Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
Data File : VY002098.D
Acq On : 27 Mar 2020 12:32
Operator : SY/MD
Sample : L2042-02RE
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-02-1.0-1.5

Quant Time: Mar 30 03:23:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	104405	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	195188	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	170324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	74263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	60994	52.85	ug/l	-0.01
Spiked Amount 50.000			Recovery = 105.70%			
35) Dibromofluoromethane	7.72	113	56019	51.22	ug/l	-0.01
Spiked Amount 50.000			Recovery = 102.44%			
50) Toluene-d8	10.18	98	234673	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.30%			
62) 4-Bromofluorobenzene	12.48	95	76839	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	111	Below Cal	#	43
11) Tert butyl alcohol	4.97	59	143	1.051	ug/l #	74
16) Acetone	3.97	43	571	1.761	ug/l	92
20) Methylene Chloride	4.73	84	2494	Below Cal		86
31) Cyclohexane	7.80	56	2646	1.100	ug/l #	13
36) 1,1-Dichloropropene	7.80	75	9059	4.907	ug/l #	49
38) Carbon Tetrachloride	7.80	117	10905	6.962	ug/l #	17
49) 1,4-Dioxane	9.03	88	44	4.484	ug/l #	21
68) m/p-Xylenes	11.70	106	12525	5.548	ug/l	100
69) o-Xylene	12.03	106	7702	3.596	ug/l	99
76) 1,2,3-Trichloropropane	12.48	75	39359	47.381	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	39359	91.793	ug/l #	17

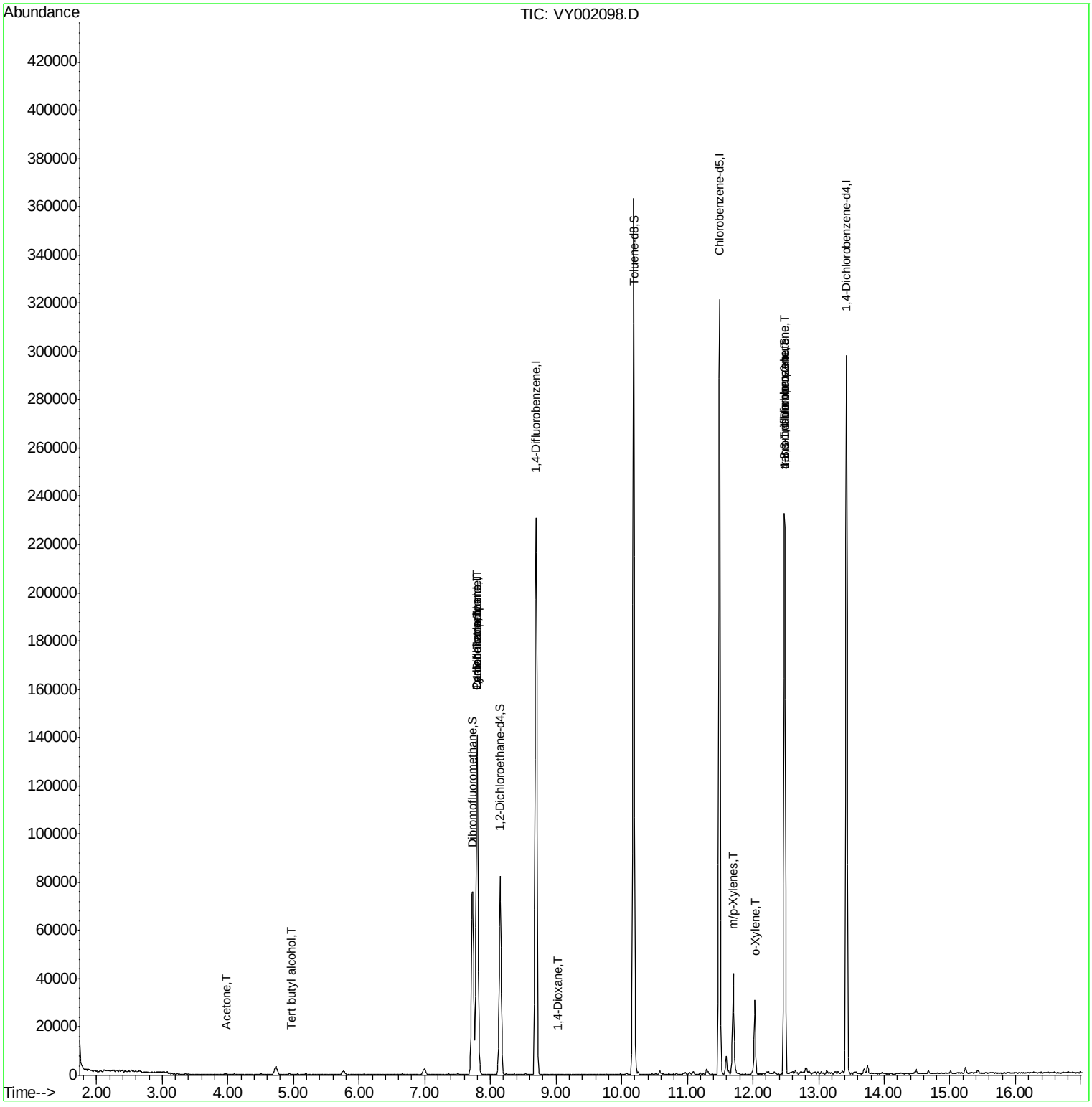
(#) = qualifier out of range (m) = manual integration (+) = signals summed

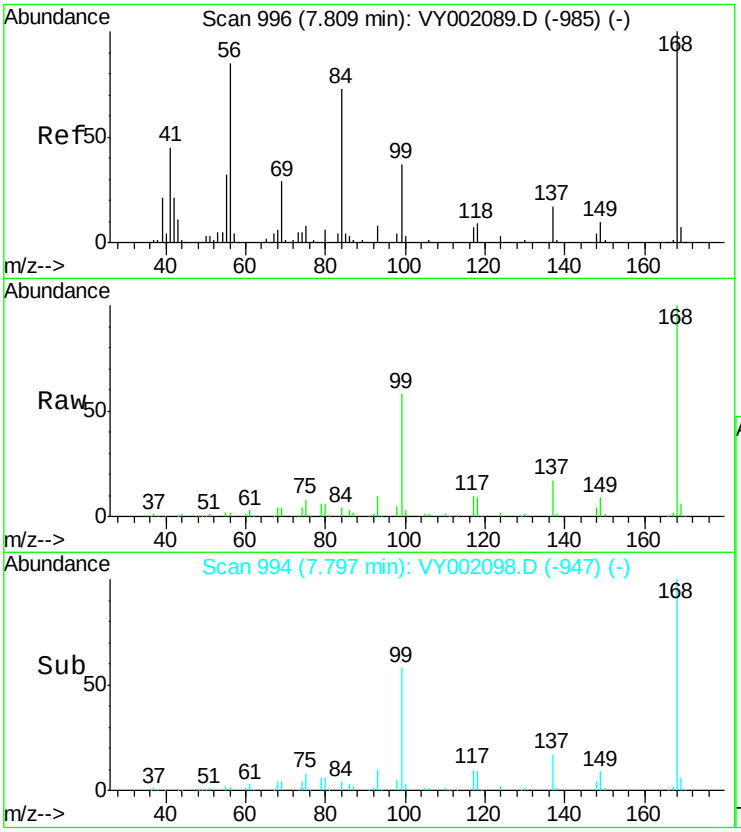
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
Data File : VY002098.D
Acq On : 27 Mar 2020 12:32
Operator : SY/MD
Sample : L2042-02RE
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Quant Time: Mar 30 03:23:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration



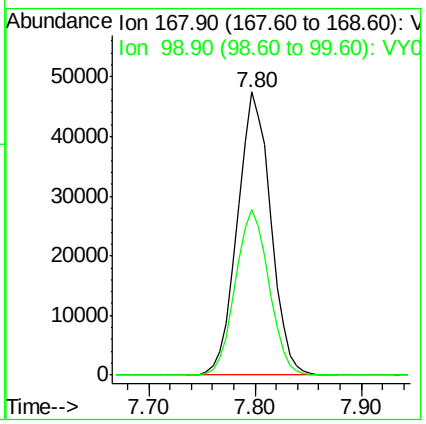


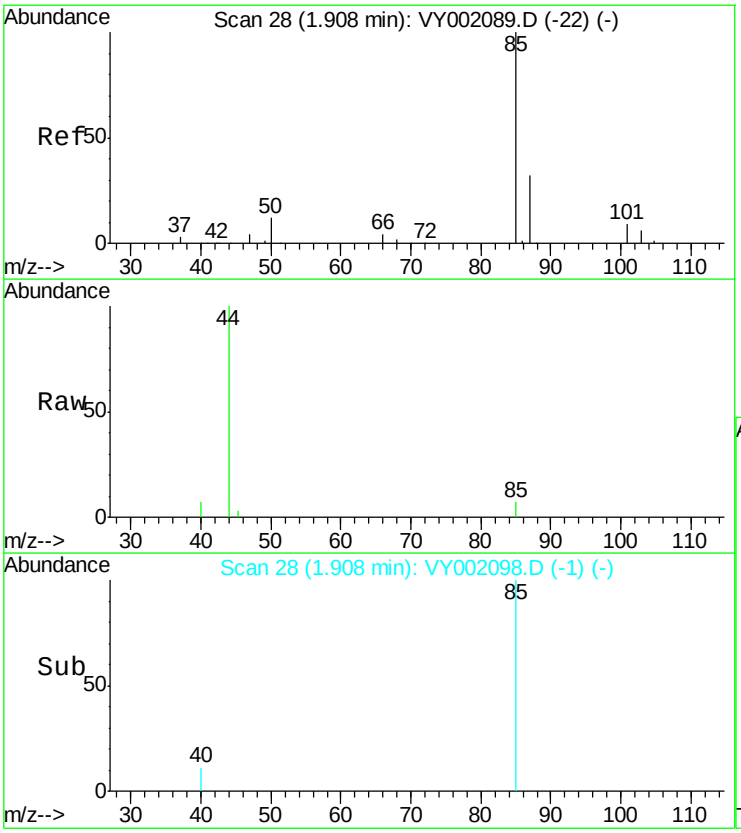
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tgt Ion:168 Resp: 104405

Ion	Ratio	Lower	Upper
168	100		
99	58.5	47.6	71.4

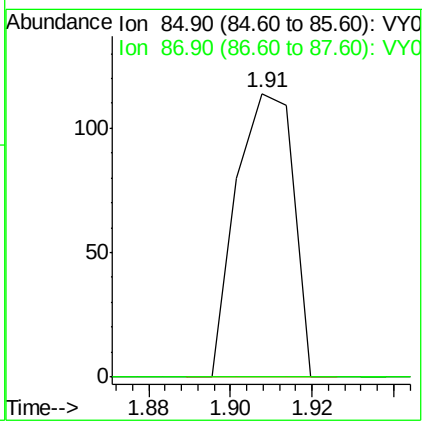


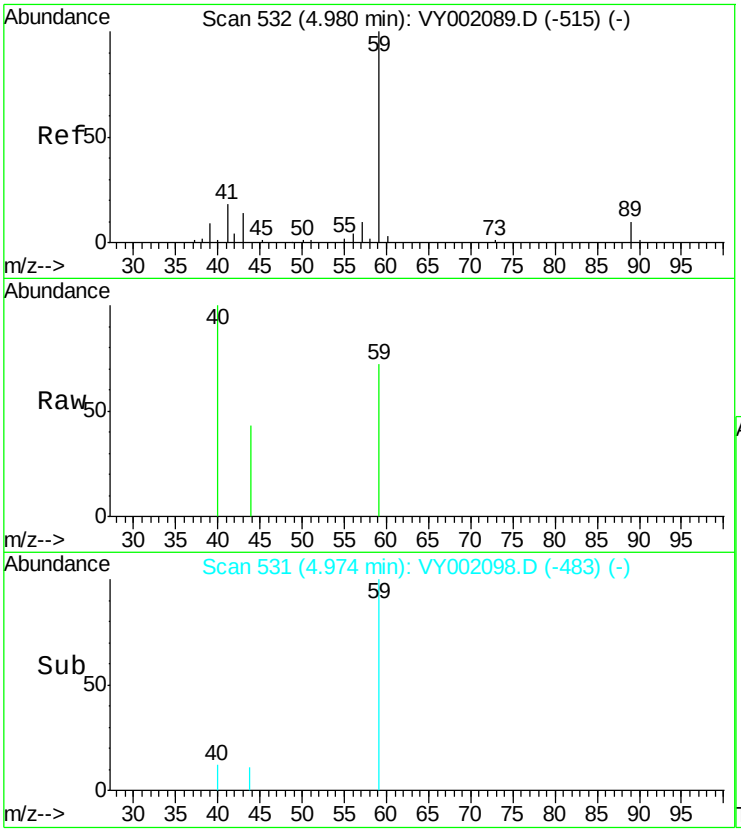


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.91 min Scan# 28
Delta R.T. 0.00 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion: 85 Resp: 111

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	48.0#



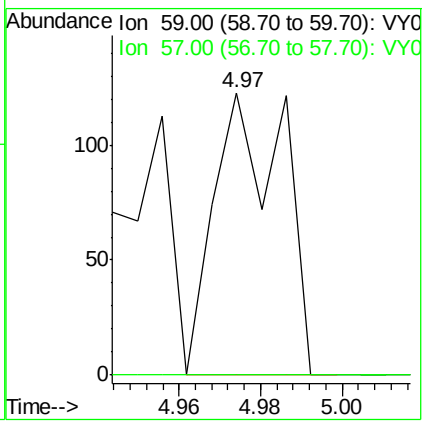


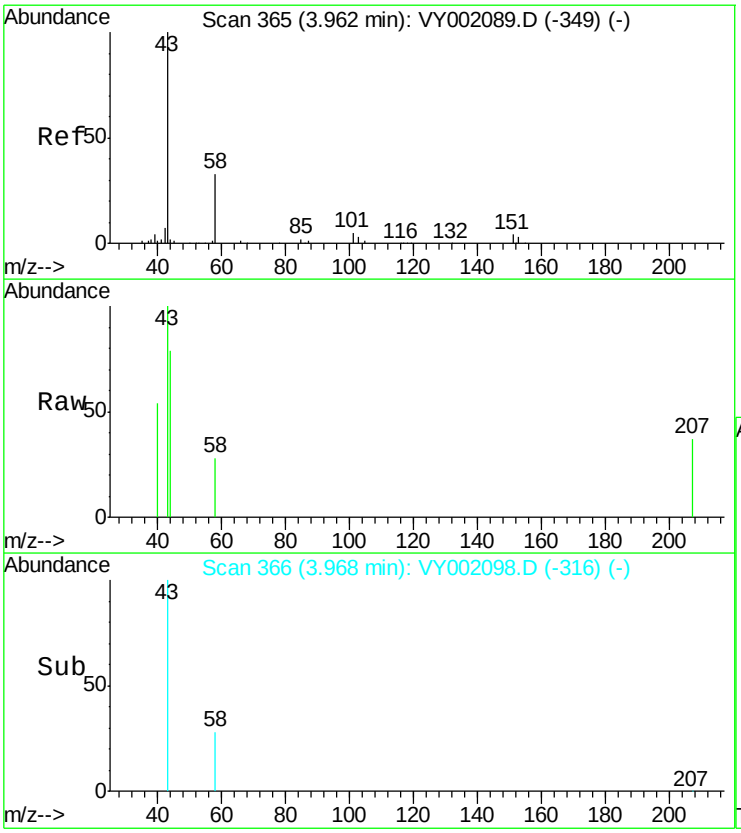
#11
Tert butyl alcohol
Concen: 1.051 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument : MSVOA_Y
ClientSampleId : SB-02-1.0-1.5

Tgt Ion: 59 Resp: 143

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

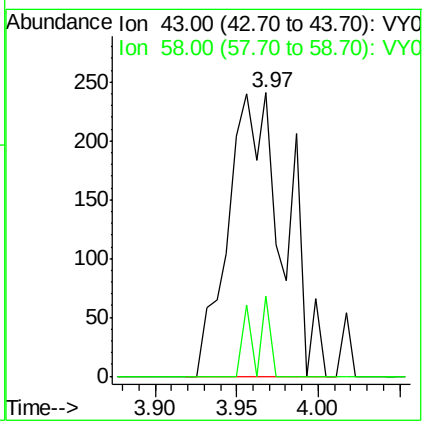


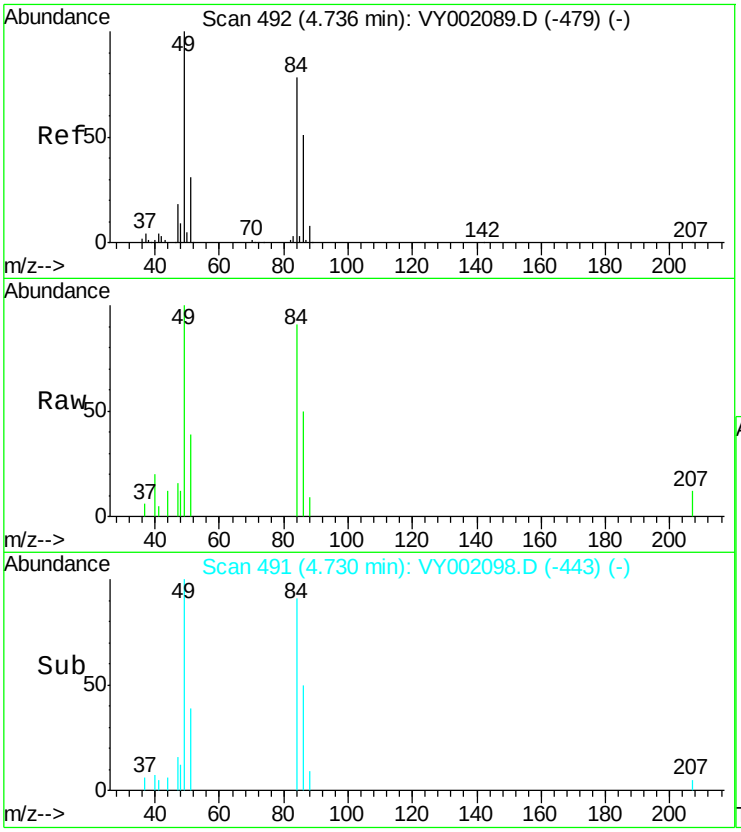


#16
Acetone
Concen: 1.761 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion: 43 Resp: 571

Ion	Ratio	Lower	Upper
43	100		
58	28.2	26.3	39.5



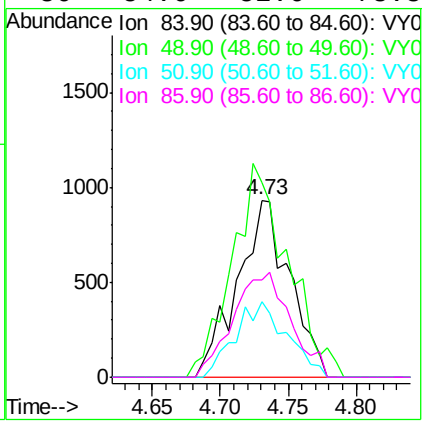


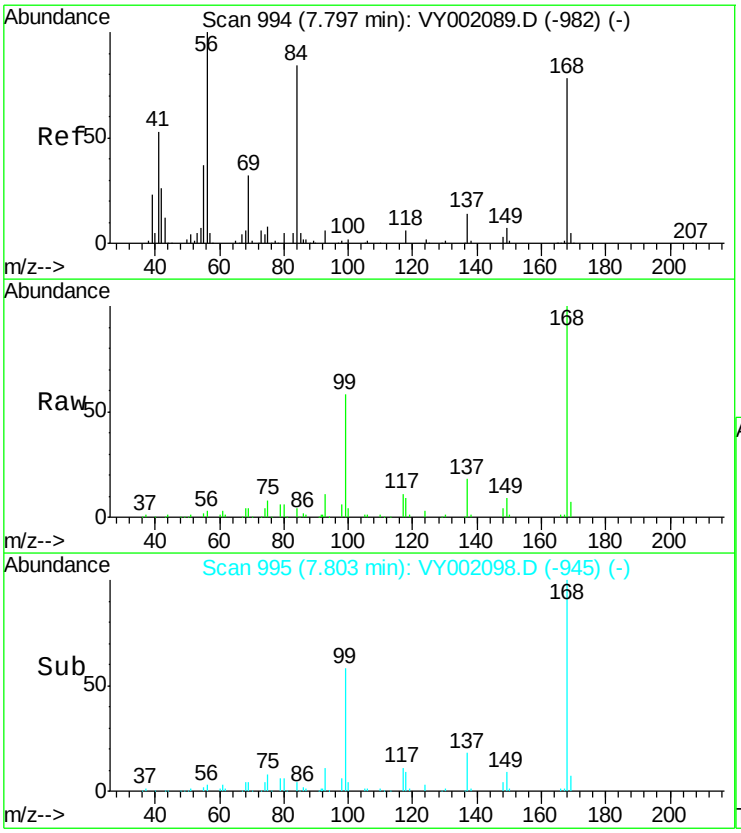
#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tgt Ion: 84 Resp: 2494

Ion	Ratio	Lower	Upper
84	100		
49	109.6	102.2	153.4
51	42.3	31.2	46.8
86	54.6	52.6	78.8

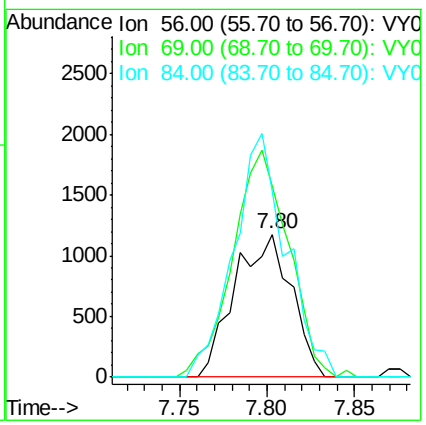


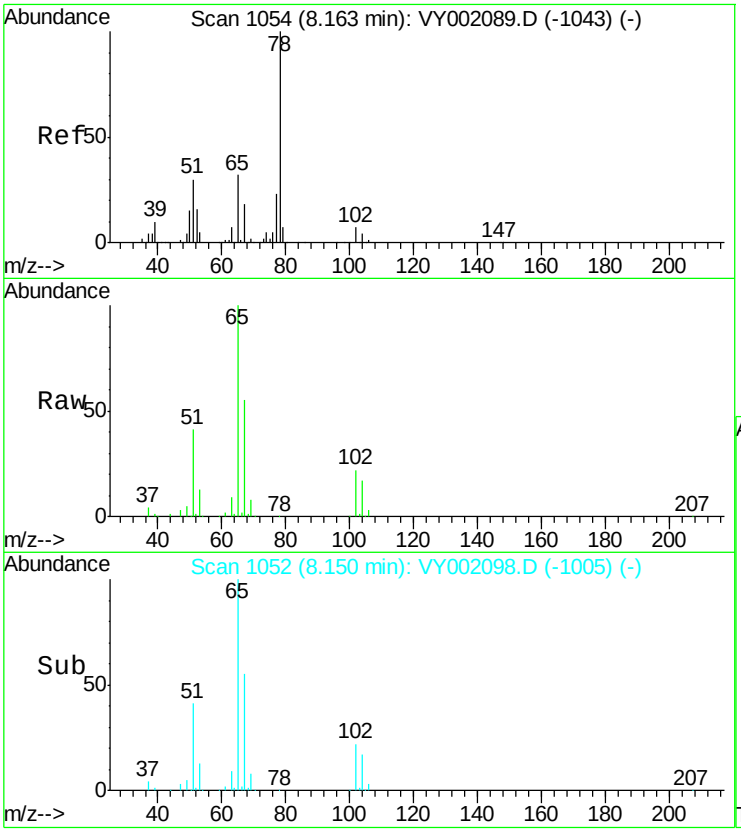


#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion: 56 Resp: 2646

Ion	Ratio	Lower	Upper
56	100		
69	133.9	25.8	38.8#
84	130.0	67.1	100.7#



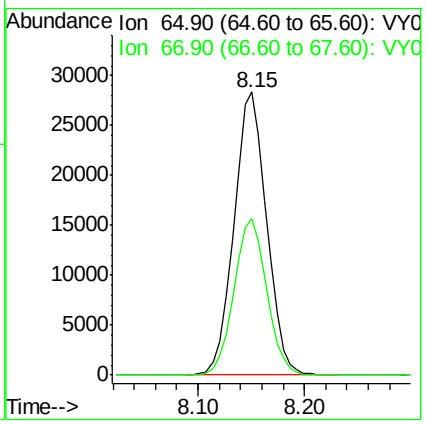


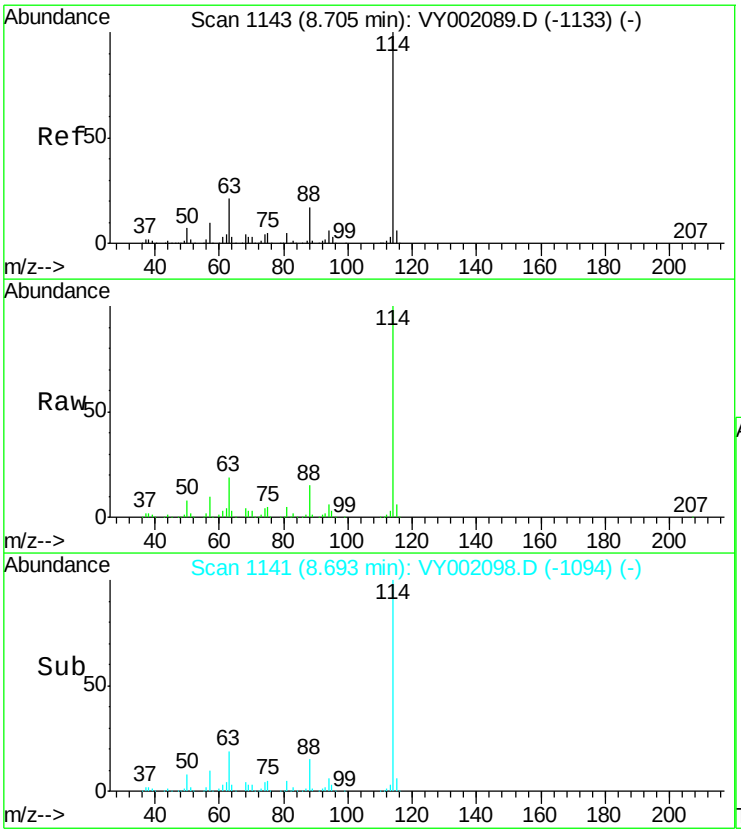
#33
1,2-Dichloroethane-d4
Concen: 52.847 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tgt Ion: 65 Resp: 60994

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	112.8

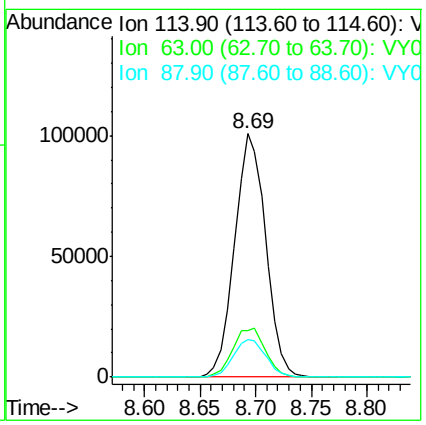


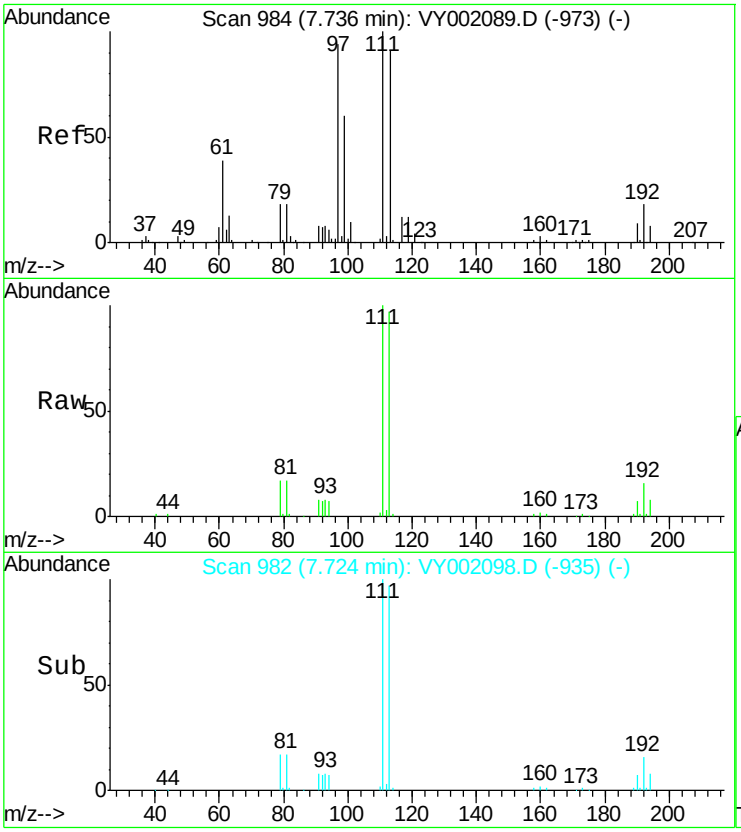


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion:114 Resp: 195188

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.4
88	15.5	0.0	33.0



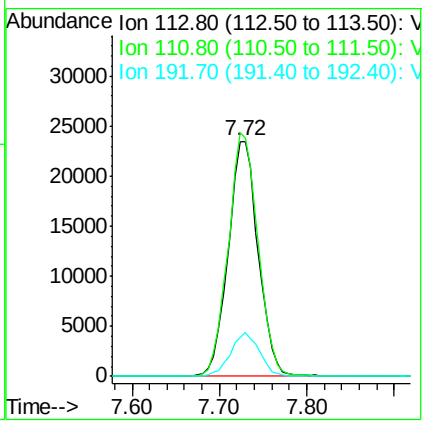


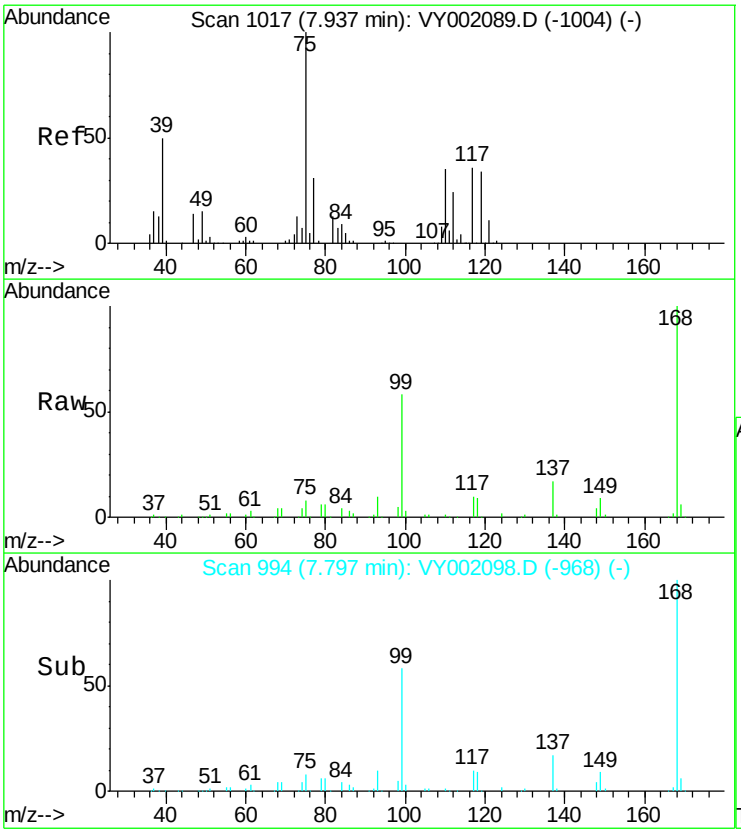
#35
Dibromofluoromethane
Concen: 51.221 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tgt Ion:113 Resp: 56019

Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.4	126.6
192	17.9	14.6	21.8

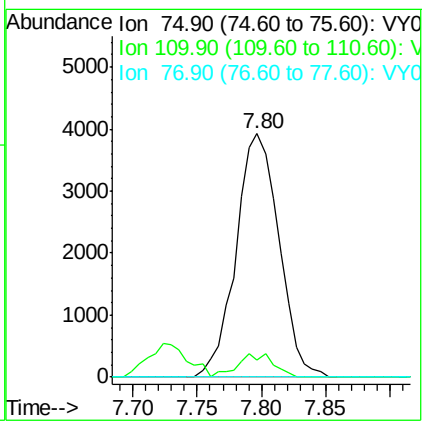


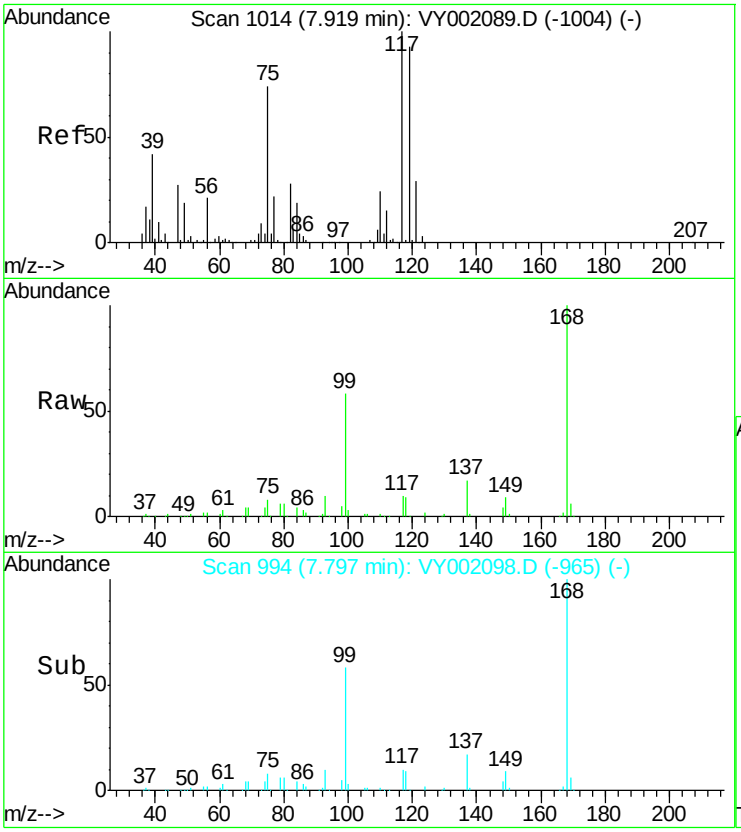


#36
1,1-Dichloropropene
Concen: 4.907 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.14 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion: 75 Resp: 9059

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.2	51.6#
77	0.0	24.7	37.1#



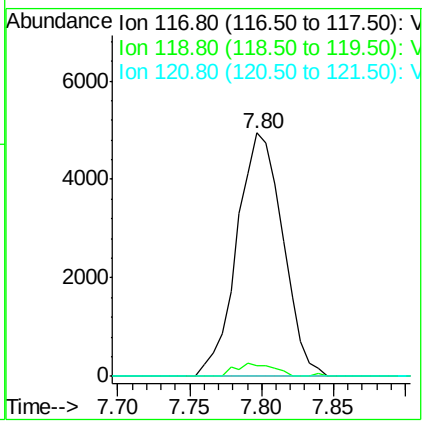


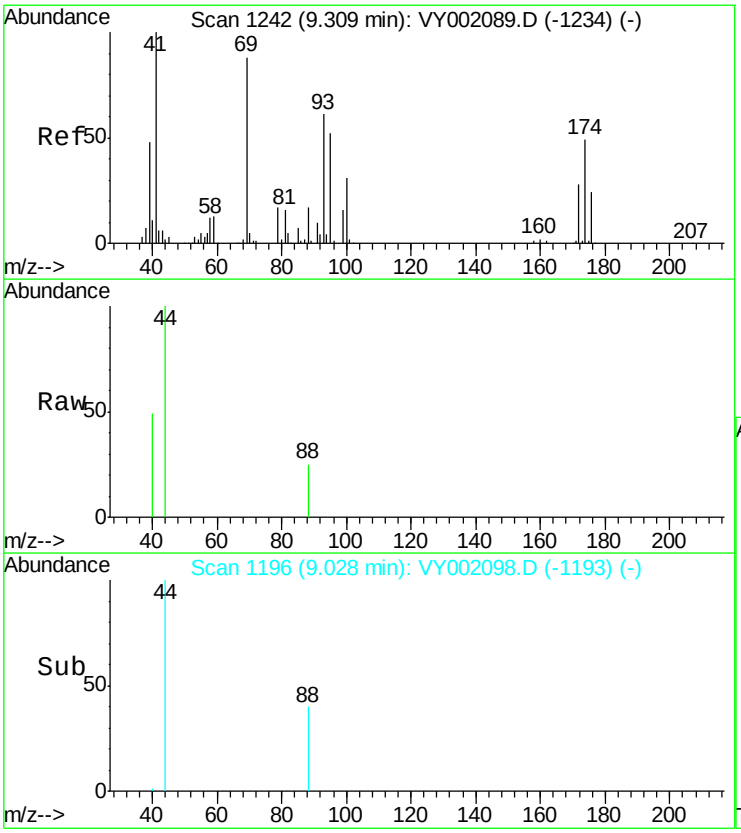
#38
Carbon Tetrachloride
Concen: 6.962 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tgt Ion:117 Resp: 10905

Ion	Ratio	Lower	Upper
117	100		
119	4.4	74.3	111.5#
121	0.0	23.3	34.9#

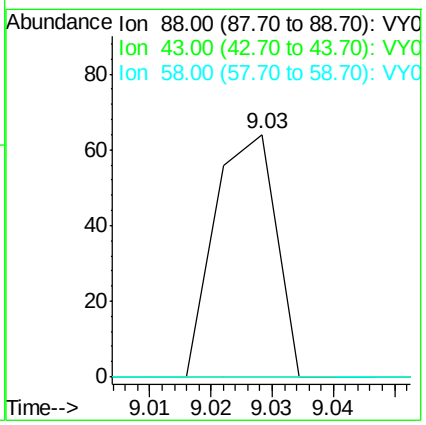


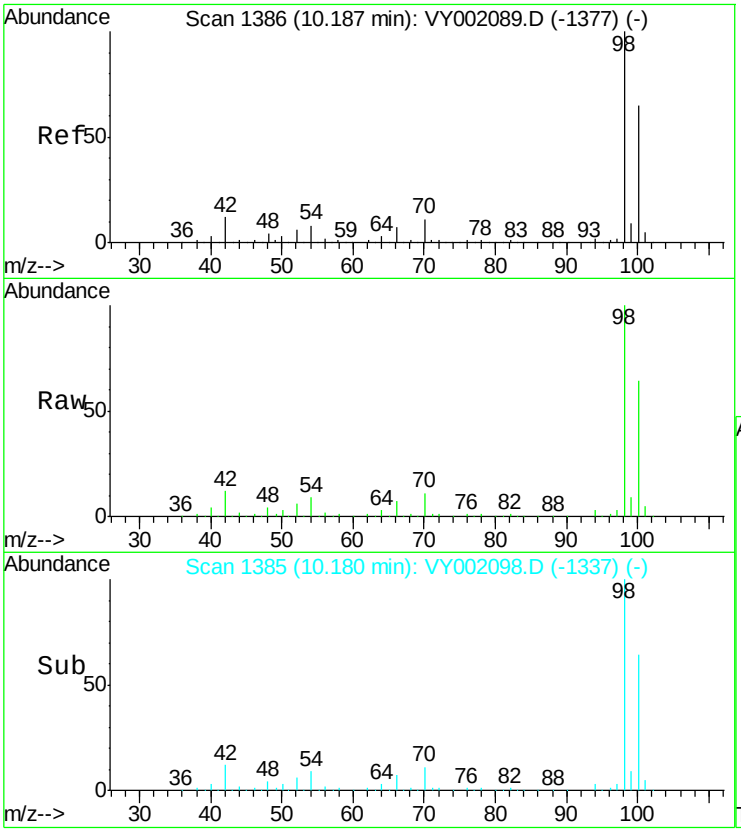


#49
1,4-Dioxane
Concen: 4.484 ug/l
RT: 9.03 min Scan# 1196
Delta R.T. -0.28 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion: 88 Resp: 44

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.2	40.8#
58	0.0	59.8	89.8#



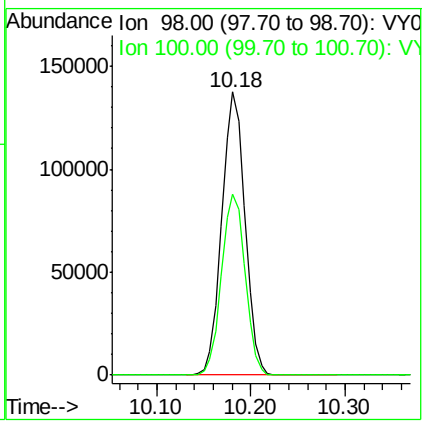


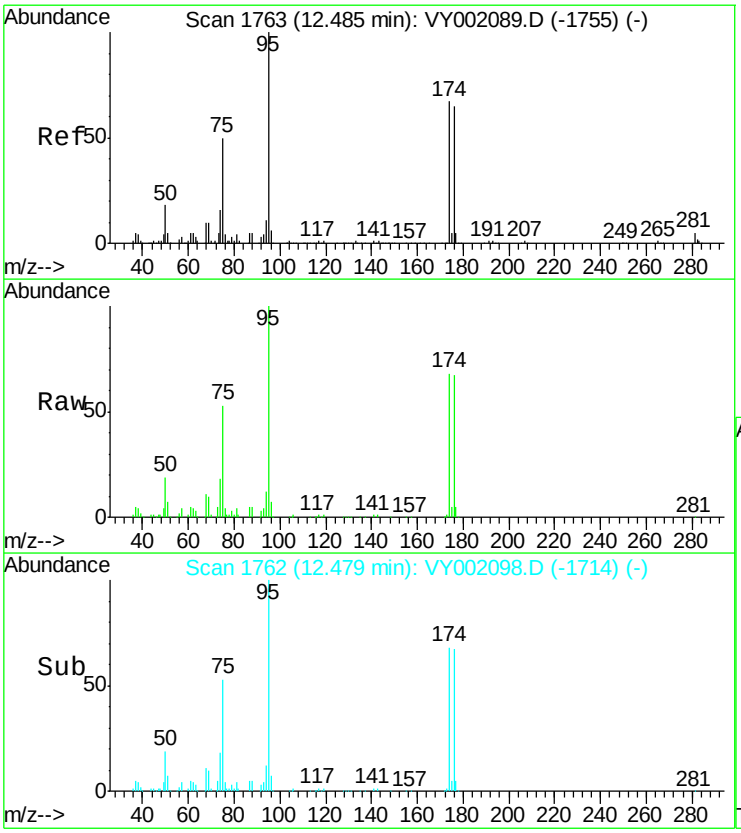
#50
Toluene-d8
Concen: 51.652 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument : MSVOA_Y
ClientSampleId : SB-02-1.0-1.5

Tgt Ion: 98 Resp: 234673

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4

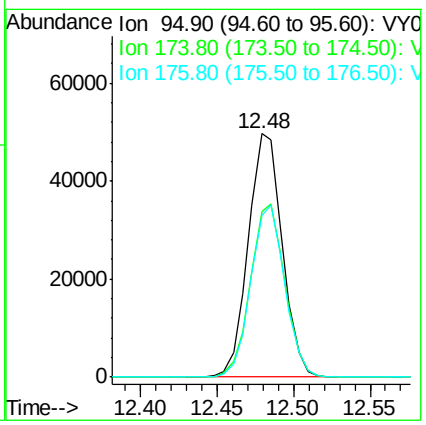


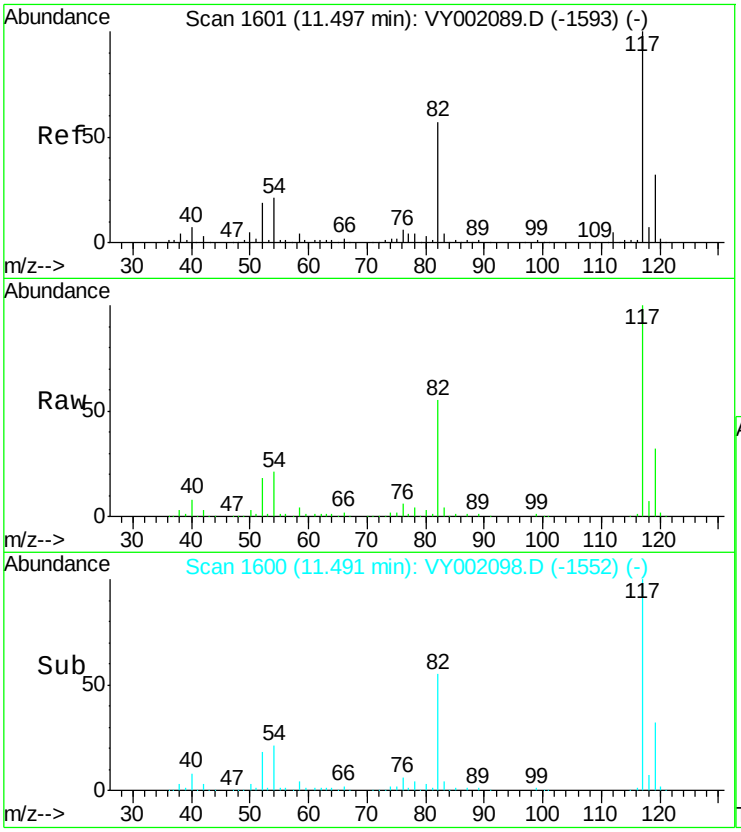


#62
4-Bromofluorobenzene
Concen: 48.358 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion: 95 Resp: 76839

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	143.4
176	70.1	0.0	137.0



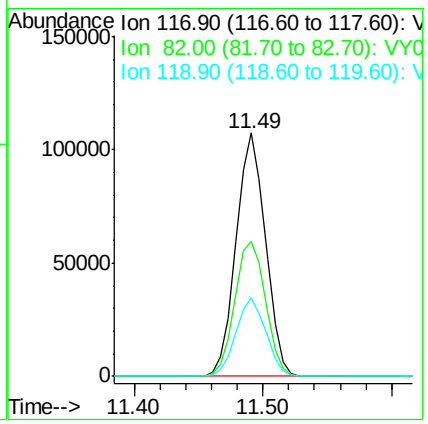


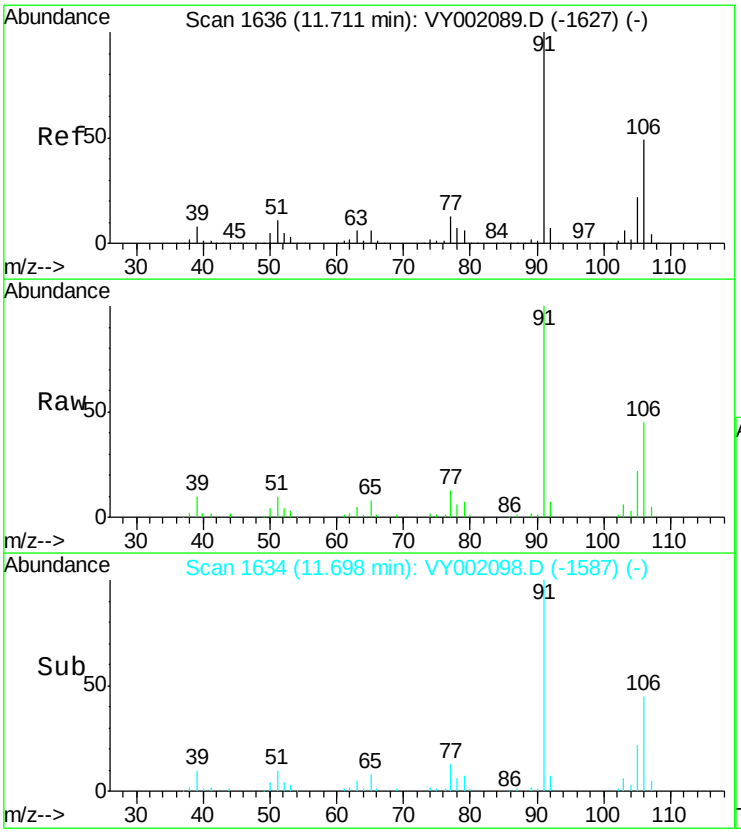
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tgt Ion:117 Resp: 170324

Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.4	68.2
119	32.4	25.3	37.9

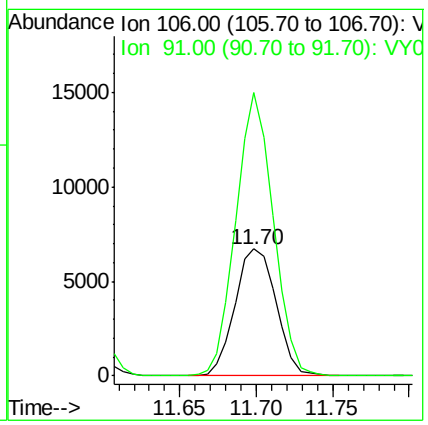


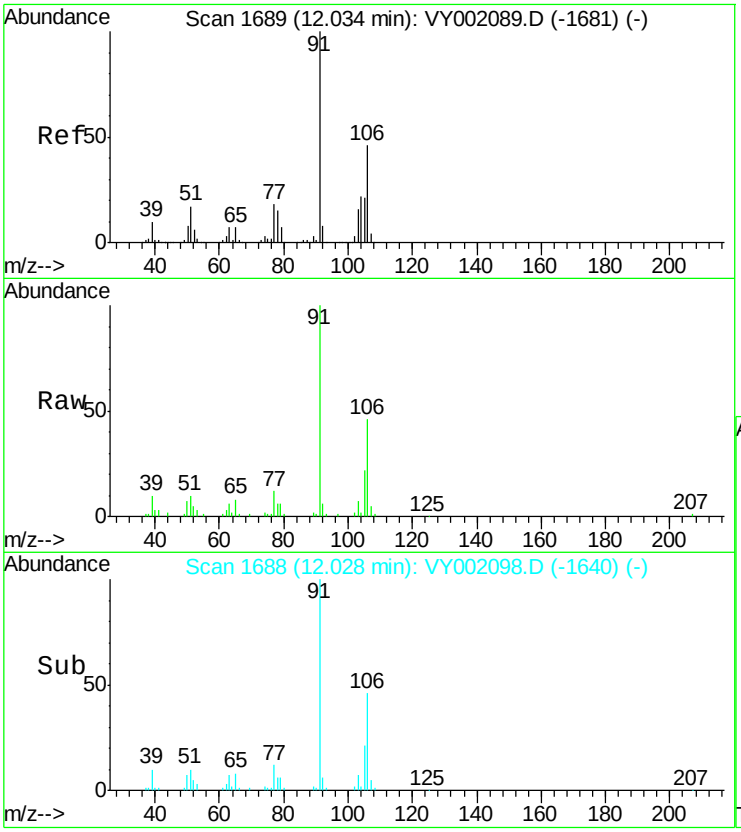


#68
m/p-Xylenes
Concen: 5.548 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion:106 Resp: 12525

Ion	Ratio	Lower	Upper
106	100		
91	203.0	162.8	244.2



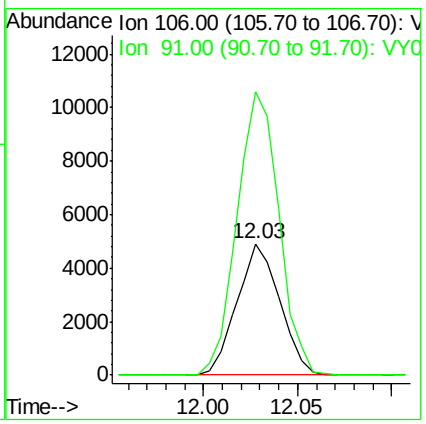


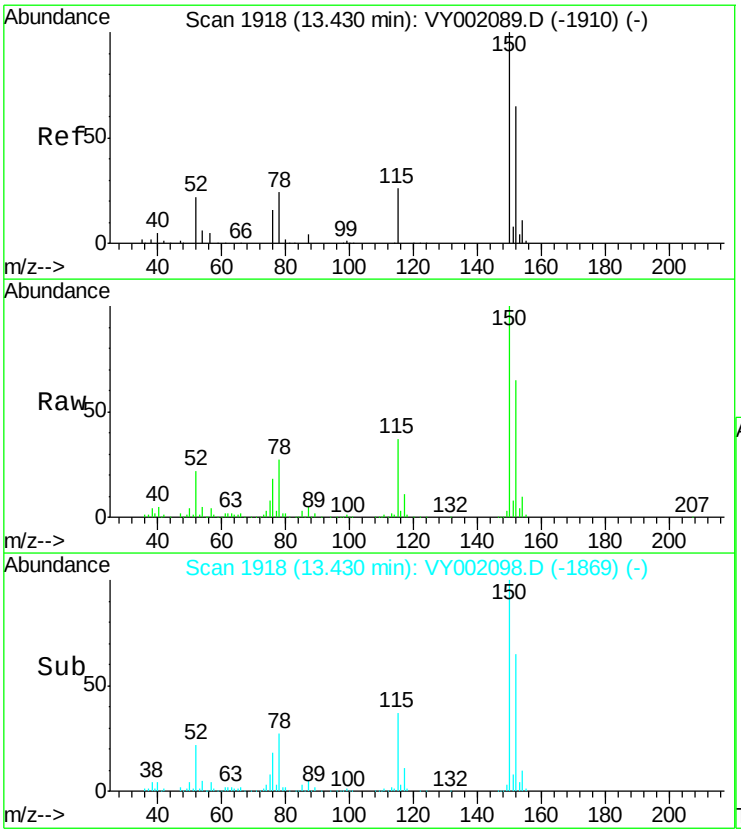
#69
o-Xylene
Concen: 3.596 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tgt Ion:106 Resp: 7702

Ion	Ratio	Lower	Upper
106	100		
91	212.2	107.3	321.8

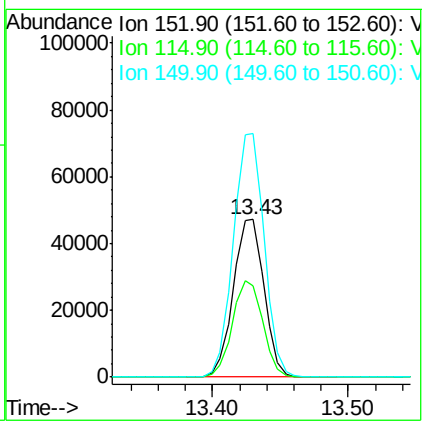


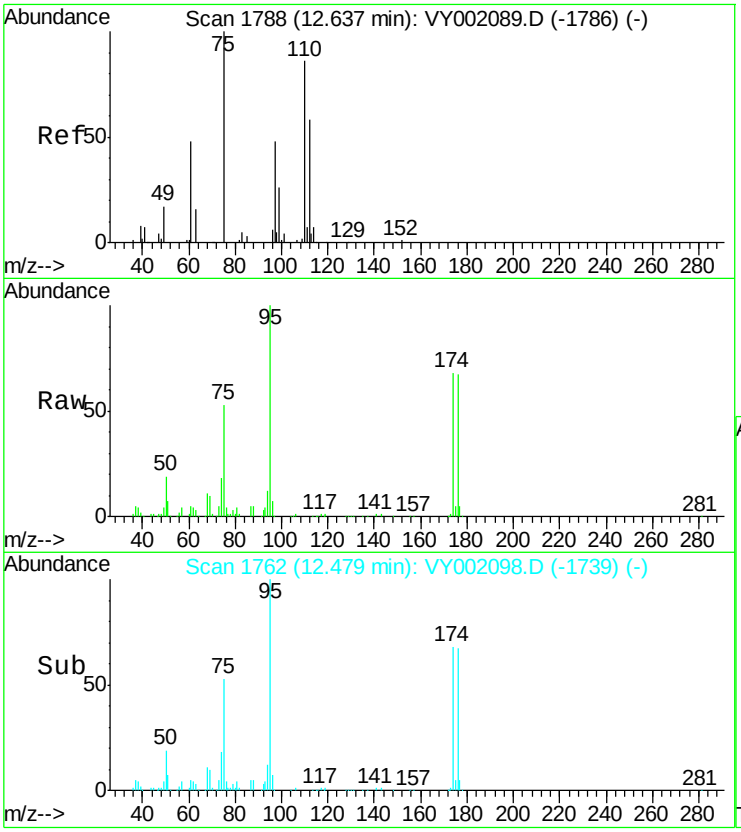


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion:152 Resp: 74263

Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.2	93.6
150	154.4	0.0	354.8



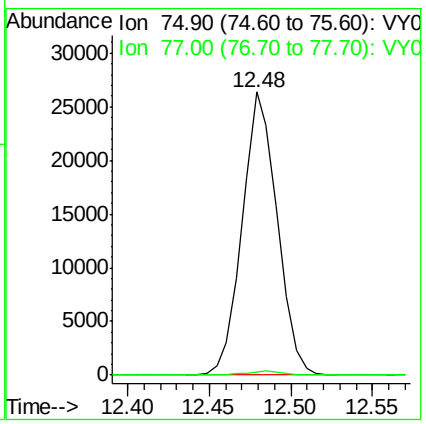


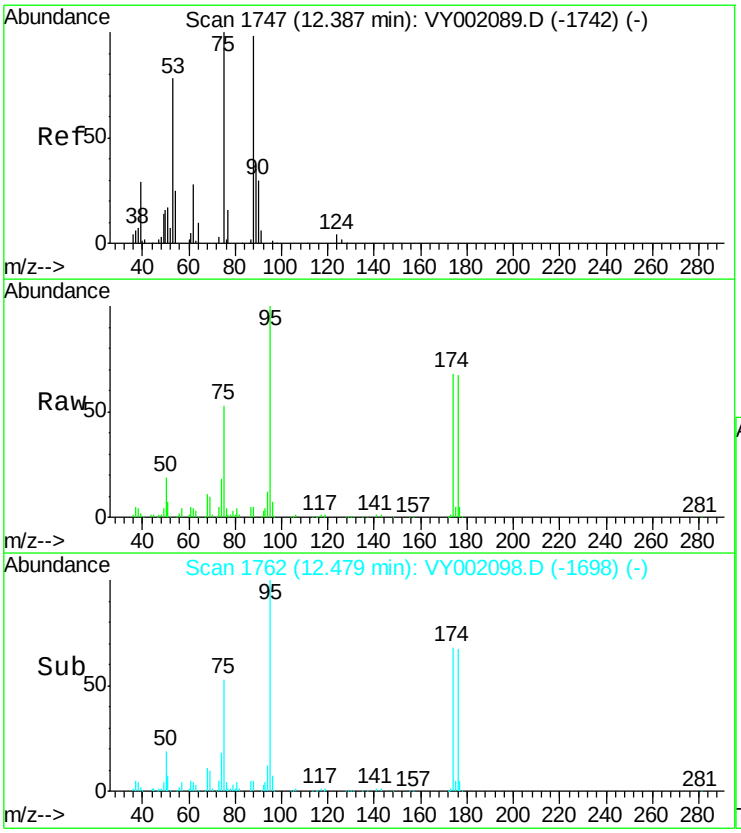
#76
1,2,3-Trichloropropane
Concen: 47.381 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tgt Ion: 75 Resp: 39359

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.793 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY002098.D
Acq: 27 Mar 2020 12:32

Tgt Ion: 75 Resp: 39359

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.0	97.4#
89	0.0	33.4	50.0#