Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
Data File : VY002493.D
Acq On : 28 Apr 2020 14:42
Operator : SY/MD
Sample : L2428-06
Misc : 5.03G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 29 00:28:06 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	13593	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	14068	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	16777	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	5812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	5607	47.19	ug/l	-0.02
Spiked Amount 50.000			Recovery = 94.38%			
35) Dibromofluoromethane	7.72	113	4985	62.82	ug/l	-0.02
Spiked Amount 50.000			Recovery = 125.64%			
50) Toluene-d8	10.18	98	22974	72.03	ug/l	-0.02
Spiked Amount 50.000			Recovery = 144.06%			
62) 4-Bromofluorobenzene	12.49	95	5447	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.80%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	321	2.534	ug/l #	43
6) Chloroethane	2.81	64	194	6.680	ug/l #	41
10) Methyl Iodide	4.11	142	407	2.323	ug/l #	89
16) Acetone	3.95	43	252	10.150	ug/l #	42
20) Methylene Chloride	4.72	84	180	1.270	ug/l #	44
36) 1,1-Dichloropropene	7.81	75	814	6.748	ug/l #	42
38) Carbon Tetrachloride	7.80	117	1235	8.903	ug/l #	12
51) 4-Methyl-2-Pentanone	10.06	43	108	1.834	ug/l #	63
76) 1,2,3-Trichloropropane	12.48	75	2981	60.516	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	2981	111.983	ug/l #	15
88) 1,4-Dichlorobenzene	13.44	146	238	1.328	ug/l #	58
95) Naphthalene	15.23	128	270	1.188	ug/l #	69

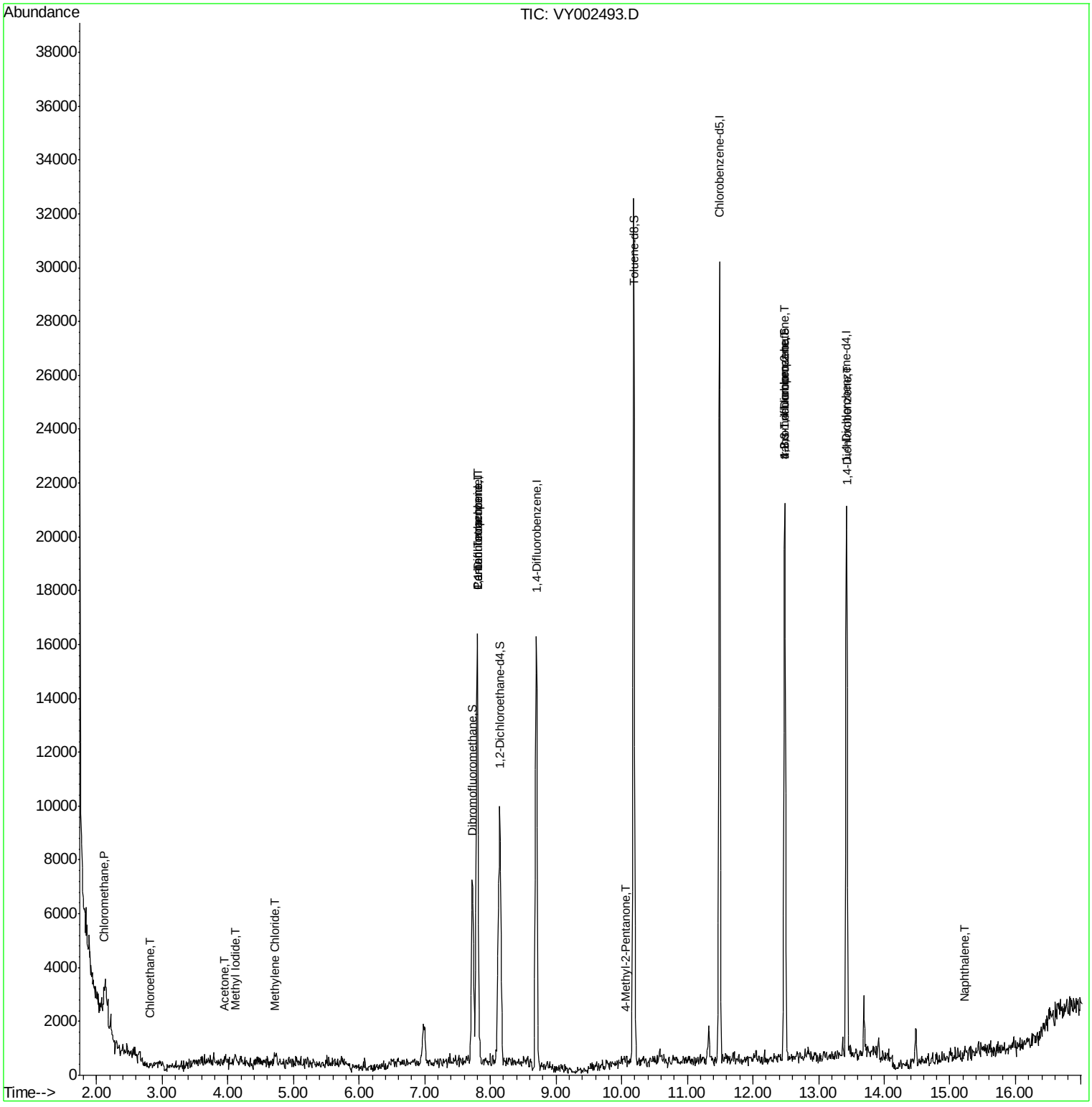
(#) = qualifier out of range (m) = manual integration (+) = signals summed

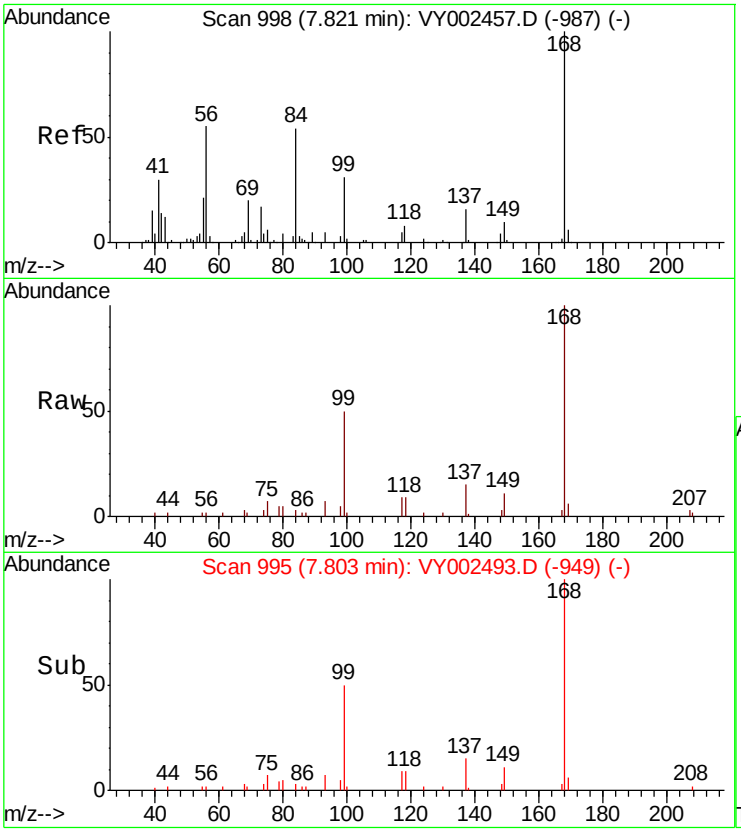
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY042820\
Data File : VY002493.D
Acq On : 28 Apr 2020 14:42
Operator : SY/MD
Sample : L2428-06
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 29 00:28:06 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



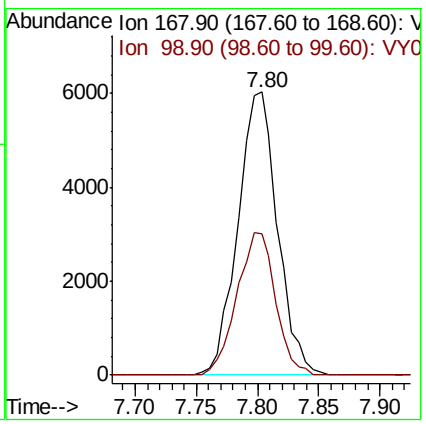


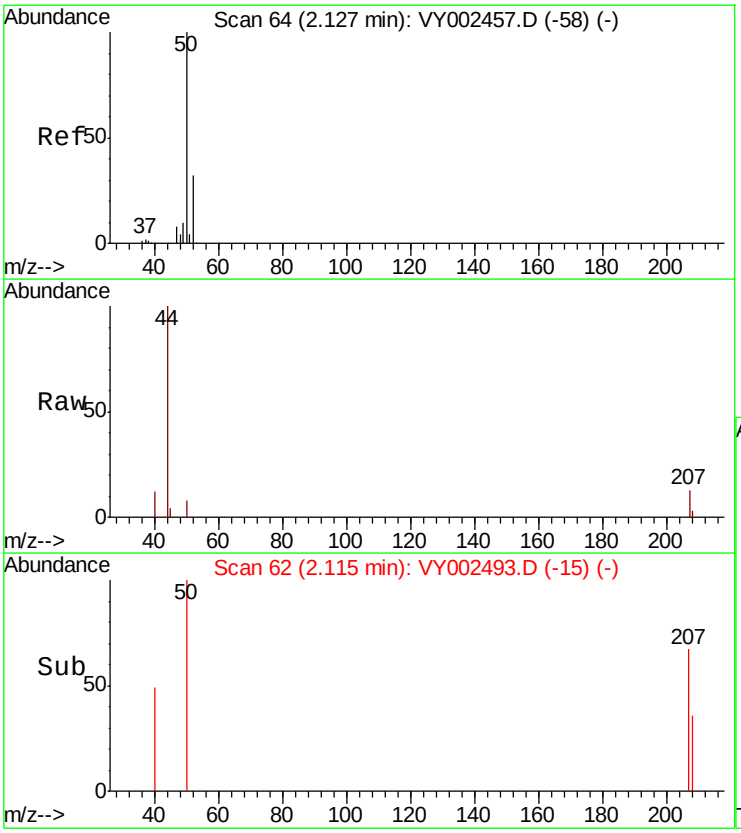
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.02 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 13593

Ion	Ratio	Lower	Upper
168	100		
99	50.1	39.7	59.5

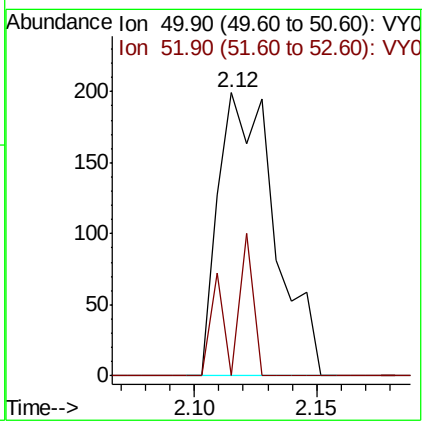


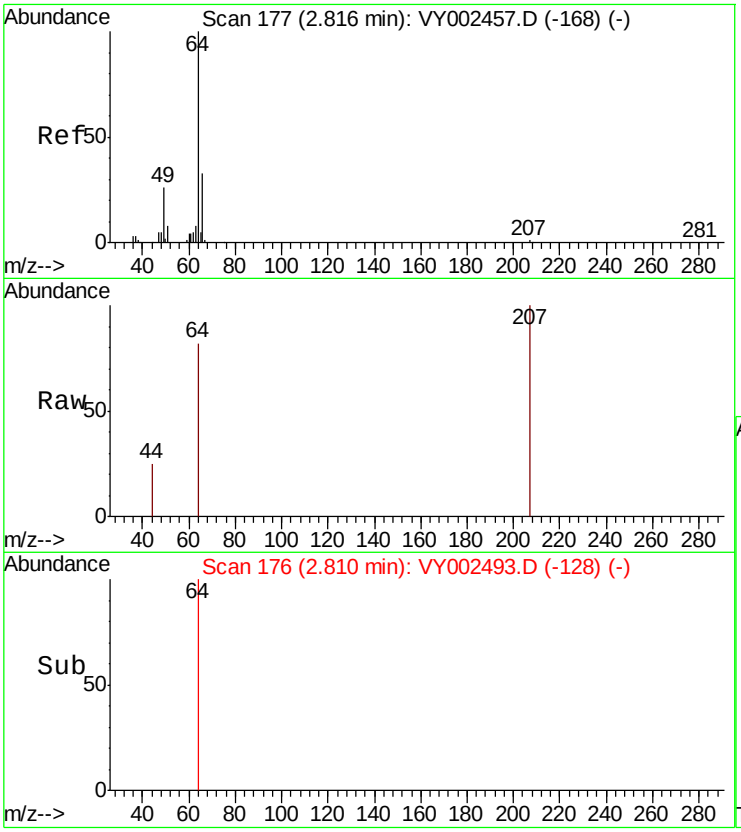


#3
Chloromethane
Concen: 2.534 ug/l
RT: 2.12 min Scan# 62
Delta R.T. -0.01 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Tgt Ion: 50 Resp: 321

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.2	37.8#



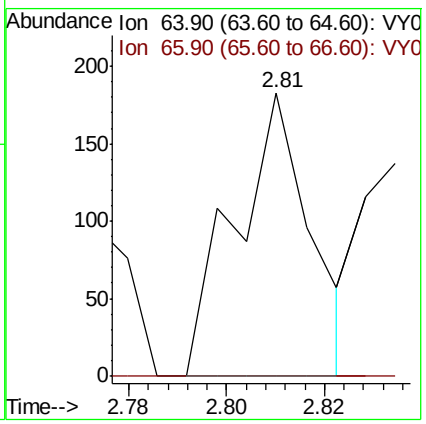


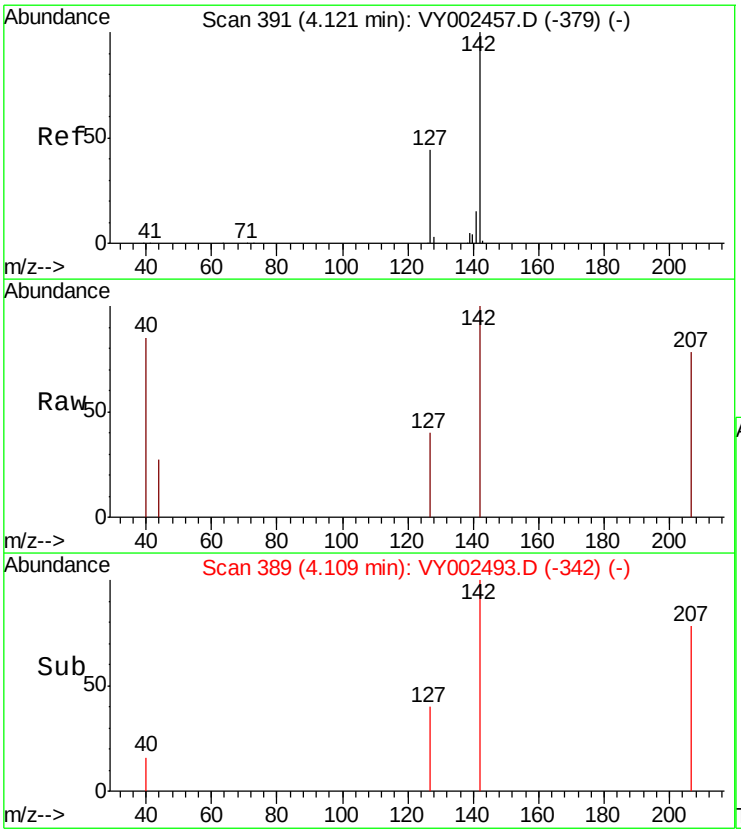
#6
Chloroethane
Concen: 6.680 ug/l
RT: 2.81 min Scan# 176
Delta R.T. -0.01 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 64 Resp: 194

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#

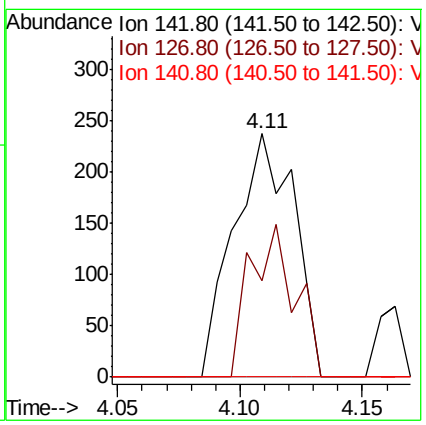


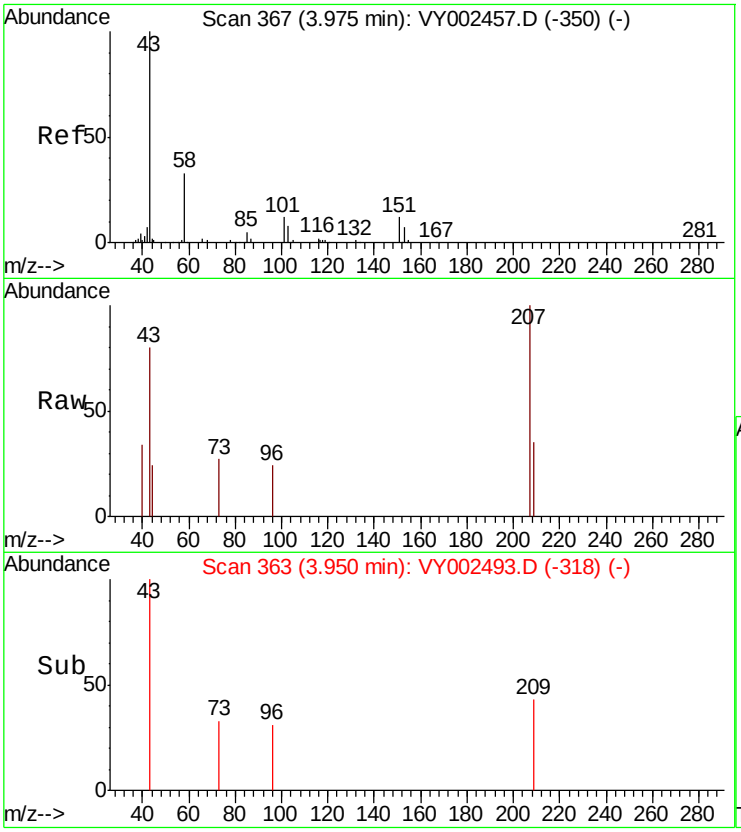


#10
Methyl Iodide
Concen: 2.323 ug/l
RT: 4.11 min Scan# 389
Delta R.T. -0.01 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Tgt Ion:142 Resp: 407

Ion	Ratio	Lower	Upper
142	100		
127	46.7	35.8	53.8
141	0.0	11.6	17.4#



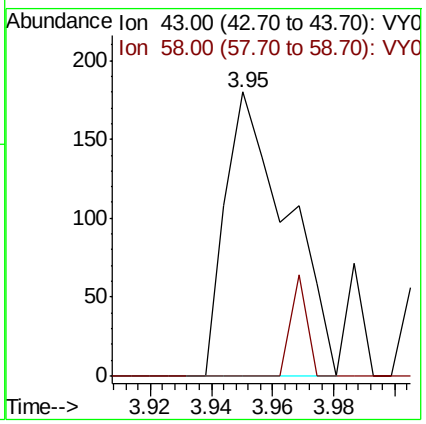


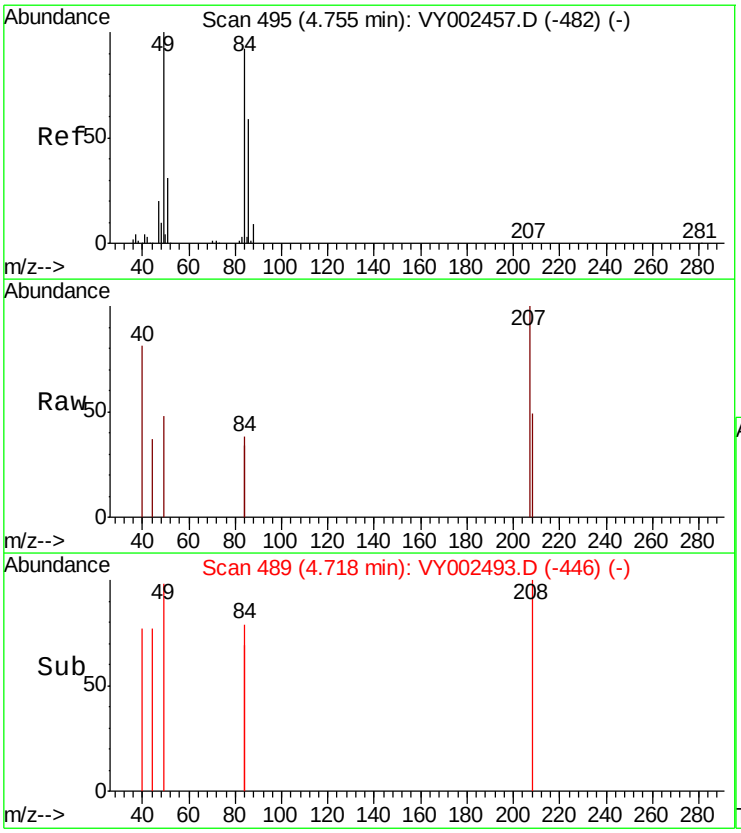
#16
Acetone
Concen: 10.150 ug/l
RT: 3.95 min Scan# 363
Delta R.T. -0.02 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 252

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.4	39.6#

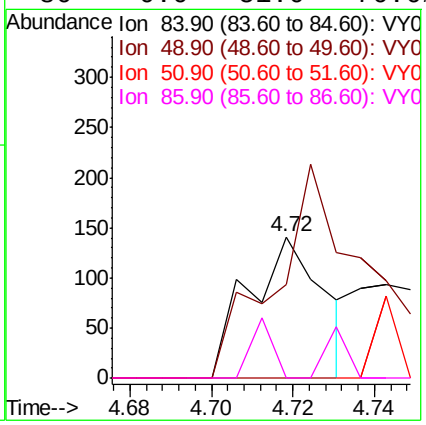


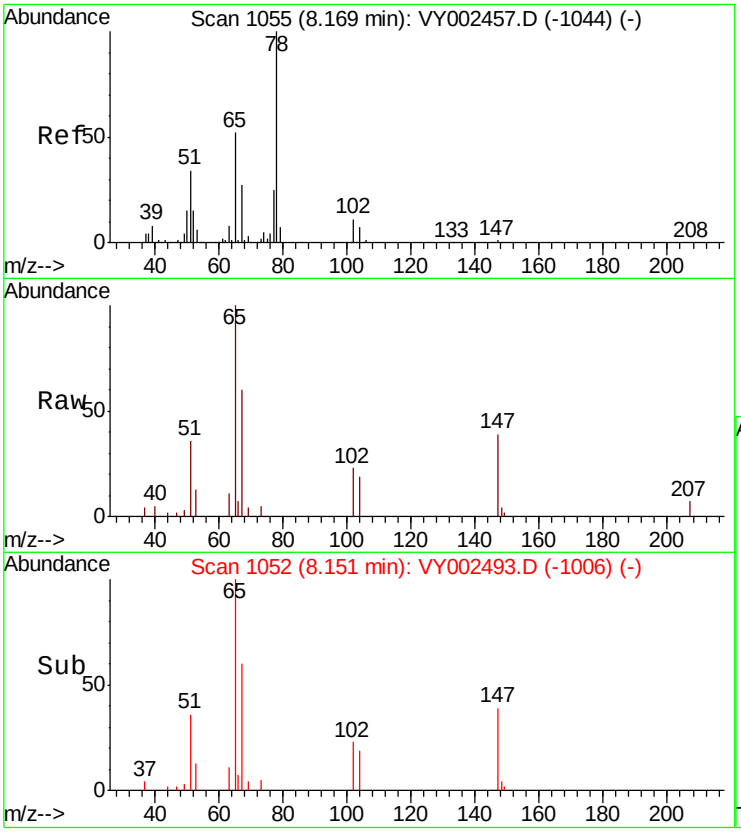


#20
Methylene Chloride
Concen: 1.270 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.04 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Tgt Ion: 84 Resp: 180

Ion	Ratio	Lower	Upper
84	100		
49	66.0	86.9	130.3#
51	0.0	27.3	40.9#
86	0.0	51.0	76.6#



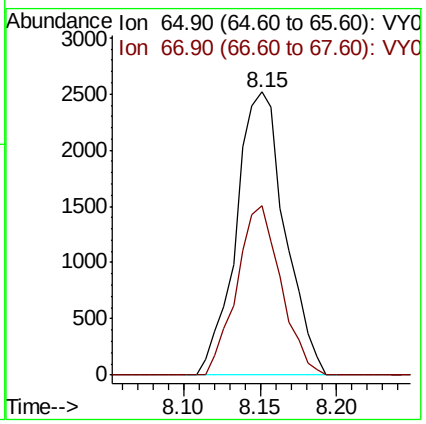


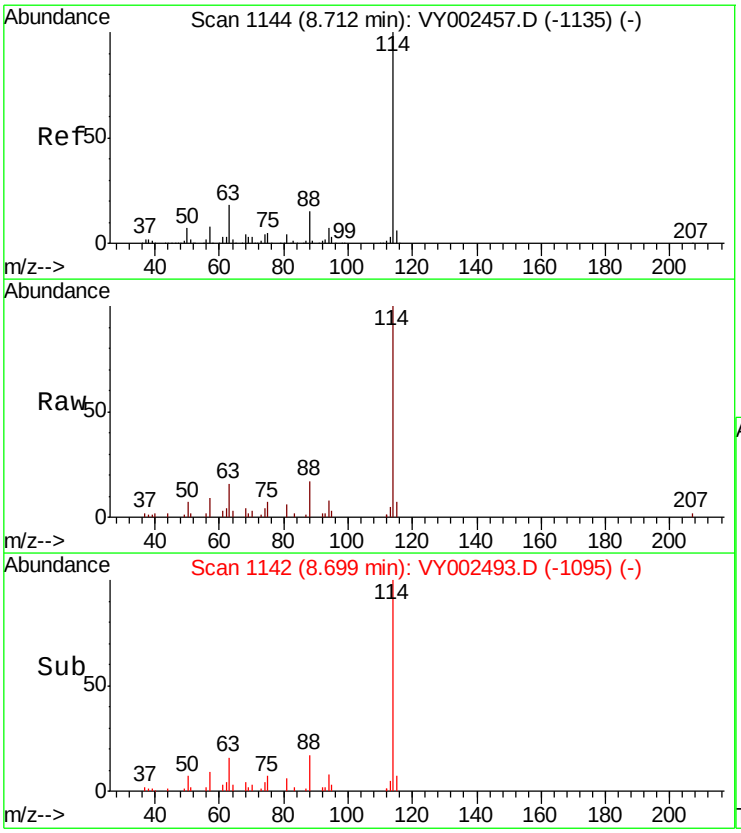
#33
1,2-Dichloroethane-d4
Concen: 47.194 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 5607

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	104.2

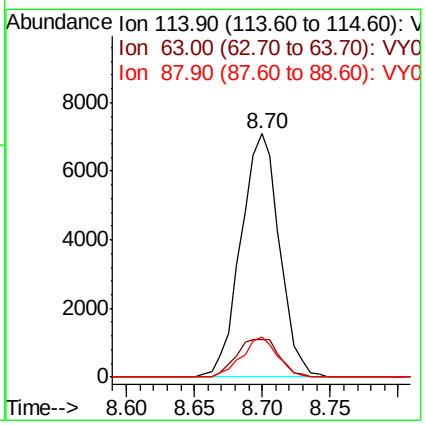


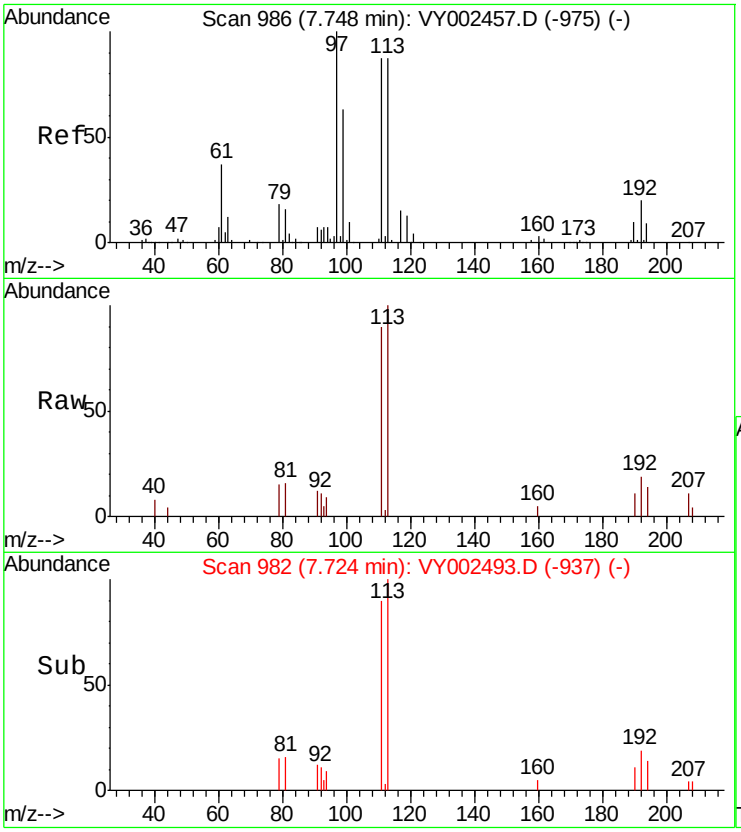


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Tgt Ion:114 Resp: 14068

Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	35.6
88	16.5	0.0	29.4



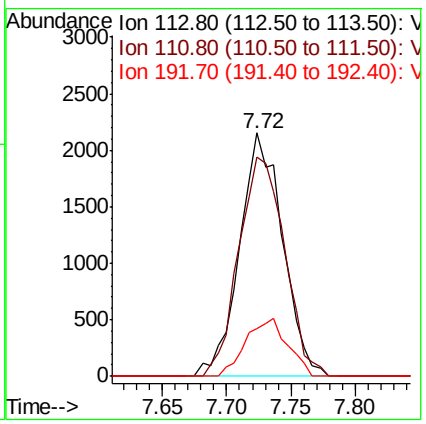


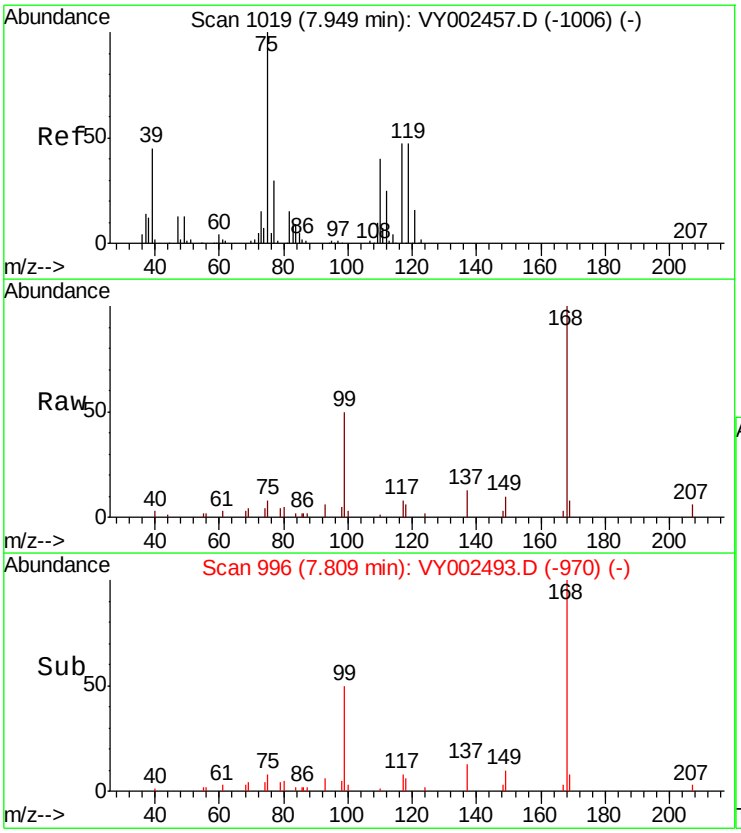
#35
Dibromofluoromethane
Concen: 62.822 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.02 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 4985

Ion	Ratio	Lower	Upper
113	100		
111	96.1	81.0	121.4
192	22.9	18.6	27.8

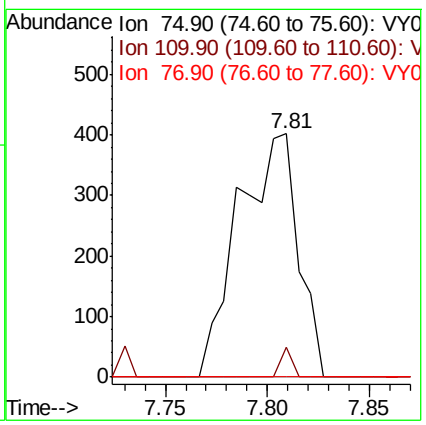


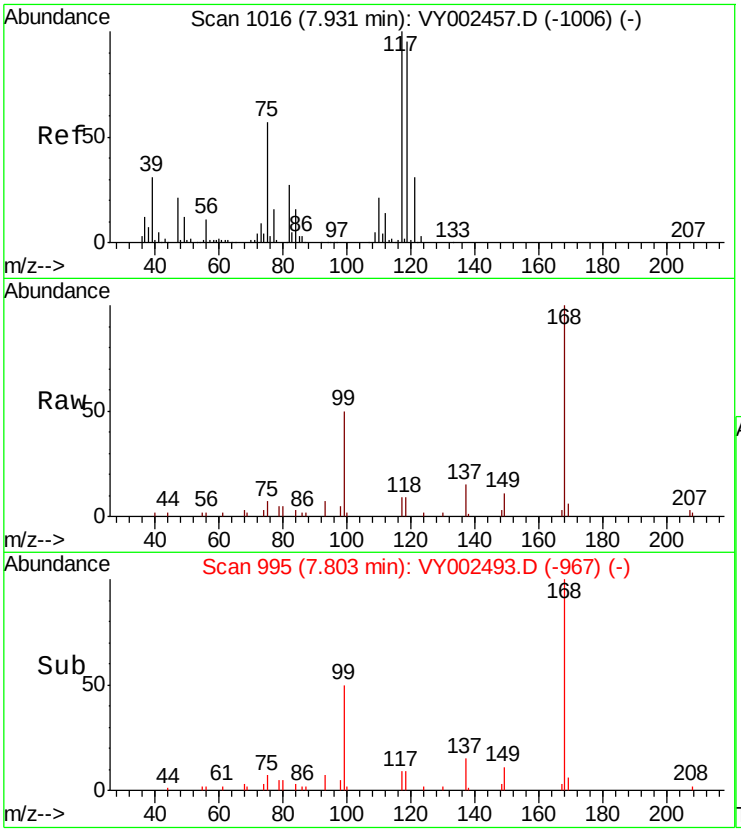


#36
1,1-Dichloropropene
Concen: 6.748 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.14 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Tgt Ion: 75 Resp: 814

Ion	Ratio	Lower	Upper
75	100		
110	2.2	19.4	58.4#
77	0.0	24.7	37.1#



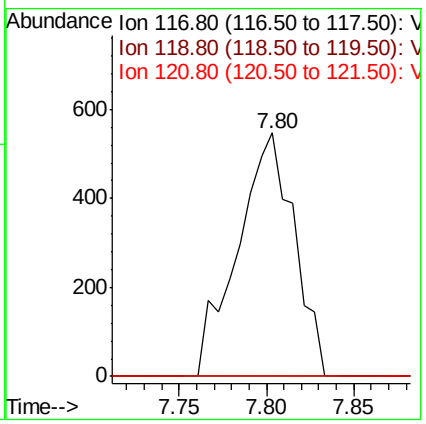


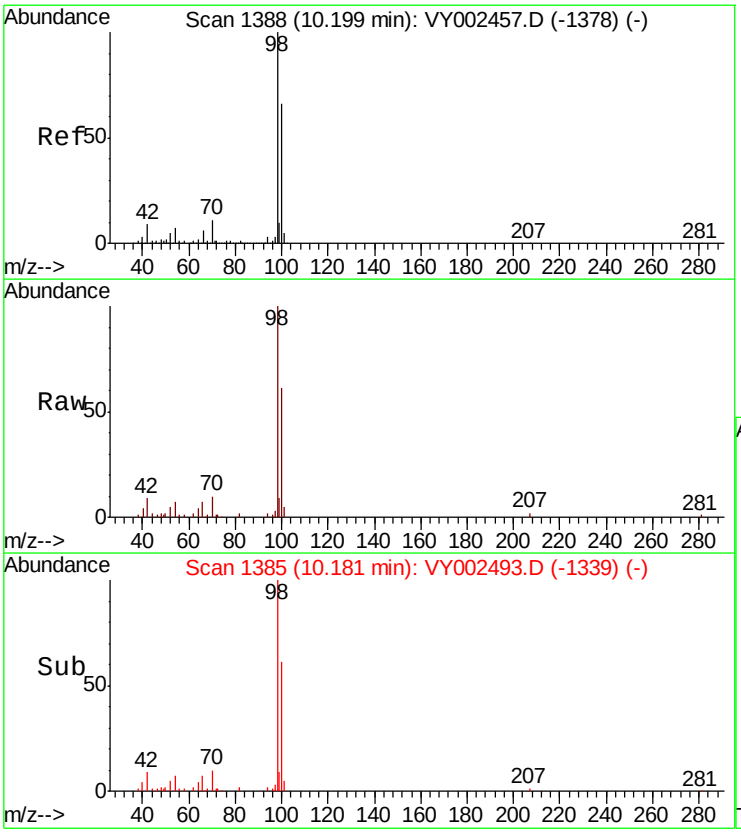
#38
Carbon Tetrachloride
Concen: 8.903 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 1235

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

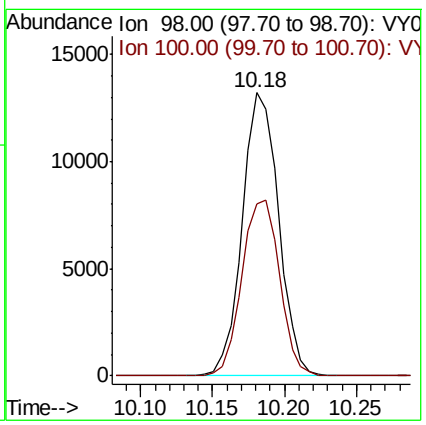


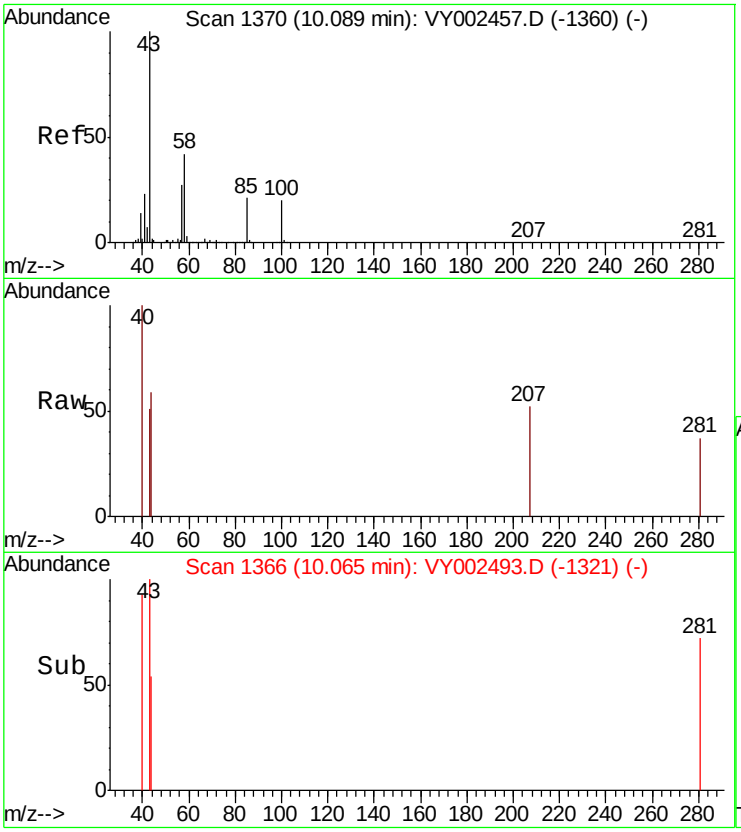


#50
Toluene-d8
Concen: 72.035 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.02 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Tgt Ion: 98 Resp: 22974

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7



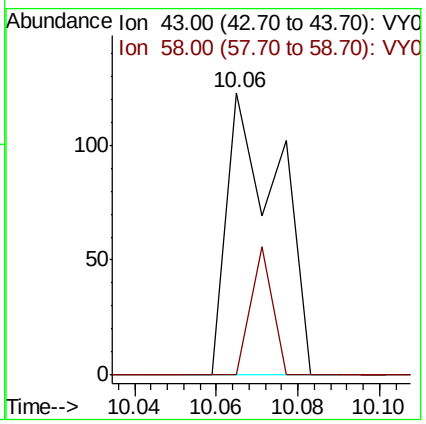


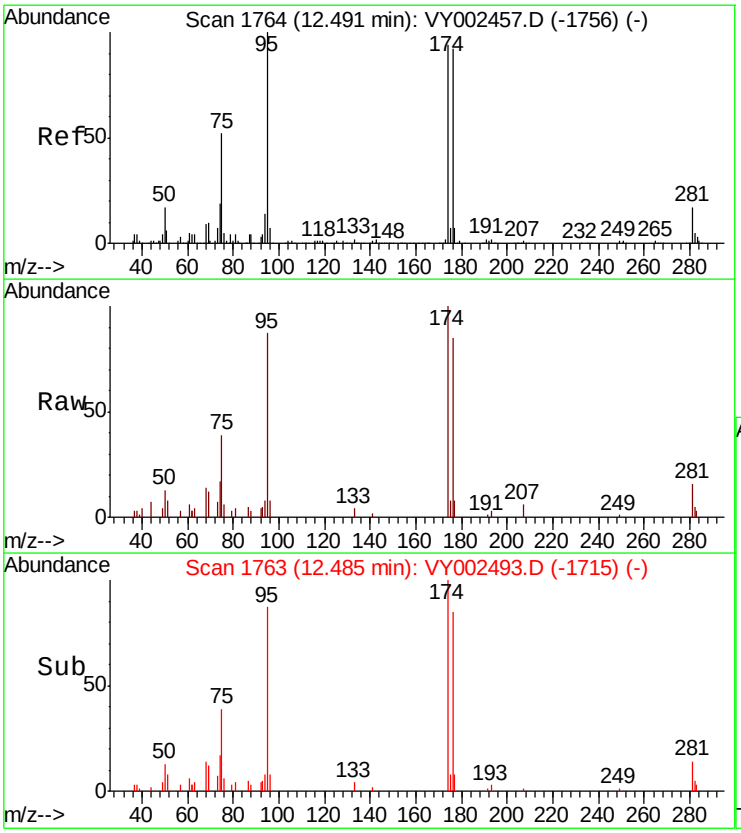
#51
4-Methyl-2-Pentanone
Concen: 1.834 ug/l
RT: 10.06 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 108

Ion	Ratio	Lower	Upper
43	100		
58	18.5	33.2	49.8#

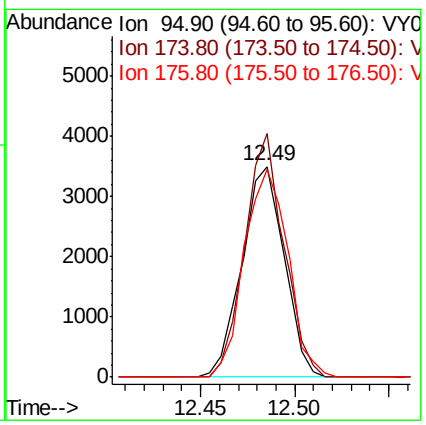


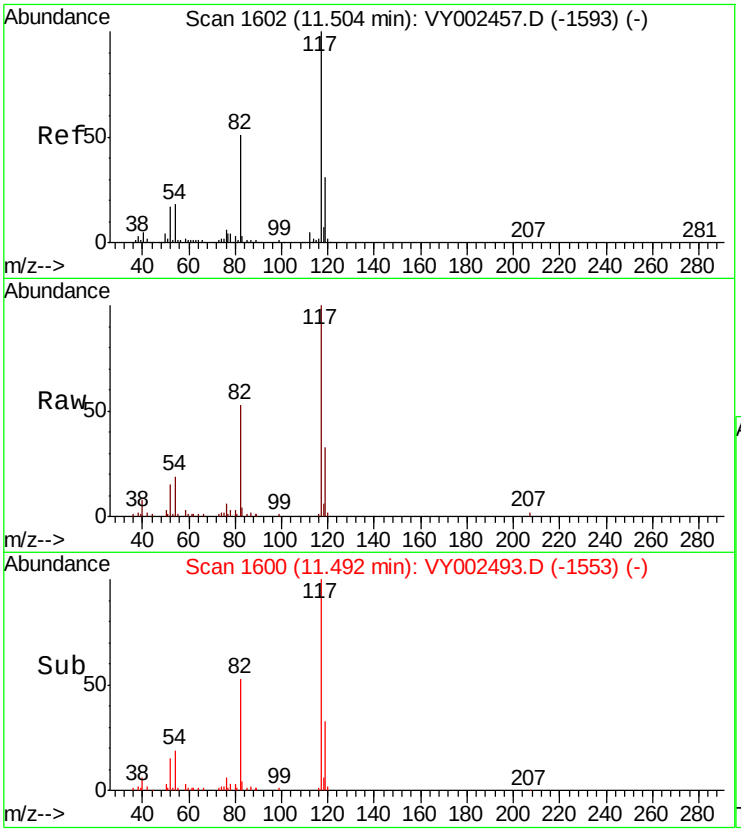


#62
4-Bromofluorobenzene
Concen: 50.900 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Tgt Ion: 95 Resp: 5447

Ion	Ratio	Lower	Upper
95	100		
174	106.9	0.0	193.0
176	101.9	0.0	190.4



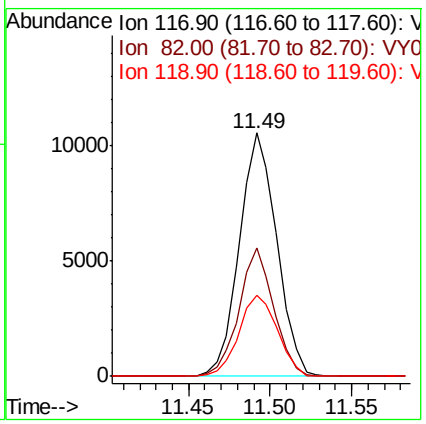


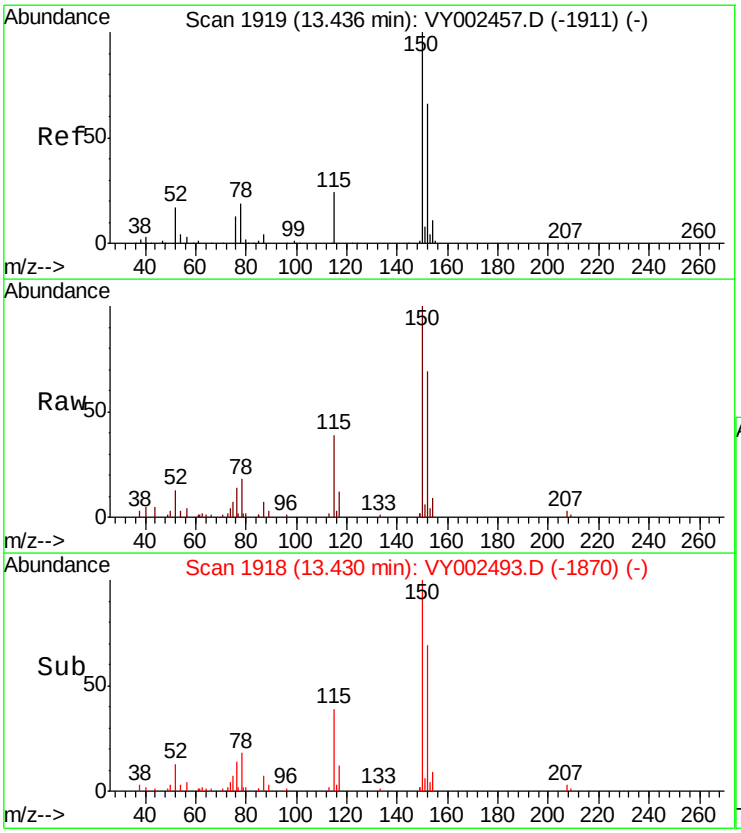
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 16777

Ion	Ratio	Lower	Upper
117	100		
82	52.6	40.8	61.2
119	33.2	25.2	37.8

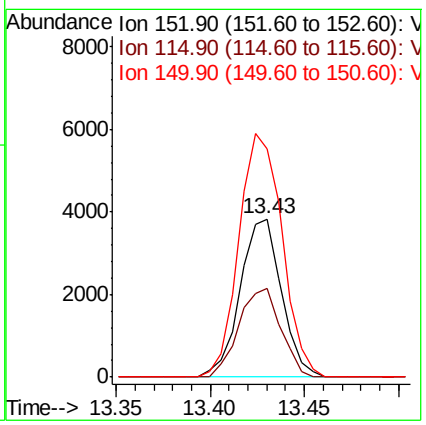


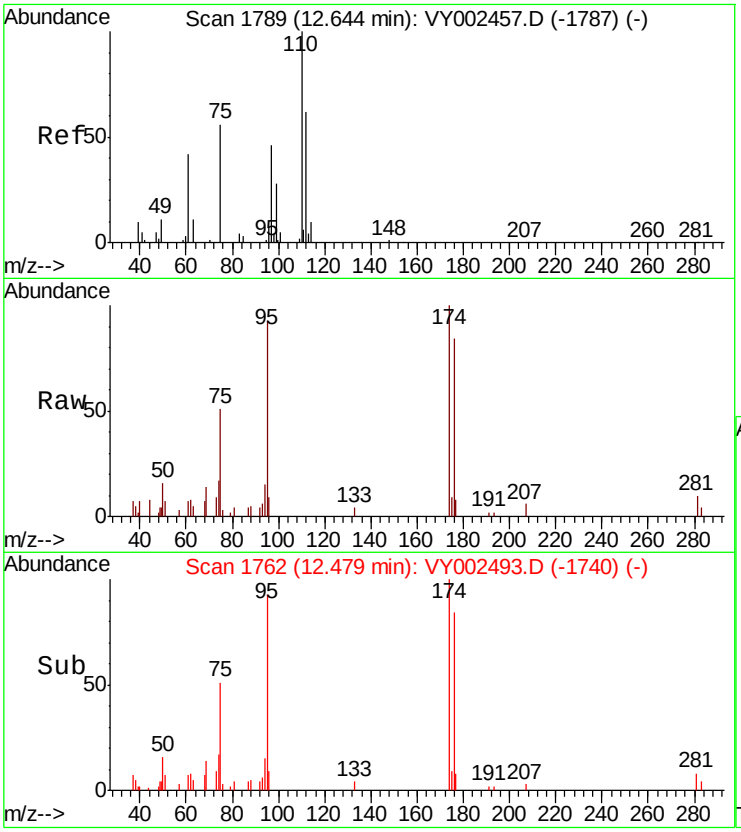


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Tgt Ion:152 Resp: 5812

Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.3	81.8
150	161.3	0.0	346.8



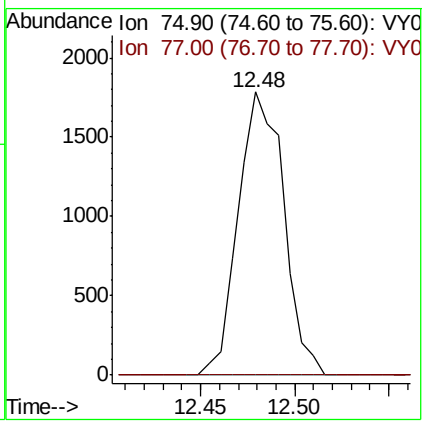


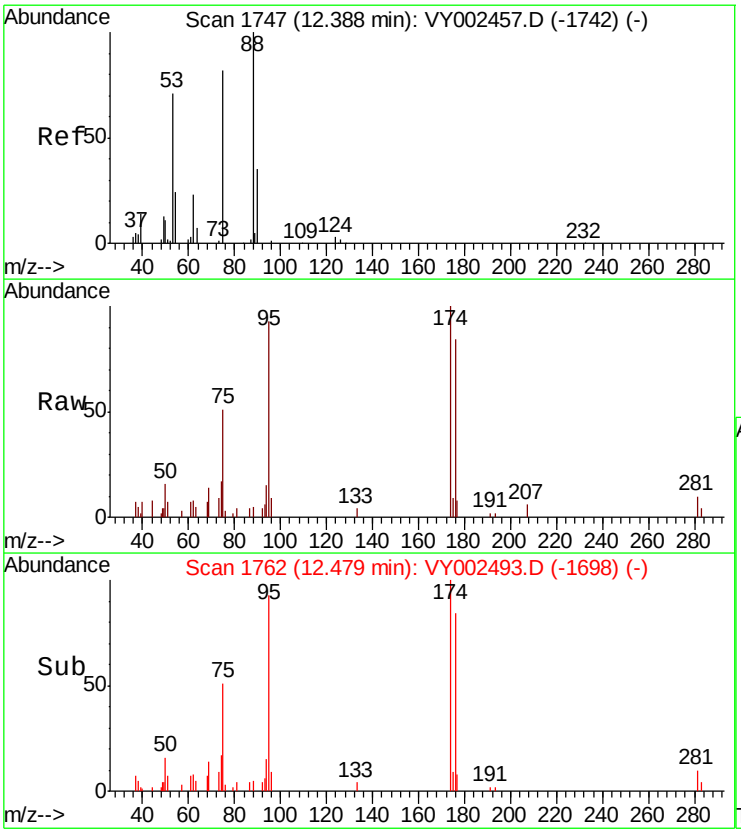
#76
1,2,3-Trichloropropane
Concen: 60.516 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2981

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

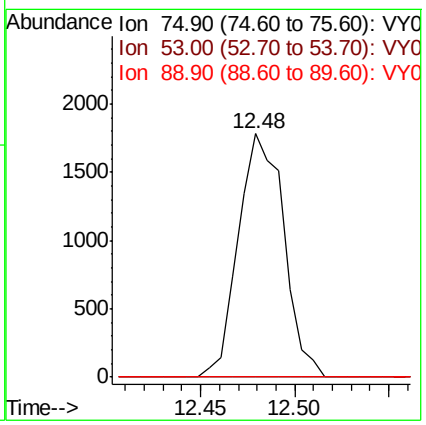


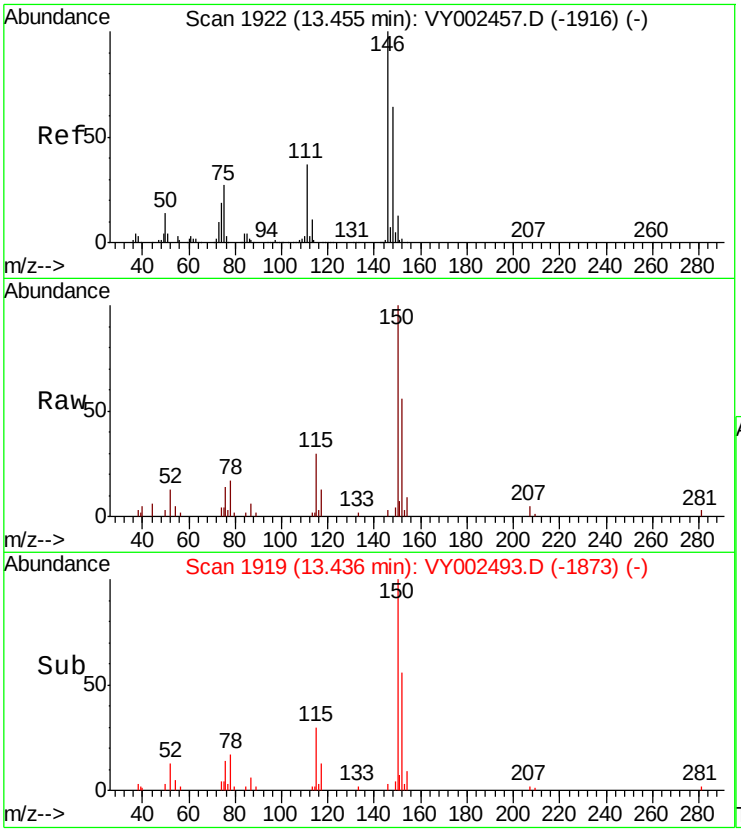


#81
trans-1,4-Dichloro-2-butene
Concen: 111.983 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Tgt Ion: 75 Resp: 2981

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



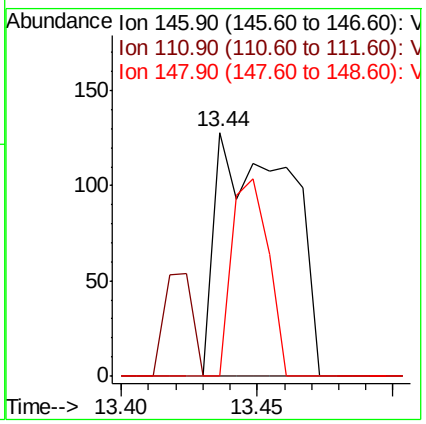


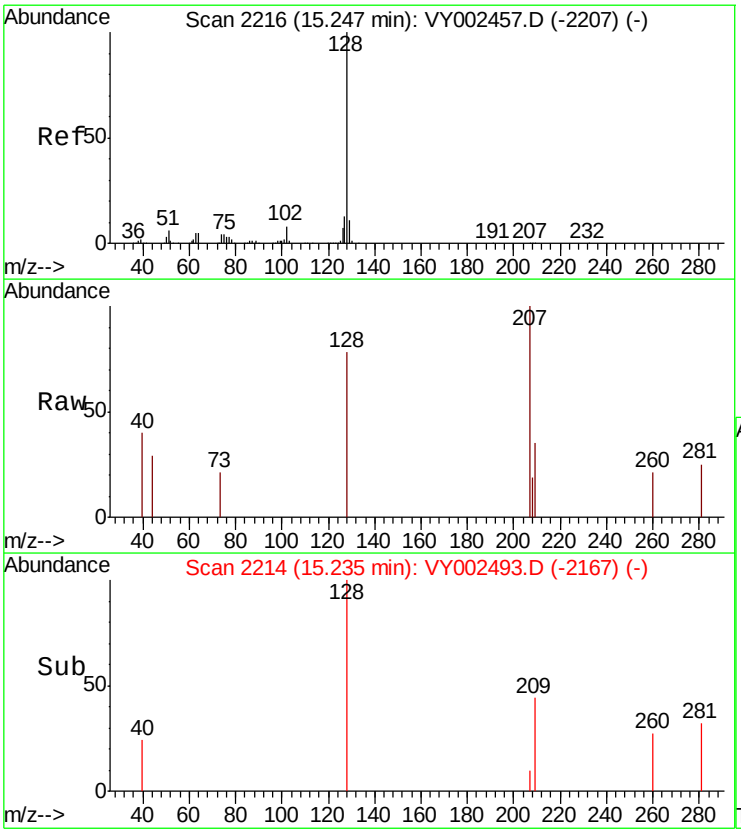
#88
1,4-Dichlorobenzene
Concen: 1.328 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.02 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 238

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.1	54.1#
148	40.3	32.1	96.5





#95
Naphthalene
Concen: 1.188 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY002493.D
Acq: 28 Apr 2020 14:42

Tgt Ion:128 Resp: 270

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.8	13.2#