Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
Data File : VY002491.D
Acq On : 28 Apr 2020 13:57
Operator : SY/MD
Sample : L2428-02
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 28 15:11:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	280311	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	434531	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	386160	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	179411	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	140744	57.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 114.90%			
35) Dibromofluoromethane	7.73	113	129412	52.80	ug/l	-0.02
Spiked Amount 50.000			Recovery = 105.60%			
50) Toluene-d8	10.18	98	499889	50.74	ug/l	-0.02
Spiked Amount 50.000			Recovery = 101.48%			
62) 4-Bromofluorobenzene	12.49	95	158583	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.96%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.96	59	2500	10.842	ug/l #	76
16) Acetone	3.96	43	4398	8.590	ug/l #	82
20) Methylene Chloride	4.72	84	6975	2.386	ug/l	95
25) 2-Butanone	7.00	43	3059	3.900	ug/l #	86
26) 2,2-Dichloropropane	6.99	77	4806	1.190	ug/l #	51
31) Cyclohexane	7.80	56	4296	1.018	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	17887	4.801	ug/l #	49
37) Ethyl Acetate	7.00	43	3059	1.634	ug/l #	1
38) Carbon Tetrachloride	7.80	117	25022	5.840	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	5792	3.185	ug/l	95
76) 1,2,3-Trichloropropane	12.48	75	79106	52.023	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	79106	96.267	ug/l #	15

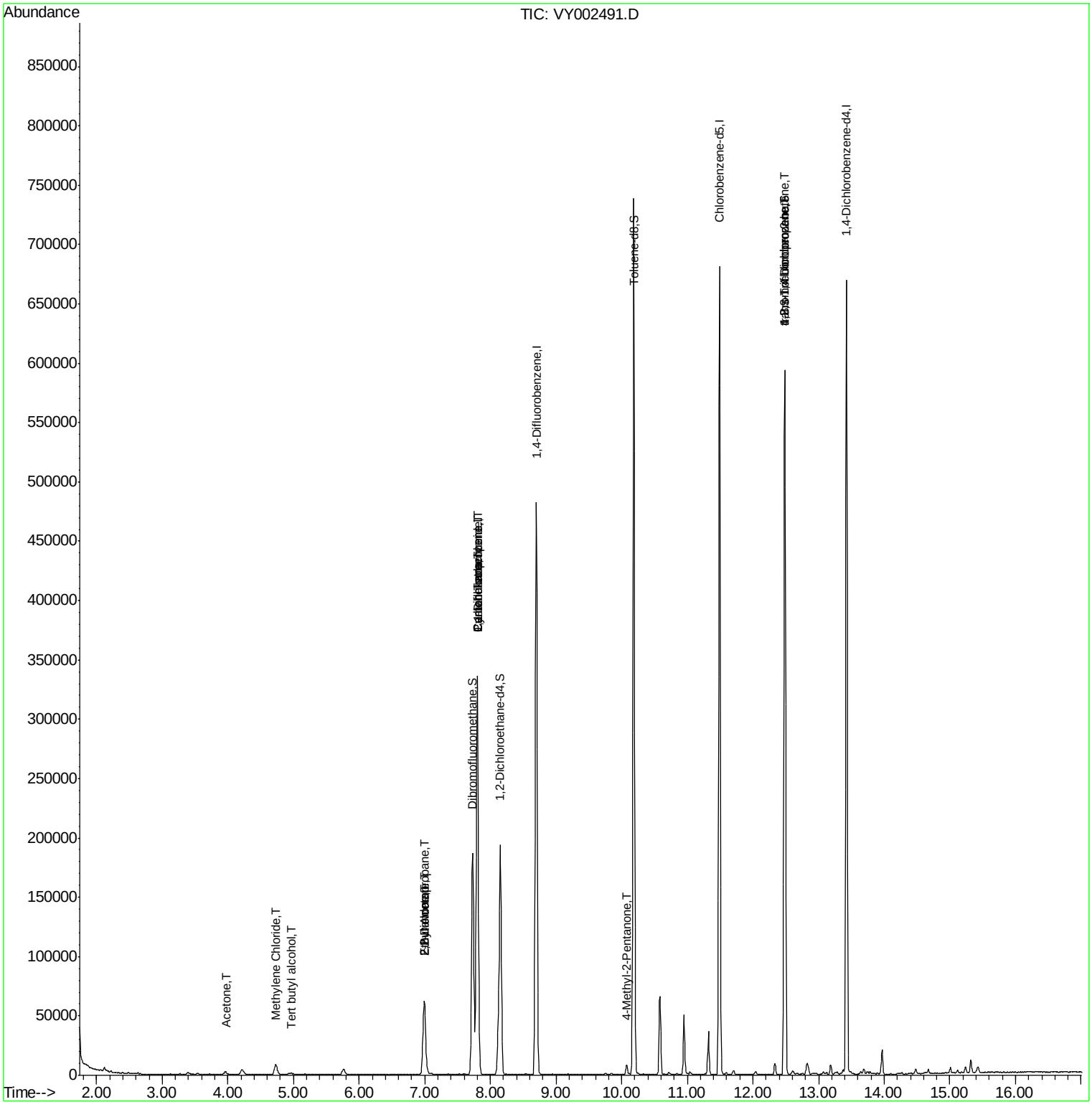
(#) = qualifier out of range (m) = manual integration (+) = signals summed

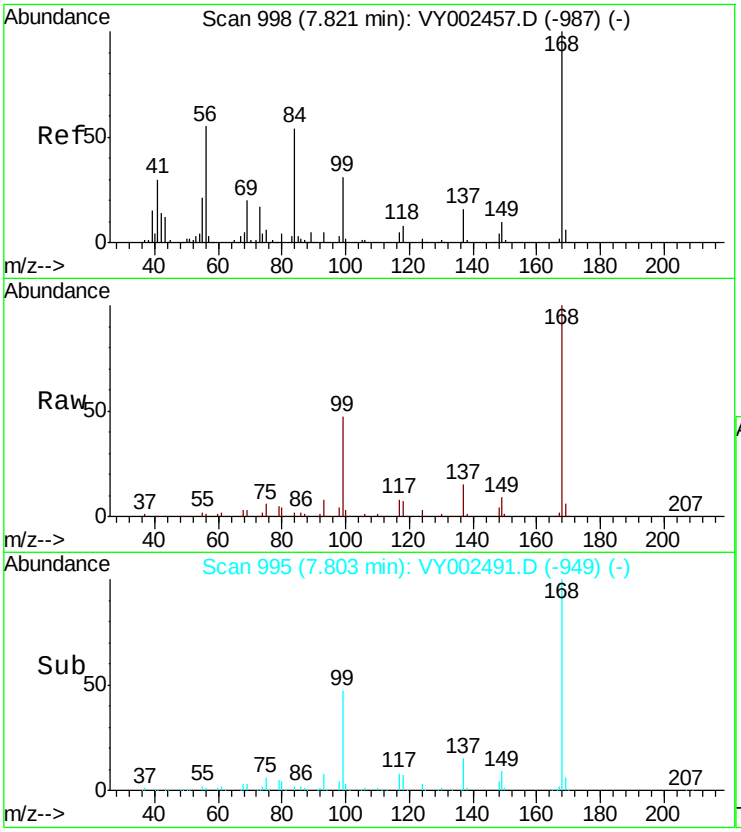
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY042820\
Data File : VY002491.D
Acq On : 28 Apr 2020 13:57
Operator : SY/MD
Sample : L2428-02
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 28 15:11:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration



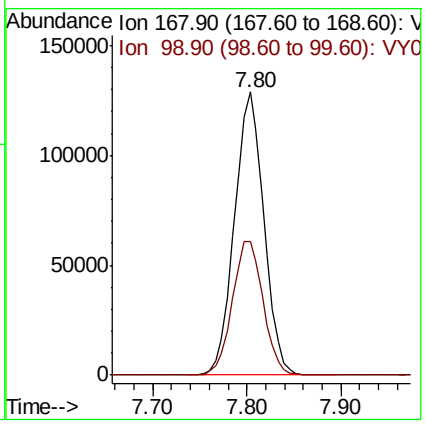


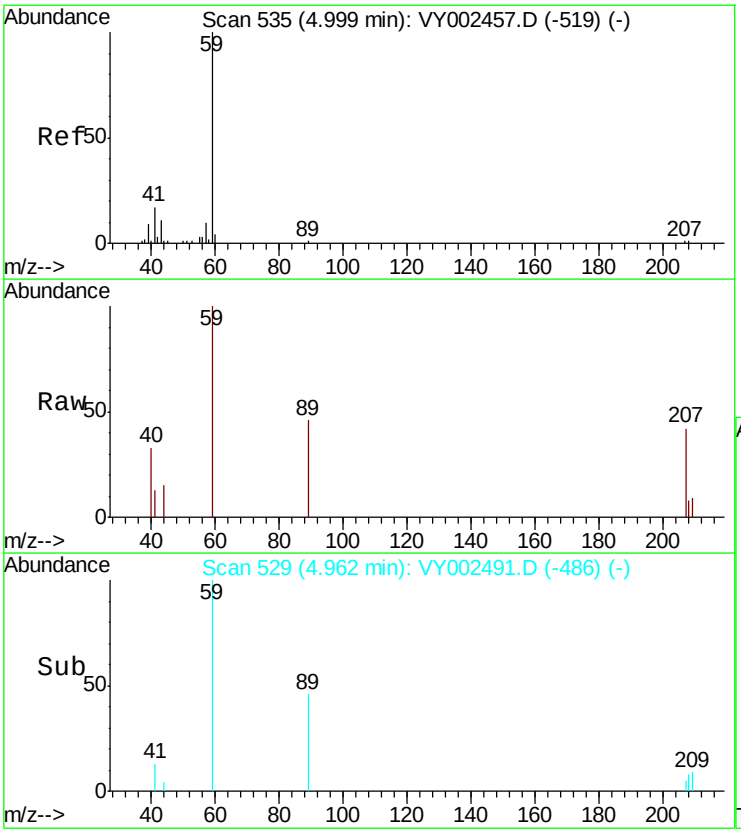
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.02 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 280311

Ion	Ratio	Lower	Upper
168	100		
99	47.4	39.7	59.5

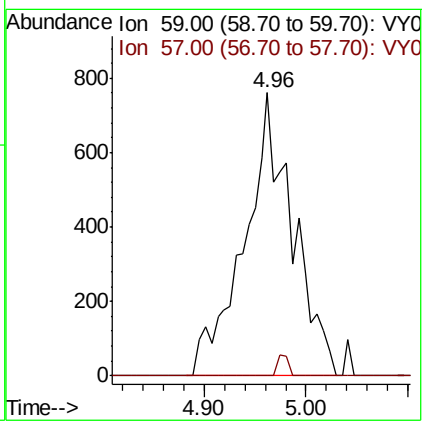


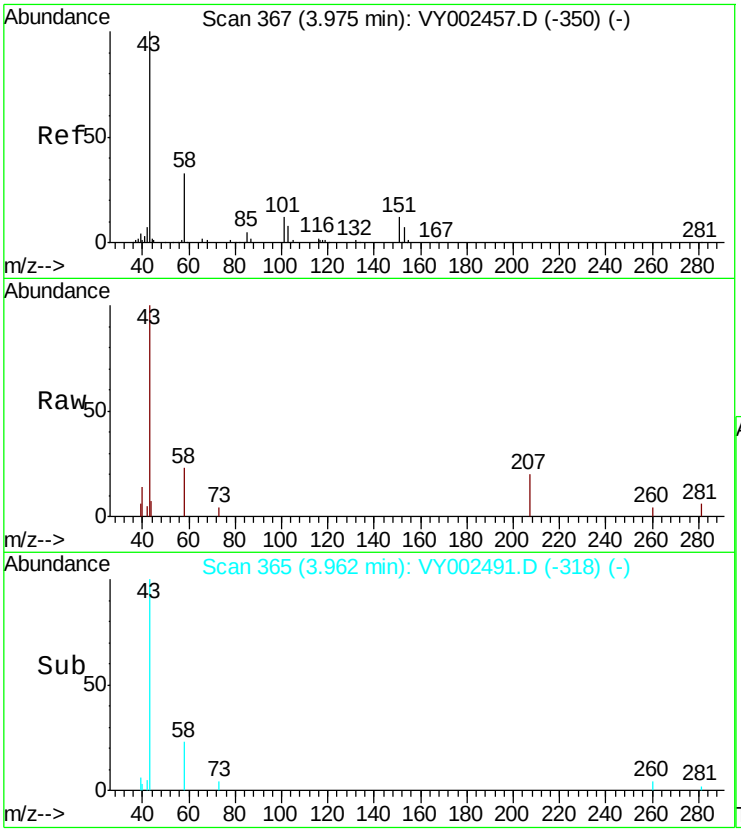


#11
Tert butyl alcohol
Concen: 10.842 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.04 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Tgt Ion: 59 Resp: 2500

Ion	Ratio	Lower	Upper
59	100		
57	1.6	8.4	12.6#



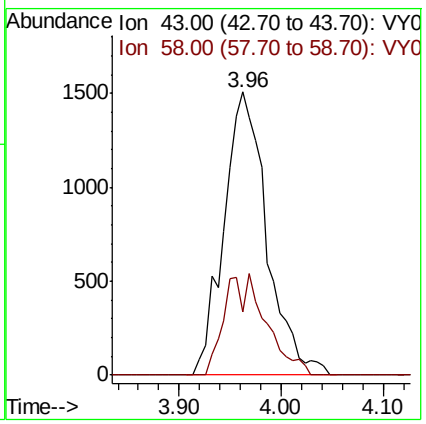


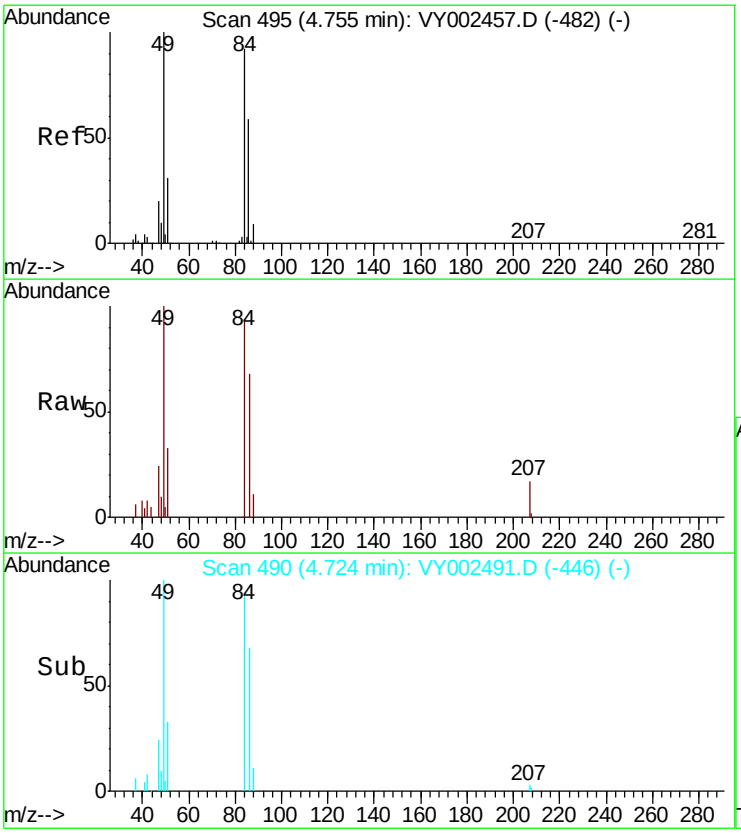
#16
Acetone
Concen: 8.590 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.01 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4398

Ion	Ratio	Lower	Upper
43	100		
58	22.5	26.4	39.6#

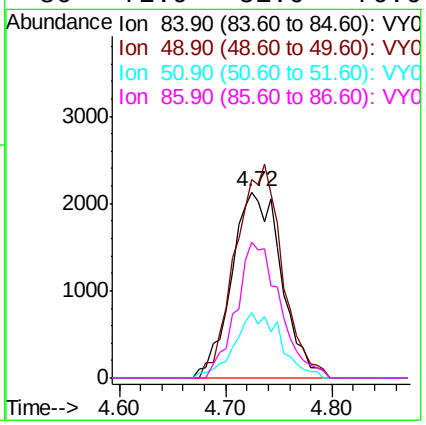


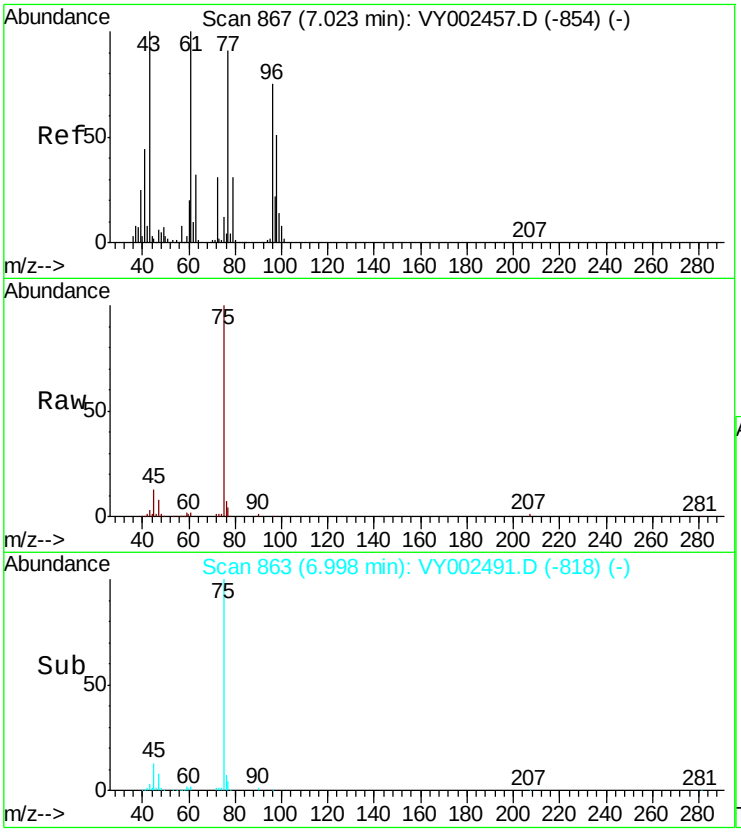


#20
Methylene Chloride
Concen: 2.386 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.03 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Tgt Ion: 84 Resp: 6975

Ion	Ratio	Lower	Upper
84	100		
49	106.5	86.9	130.3
51	35.1	27.3	40.9
86	72.9	51.0	76.6



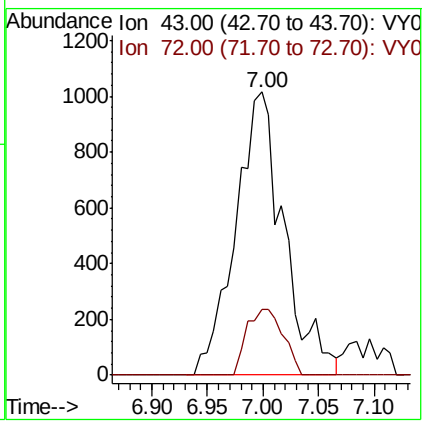


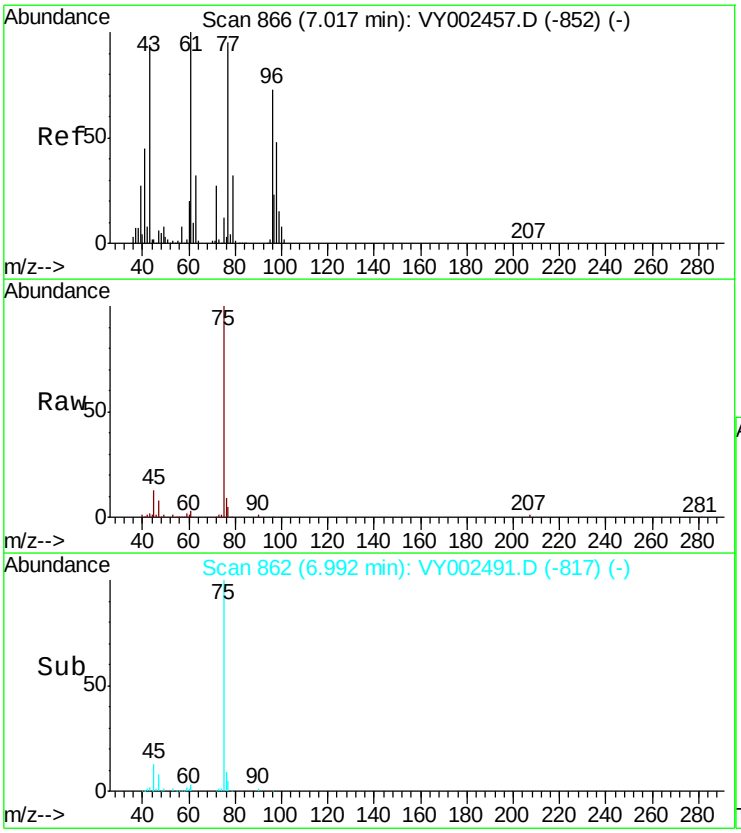
#25
2-Butanone
Concen: 3.900 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3059

Ion	Ratio	Lower	Upper
43	100		
72	23.3	24.8	37.2#

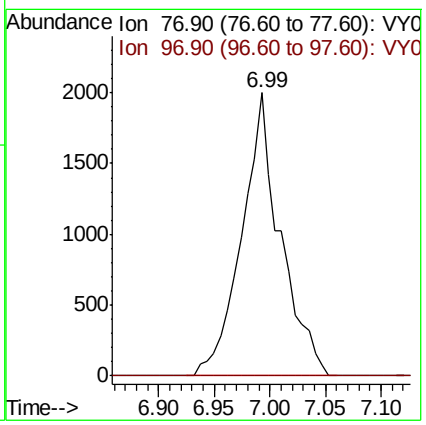


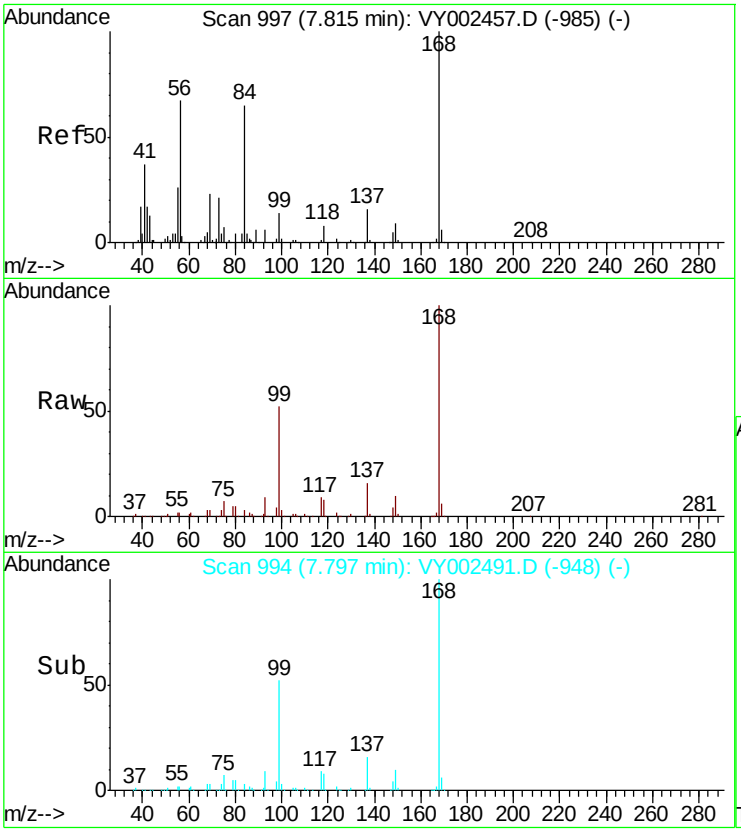


#26
2,2-Dichloropropane
Concen: 1.190 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Tgt Ion: 77 Resp: 4806

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.0	36.0#



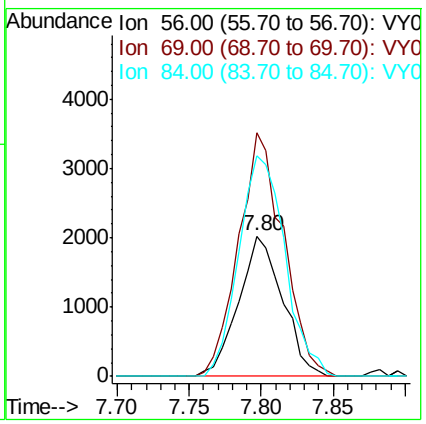


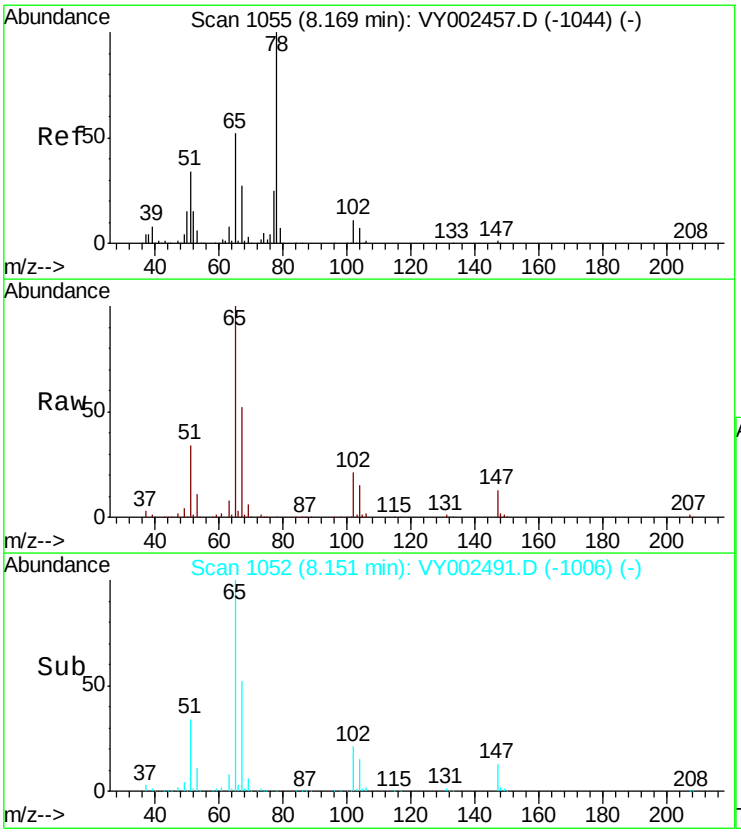
#31
Cyclohexane
Concen: 1.018 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.02 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4296

Ion	Ratio	Lower	Upper
56	100		
69	173.9	27.0	40.6#
84	157.7	77.4	116.2#

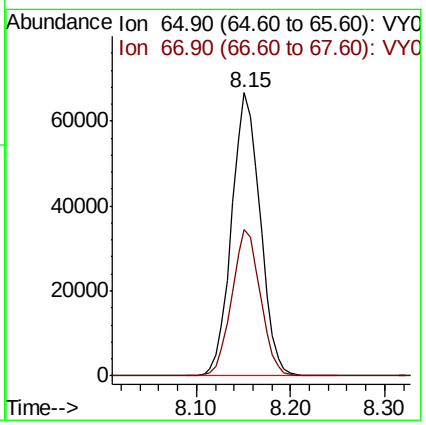


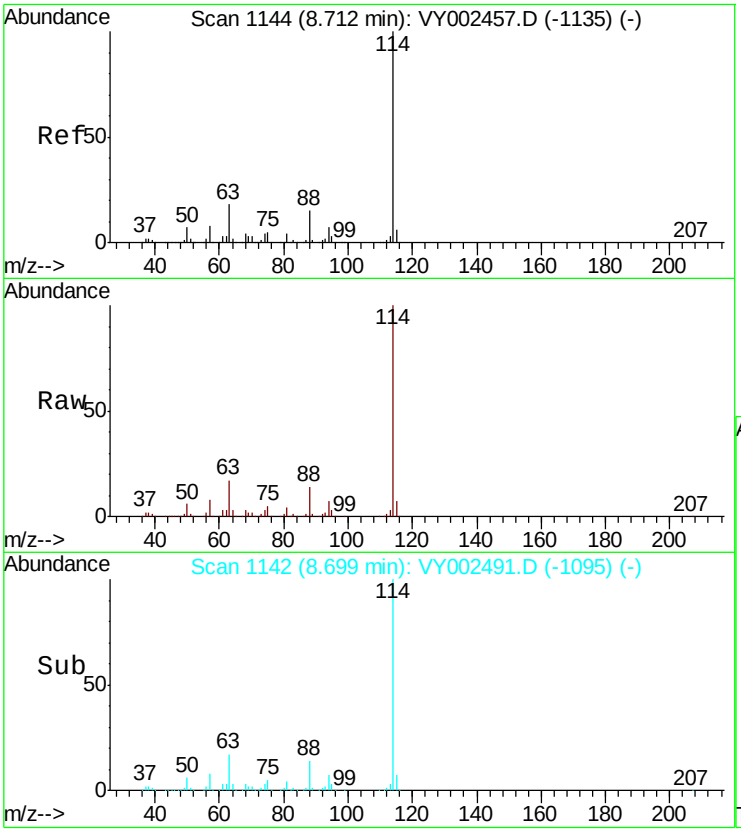


#33
1,2-Dichloroethane-d4
Concen: 57.446 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Tgt Ion: 65 Resp: 140744

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.2



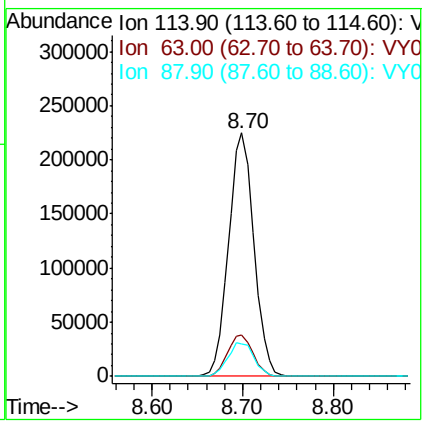


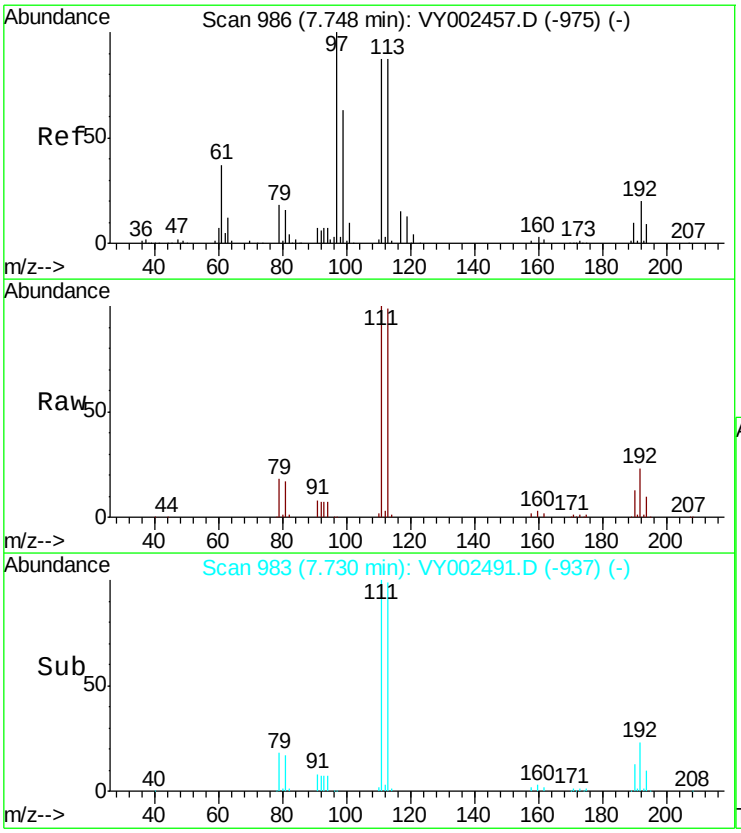
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 434531

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	35.6
88	13.6	0.0	29.4

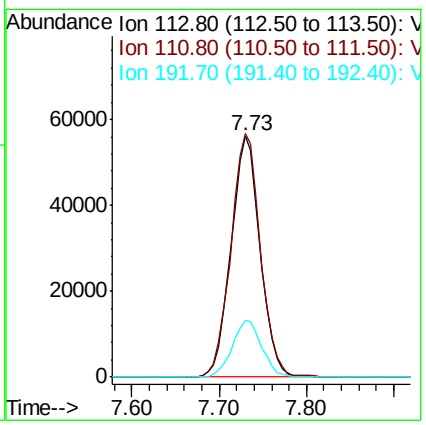


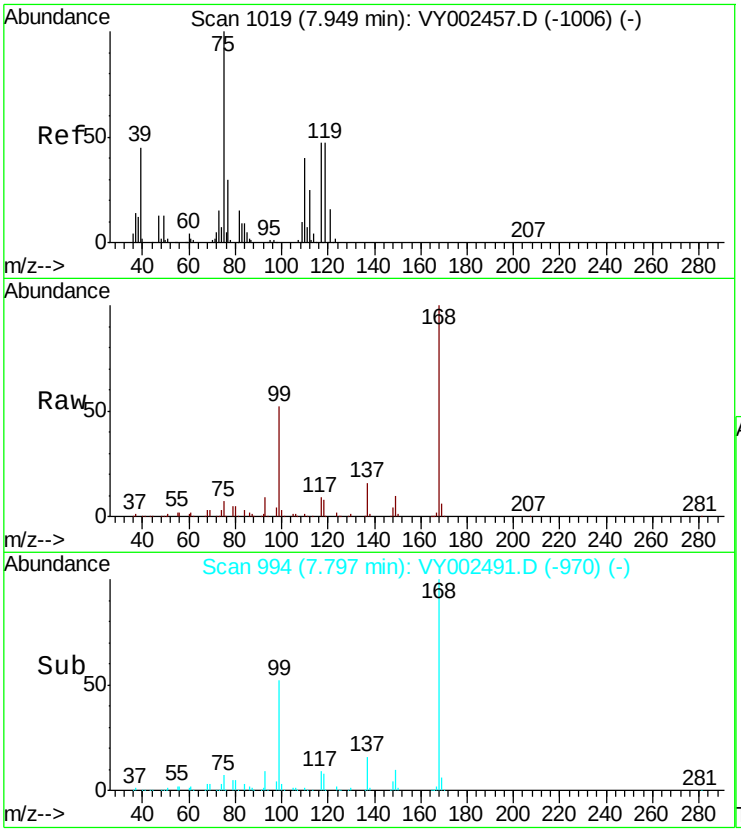


#35
Dibromofluoromethane
Concen: 52.800 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.02 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Tgt Ion:113 Resp: 129412

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.0	121.4
192	23.7	18.6	27.8



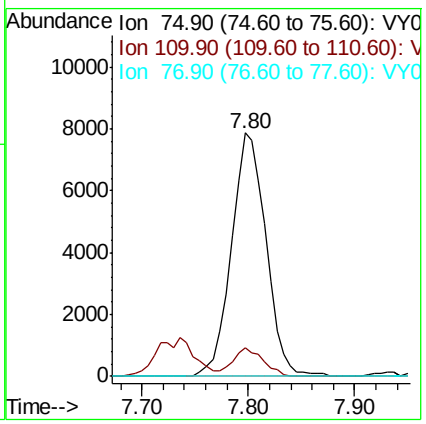


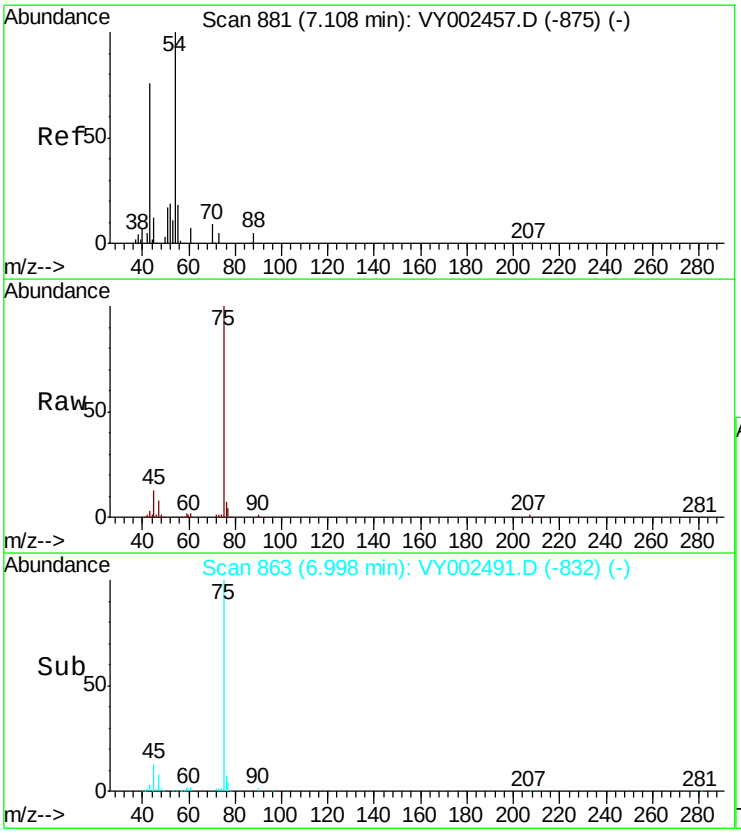
#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.15 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 17887

Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.4	58.4#
77	0.0	24.7	37.1#

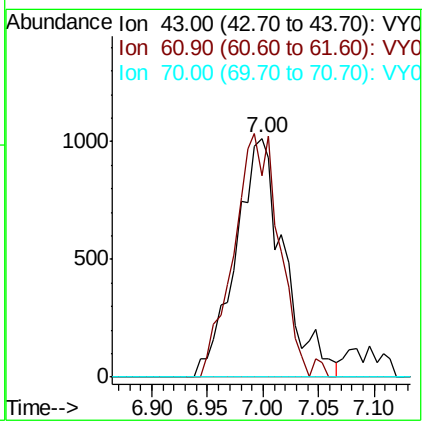


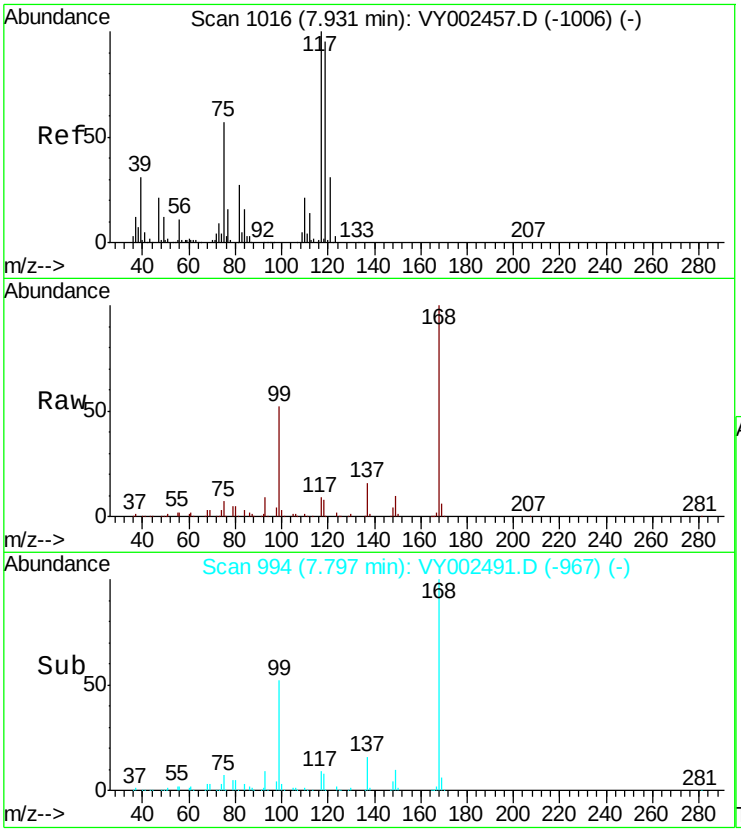


#37
Ethyl Acetate
Concen: 1.634 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.11 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Tgt Ion: 43 Resp: 3059

Ion	Ratio	Lower	Upper
43	100		
61	95.1	11.8	17.8#
70	0.0	9.3	13.9#



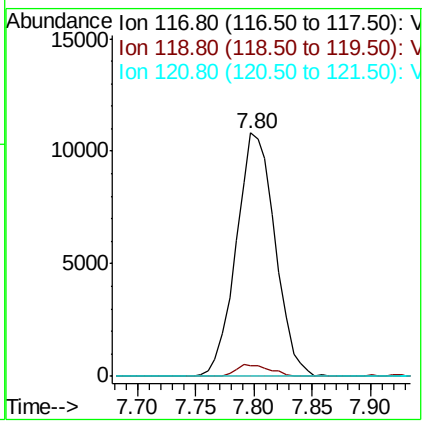


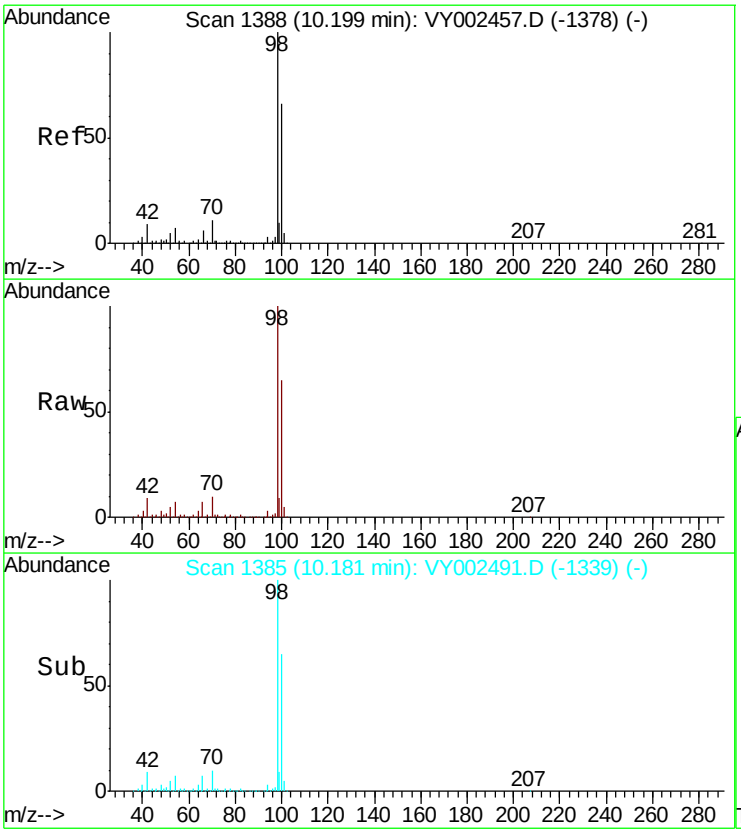
#38
Carbon Tetrachloride
Concen: 5.840 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 25022

Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.9	113.9#
121	0.0	24.5	36.7#

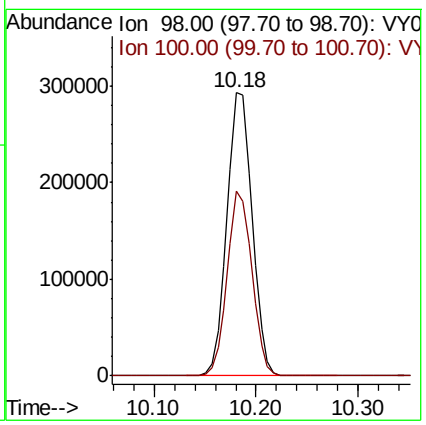


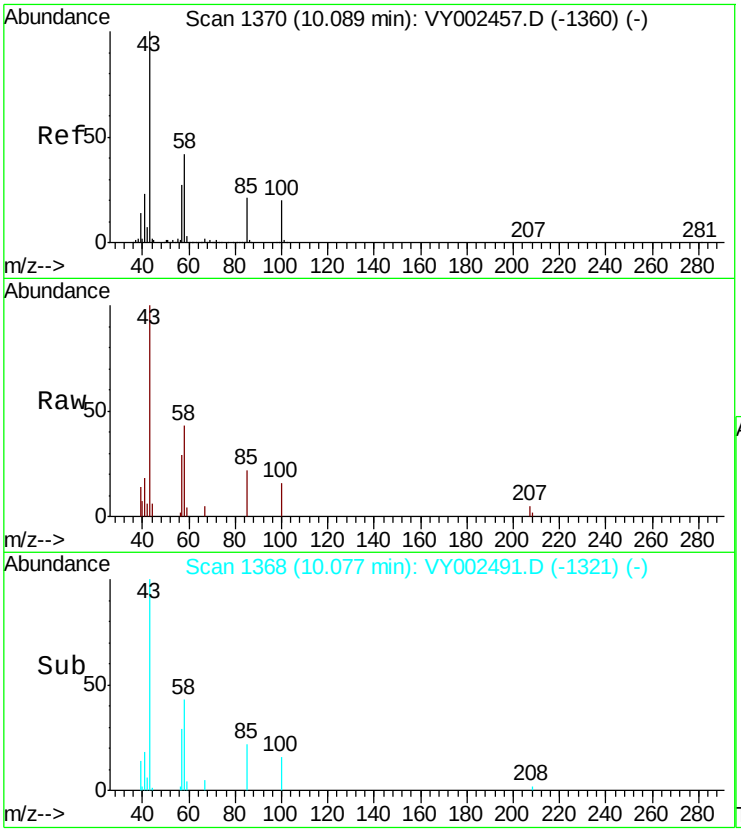


#50
Toluene-d8
Concen: 50.745 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.02 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Tgt Ion: 98 Resp: 499889

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7



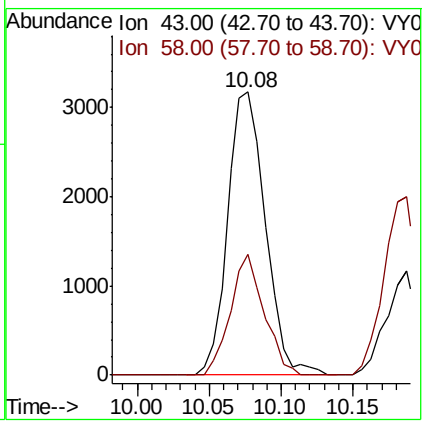


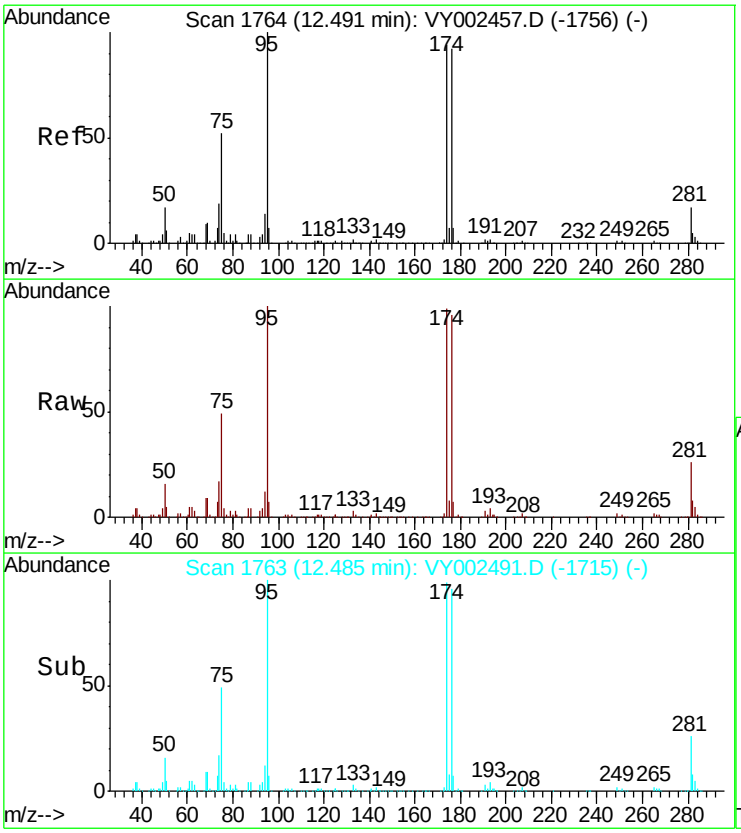
#51
4-Methyl-2-Pentanone
Concen: 3.185 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 5792

Ion	Ratio	Lower	Upper
43	100		
58	38.3	33.2	49.8

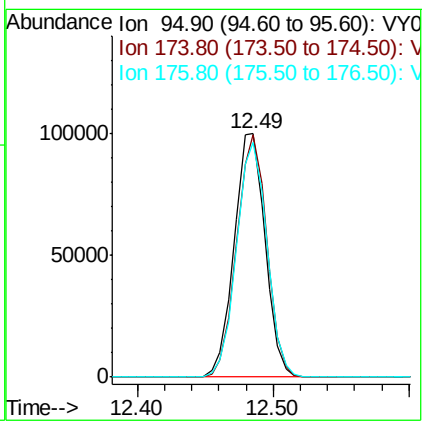


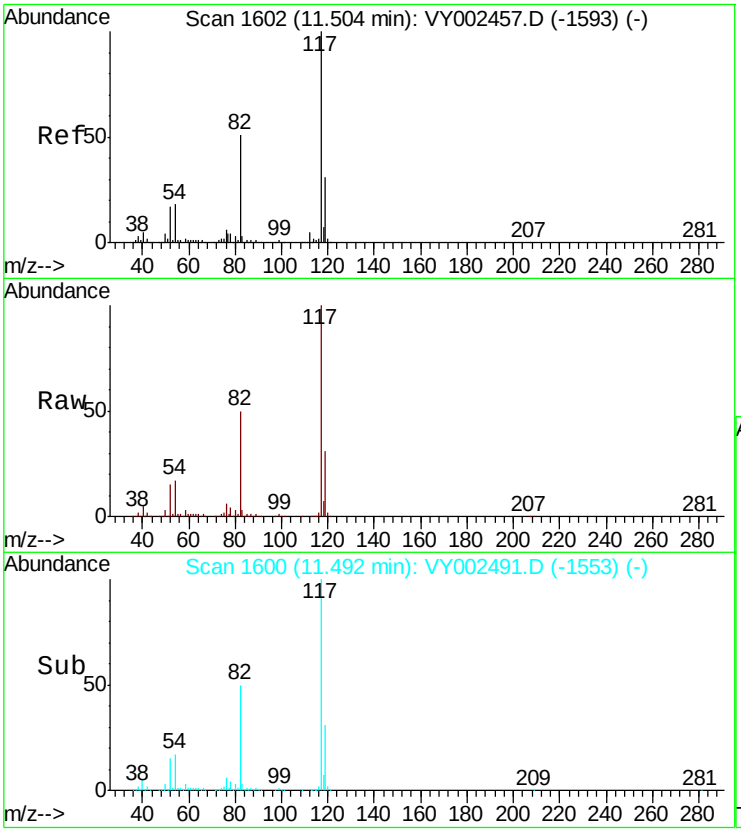


#62
4-Bromofluorobenzene
Concen: 47.976 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Tgt Ion: 95 Resp: 158583

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	193.0
176	94.9	0.0	190.4



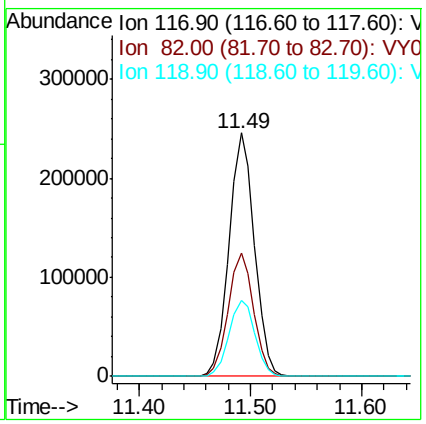


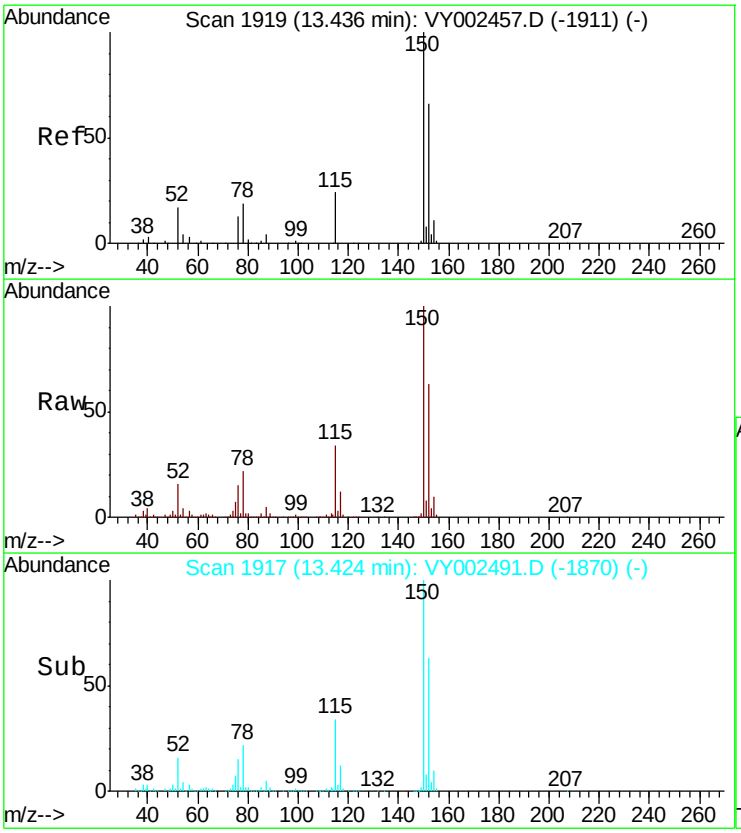
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 386160

Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.8	61.2
119	31.1	25.2	37.8

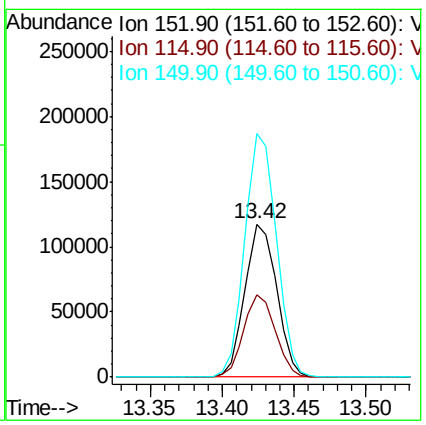


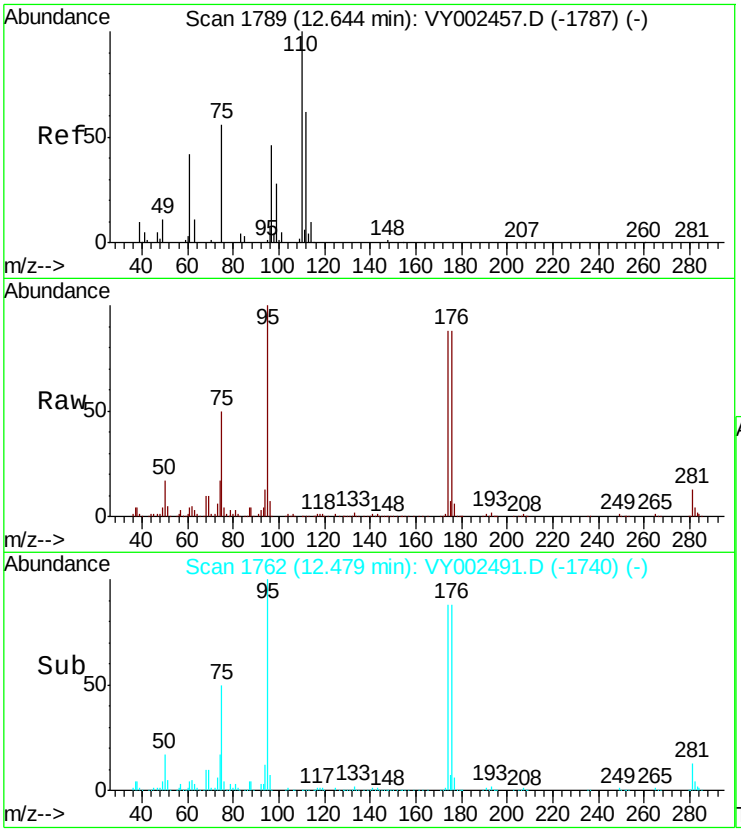


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Tgt Ion:152 Resp: 179411

Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.3	81.8
150	158.1	0.0	346.8



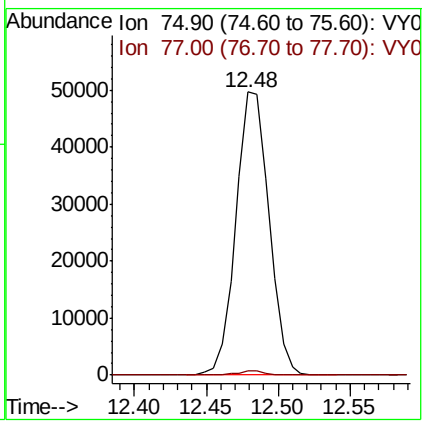


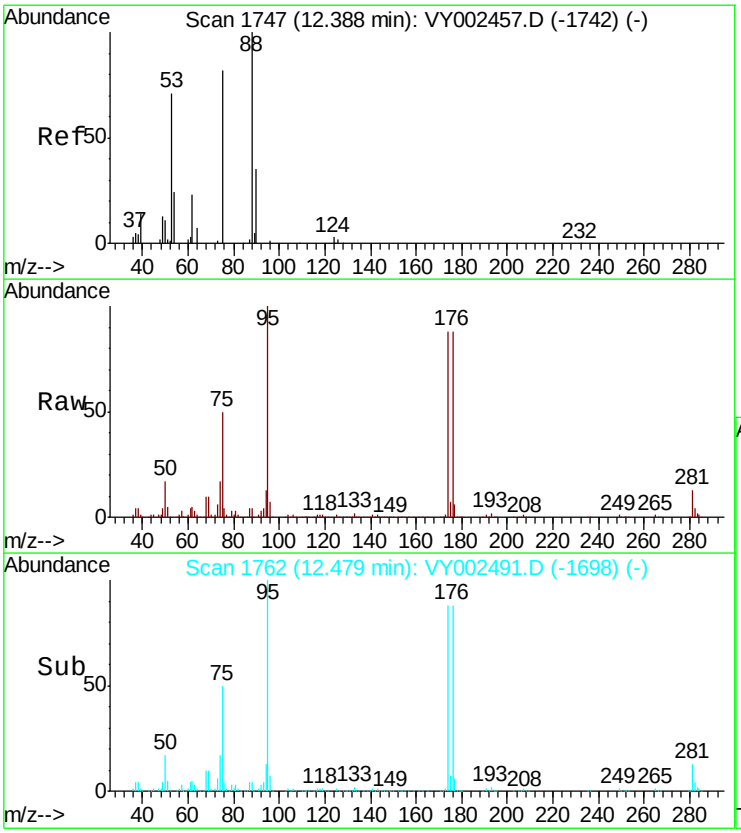
#76
1,2,3-Trichloropropane
Concen: 52.023 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 79106

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.267 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Tgt Ion: 75 Resp: 79106

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.0	105.0#
89	0.4	34.9	52.3#