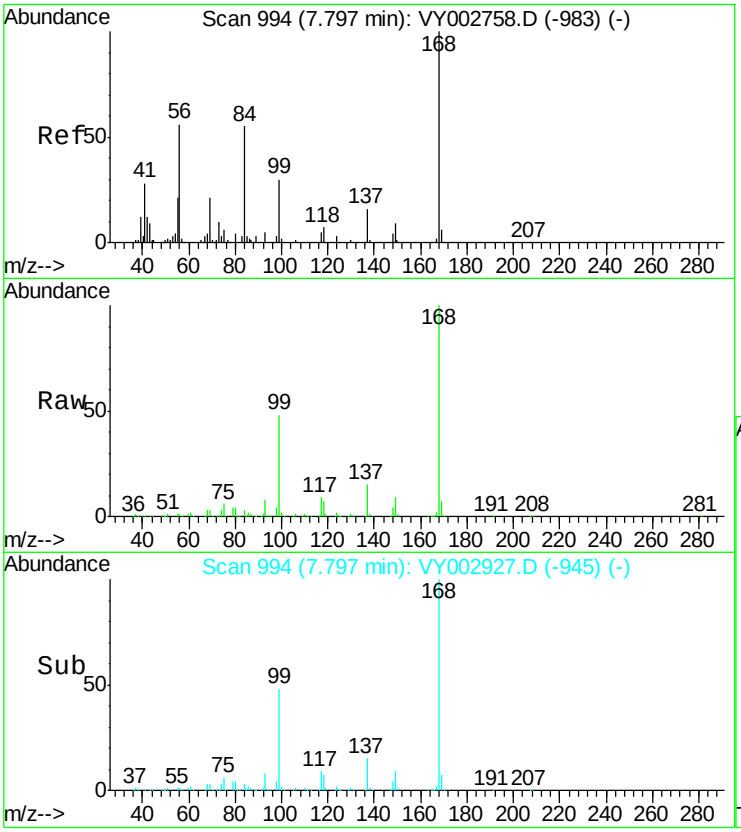
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061820\
Data File : VY002927.D
Acq On : 18 Jun 2020 18:23
Operator : SY/MD
Sample : L3034-04
Misc : 7.38G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 19 05:07:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

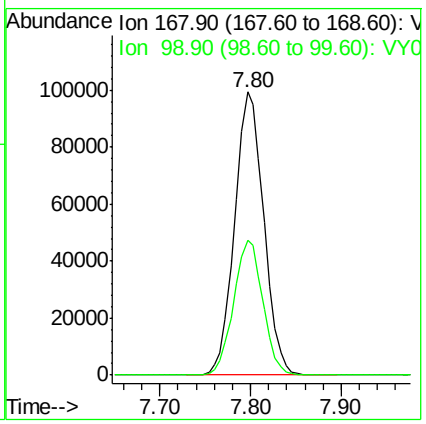




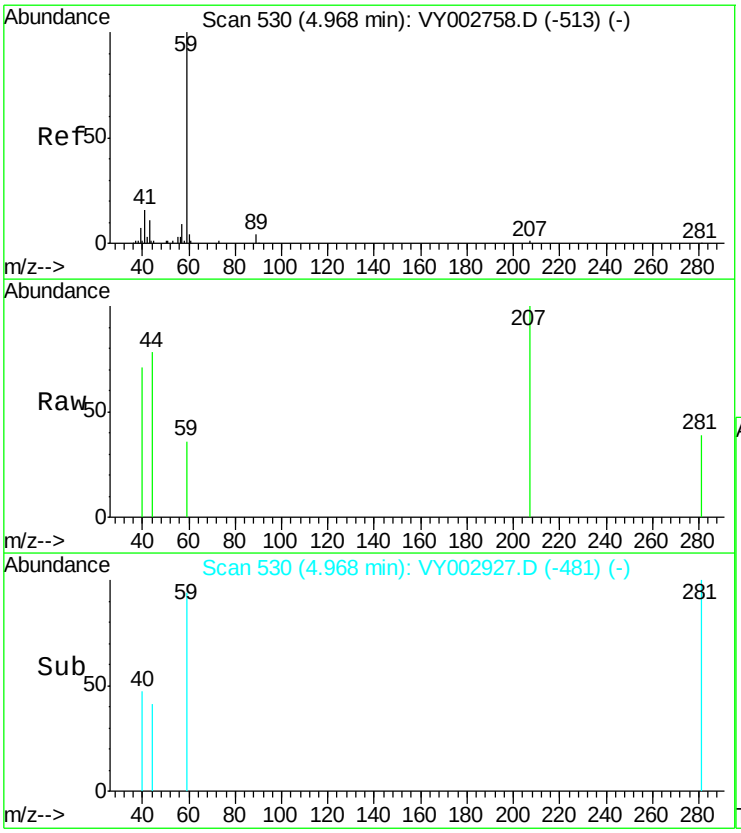
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Tgt Ion:168 Resp: 220660

Ion	Ratio	Lower	Upper
168	100		
99	47.9	39.0	58.4



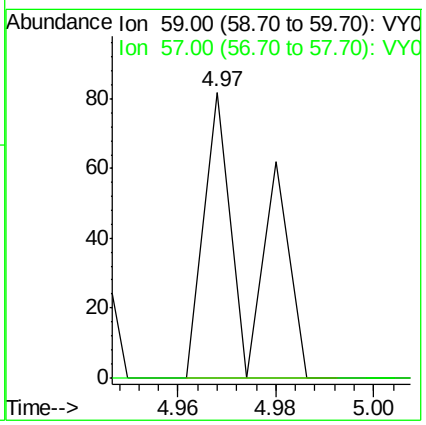
Instrument :
MSVOA_Y
ClientSampleId :

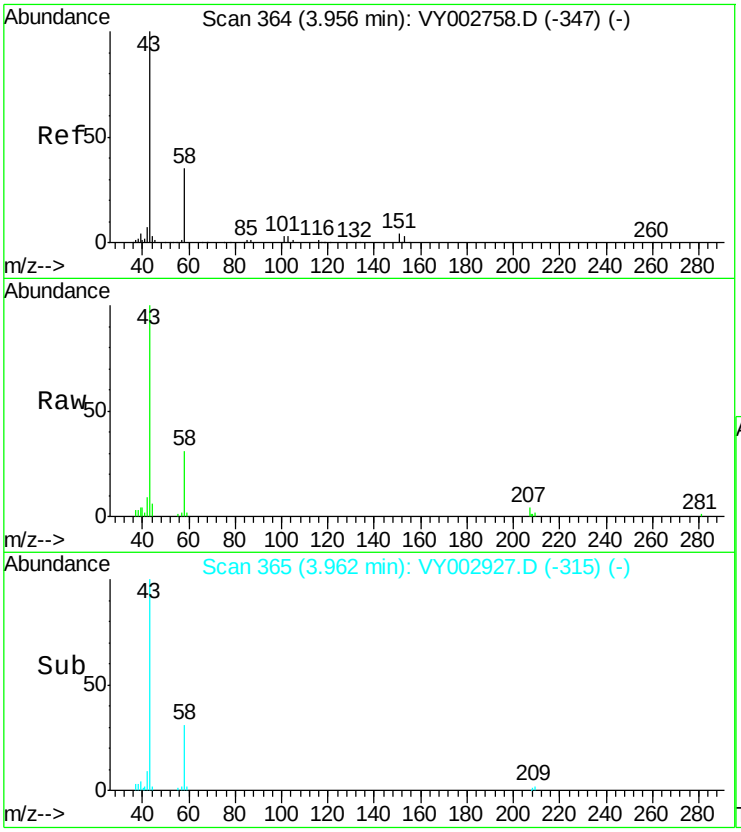


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Tgt Ion: 59 Resp: 53

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#



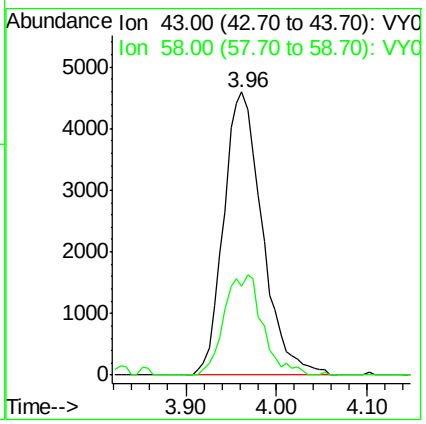


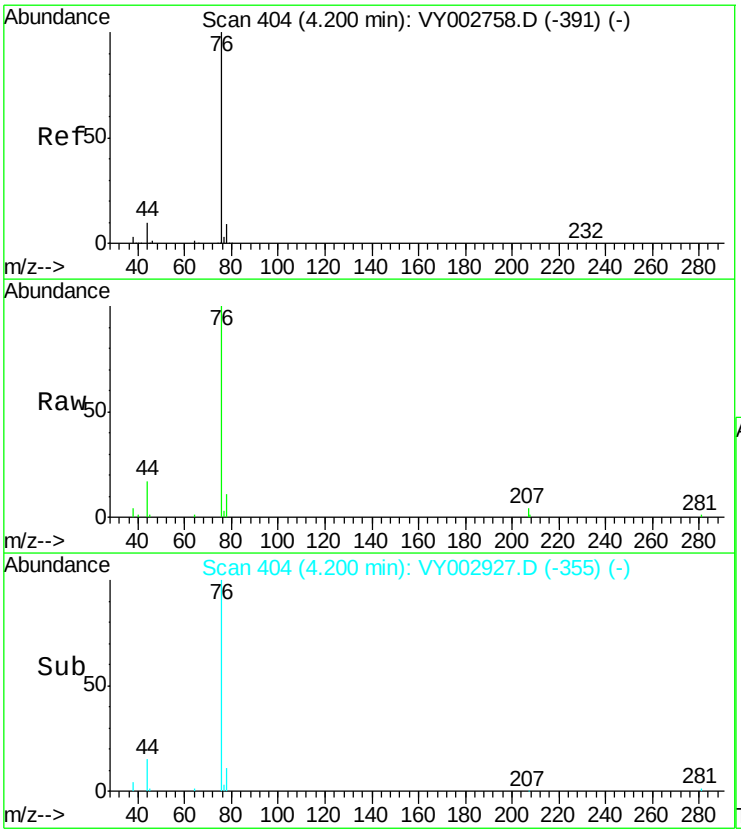
#16
Acetone
Concen: 30.205 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 13570

Ion	Ratio	Lower	Upper
43	100		
58	31.4	27.7	41.5

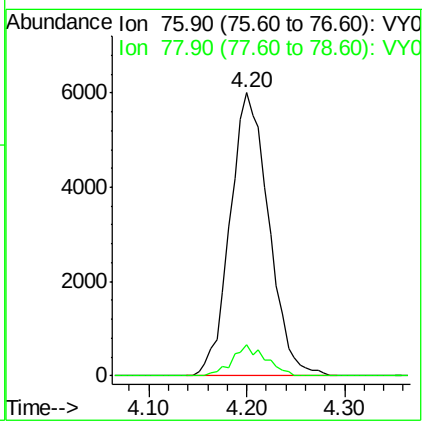


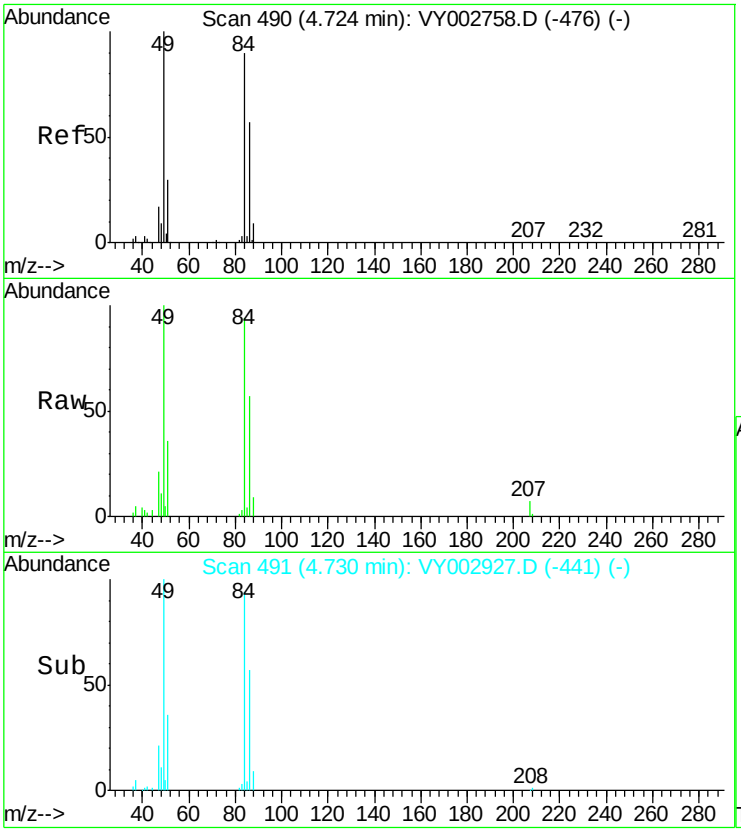


#17
Carbon Disulfide
Concen: 2.897 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Tgt Ion: 76 Resp: 16433

Ion	Ratio	Lower	Upper
76	100		
78	10.9	6.9	10.3#



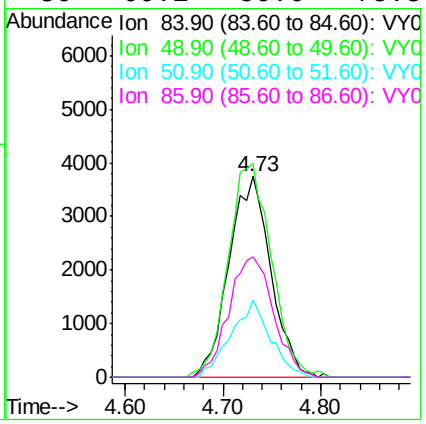


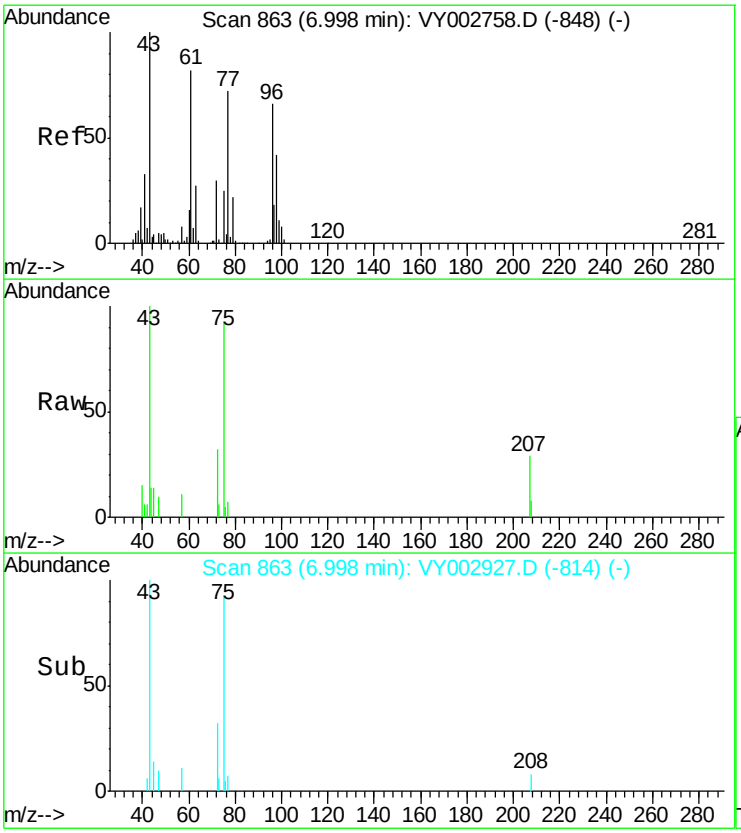
#20
Methylene Chloride
Concen: 5.069 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 11130

Ion	Ratio	Lower	Upper
84	100		
49	106.4	88.5	132.7
51	38.5	26.8	40.2
86	60.1	50.6	75.8

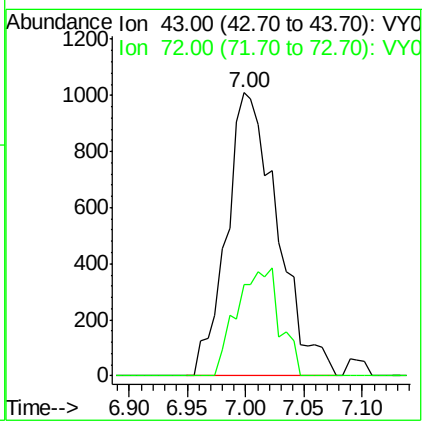


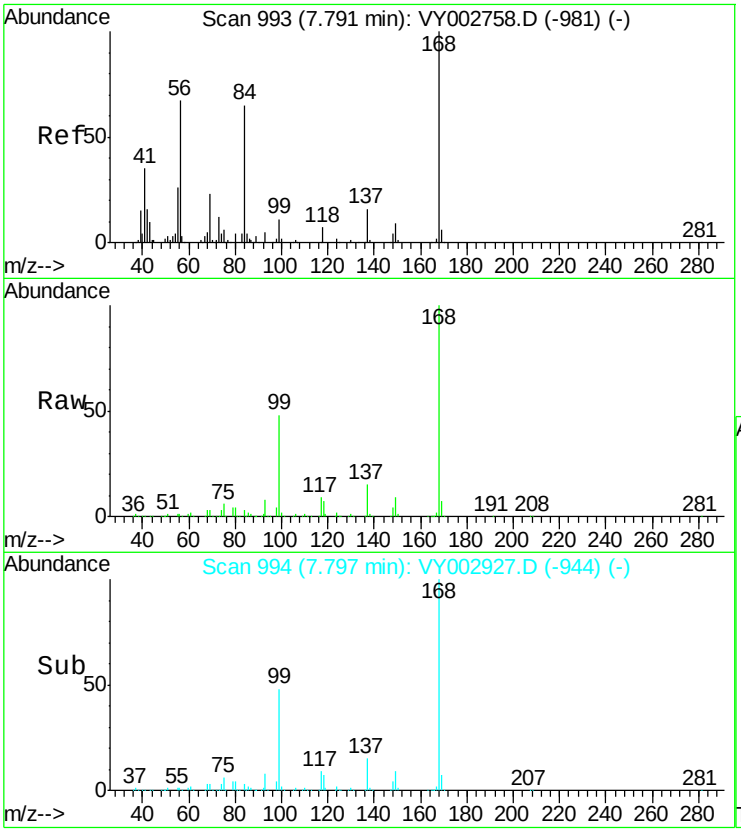


#25
2-Butanone
Concen: 4.383 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Tgt Ion: 43 Resp: 3068

Ion	Ratio	Lower	Upper
43	100		
72	32.2	23.9	35.9



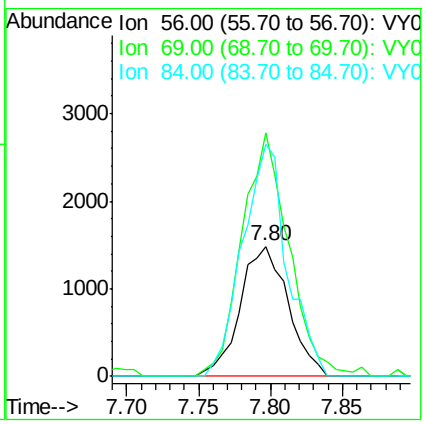


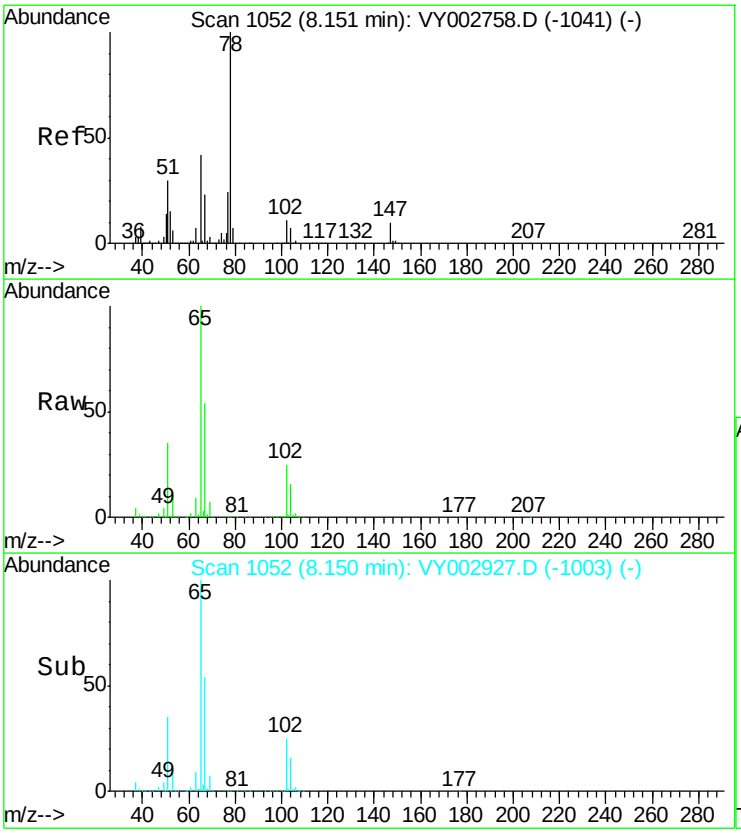
#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 3429

Ion	Ratio	Lower	Upper
56	100		
69	187.5	28.0	42.0#
84	179.2	77.7	116.5#

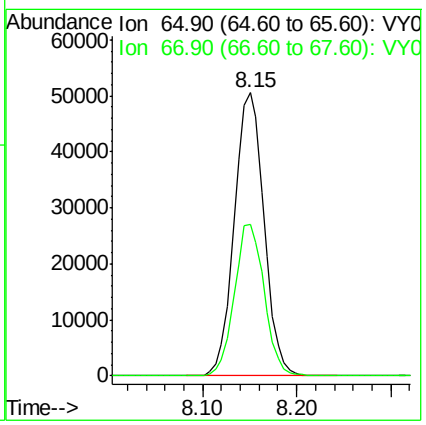


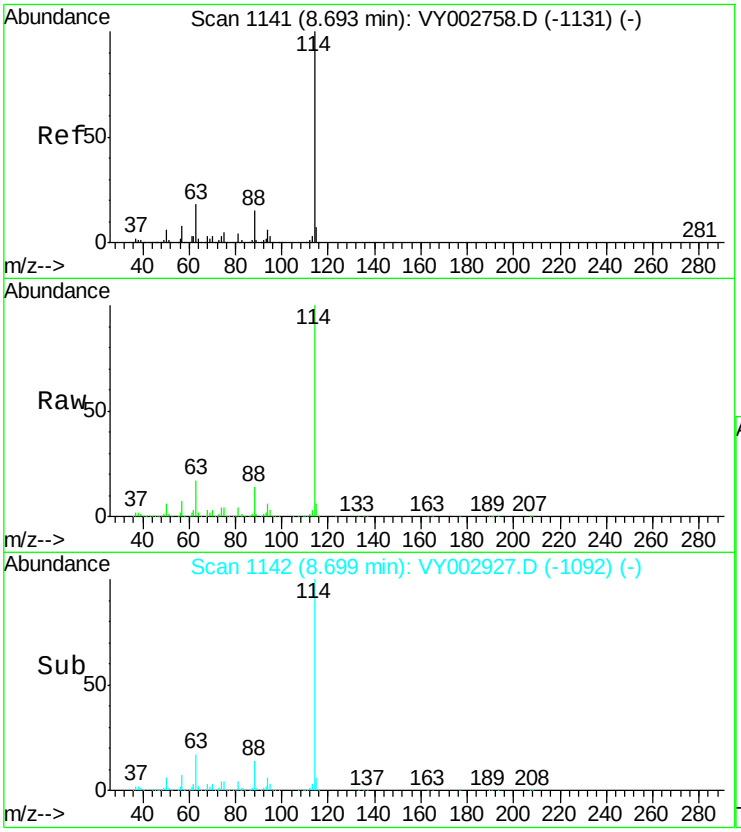


#33
1,2-Dichloroethane-d4
Concen: 58.032 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Tgt Ion: 65 Resp: 111187

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	111.0



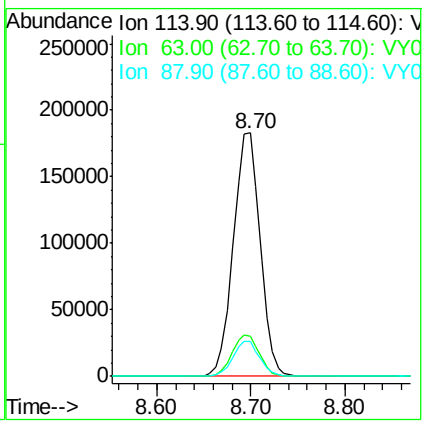


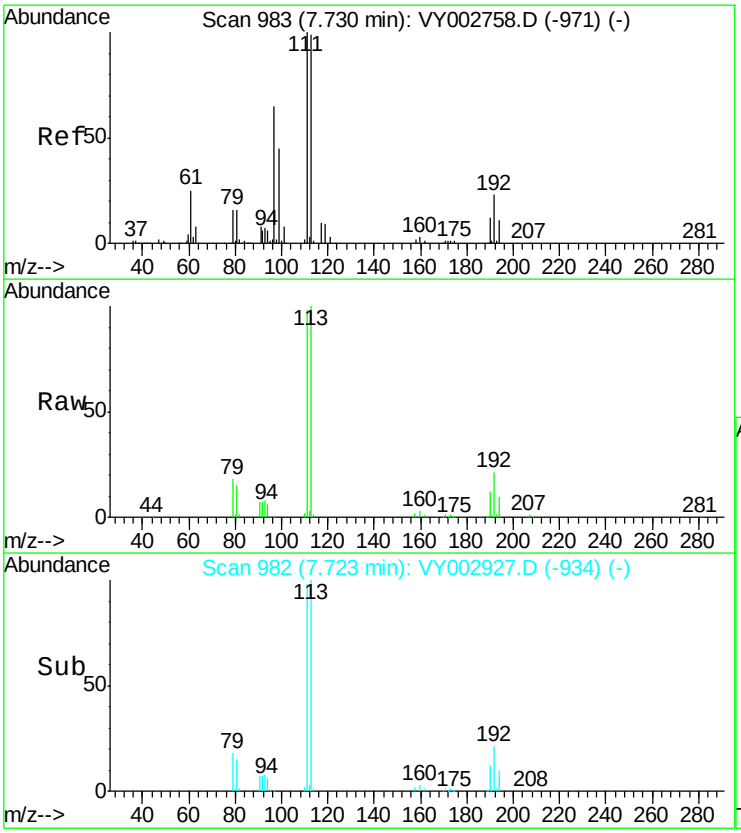
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 362340

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	35.2
88	14.2	0.0	29.2

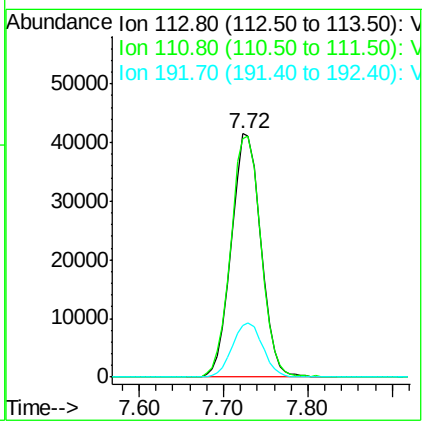


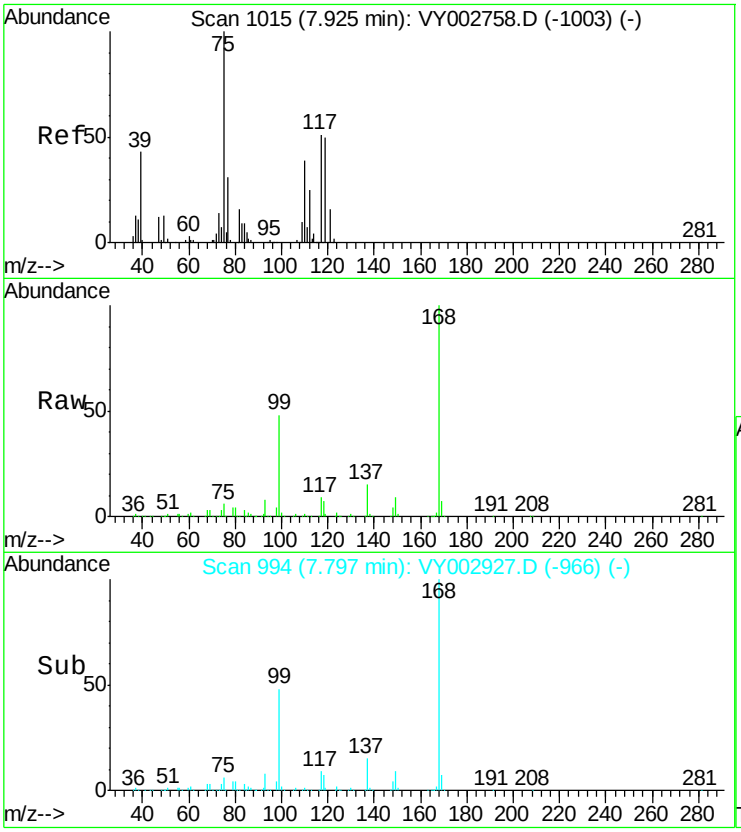


#35
Dibromofluoromethane
Concen: 46.190 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Tgt Ion:113 Resp: 98085

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.0	123.0
192	23.0	18.9	28.3



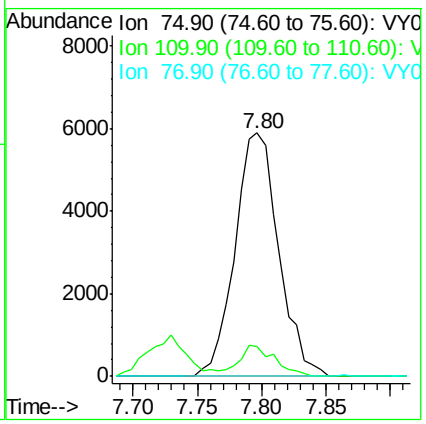


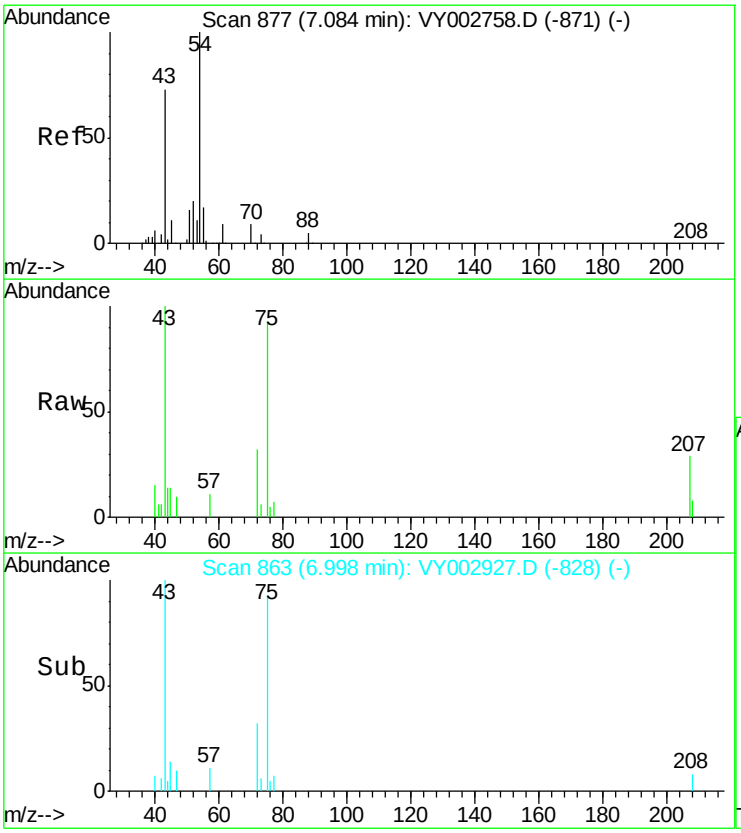
#36
1,1-Dichloropropene
Concen: 4.528 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13821

Ion	Ratio	Lower	Upper
75	100		
110	10.6	19.3	57.9#
77	0.0	24.8	37.2#

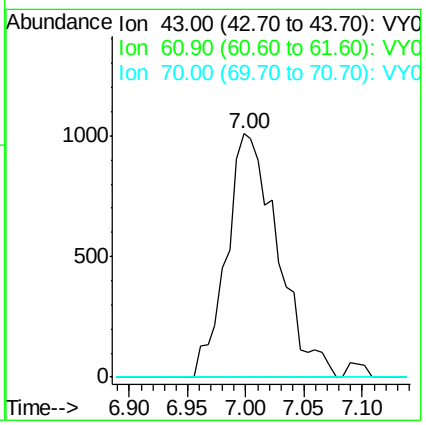


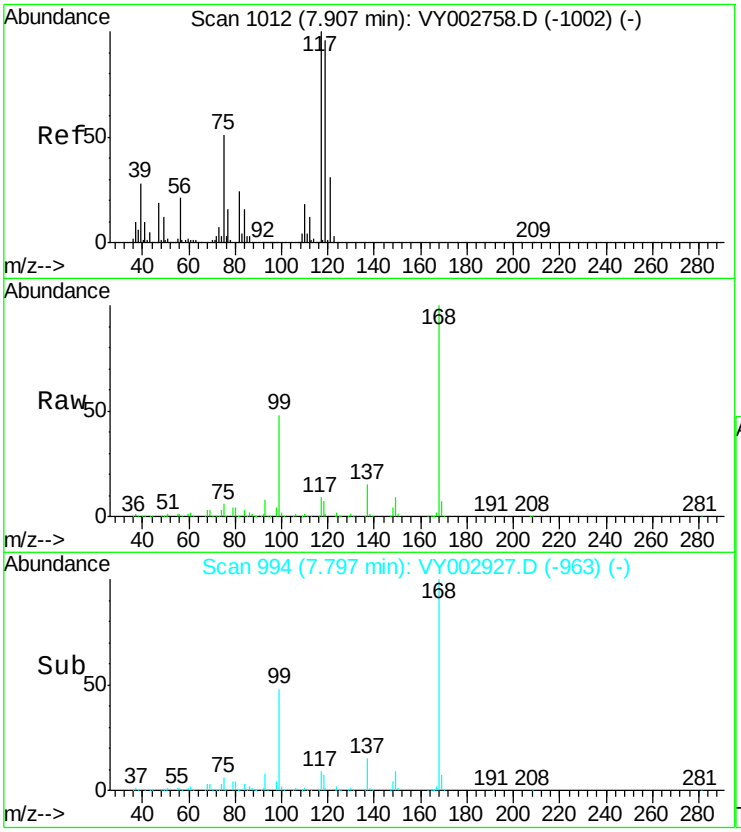


#37
Ethyl Acetate
Concen: 1.847 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.09 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Tgt Ion: 43 Resp: 3068

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.9	17.9#
70	0.0	9.1	13.7#



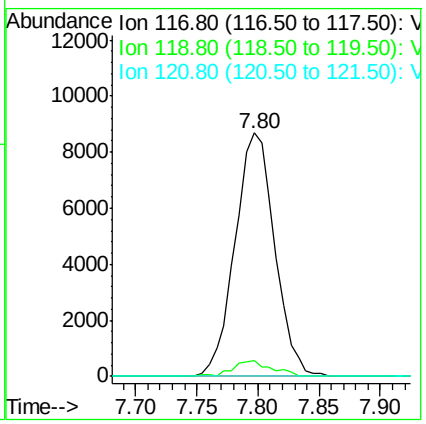


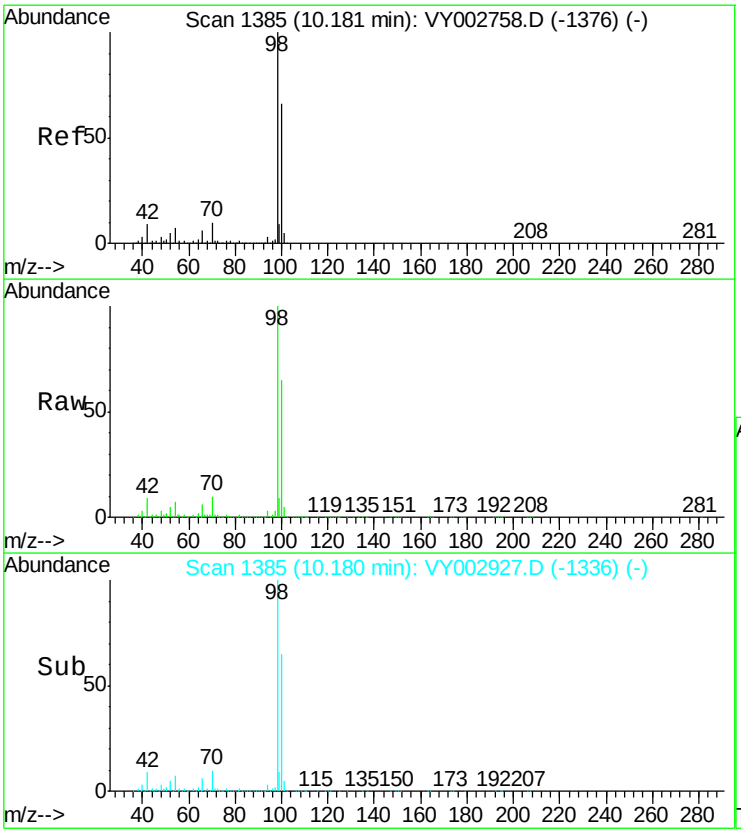
#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 19588

Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.8	115.2#
121	0.0	24.8	37.2#

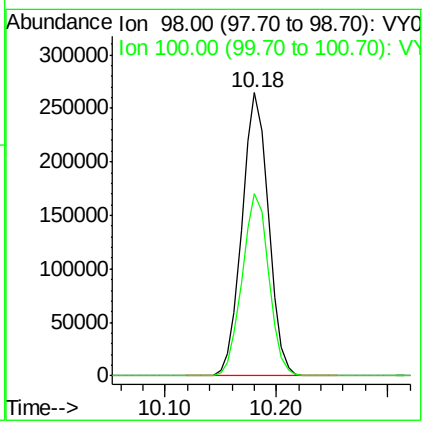


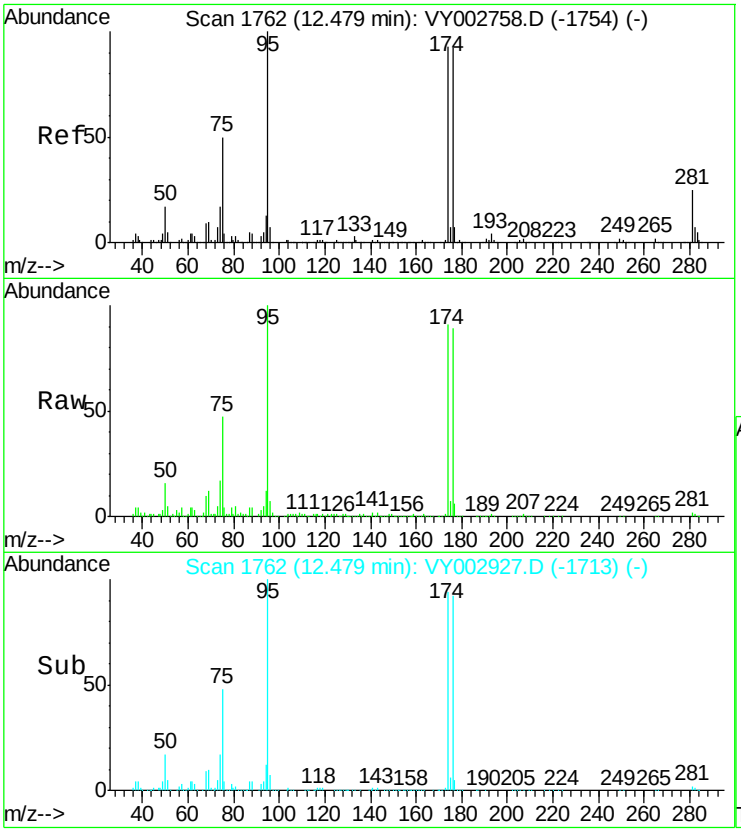


#50
Toluene-d8
Concen: 51.065 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Tgt Ion: 98 Resp: 438435

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2



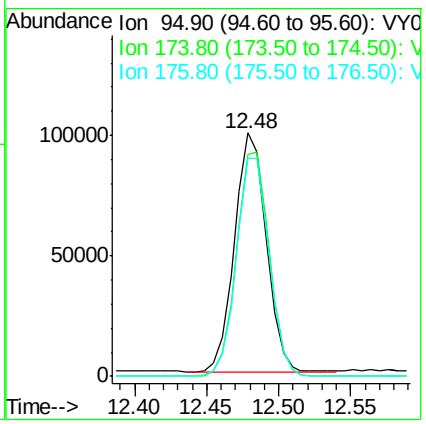


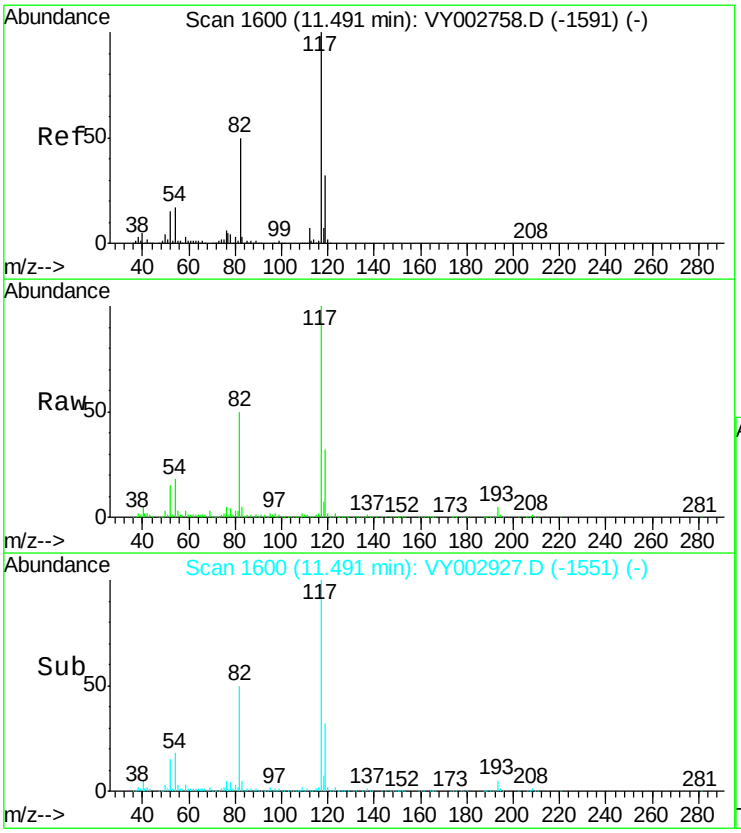
#62
4-Bromofluorobenzene
Concen: 51.814 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 152034

Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	191.2
176	93.8	0.0	188.8

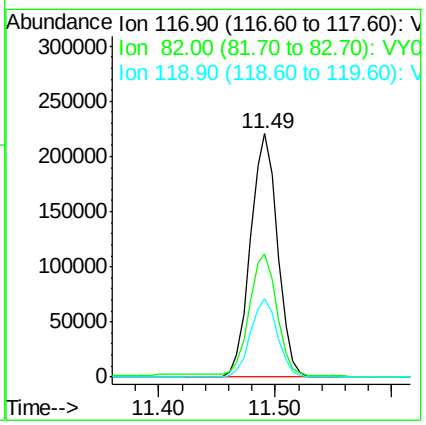


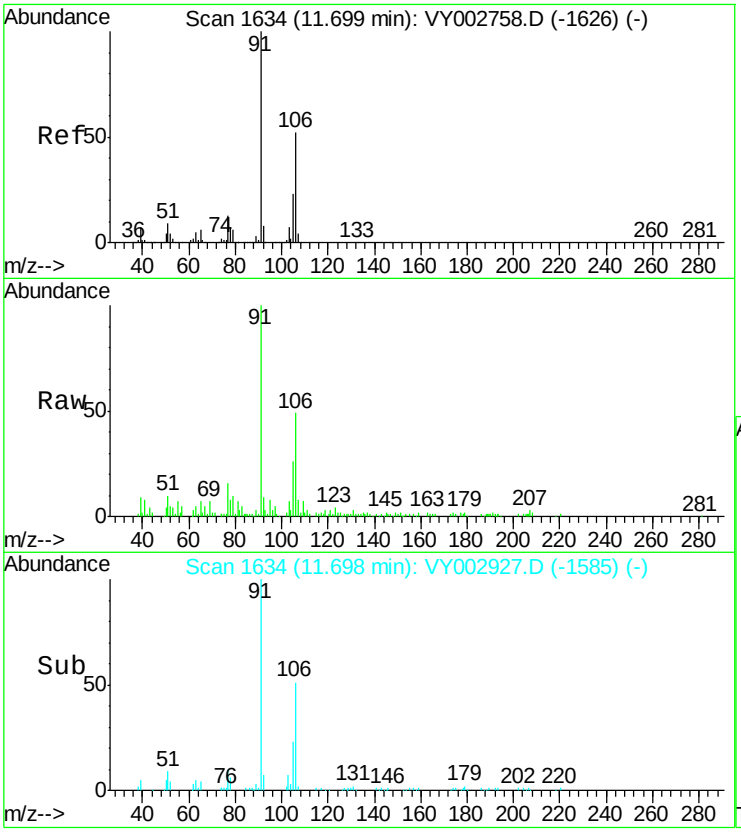


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Tgt Ion:117 Resp: 357470

Ion	Ratio	Lower	Upper
117	100		
82	49.9	40.2	60.4
119	31.9	25.8	38.8



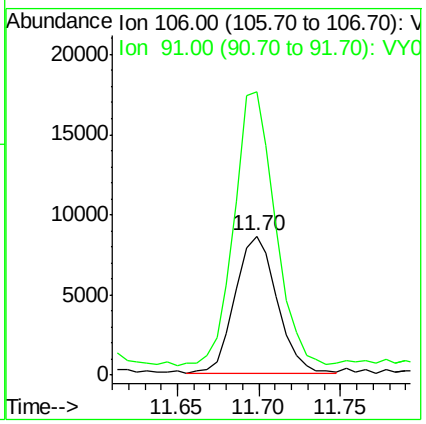


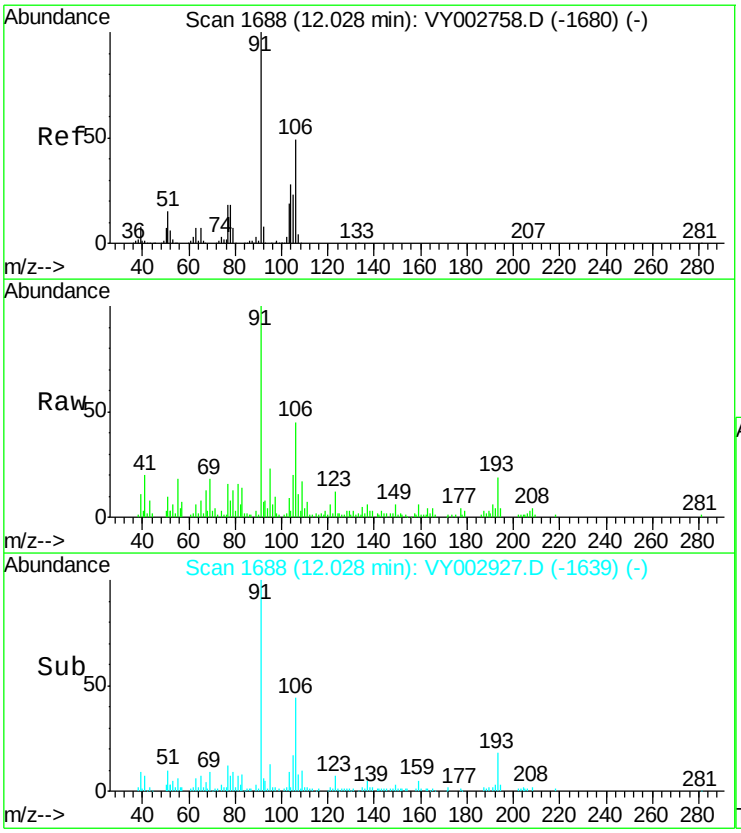
#68
m/p-Xylenes
Concen: 3.186 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 15131

Ion	Ratio	Lower	Upper
106	100		
91	195.5	156.0	234.0

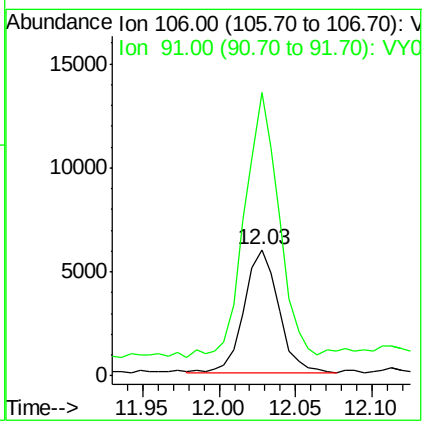


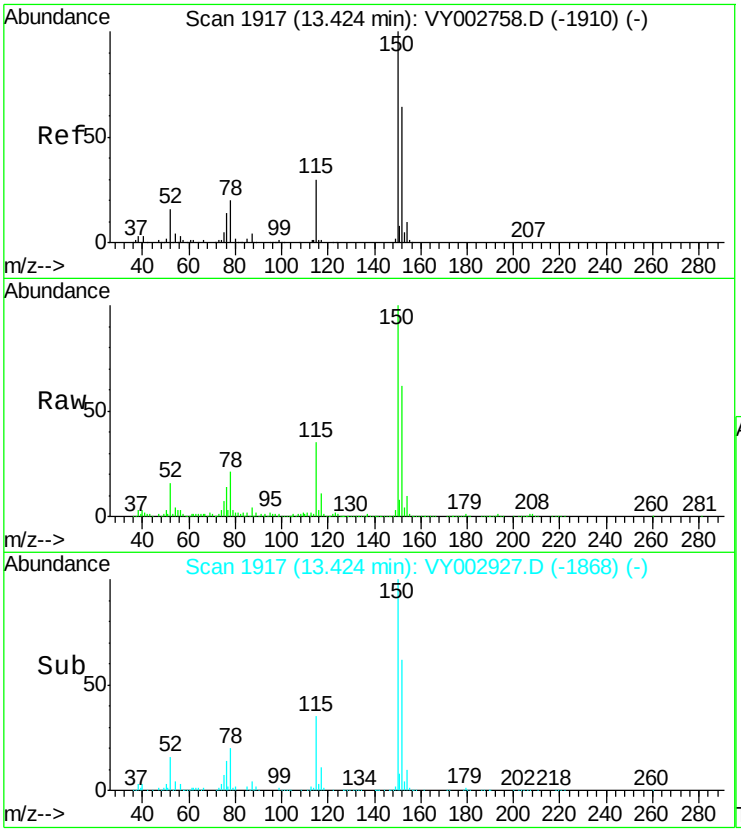


#69
o-Xylene
Concen: 2.092 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Tgt Ion:106 Resp: 9381

Ion	Ratio	Lower	Upper
106	100		
91	213.0	102.4	307.1



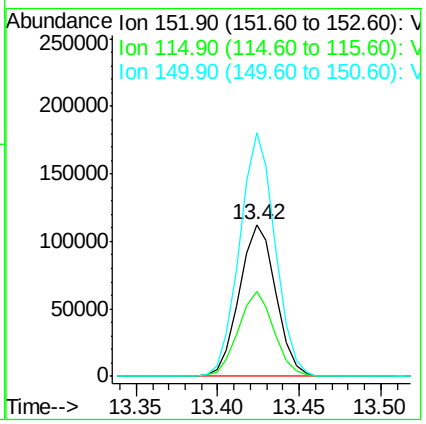


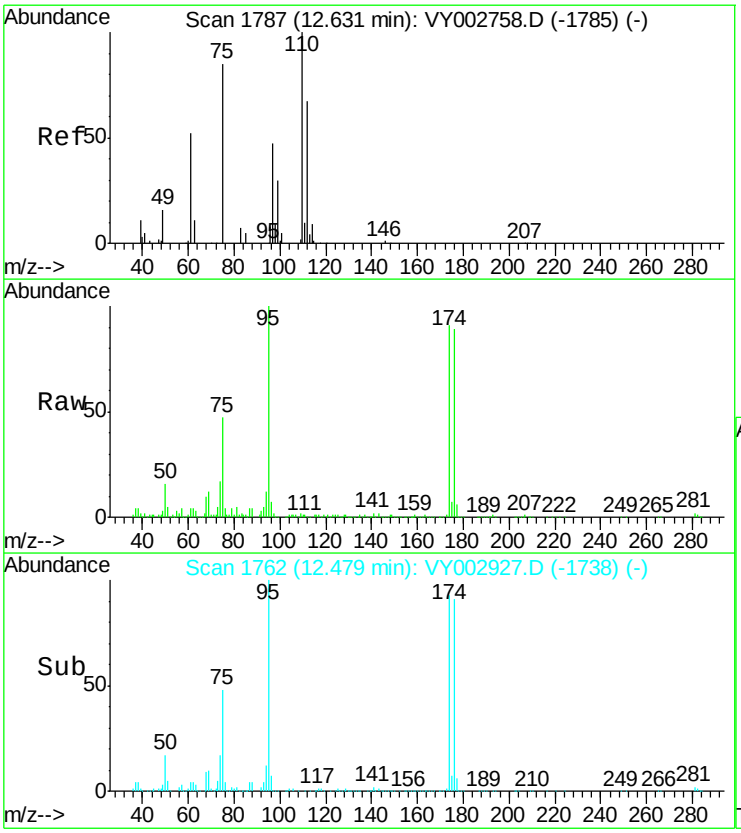
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 173579

Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.0	81.0
150	156.4	0.0	344.8

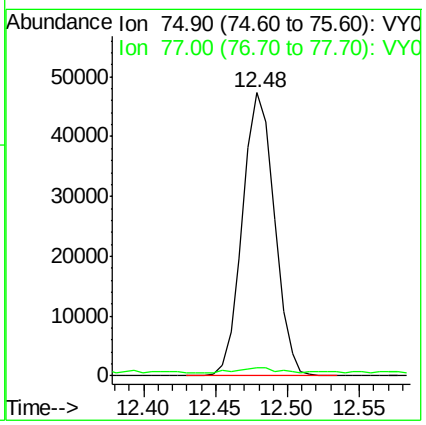


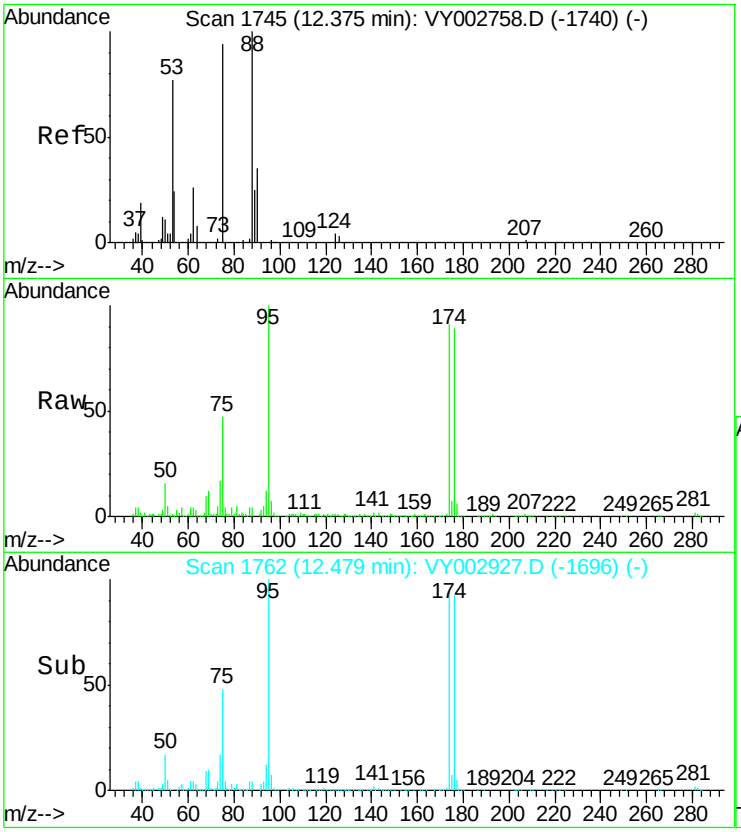


#76
1,2,3-Trichloropropane
Concen: 46.512 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Tgt Ion: 75 Resp: 72747

Ion	Ratio	Lower	Upper
75	100		
77	2.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.628 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY002927.D
Acq: 18 Jun 2020 18:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 72747

Ion	Ratio	Lower	Upper
75	100		
53	0.3	64.0	96.0#
89	0.1	37.4	56.2#