Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061620\
Data File : VY002905.D
Acq On : 16 Jun 2020 13:22
Operator : SY/MD
Sample : L2815-06
Misc : 7.31G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Quant Time: Jun 17 01:46:36 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	224066	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	365531	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.49	117	332962	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154353	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.15	65	108838	55.94 ug/l	0.00
Spiked Amount 50.000			Recovery = 111.88%		
35) Dibromofluoromethane	7.72	113	110369	51.52 ug/l	0.00
Spiked Amount 50.000			Recovery = 103.04%		
50) Toluene-d8	10.18	98	425559	49.13 ug/l	0.00
Spiked Amount 50.000			Recovery = 98.26%		
62) 4-Bromofluorobenzene	12.48	95	137228	46.36 ug/l	0.00
Spiked Amount 50.000			Recovery = 92.72%		
Target Compounds					Qvalue
3) Chloromethane	2.12	50	4746	2.783 ug/l	94
11) Tert butyl alcohol	4.98	59	253	Below Cal #	74
16) Acetone	3.96	43	2659	5.829 ug/l	99
18) Methyl Acetate	4.50	43	585	Below Cal #	85
20) Methylene Chloride	4.73	84	7638	3.426 ug/l	94
31) Cyclohexane	7.80	56	7710	2.337 ug/l #	39
36) 1,1-Dichloropropene	7.79	75	13993	4.544 ug/l #	49
38) Carbon Tetrachloride	7.80	117	20643	6.035 ug/l #	15
39) Methylcyclohexane	9.19	83	14963	3.687 ug/l	93
55) 1,1,2-Trichloroethane	10.62	97	4884	2.462 ug/l #	22
59) 2-Hexanone	10.80	43	4455	3.735 ug/l #	22
67) Ethyl Benzene	11.60	91	23332	2.045 ug/l	97
68) m/p-Xylenes	11.70	106	6404	1.448 ug/l	97
69) o-Xylene	12.03	106	10341	2.476 ug/l	93
74) N-amyl acetate	12.12	43	5932	2.337 ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.55	83	2336	1.346 ug/l #	25
76) 1,2,3-Trichloropropane	12.48	75	65334	46.975 ug/l #	100
80) 1,3,5-Trimethylbenzene	12.81	105	26481	3.206 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.48	75	65334	88.501 ug/l #	17
90) Hexachloroethane	13.97	117	2746	1.565 ug/l #	9
91) 1,2-Dichlorobenzene	13.74	146	6582	1.488 ug/l #	33
92) 1,2-Dibromo-3-Chloropropan	14.33	75	504	1.509 ug/l #	1
95) Naphthalene	15.23	128	71850	10.745 ug/l	99

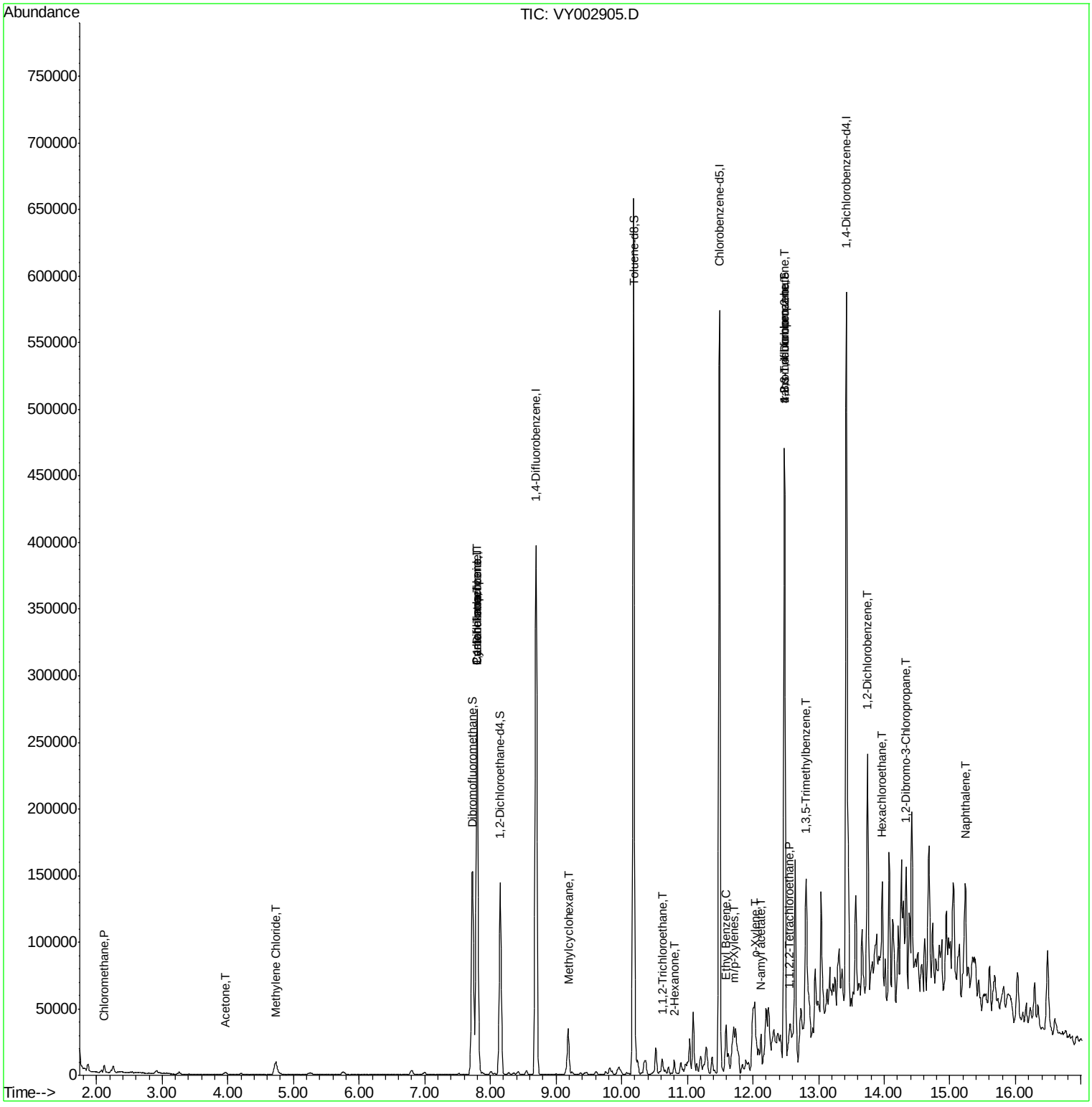
(#) = qualifier out of range (m) = manual integration (+) = signals summed

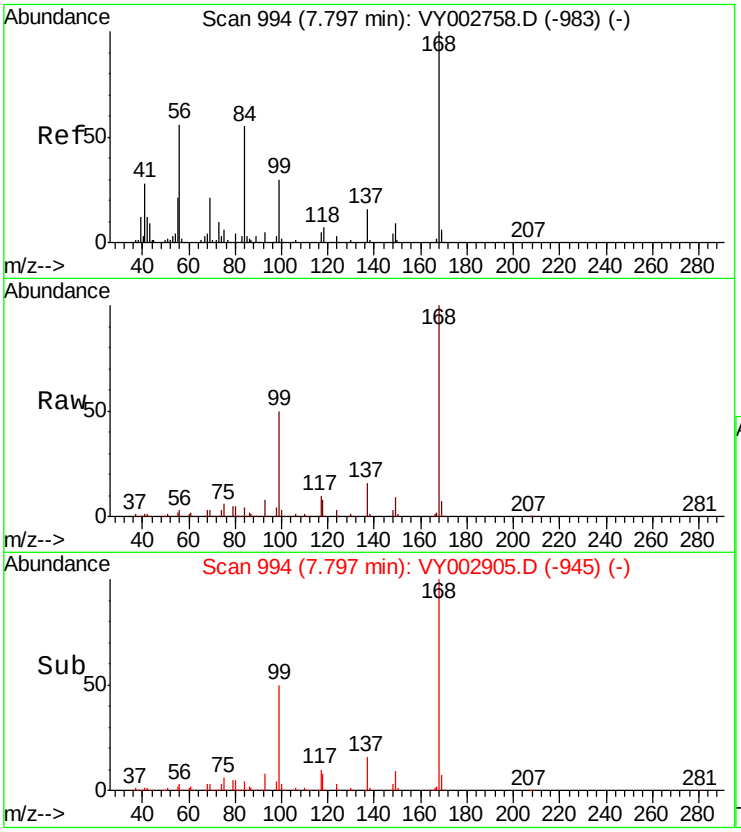
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061620\
Data File : VY002905.D
Acq On : 16 Jun 2020 13:22
Operator : SY/MD
Sample : L2815-06
Misc : 7.31G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Quant Time: Jun 17 01:46:36 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



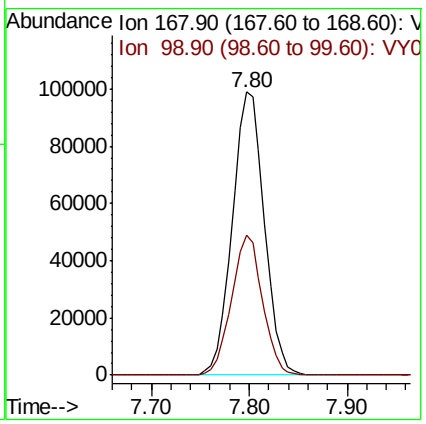


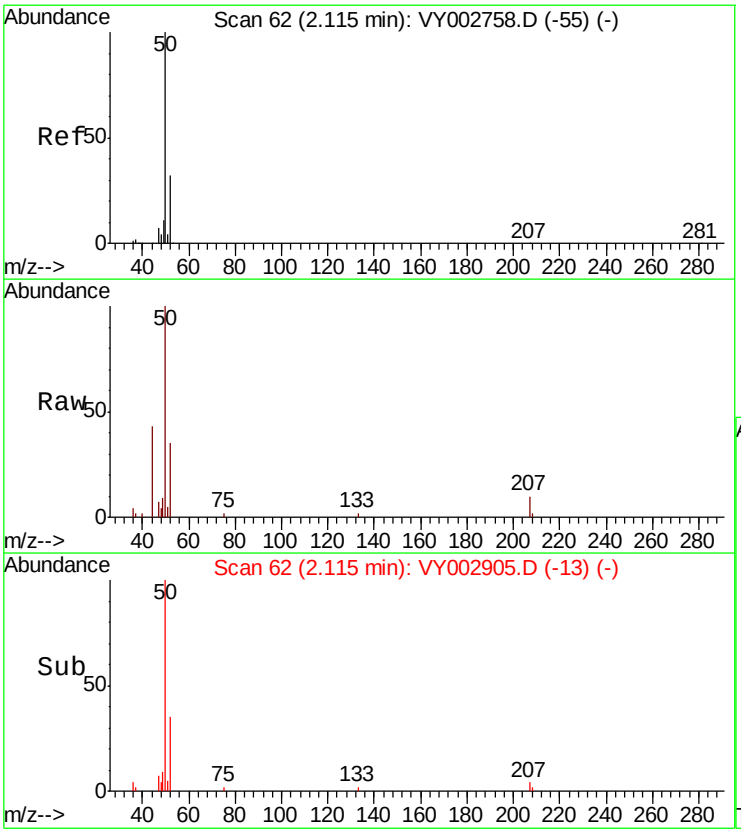
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Tgt Ion:168 Resp: 224066

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.0	58.4

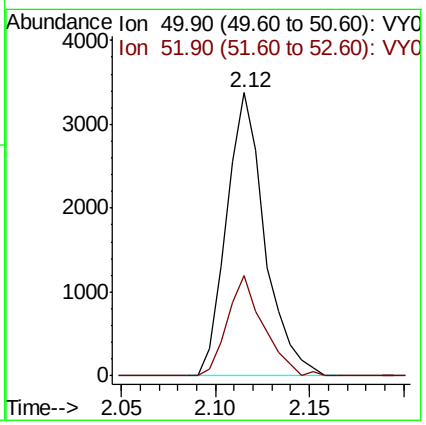


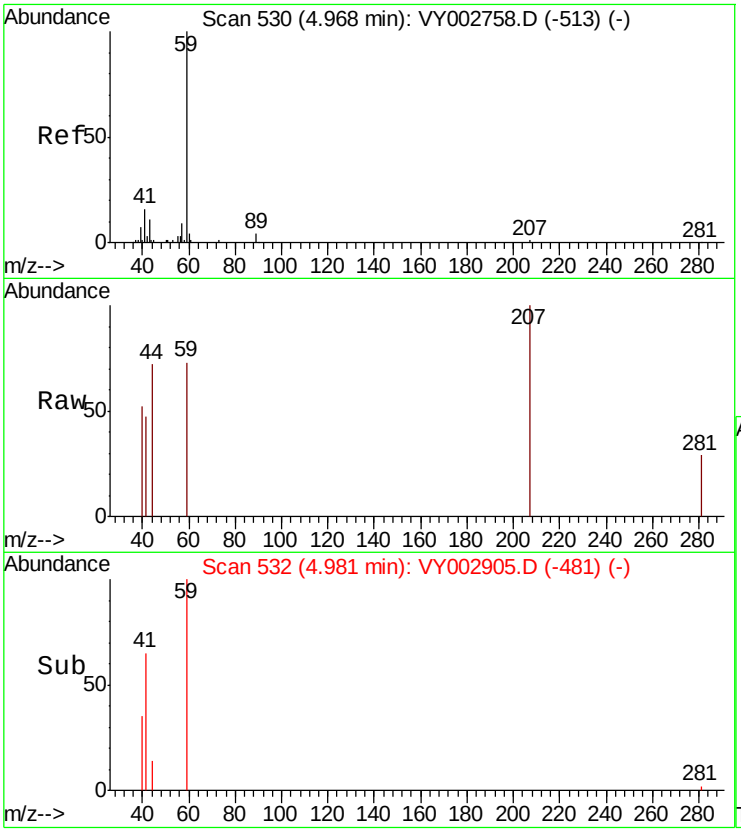


#3
Chloromethane
Concen: 2.783 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 50 Resp: 4746

Ion	Ratio	Lower	Upper
50	100		
52	35.3	25.8	38.6



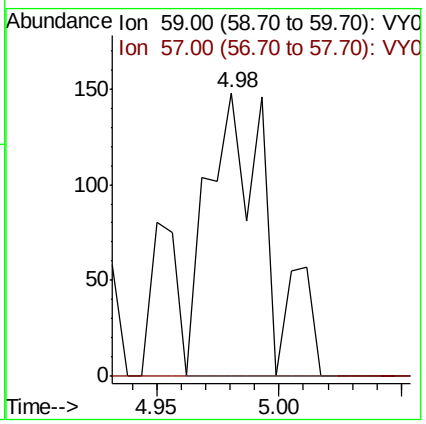


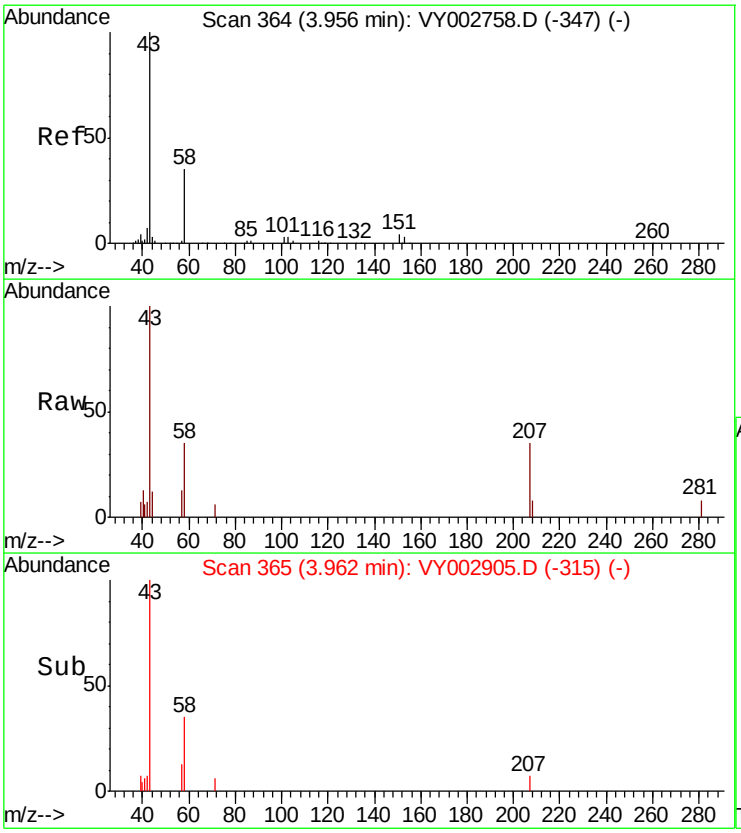
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Tgt Ion: 59 Resp: 253

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

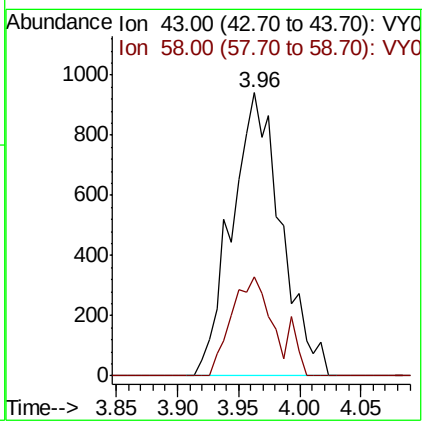


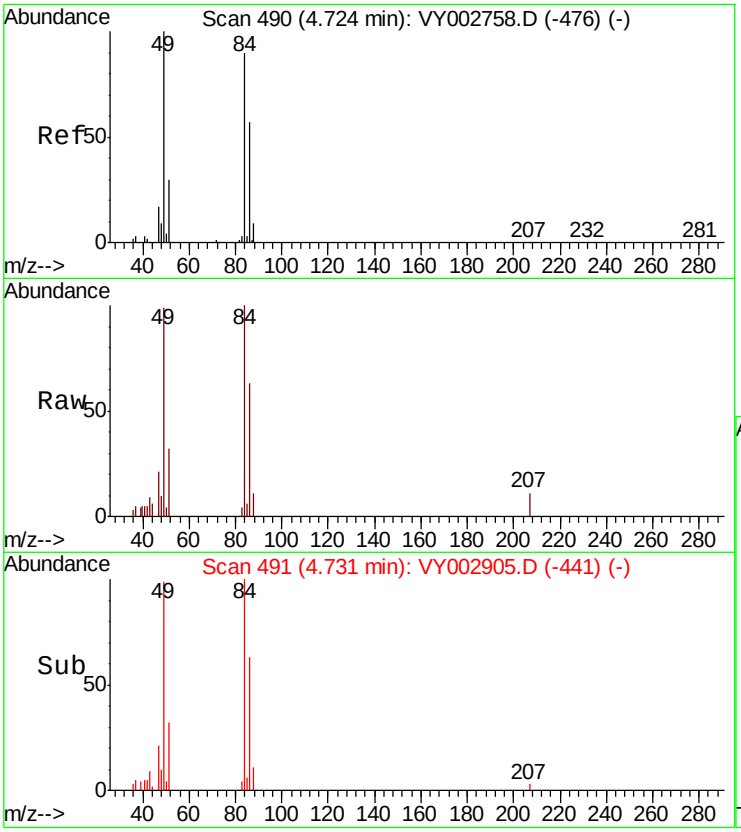


#16
Acetone
Concen: 5.829 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 43 Resp: 2659

Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.7	41.5



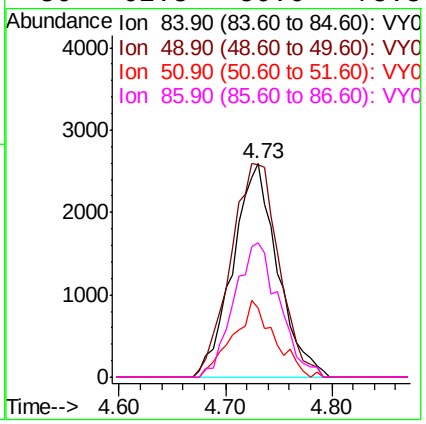


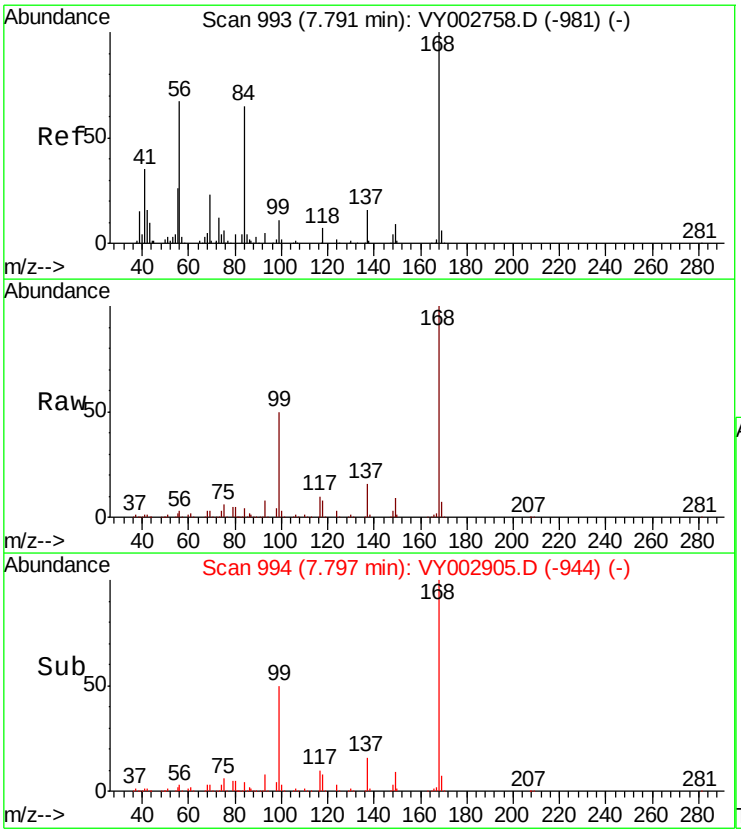
#20
Methylene Chloride
Concen: 3.426 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Tgt Ion: 84 Resp: 7638

Ion	Ratio	Lower	Upper
84	100		
49	99.5	88.5	132.7
51	32.4	26.8	40.2
86	62.8	50.6	75.8

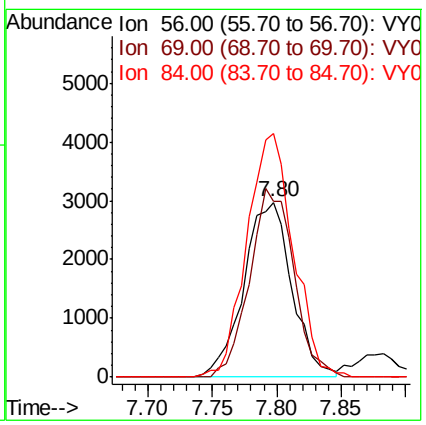


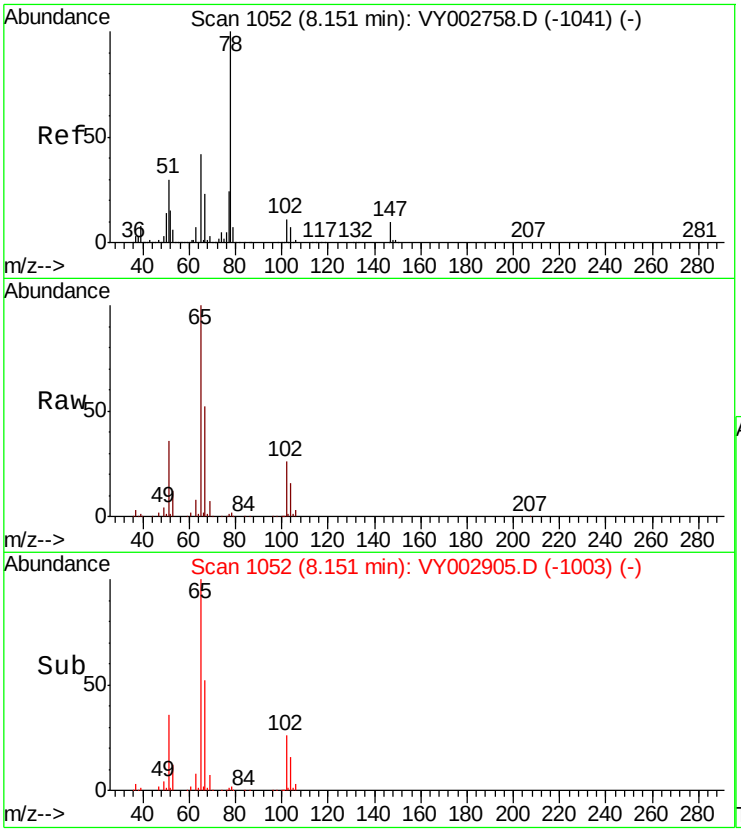


#31
Cyclohexane
Concen: 2.337 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 56 Resp: 7710

Ion	Ratio	Lower	Upper
56	100		
69	100.3	28.0	42.0#
84	139.4	77.7	116.5#



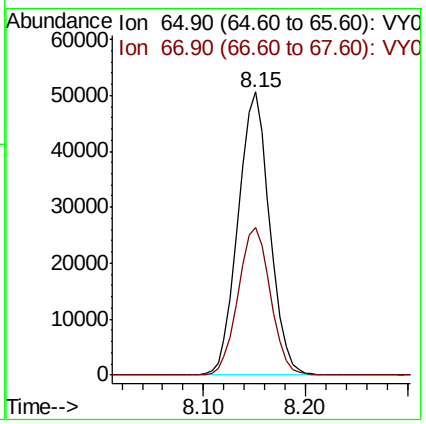


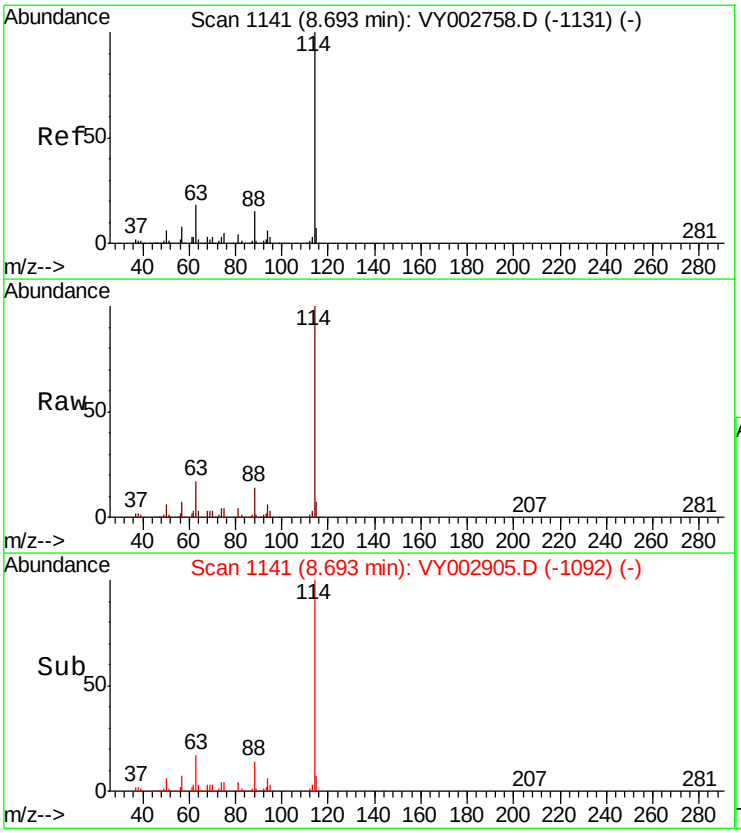
#33
1,2-Dichloroethane-d4
Concen: 55.943 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Tgt Ion: 65 Resp: 108838

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	111.0

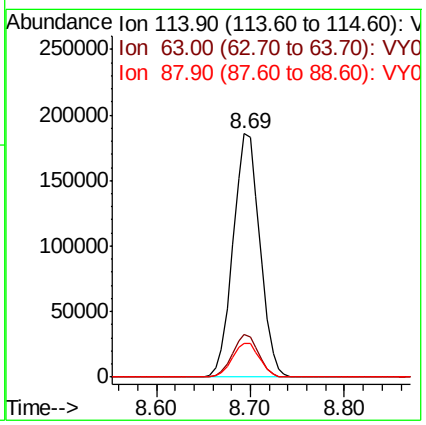


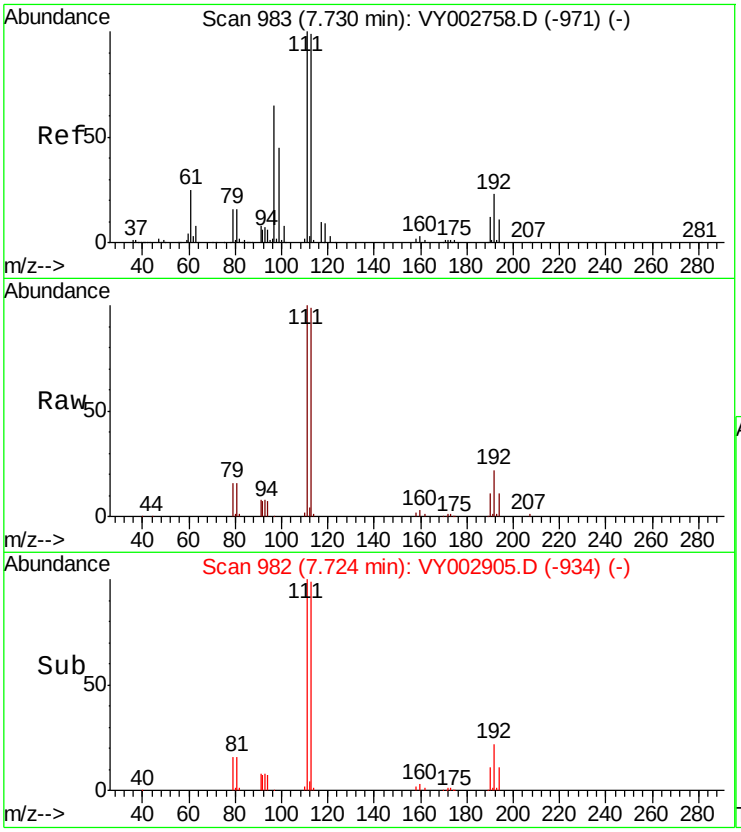


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion:114 Resp: 365531

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.2
88	13.7	0.0	29.2



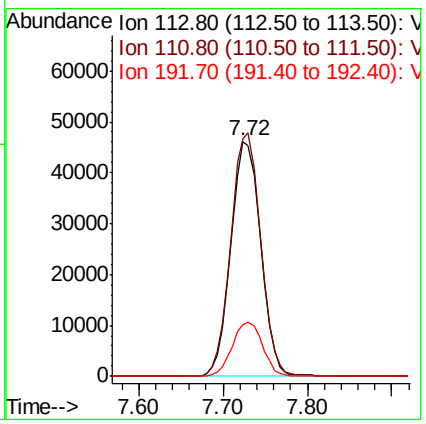


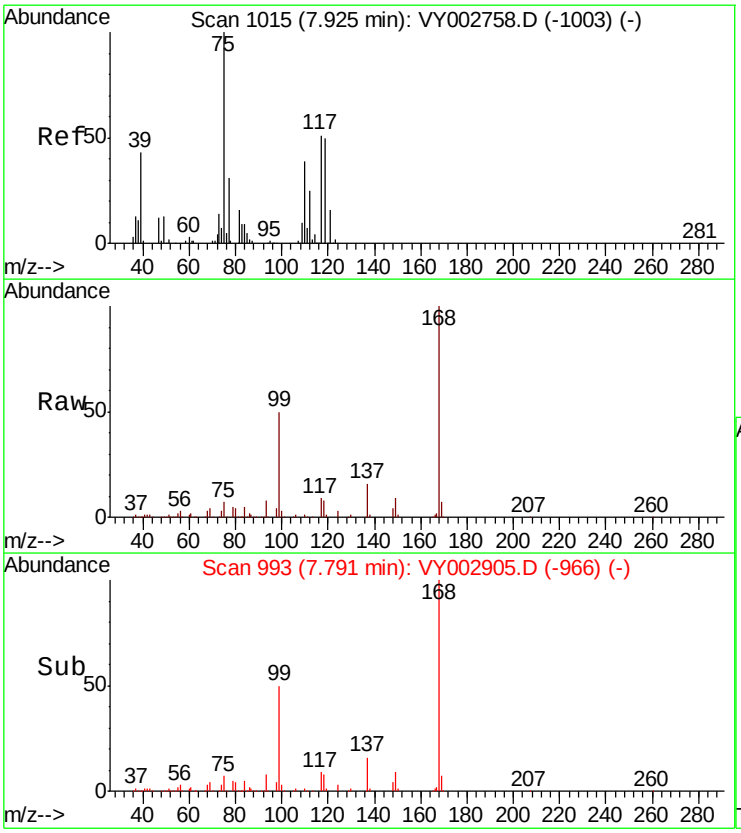
#35
Dibromofluoromethane
Concen: 51.521 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061520

Tgt Ion:113 Resp: 110369

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.0	123.0
192	23.3	18.9	28.3

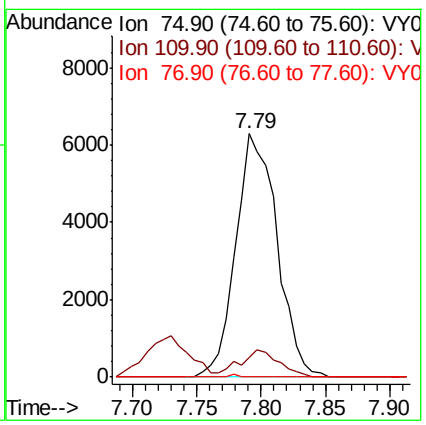


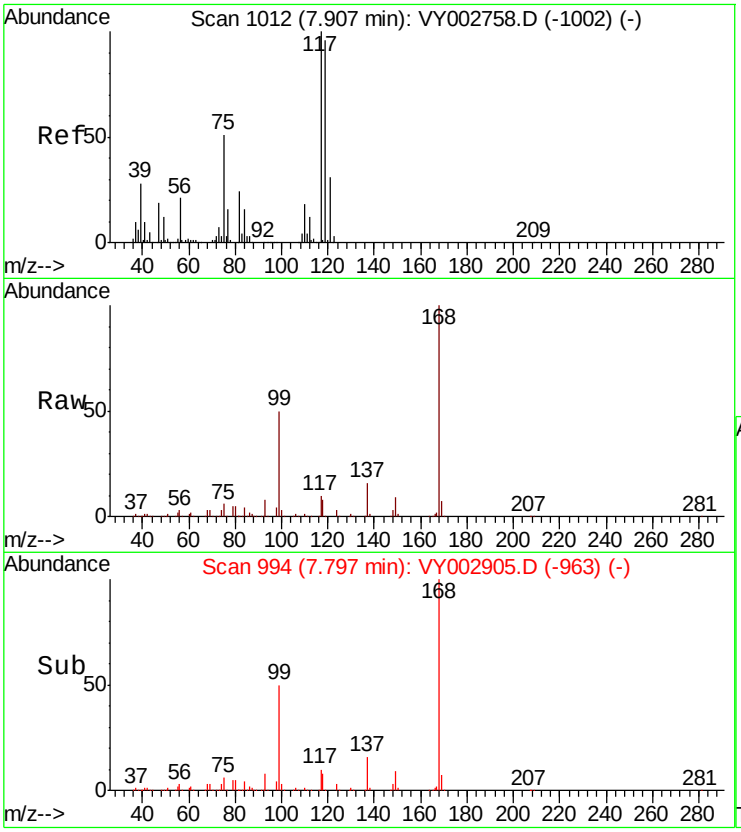


#36
1,1-Dichloropropene
Concen: 4.544 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 75 Resp: 13993

Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.3	57.9#
77	0.0	24.8	37.2#



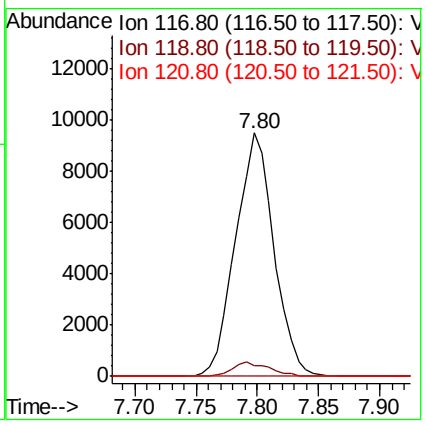


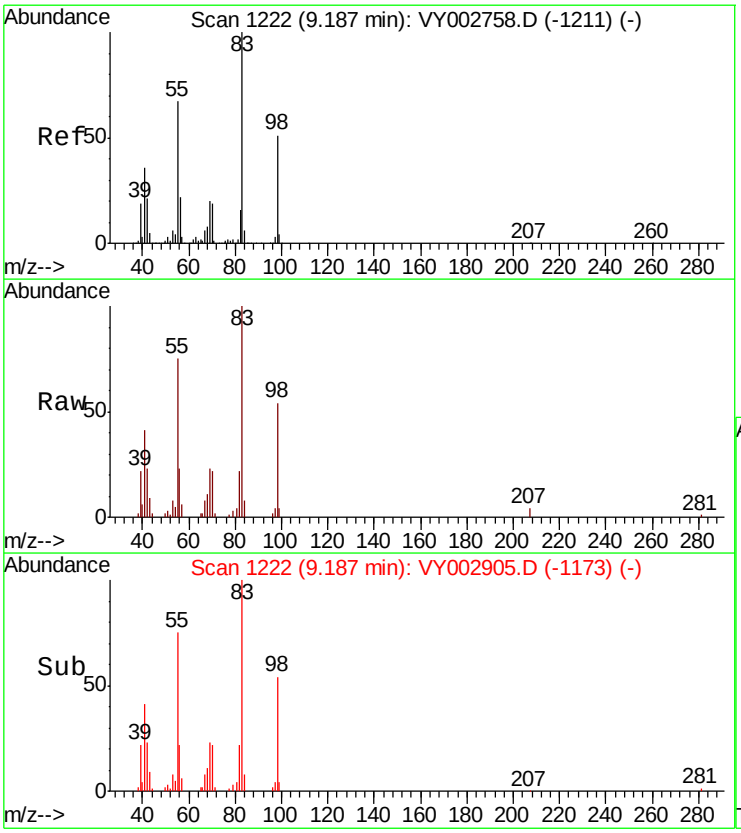
#38
Carbon Tetrachloride
Concen: 6.035 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061520

Tgt Ion:117 Resp: 20643

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.8	115.2#
121	0.0	24.8	37.2#

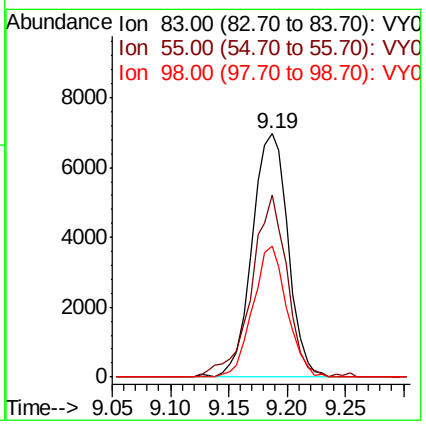


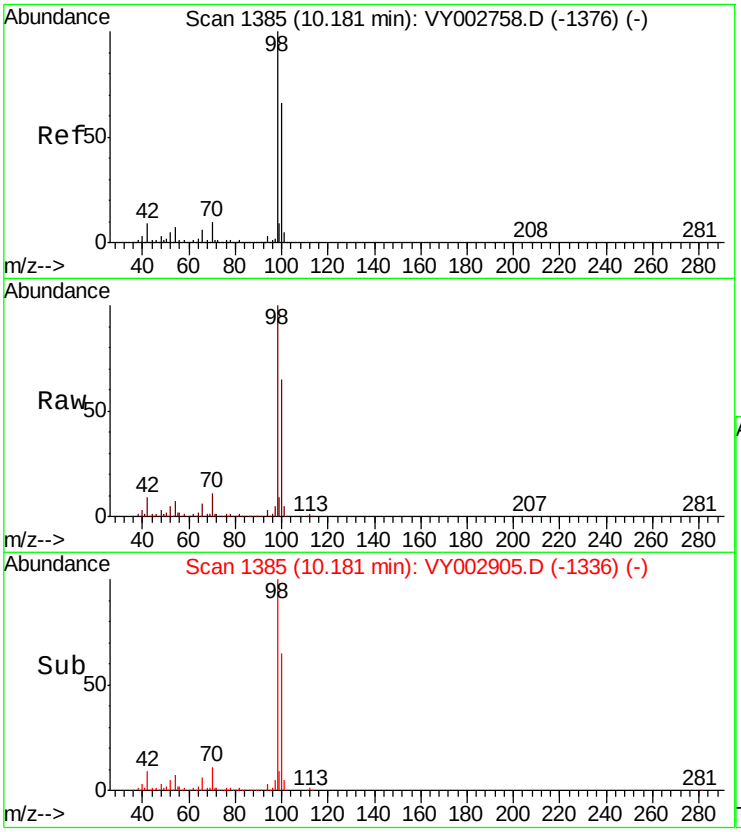


#39
Methylcyclohexane
Concen: 3.687 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 83 Resp: 14963

Ion	Ratio	Lower	Upper
83	100		
55	74.7	53.3	79.9
98	53.8	41.1	61.7



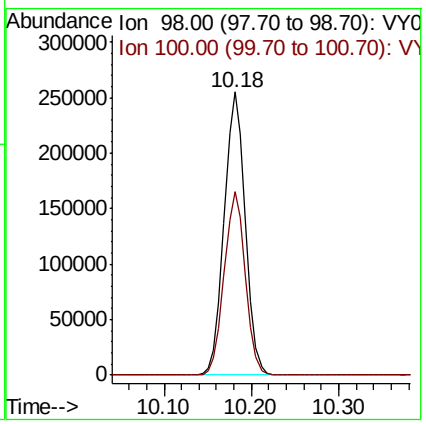


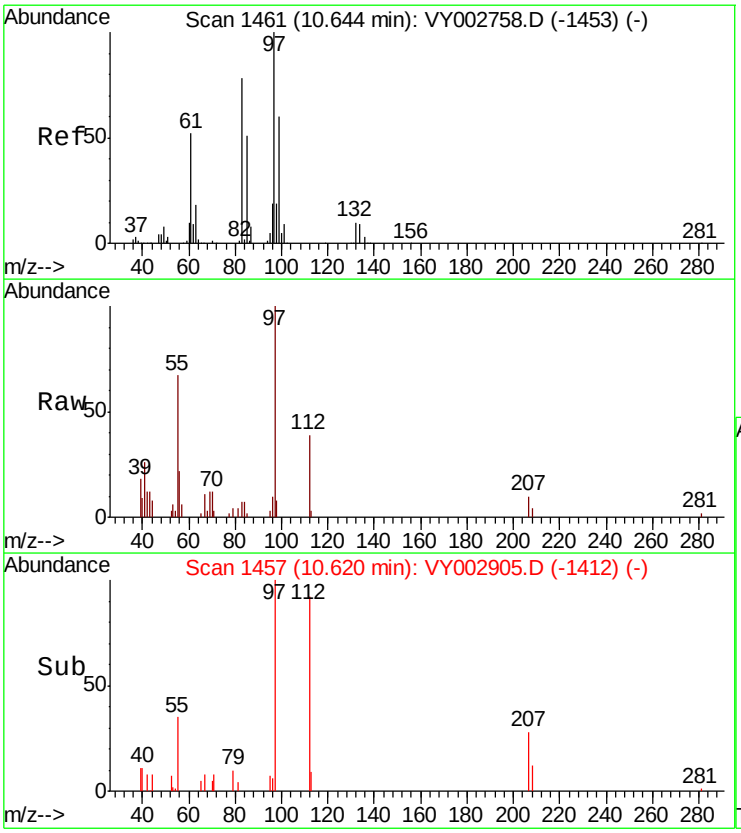
#50
Toluene-d8
Concen: 49.132 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Tgt Ion: 98 Resp: 425559

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

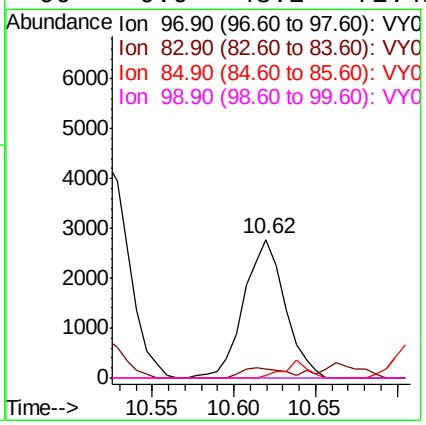


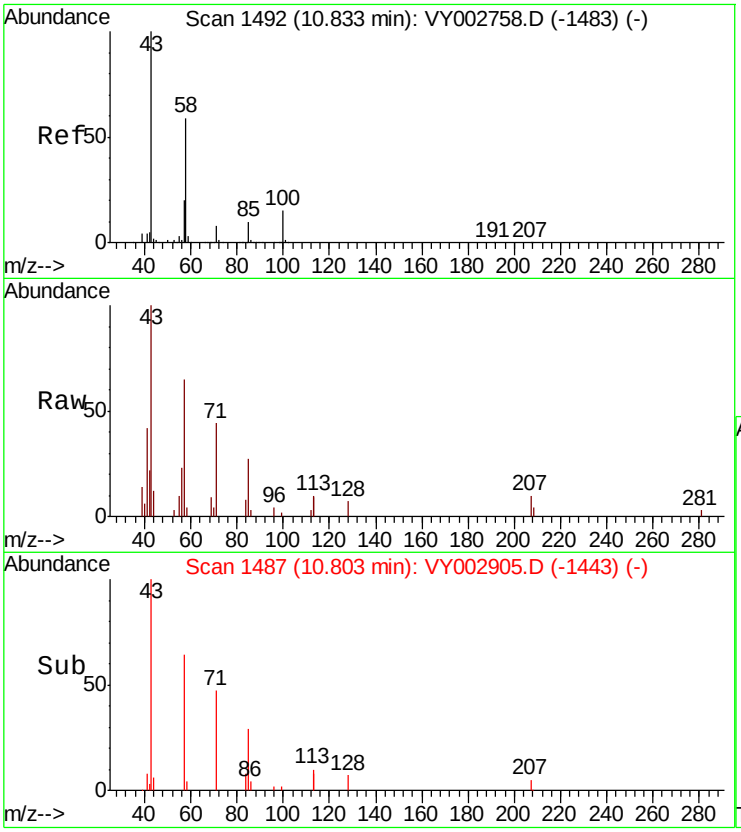


#55
1,1,2-Trichloroethane
Concen: 2.462 ug/l
RT: 10.62 min Scan# 1457
Delta R.T. -0.02 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 97 Resp: 4884

Ion	Ratio	Lower	Upper
97	100		
83	6.7	62.7	94.1#
85	1.8	40.6	60.8#
99	0.0	48.2	72.4#



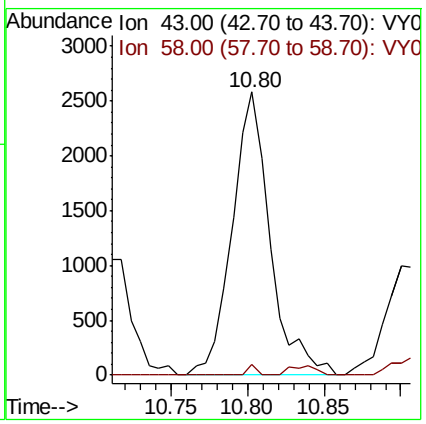


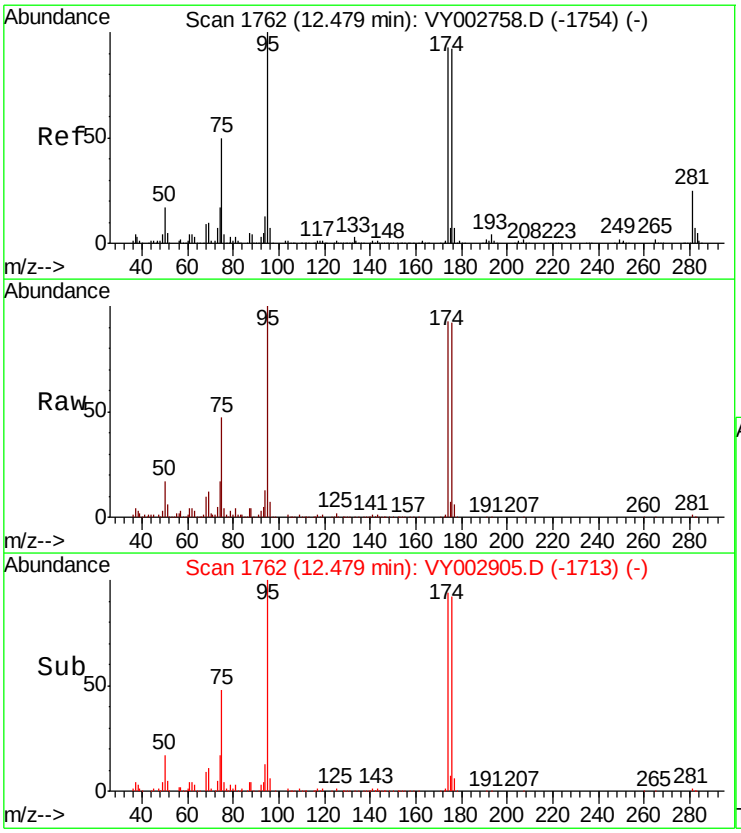
#59
2-Hexanone
Concen: 3.735 ug/l
RT: 10.80 min Scan# 1487
Delta R.T. -0.03 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Tgt Ion: 43 Resp: 4455

Ion	Ratio	Lower	Upper
43	100		
58	0.8	29.5	88.5#

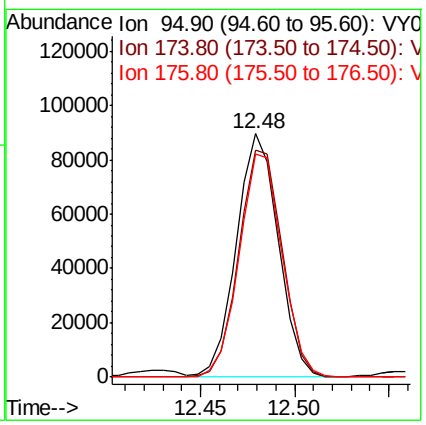


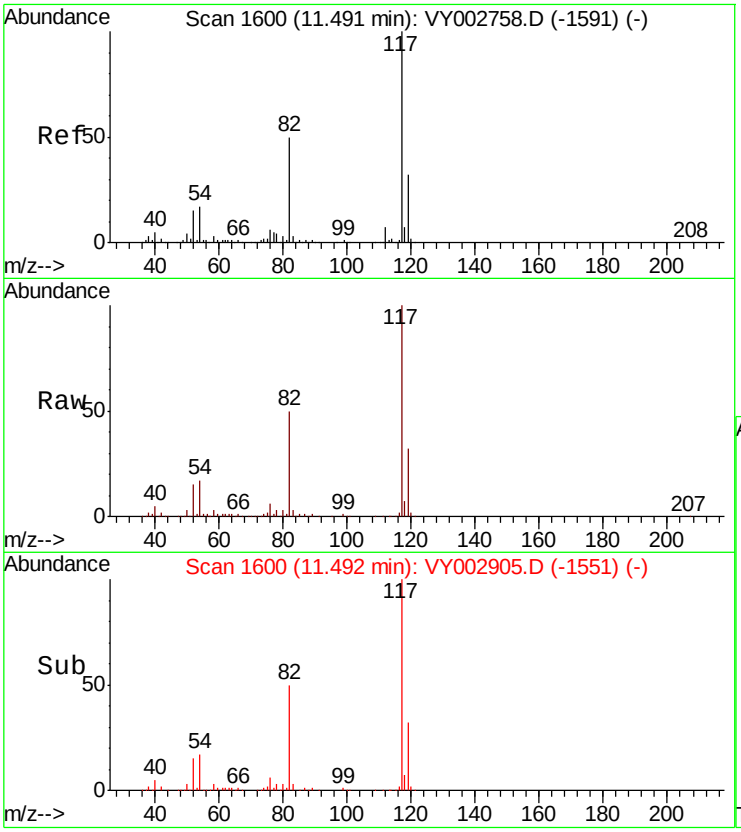


#62
4-Bromofluorobenzene
Concen: 46.360 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 95 Resp: 137228

Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	191.2
176	94.3	0.0	188.8



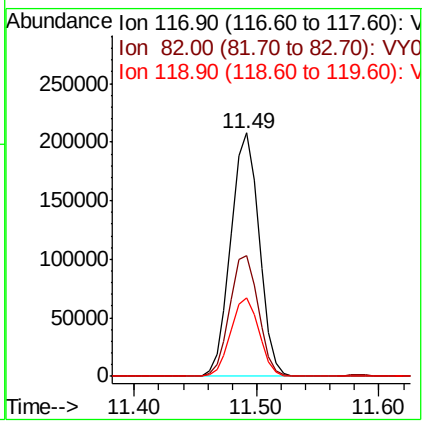


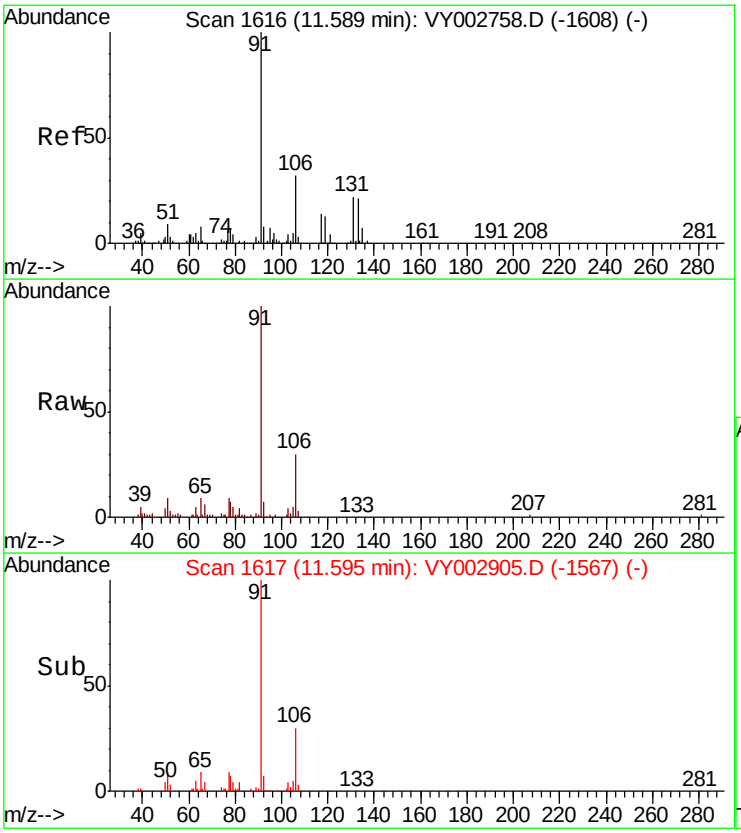
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Tgt Ion:117 Resp: 332962

Ion	Ratio	Lower	Upper
117	100		
82	49.5	40.2	60.4
119	32.4	25.8	38.8

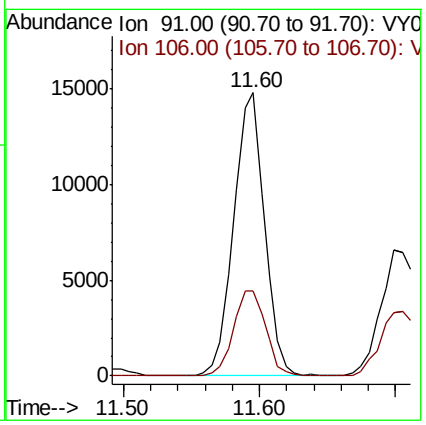


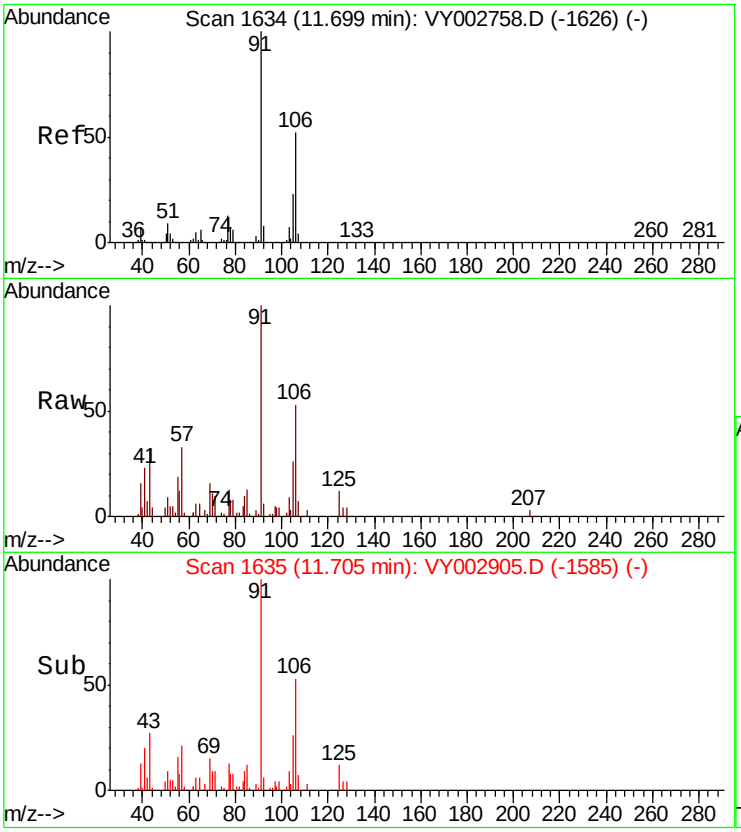


#67
Ethyl Benzene
Concen: 2.045 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 91 Resp: 23332

Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.7	38.5



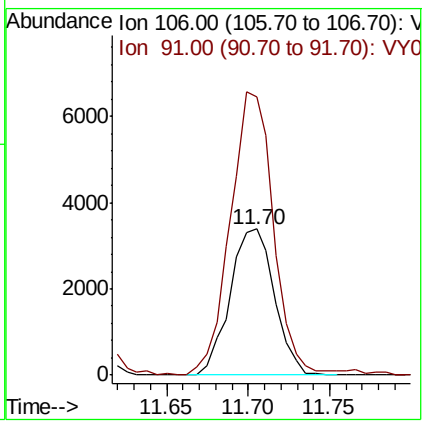


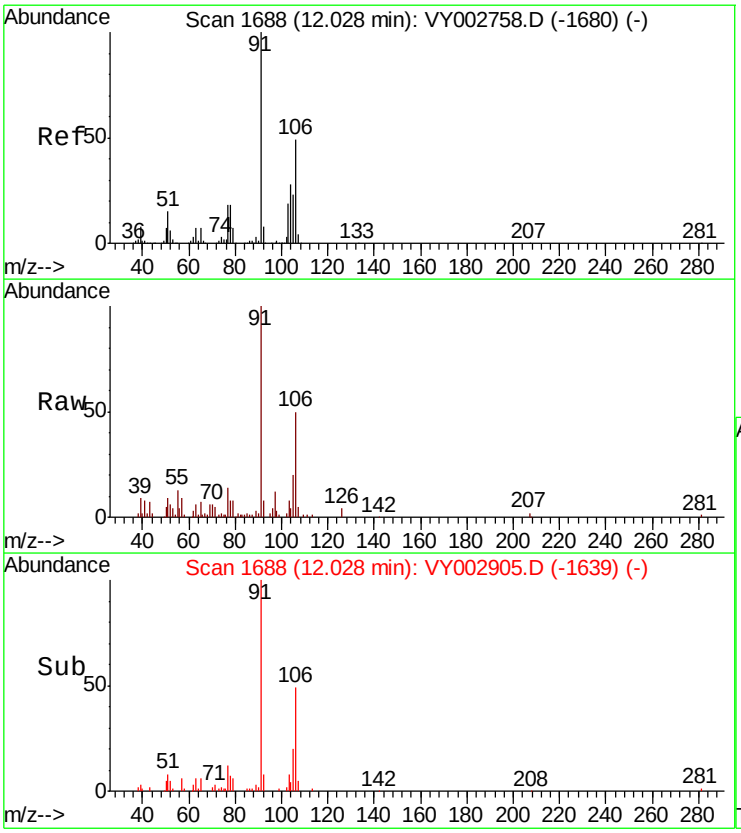
#68
m/p-Xylenes
Concen: 1.448 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061520

Tgt Ion:106 Resp: 6404

Ion	Ratio	Lower	Upper
106	100		
91	190.8	156.0	234.0

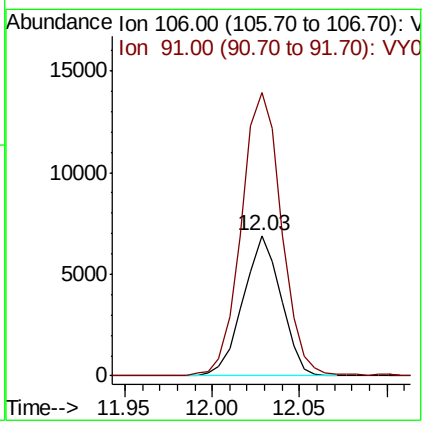


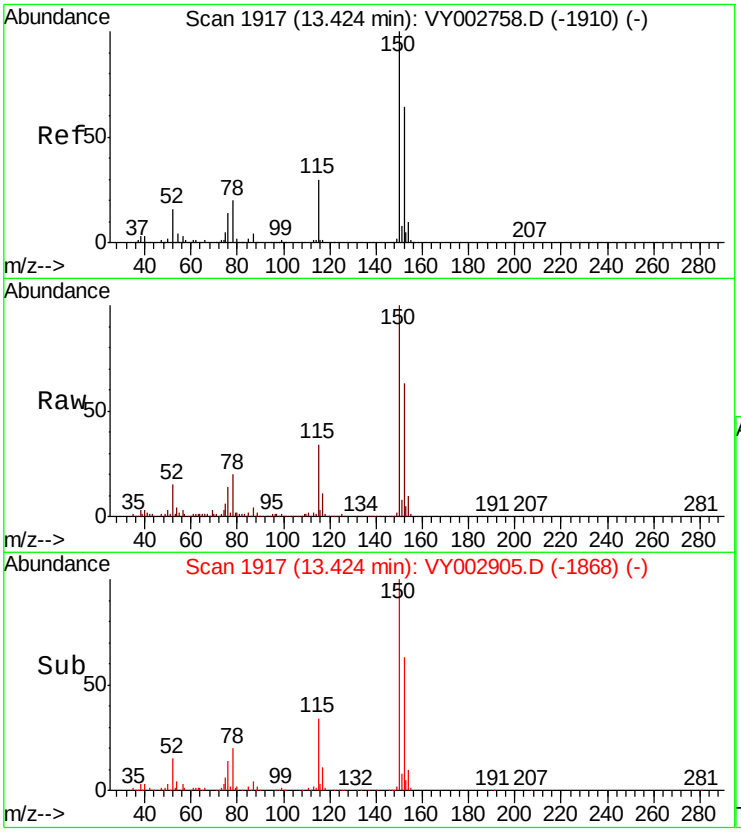


#69
o-Xylene
Concen: 2.476 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion:106 Resp: 10341

Ion	Ratio	Lower	Upper
106	100		
91	215.8	102.4	307.1



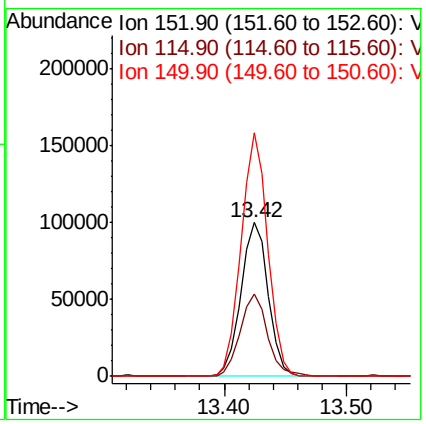


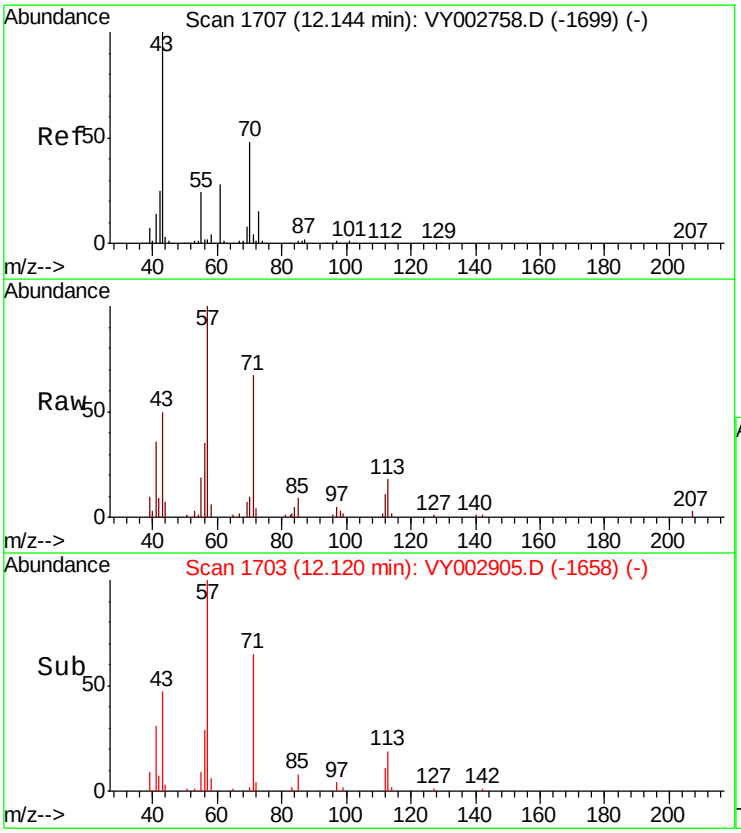
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Tgt Ion:152 Resp: 154353

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.0	81.0
150	153.8	0.0	344.8

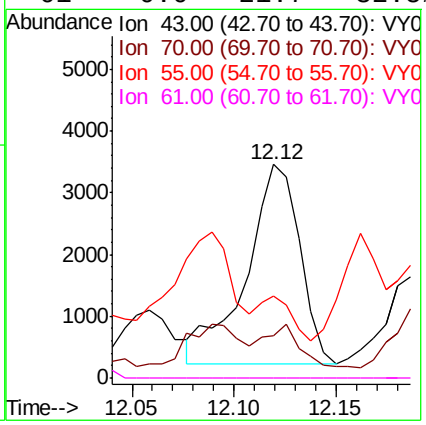


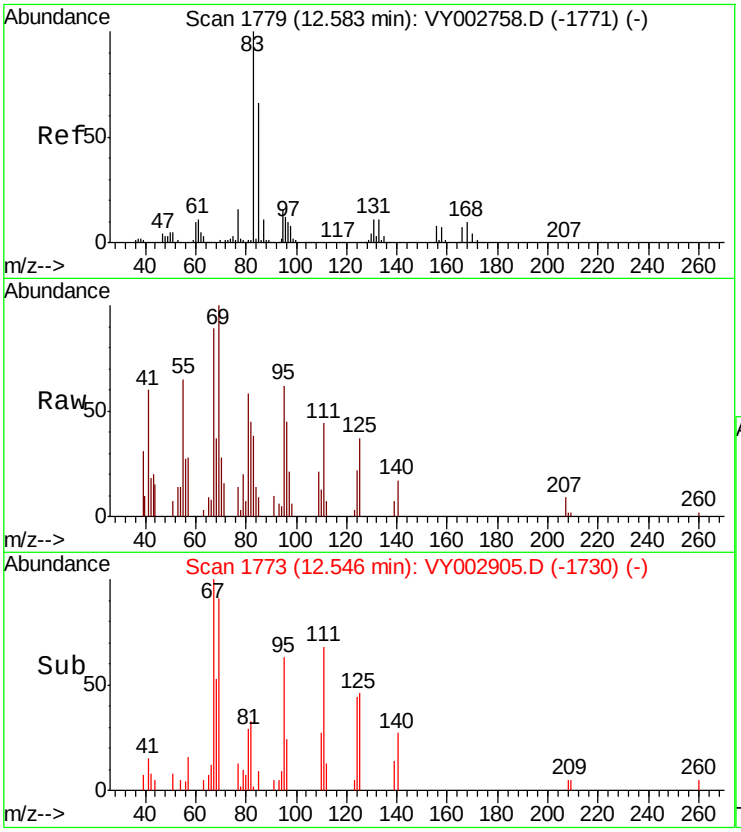


#74
N-amyl acetate
Concen: 2.337 ug/l
RT: 12.12 min Scan# 1703
Delta R.T. -0.02 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 43 Resp: 5932

Ion	Ratio	Lower	Upper
43	100		
70	13.2	37.7	56.5#
55	0.0	19.8	29.6#
61	0.0	21.7	32.5#



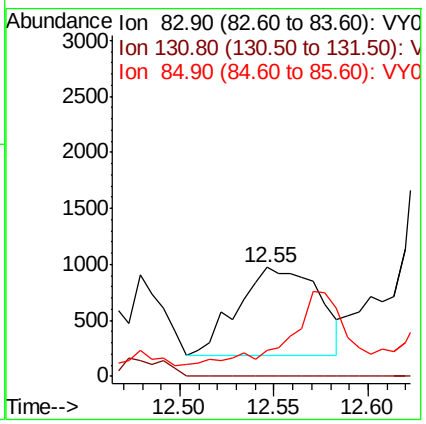


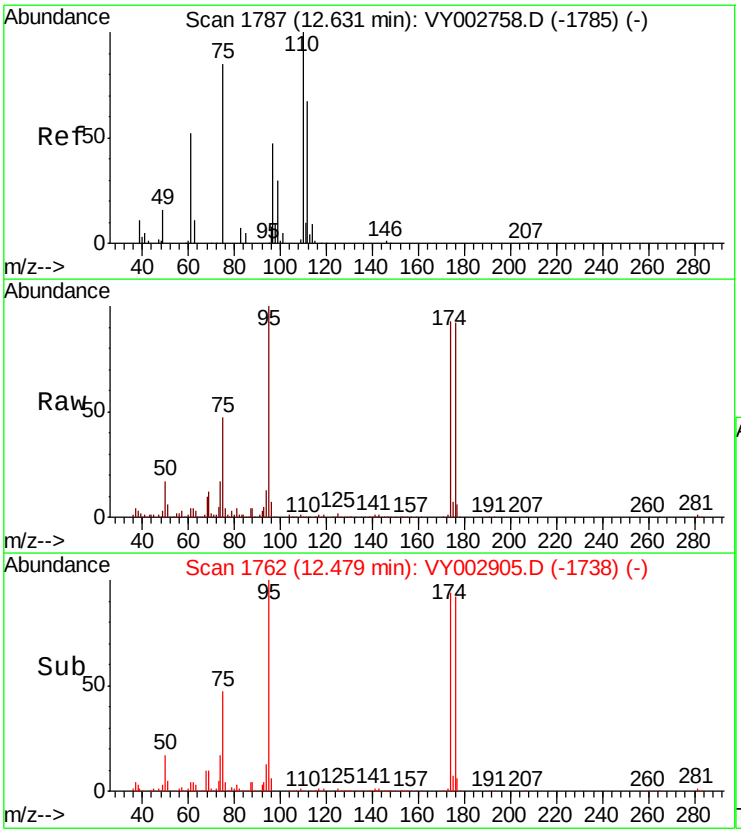
#75
1,1,2,2-Tetrachloroethane
Concen: 1.346 ug/l
RT: 12.55 min Scan# 1773
Delta R.T. -0.04 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Tgt Ion: 83 Resp: 2336

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.4#
85	0.0	32.6	98.0#

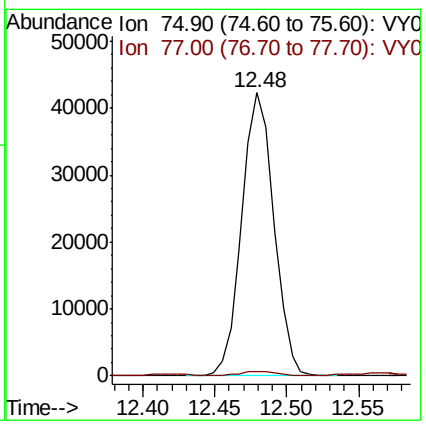


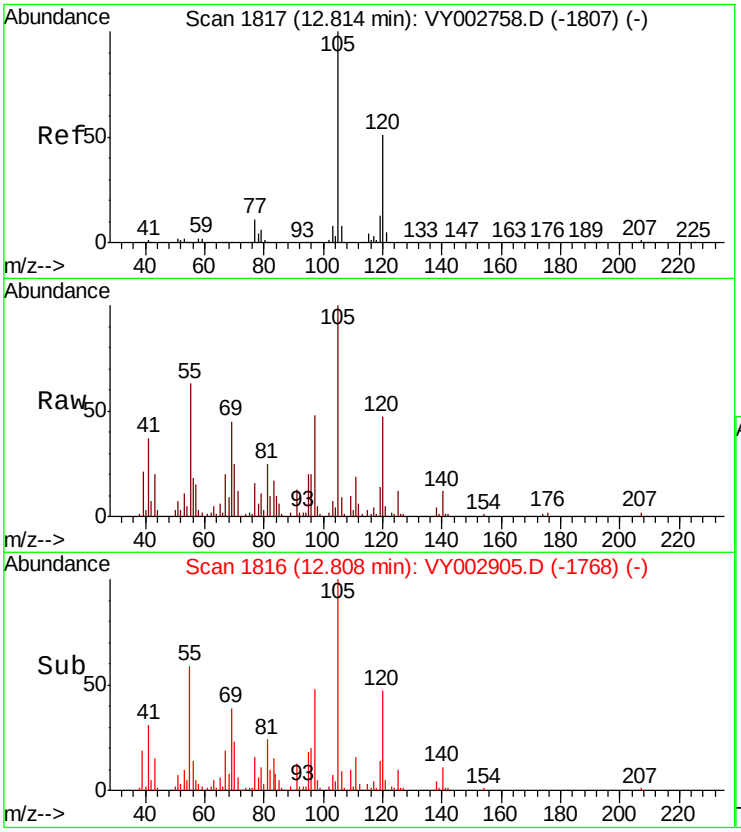


#76
1,2,3-Trichloropropane
Concen: 46.975 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 75 Resp: 65334

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#



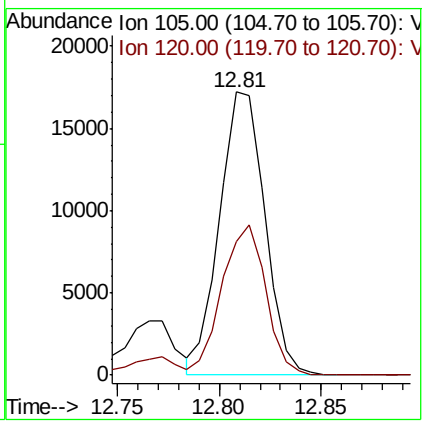


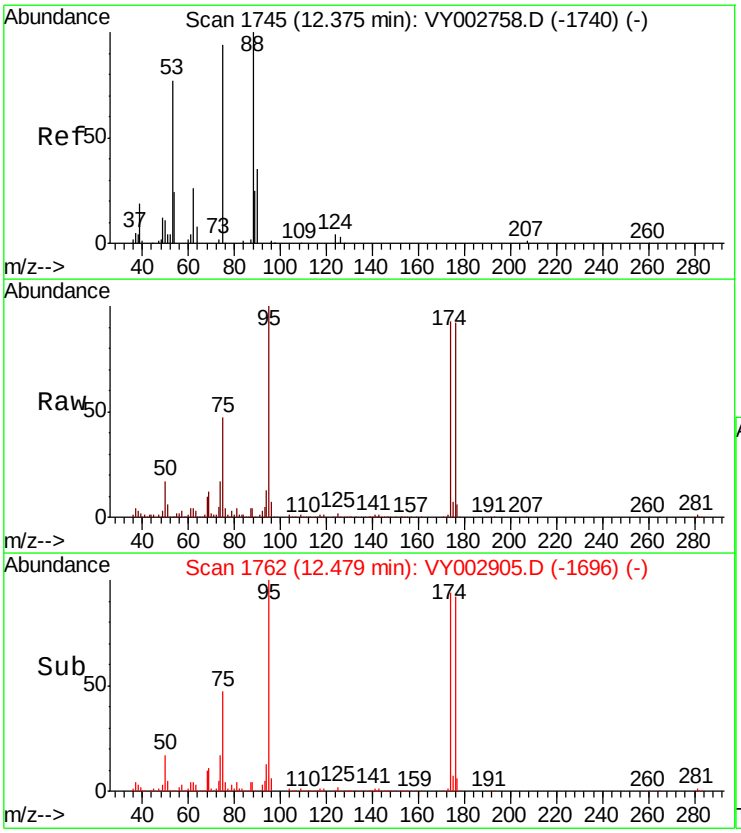
#80
1,3,5-Trimethylbenzene
Concen: 3.206 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061520

Tgt Ion:105 Resp: 26481

Ion	Ratio	Lower	Upper
105	100		
120	51.5	25.3	75.8

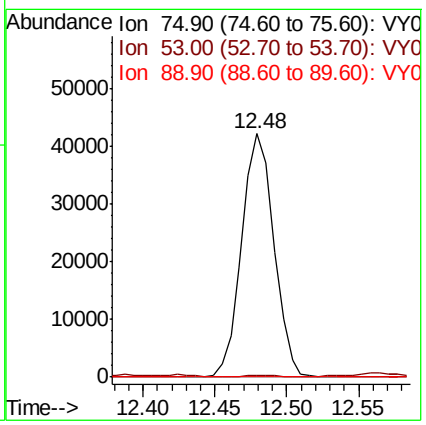


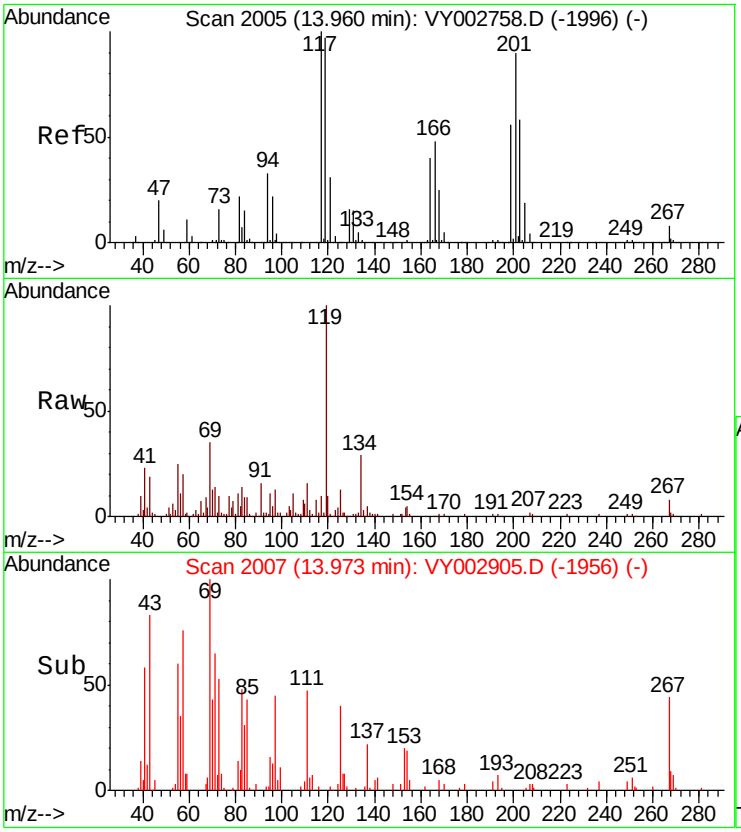


#81
trans-1,4-Dichloro-2-butene
Concen: 88.501 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 75 Resp: 65334

Ion	Ratio	Lower	Upper
75	100		
53	0.5	64.0	96.0#
89	0.0	37.4	56.2#



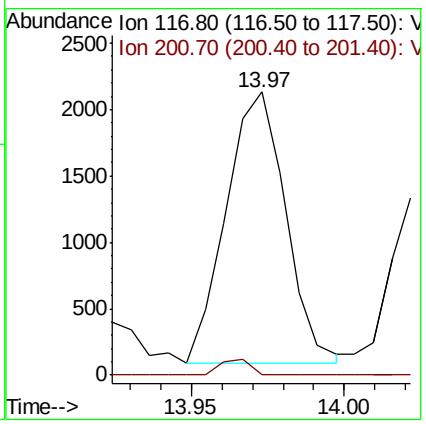


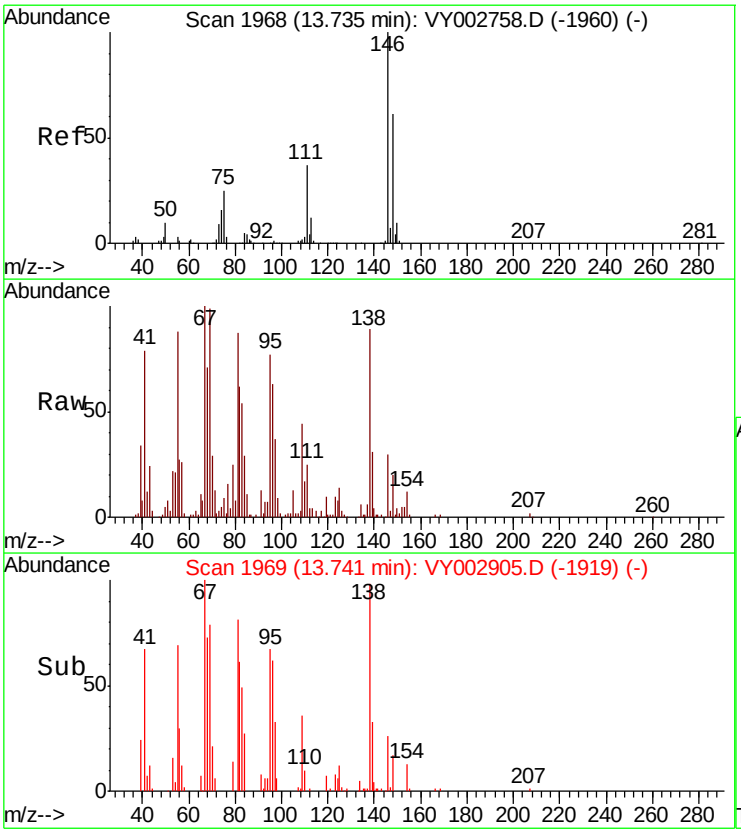
#90
Hexachloroethane
Concen: 1.565 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument : MSVOA_Y
ClientSampleId : OR-03-061520

Tgt Ion:117 Resp: 2746

Ion	Ratio	Lower	Upper
117	100		
201	2.9	43.9	131.6#

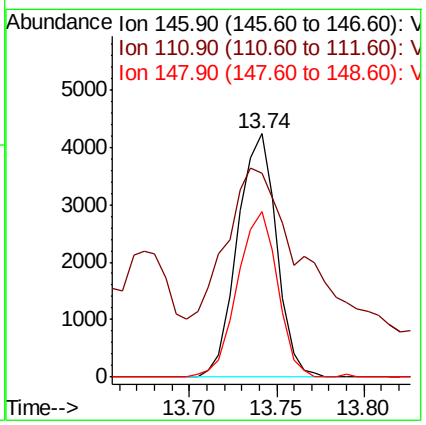


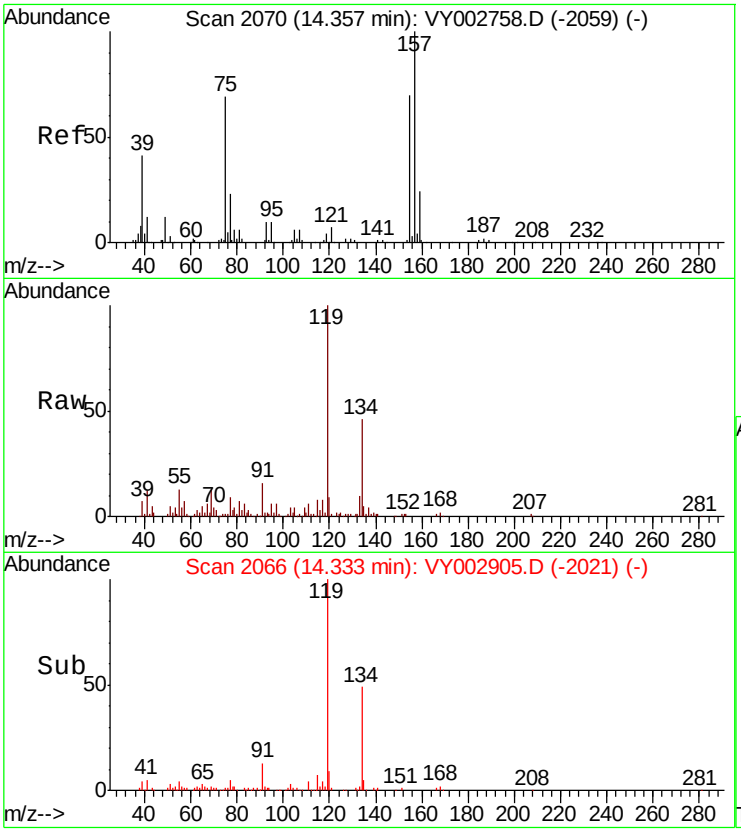


#91
1,2-Dichlorobenzene
Concen: 1.488 ug/l
RT: 13.74 min Scan# 1969
Delta R.T. 0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion:146 Resp: 6582

Ion	Ratio	Lower	Upper
146	100		
111	138.9	18.9	56.9#
148	69.5	31.9	95.5



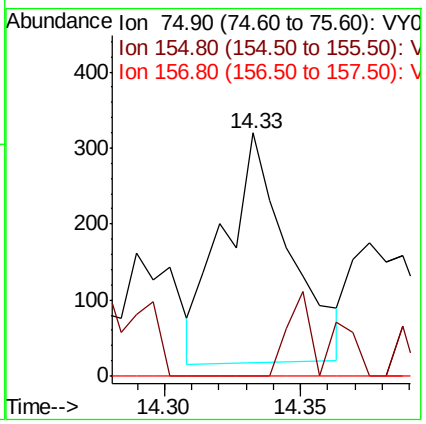


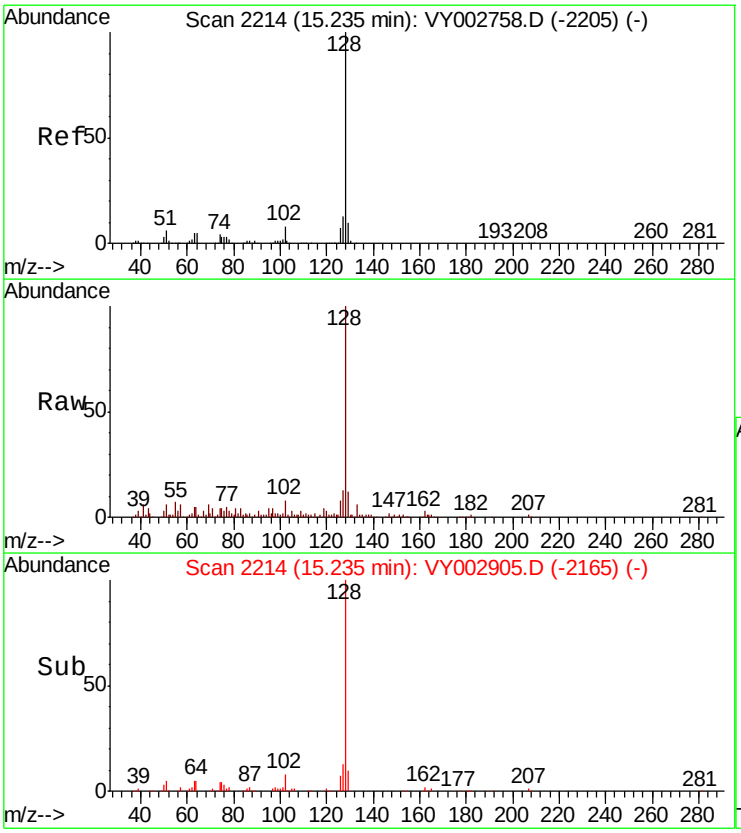
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.509 ug/l
RT: 14.33 min Scan# 2066
Delta R.T. -0.02 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061520

Tgt Ion: 75 Resp: 504

Ion	Ratio	Lower	Upper
75	100		
155	12.7	53.5	160.5#
157	0.0	69.9	209.7#





#95
Naphthalene
Concen: 10.745 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion:128 Resp: 71850

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.6	8.7	13.1