Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
Data File : VY002114.D
Acq On : 27 Mar 2020 18:30
Operator : SY/MD
Sample : L2042-04
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-04-5.5-6.0

Quant Time: Mar 30 03:27:08 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	126501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	244288	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	227723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	99215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	79167	56.61	ug/l	-0.01
Spiked Amount 50.000			Recovery = 113.22%			
35) Dibromofluoromethane	7.73	113	72347	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.72%			
50) Toluene-d8	10.18	98	298064	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.84%			
62) 4-Bromofluorobenzene	12.48	95	103519	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	385	Below Cal		92
11) Tert butyl alcohol	4.97	59	285	1.729	ug/l #	74
16) Acetone	3.97	43	814	2.072	ug/l #	79
20) Methylene Chloride	4.74	84	6820	Below Cal		96
31) Cyclohexane	7.80	56	3319	1.139	ug/l #	1
38) Carbon Tetrachloride	7.80	117	13407	6.839	ug/l #	18
55) 1,1,2-Trichloroethane	10.62	97	2939	2.219	ug/l #	21
59) 2-Hexanone	10.80	43	1772	1.885	ug/l #	25
68) m/p-Xylenes	11.70	106	4889	1.620	ug/l	98
76) 1,2,3-Trichloropropane	12.49	75	54718	49.304	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	54718	95.519	ug/l #	17

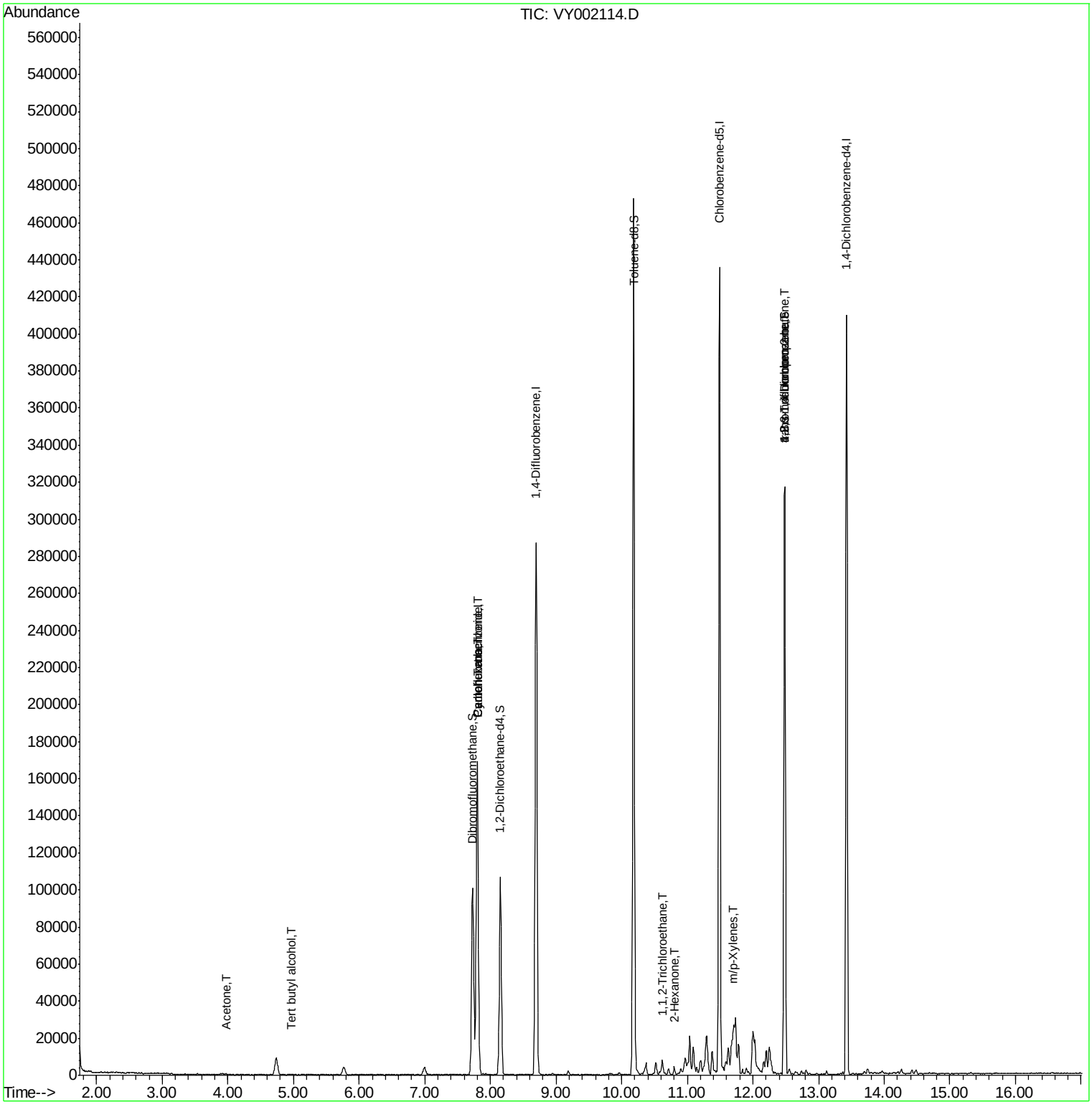
(#) = qualifier out of range (m) = manual integration (+) = signals summed

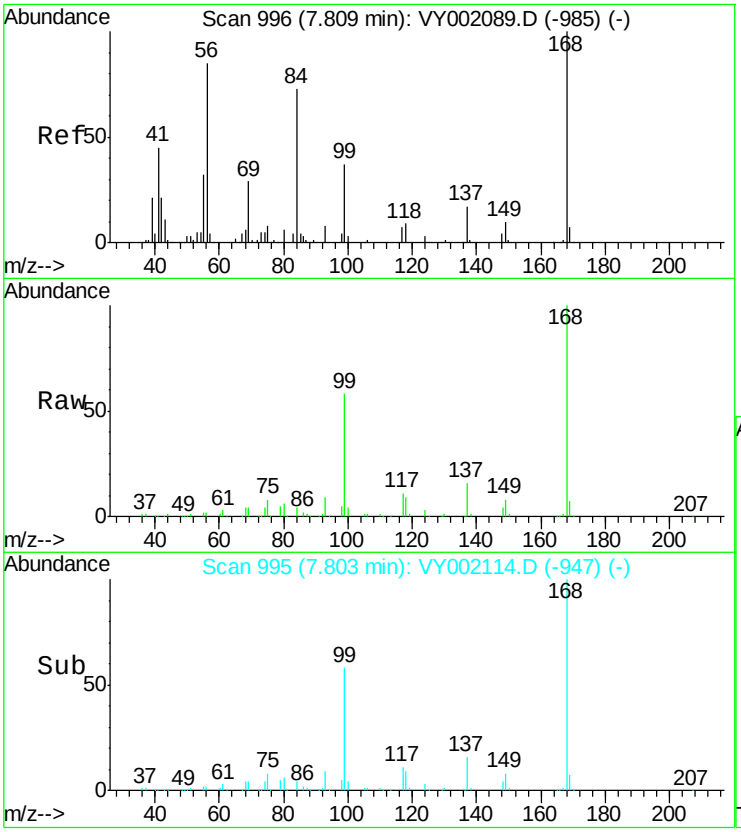
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
Data File : VY002114.D
Acq On : 27 Mar 2020 18:30
Operator : SY/MD
Sample : L2042-04
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.5-6.0

Quant Time: Mar 30 03:27:08 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



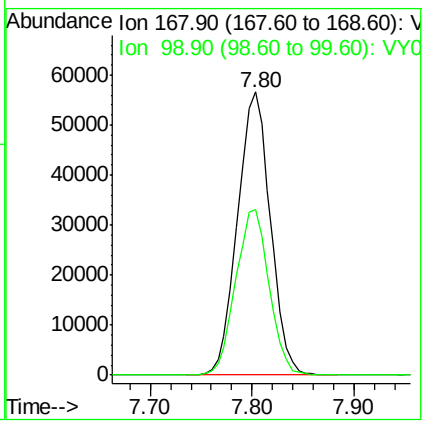


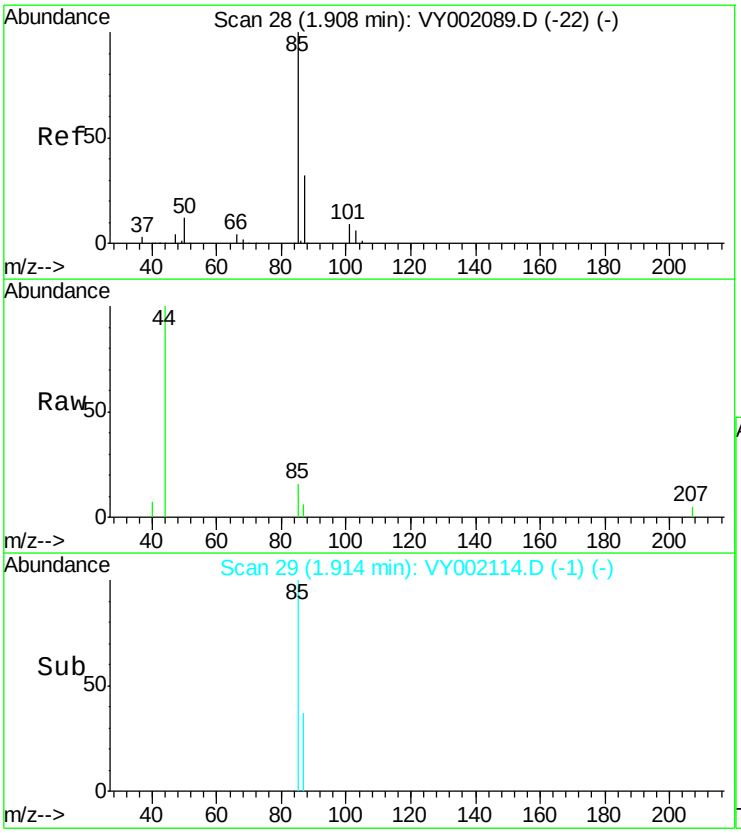
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.5-6.0

Tgt Ion:168 Resp: 126501

Ion	Ratio	Lower	Upper
168	100		
99	58.4	47.6	71.4

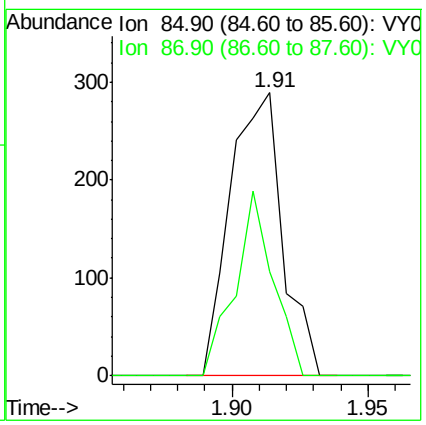


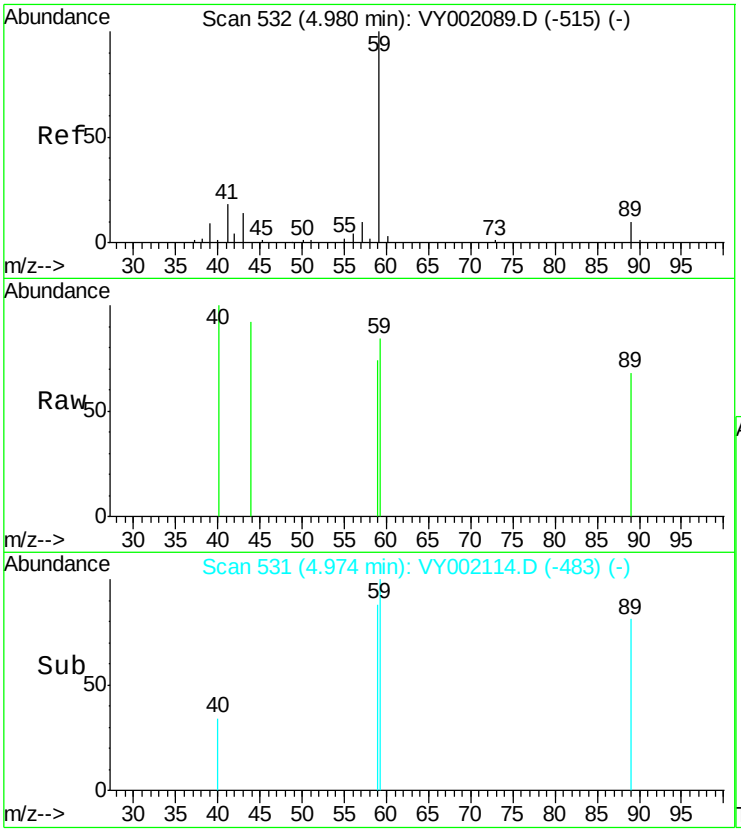


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.91 min Scan# 29
Delta R.T. 0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Tgt Ion: 85 Resp: 385

Ion	Ratio	Lower	Upper
85	100		
87	36.7	16.0	48.0



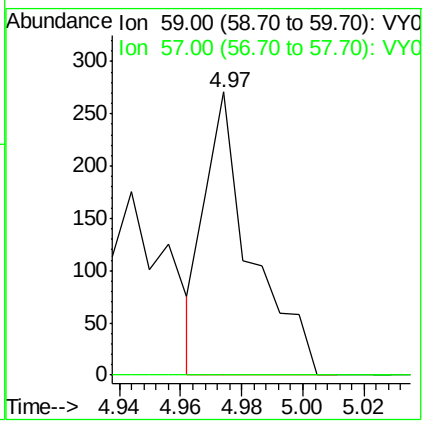


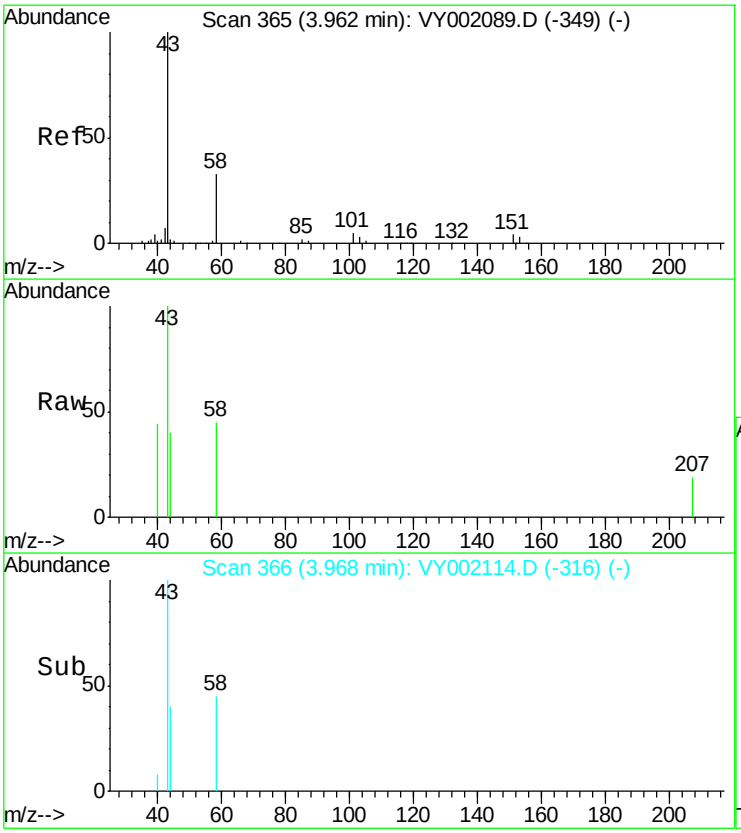
#11
Tert butyl alcohol
Concen: 1.729 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Instrument : MSVOA_Y
ClientSampleId : SB-04-5.5-6.0

Tgt Ion: 59 Resp: 285

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

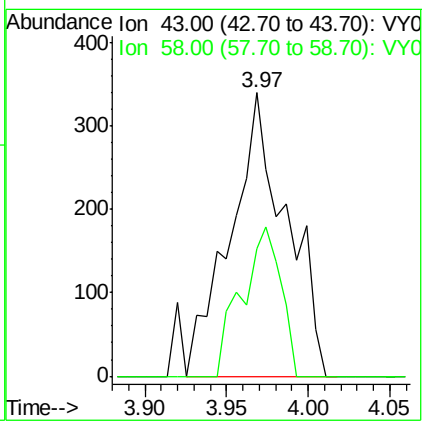


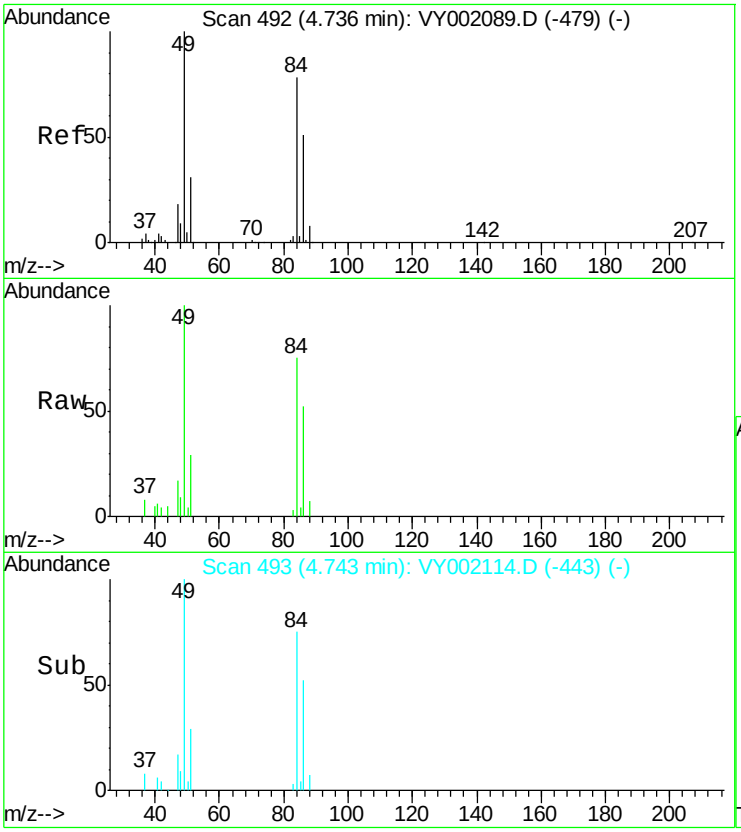


#16
Acetone
Concen: 2.072 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Tgt Ion: 43 Resp: 814

Ion	Ratio	Lower	Upper
43	100		
58	45.0	26.3	39.5#



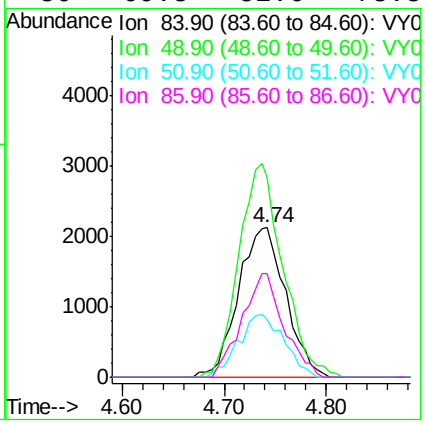


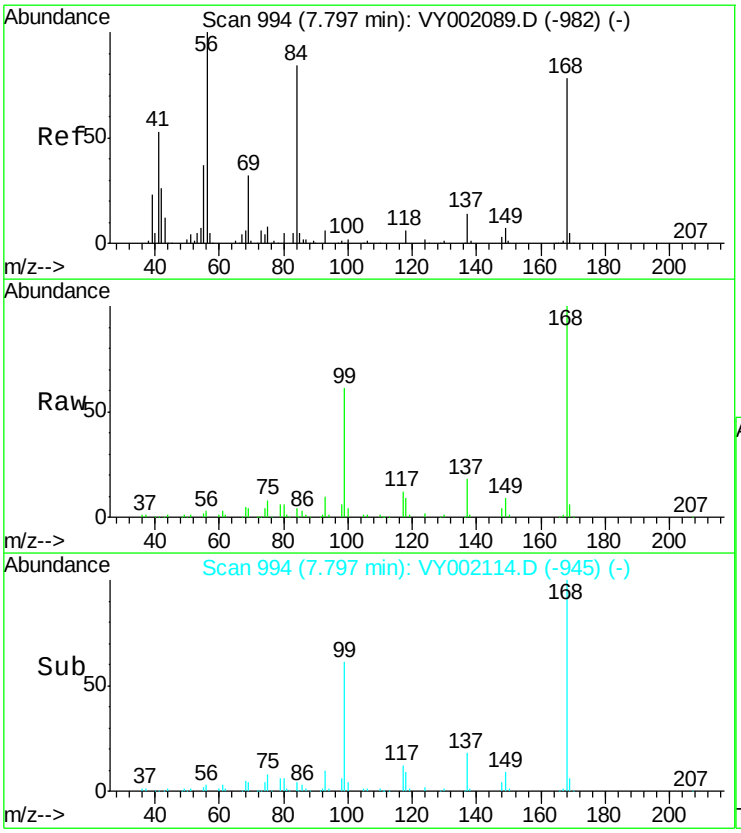
#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Instrument : MSVOA_Y
ClientSampleId : SB-04-5.5-6.0

Tgt Ion: 84 Resp: 6820

Ion	Ratio	Lower	Upper
84	100		
49	133.5	102.2	153.4
51	38.9	31.2	46.8
86	69.3	52.6	78.8

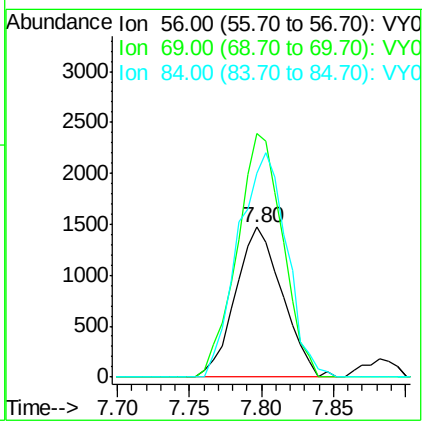


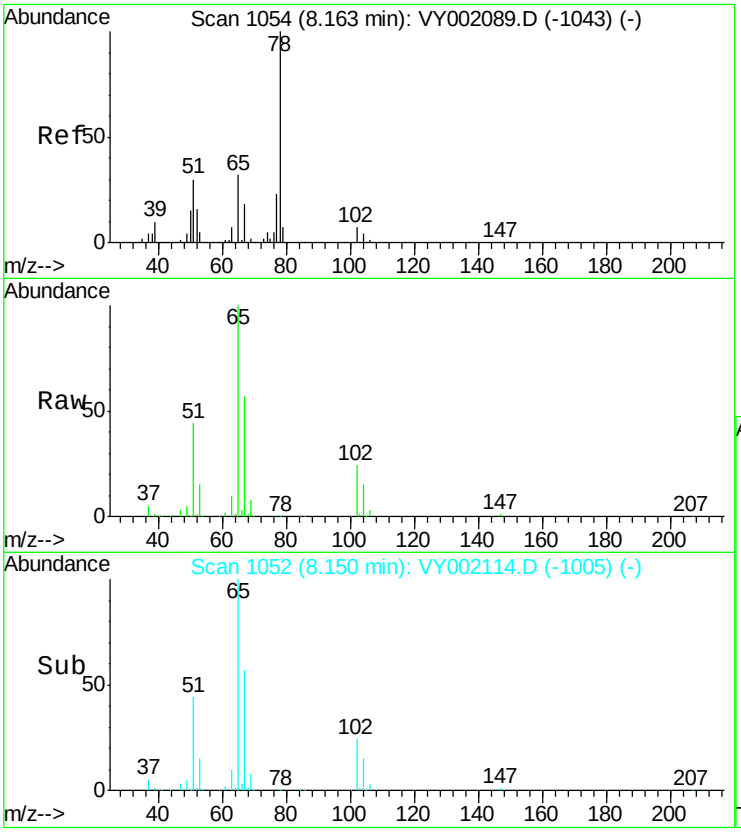


#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Tgt Ion: 56 Resp: 3319

Ion	Ratio	Lower	Upper
56	100		
69	162.6	25.8	38.8#
84	147.5	67.1	100.7#



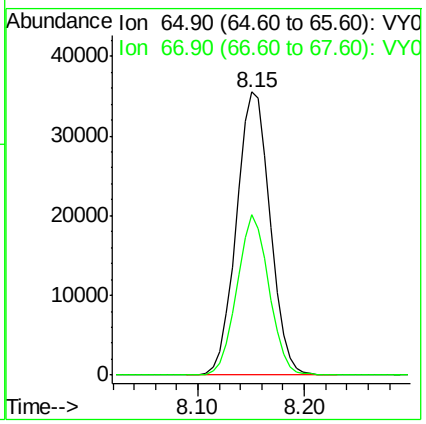


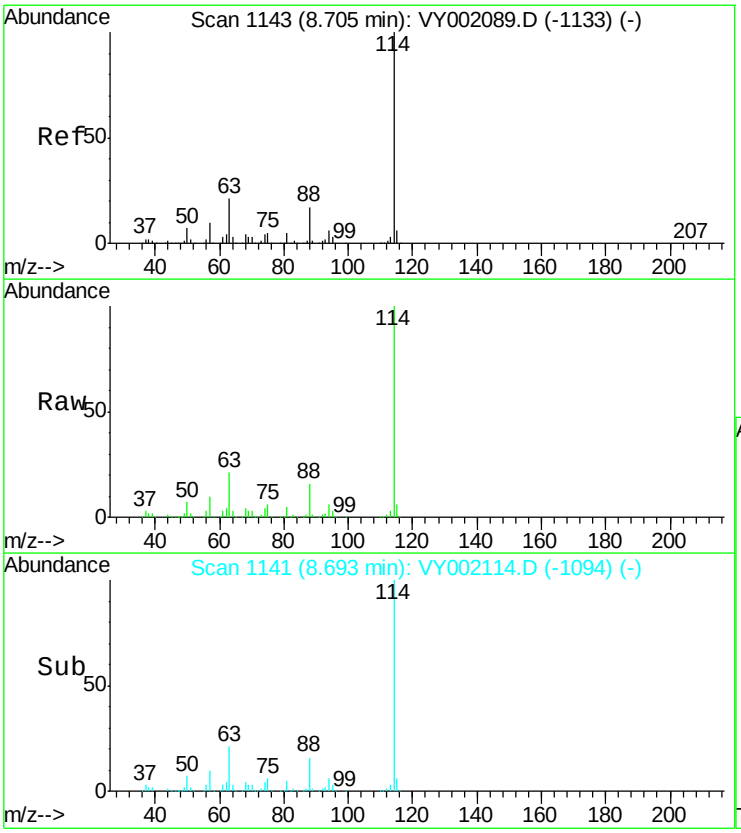
#33
1,2-Dichloroethane-d4
Concen: 56.611 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.5-6.0

Tgt Ion: 65 Resp: 79167

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	112.8

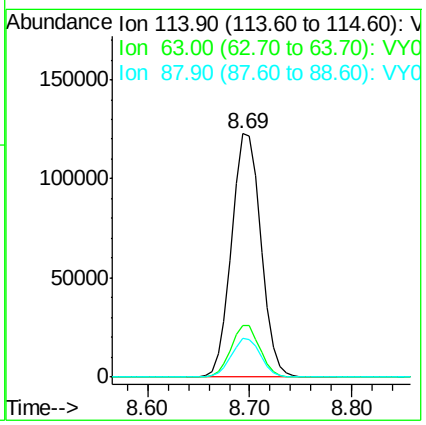


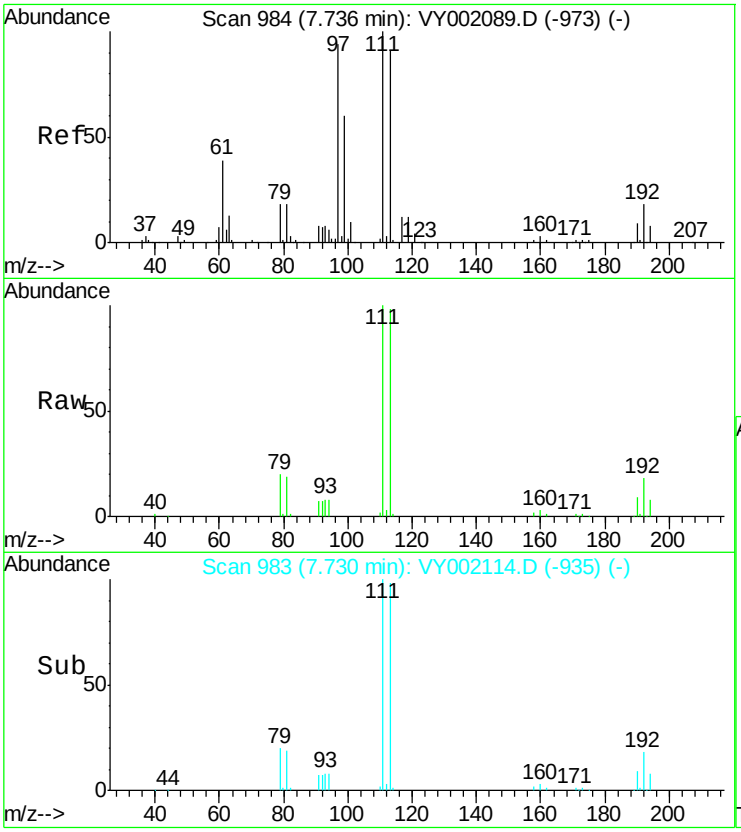


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Tgt Ion:114 Resp: 244288

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.4
88	15.7	0.0	33.0



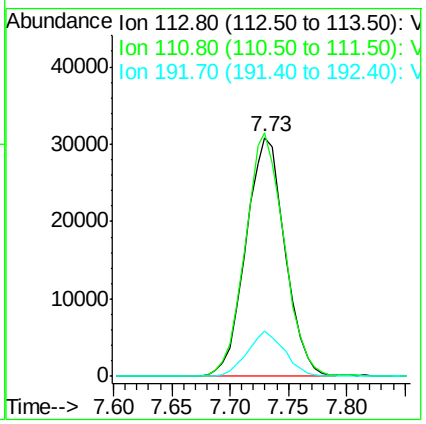


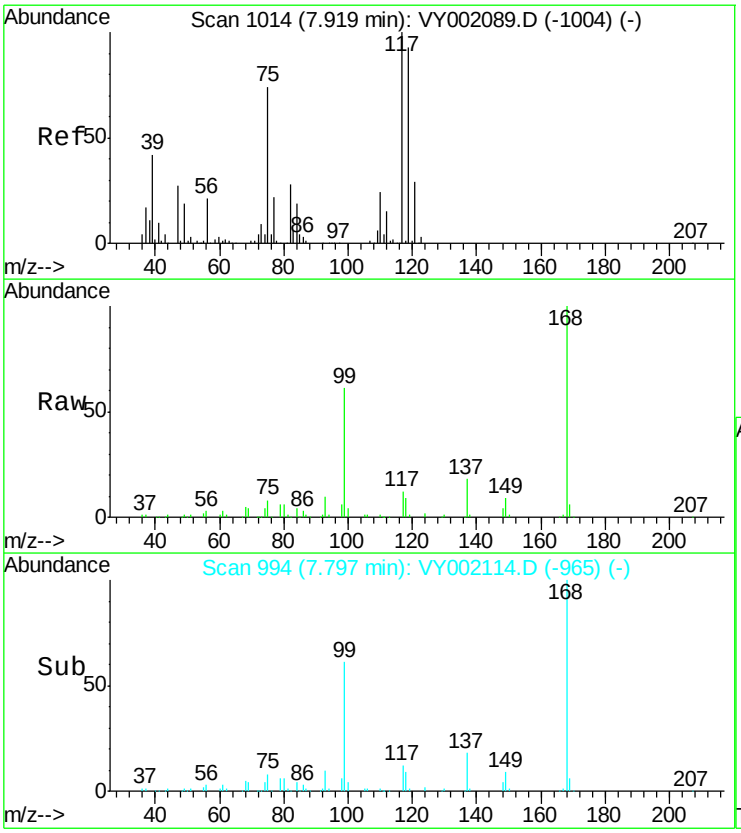
#35
Dibromofluoromethane
Concen: 52.855 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.5-6.0

Tgt Ion:113 Resp: 72347

Ion	Ratio	Lower	Upper
113	100		
111	101.5	84.4	126.6
192	17.8	14.6	21.8

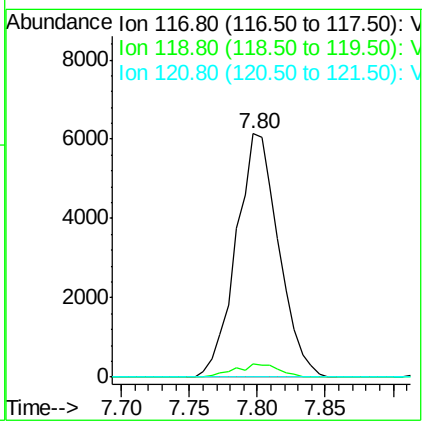


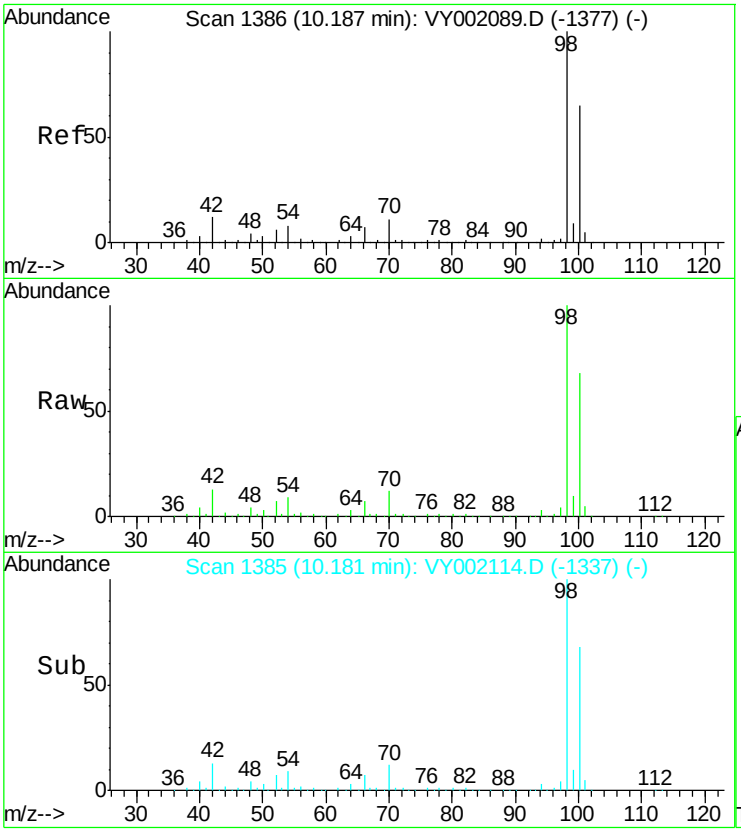


#38
Carbon Tetrachloride
Concen: 6.839 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Tgt Ion:117 Resp: 13407

Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.3	111.5#
121	0.0	23.3	34.9#



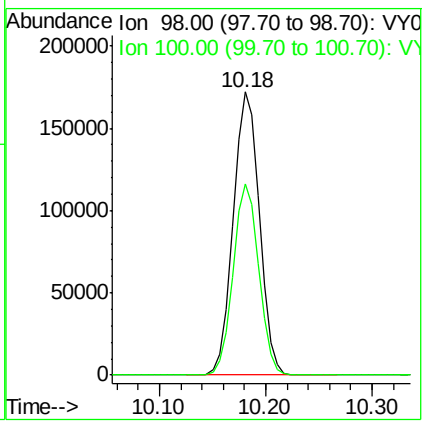


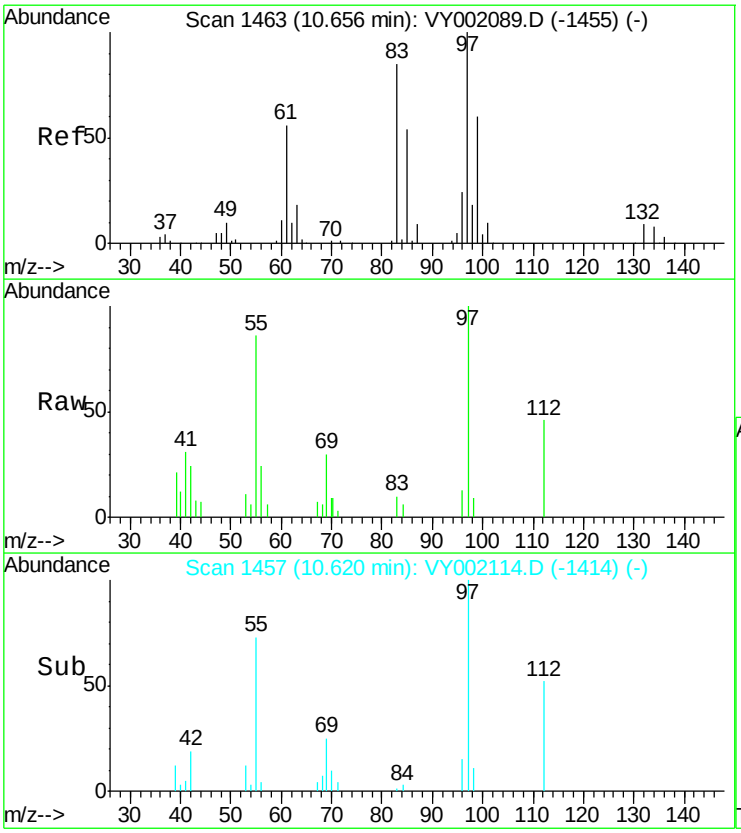
#50
Toluene-d8
Concen: 52.418 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.5-6.0

Tgt Ion: 98 Resp: 298064

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.6	77.4

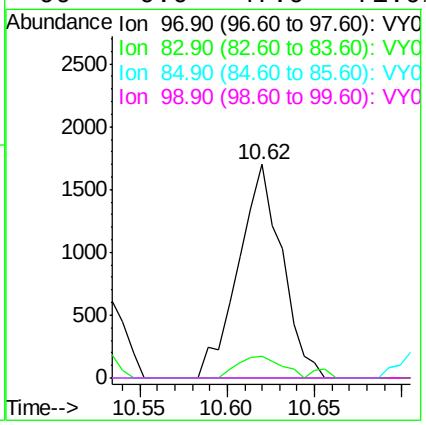


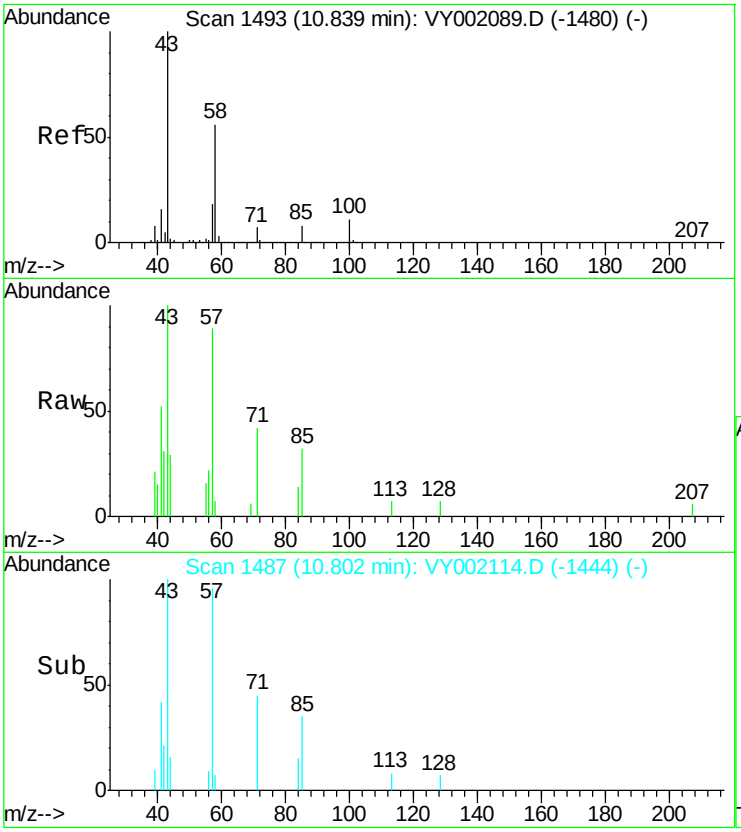


#55
1,1,2-Trichloroethane
Concen: 2.219 ug/l
RT: 10.62 min Scan# 1457
Delta R.T. -0.04 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Tgt Ion: 97 Resp: 2939

Ion	Ratio	Lower	Upper
97	100		
83	10.1	68.2	102.2#
85	0.0	42.9	64.3#
99	0.0	47.9	71.9#



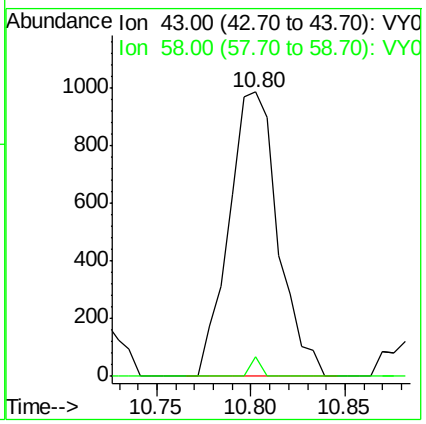


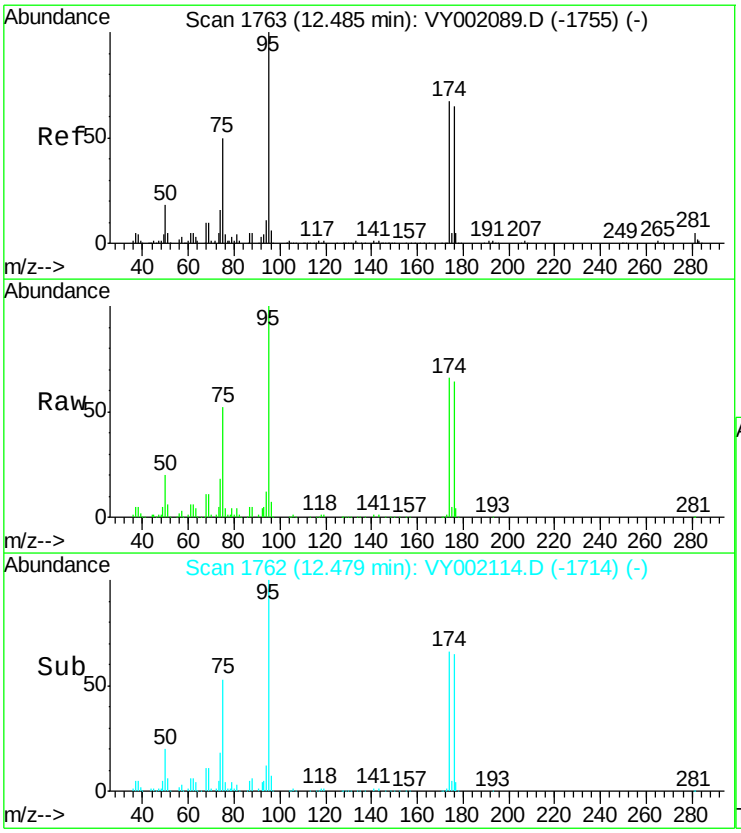
#59
2-Hexanone
Concen: 1.885 ug/l
RT: 10.80 min Scan# 1487
Delta R.T. -0.04 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.5-6.0

Tgt Ion: 43 Resp: 1772

Ion	Ratio	Lower	Upper
43	100		
58	1.3	27.9	83.6#

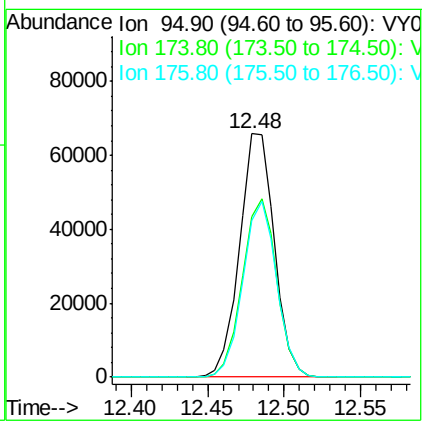


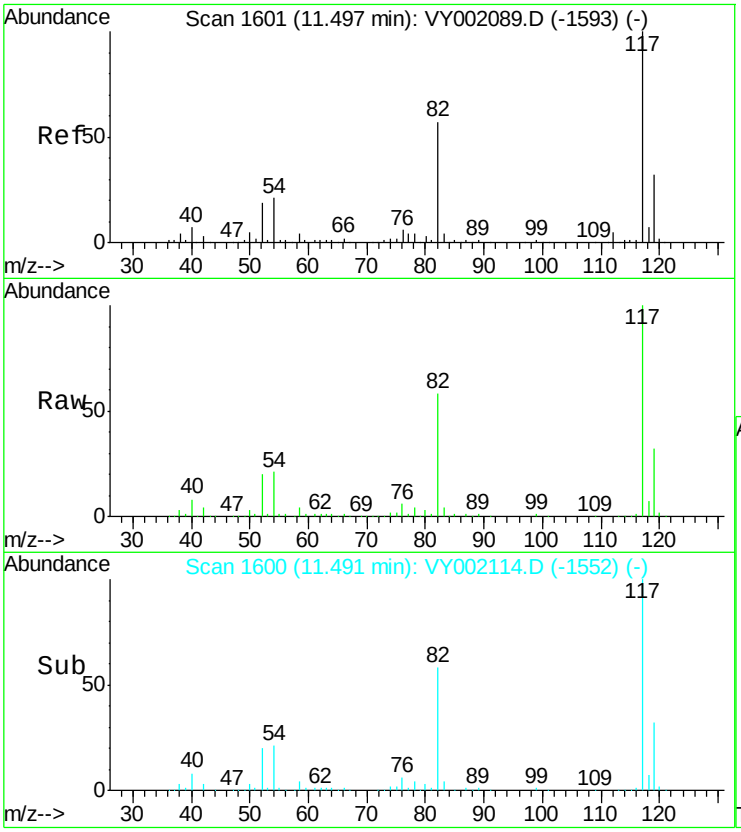


#62
4-Bromofluorobenzene
Concen: 52.054 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Tgt Ion: 95 Resp: 103519

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	143.4
176	70.5	0.0	137.0



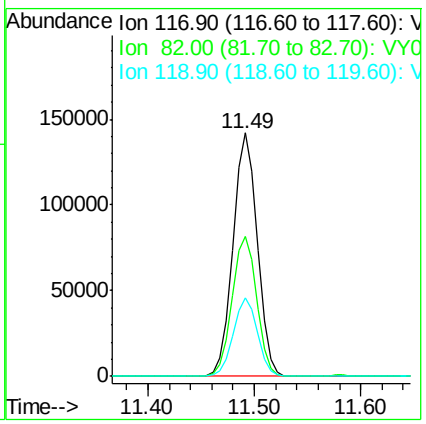


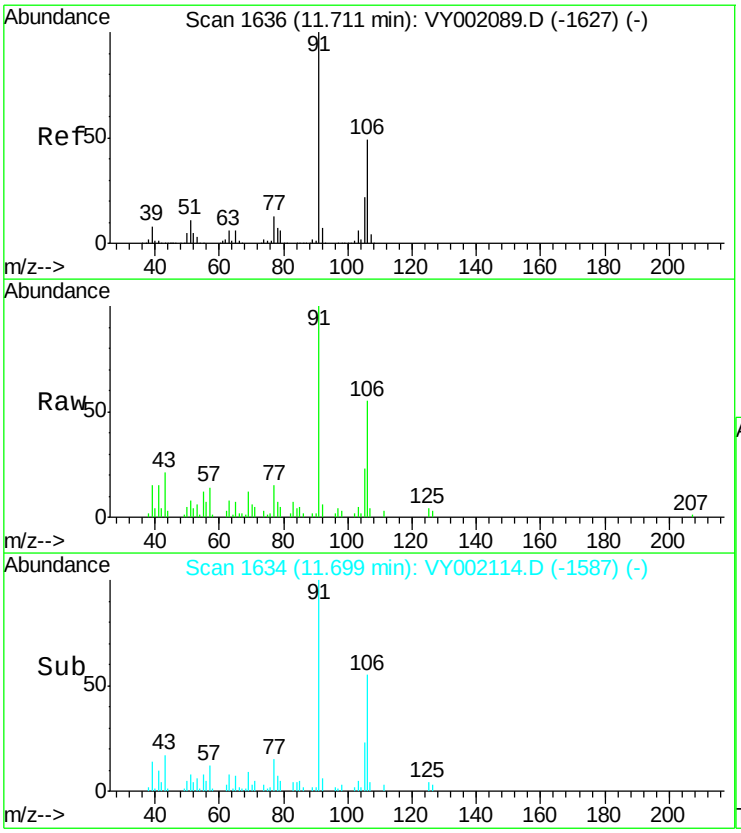
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.5-6.0

Tgt Ion:117 Resp: 227723

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.4	68.2
119	32.1	25.3	37.9

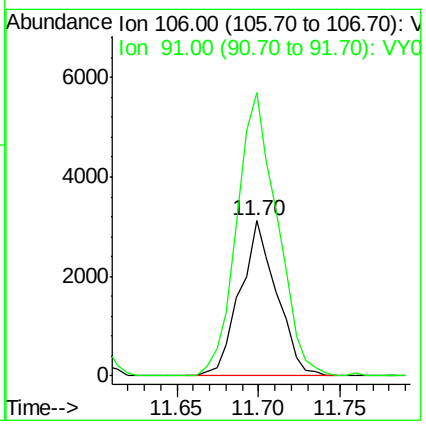


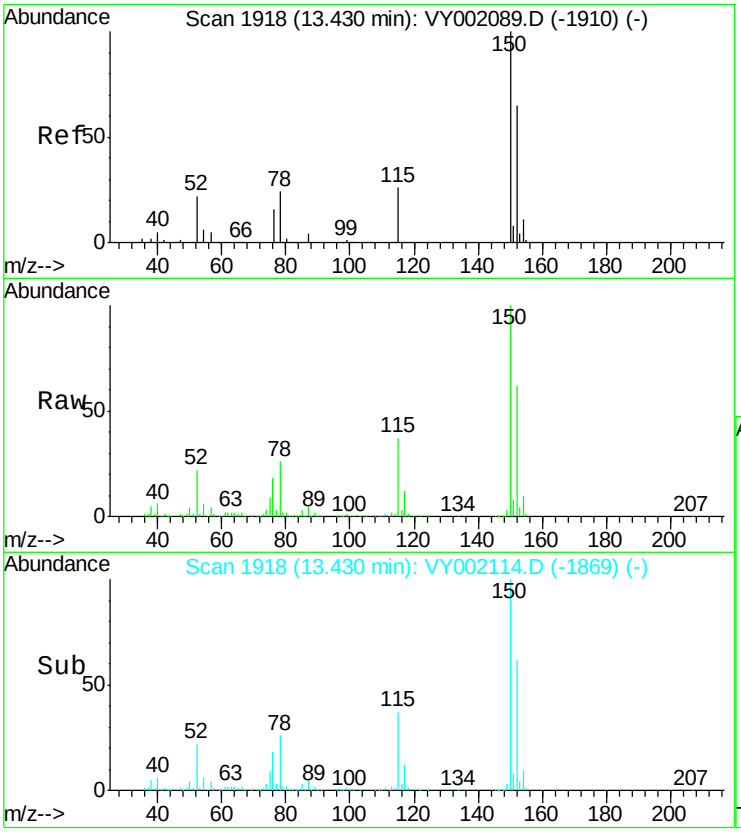


#68
m/p-Xylenes
Concen: 1.620 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Tgt Ion:106 Resp: 4889

Ion	Ratio	Lower	Upper
106	100		
91	201.0	162.8	244.2



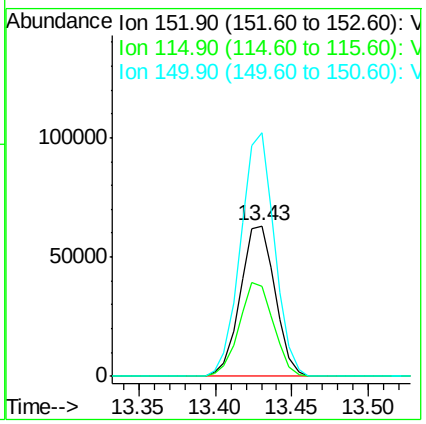


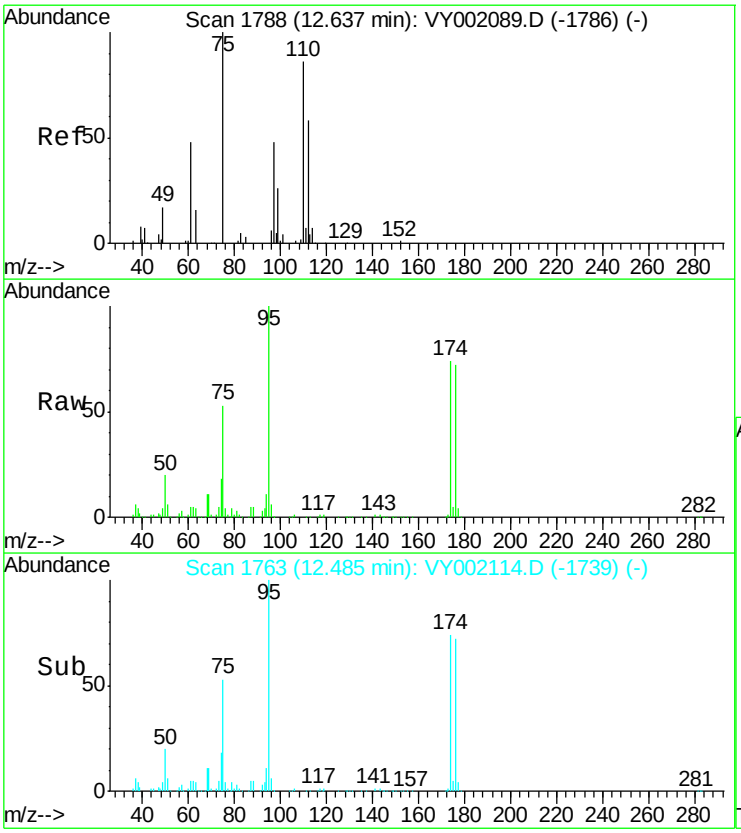
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.5-6.0

Tgt Ion:152 Resp: 99215

Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.2	93.6
150	157.7	0.0	354.8

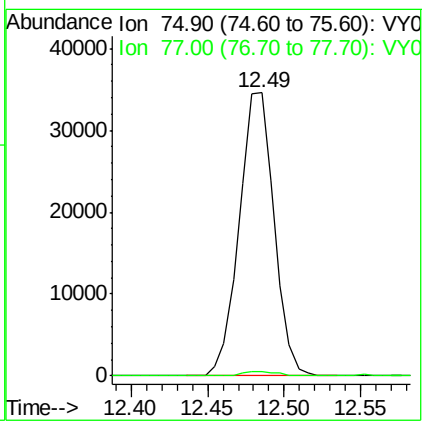


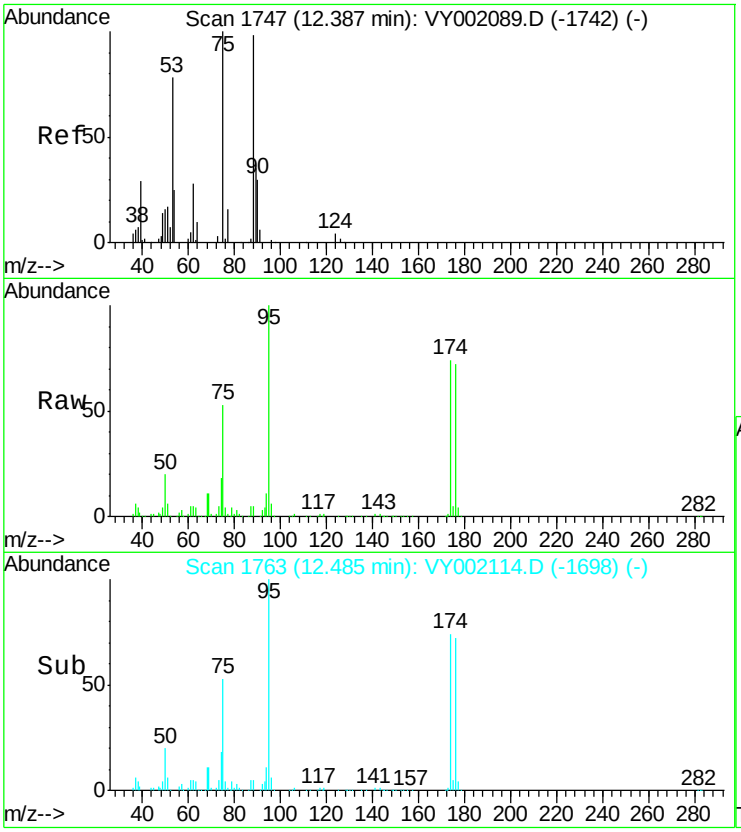


#76
1,2,3-Trichloropropane
Concen: 49.304 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Tgt Ion: 75 Resp: 54718

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 95.519 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY002114.D
Acq: 27 Mar 2020 18:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.5-6.0

Tgt Ion: 75 Resp: 54718

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