Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110320\
Data File : VY003499.D
Acq On : 03 Nov 2020 17:49
Operator : SY/MD
Sample : L4600-13RE
Misc : 6.96G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CRT-6RE

Quant Time: Nov 04 00:25:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	142566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	253036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	221557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	89810	61.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.90%			
35) Dibromofluoromethane	7.73	113	80101	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.04%			
50) Toluene-d8	10.18	98	309335	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.58%			
62) 4-Bromofluorobenzene	12.48	95	87801	41.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.74%			
Target Compounds						Qvalue
10) Methyl Iodide	4.09	142	60	4.650	ug/l #	41
11) Tert butyl alcohol	4.96	59	22	Below Cal	#	73
16) Acetone	3.97	43	2593	5.378	ug/l	91
20) Methylene Chloride	4.73	84	4760	3.506	ug/l	89
29) Tetrahydrofuran	7.36	42	1120	3.554	ug/l #	91
31) Cyclohexane	7.80	56	2623	1.197	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	9667	4.052	ug/l #	51
38) Carbon Tetrachloride	7.80	117	12600	5.091	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	1513	1.067	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	46913	46.098	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	46913	96.215	ug/l #	12
95) Naphthalene	15.23	128	102510	27.396	ug/l	100

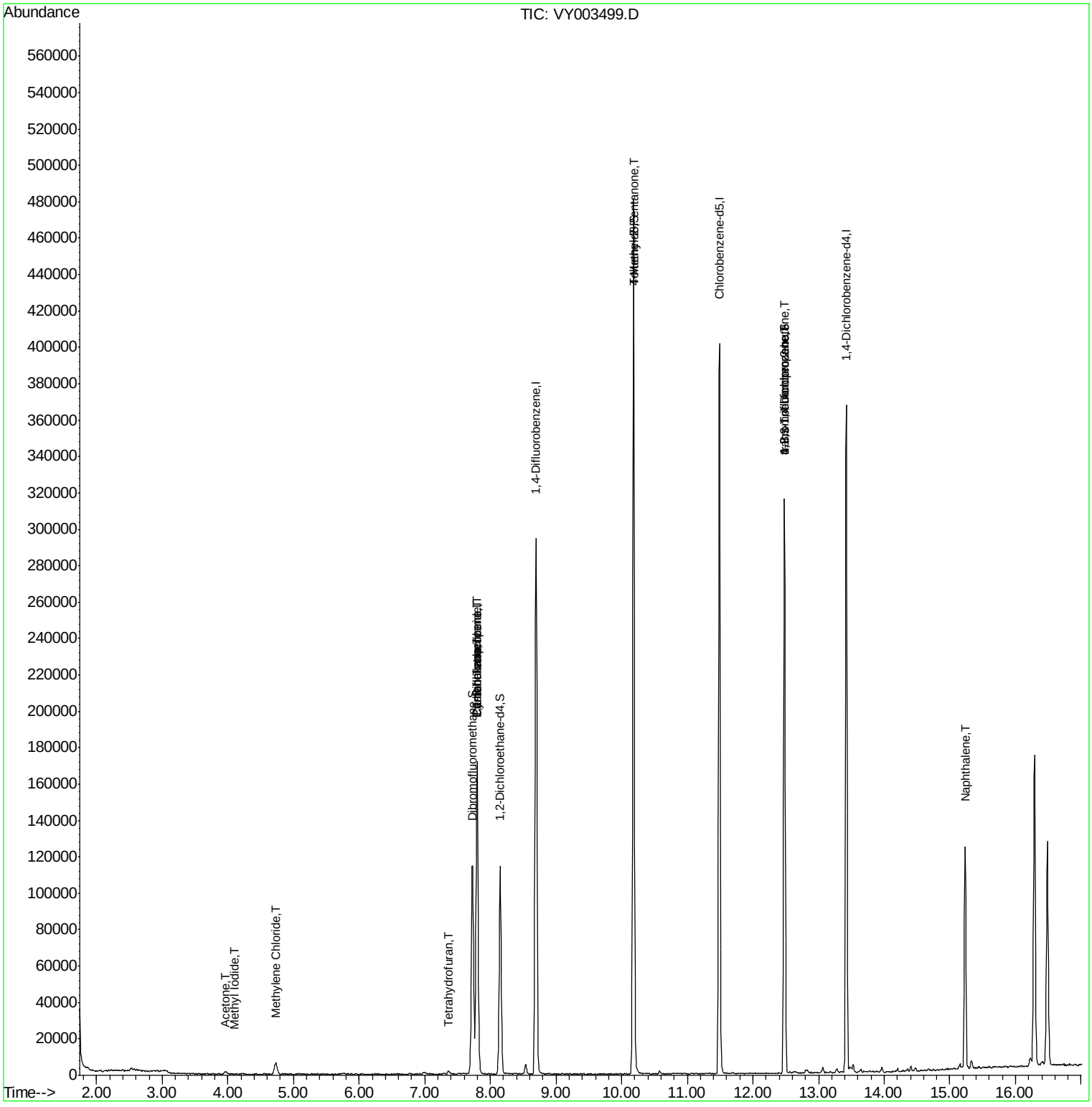
(#) = qualifier out of range (m) = manual integration (+) = signals summed

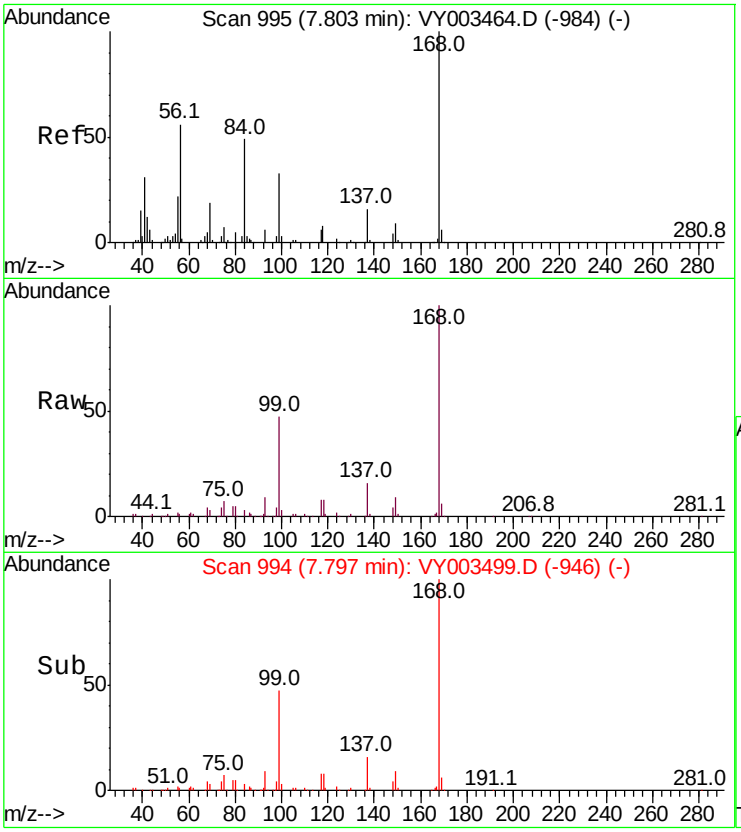
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110320\
Data File : VY003499.D
Acq On : 03 Nov 2020 17:49
Operator : SY/MD
Sample : L4600-13RE
Misc : 6.96G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CRT-6RE

Quant Time: Nov 04 00:25:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration



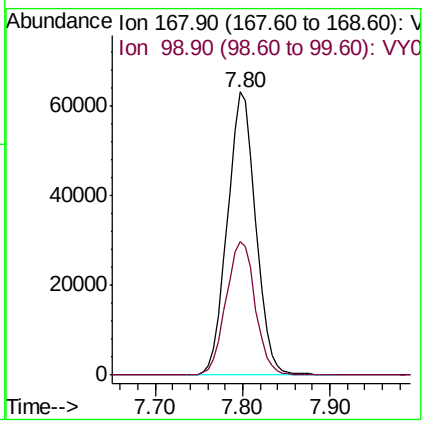


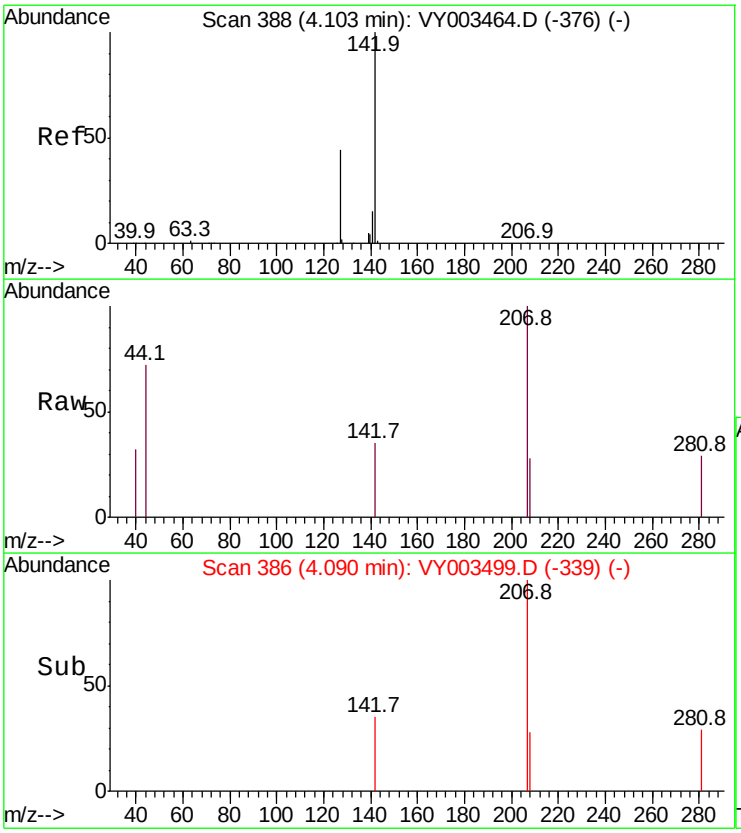
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CRT-6RE

Tgt Ion:168 Resp: 142566

Ion	Ratio	Lower	Upper
168	100		
99	47.3	39.7	59.5

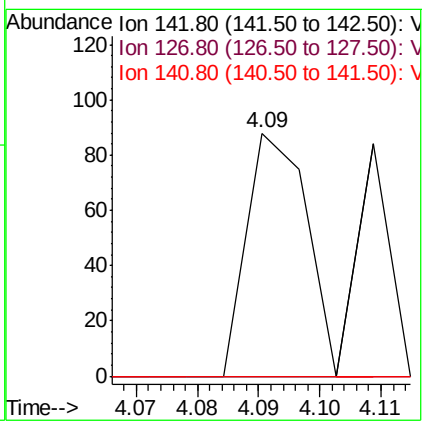


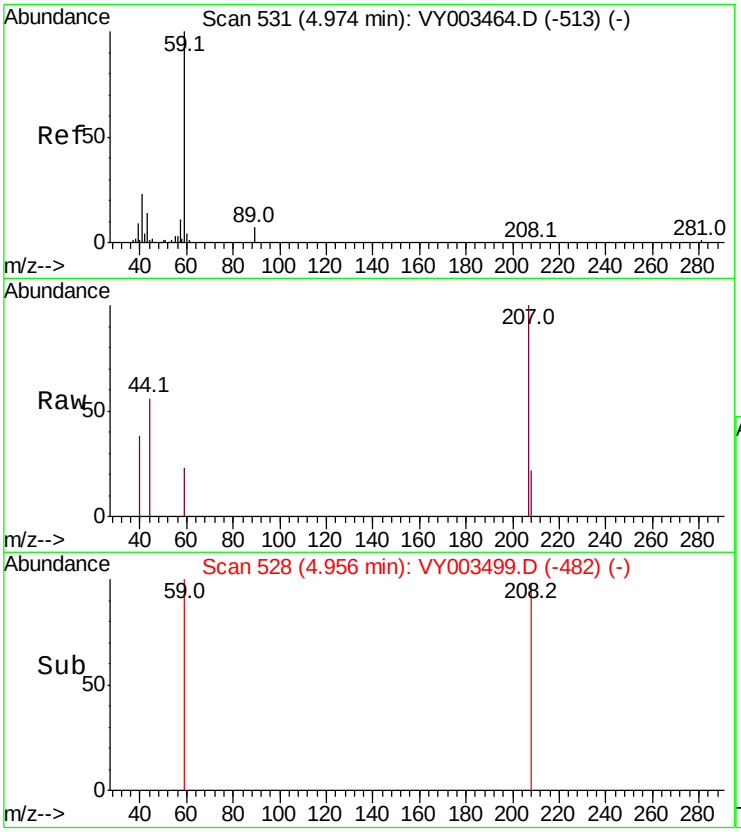


#10
Methyl Iodide
Concen: 4.650 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Tgt Ion:142 Resp: 60

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.5	51.7#
141	0.0	11.8	17.8#



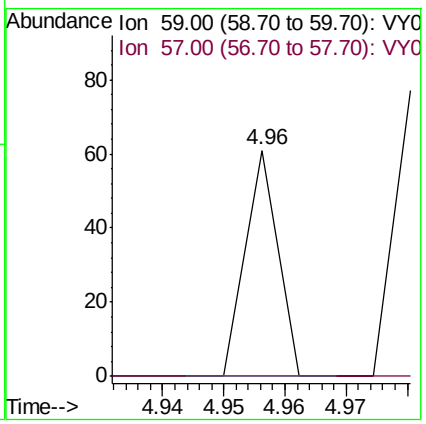


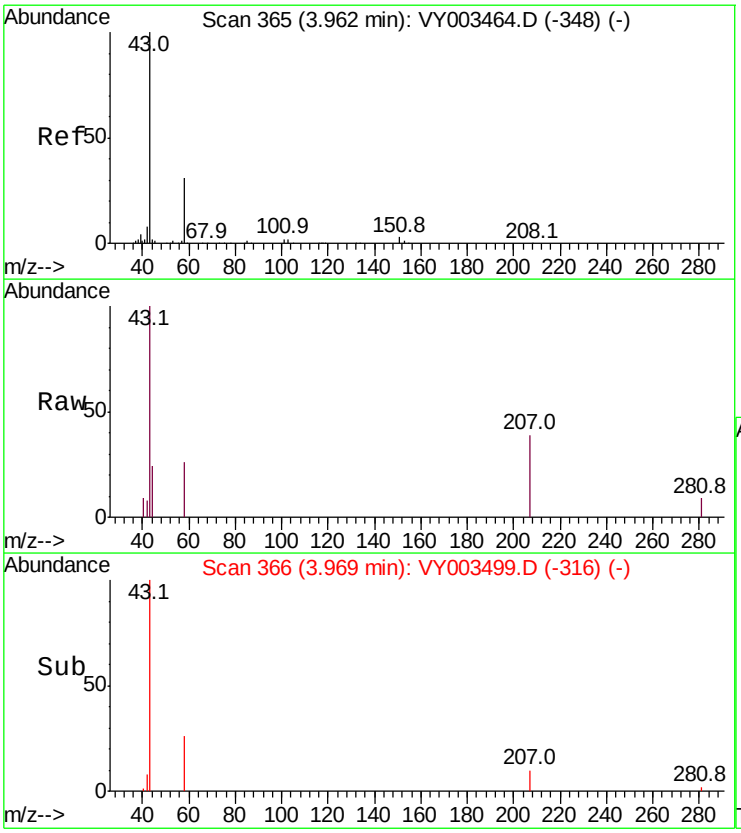
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.96 min Scan# 528
Delta R.T. -0.02 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CRT-6RE

Tgt Ion: 59 Resp: 22

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

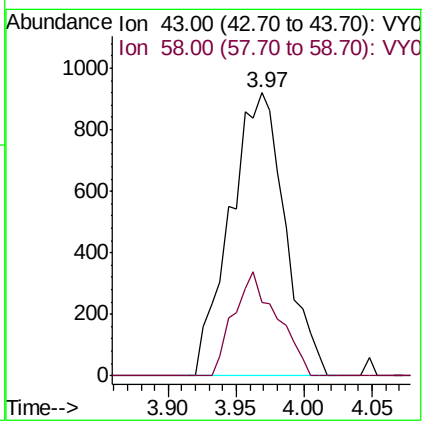


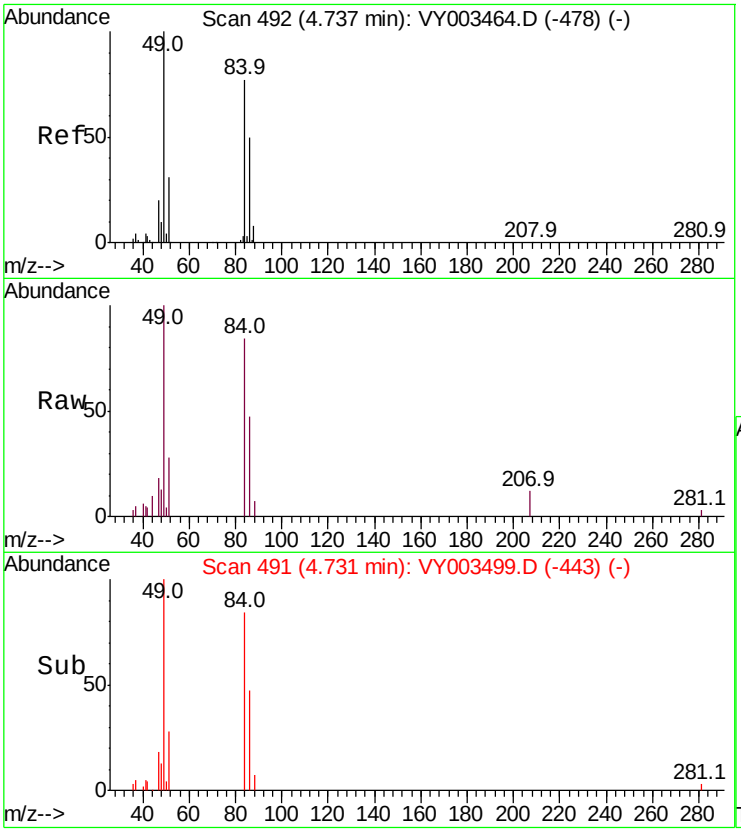


#16
Acetone
Concen: 5.378 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Tgt Ion: 43 Resp: 2593

Ion	Ratio	Lower	Upper
43	100		
58	26.0	25.0	37.4



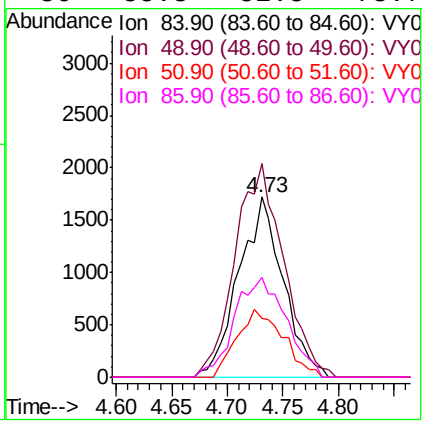


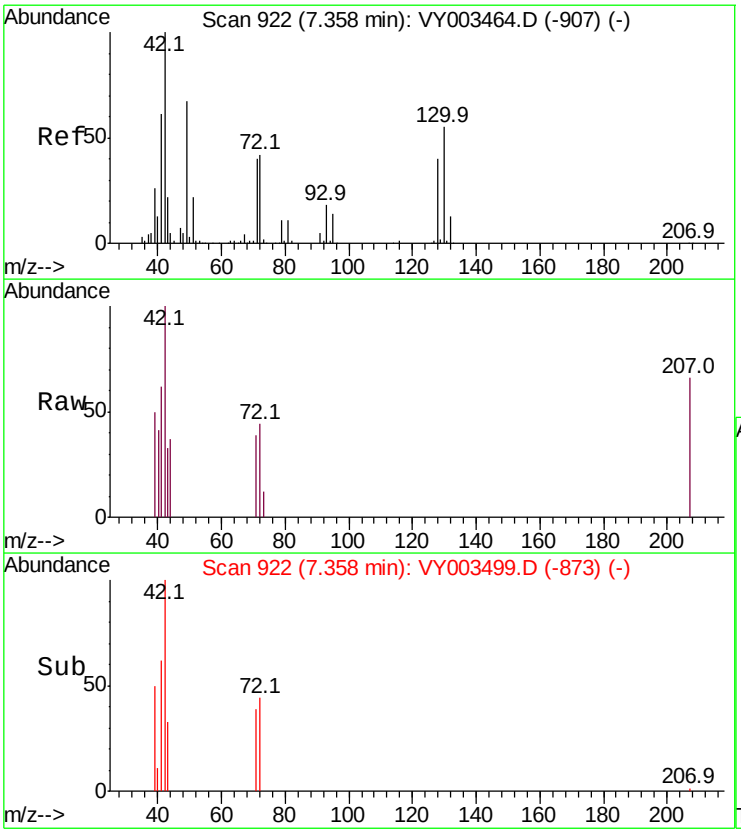
#20
Methylene Chloride
Concen: 3.506 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument : MSVOA_Y
ClientSampleId : CRT-6RE

Tgt Ion: 84 Resp: 4760

Ion	Ratio	Lower	Upper
84	100		
49	118.5	104.3	156.5
51	32.8	32.5	48.7
86	55.8	52.5	78.7

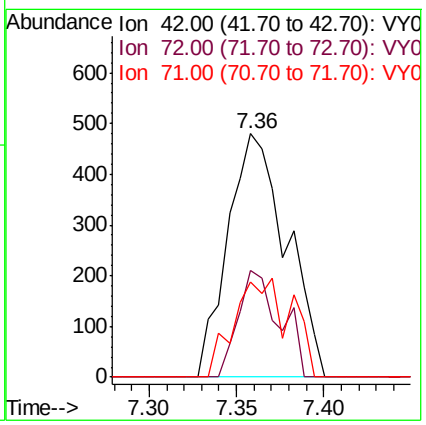


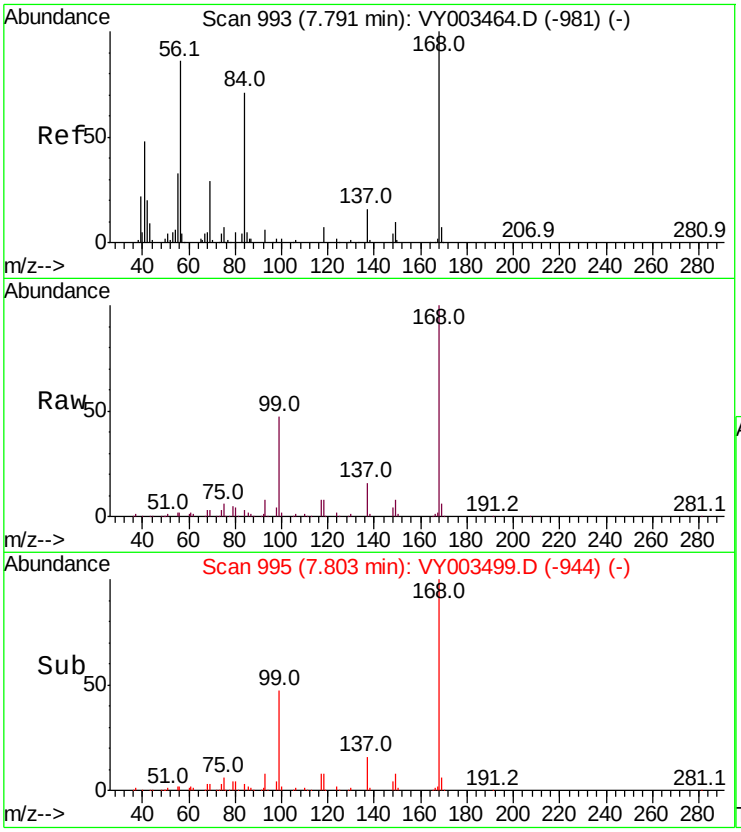


#29
Tetrahydrofuran
Concen: 3.554 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Tgt Ion: 42 Resp: 1120

Ion	Ratio	Lower	Upper
42	100		
72	30.7	32.8	49.2#
71	39.1	30.7	46.1



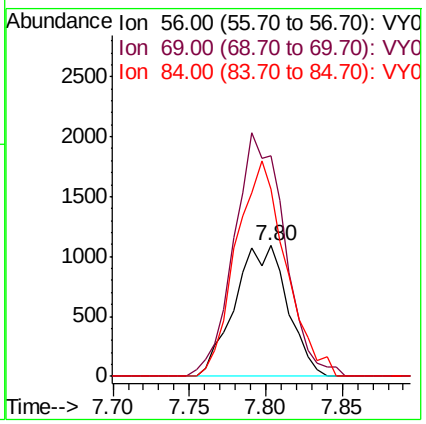


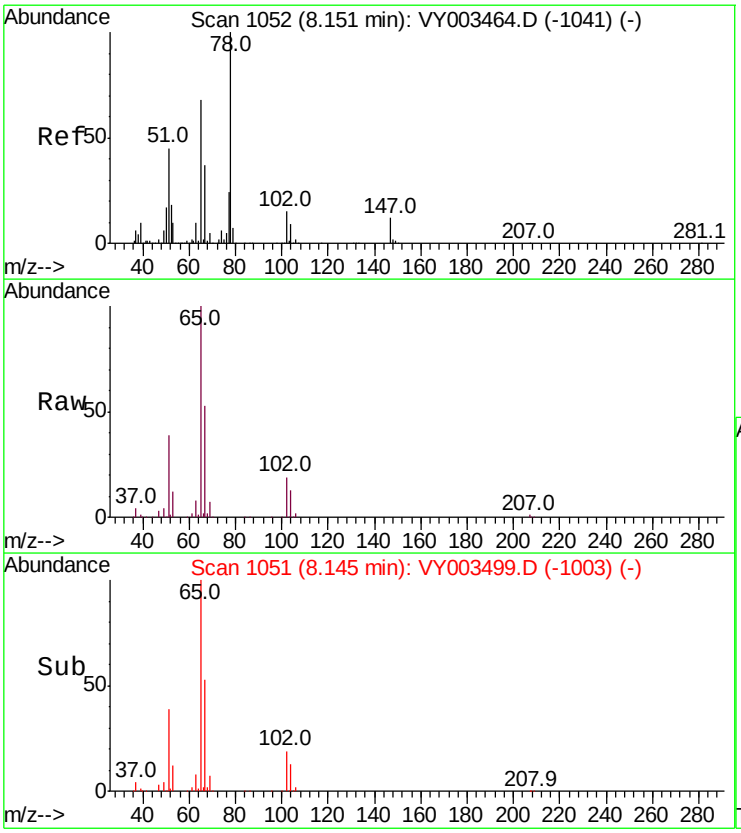
#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument : MSVOA_Y
ClientSampleId : CRT-6RE

Tgt Ion: 56 Resp: 2623

Ion	Ratio	Lower	Upper
56	100		
69	168.6	26.6	39.8#
84	144.0	65.9	98.9#

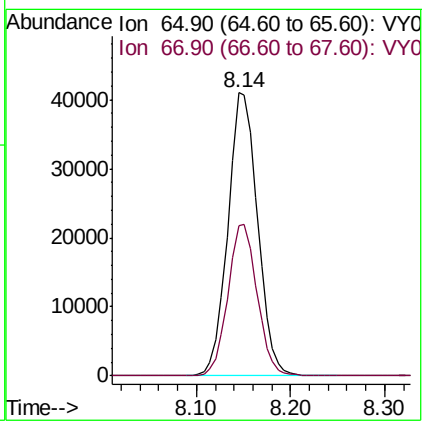


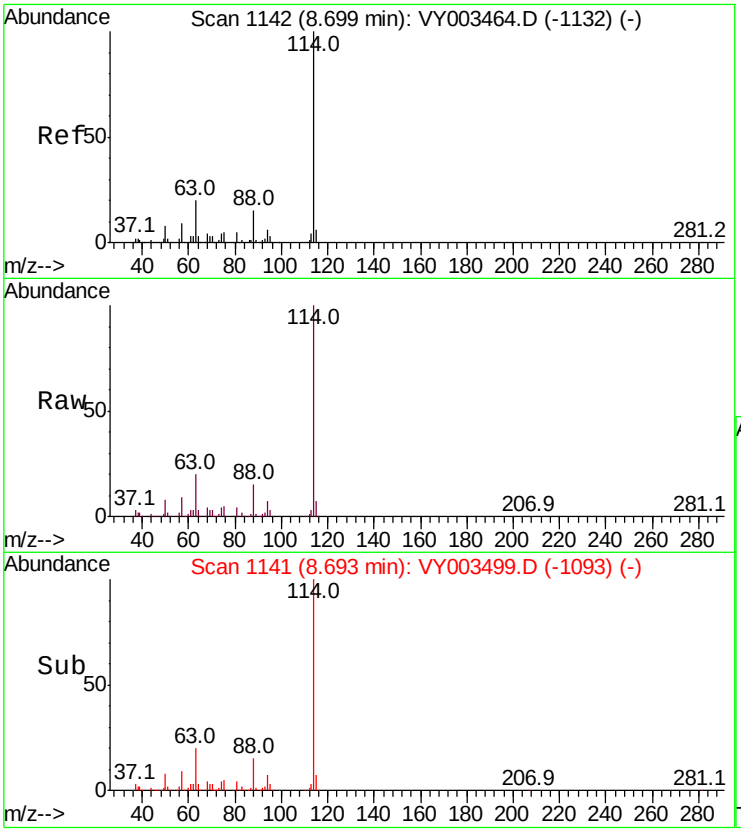


#33
1,2-Dichloroethane-d4
Concen: 61.448 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Tgt Ion: 65 Resp: 89810

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.0



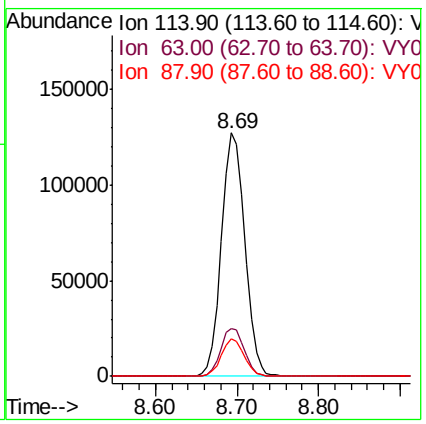


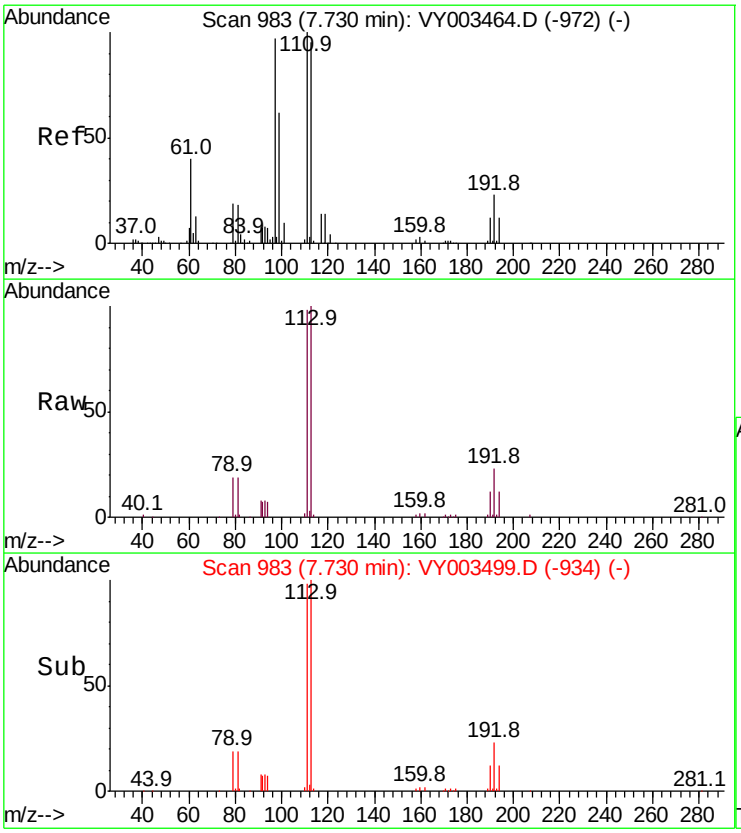
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CRT-6RE

Tgt Ion:114 Resp: 253036

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.6
88	15.4	0.0	29.4

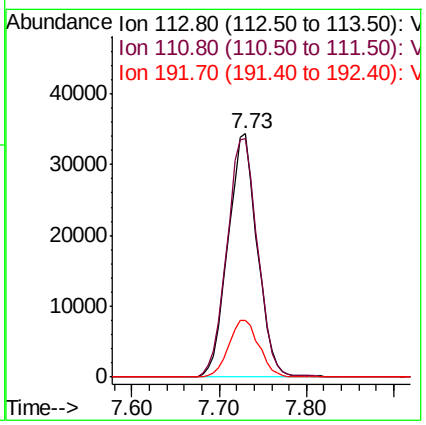


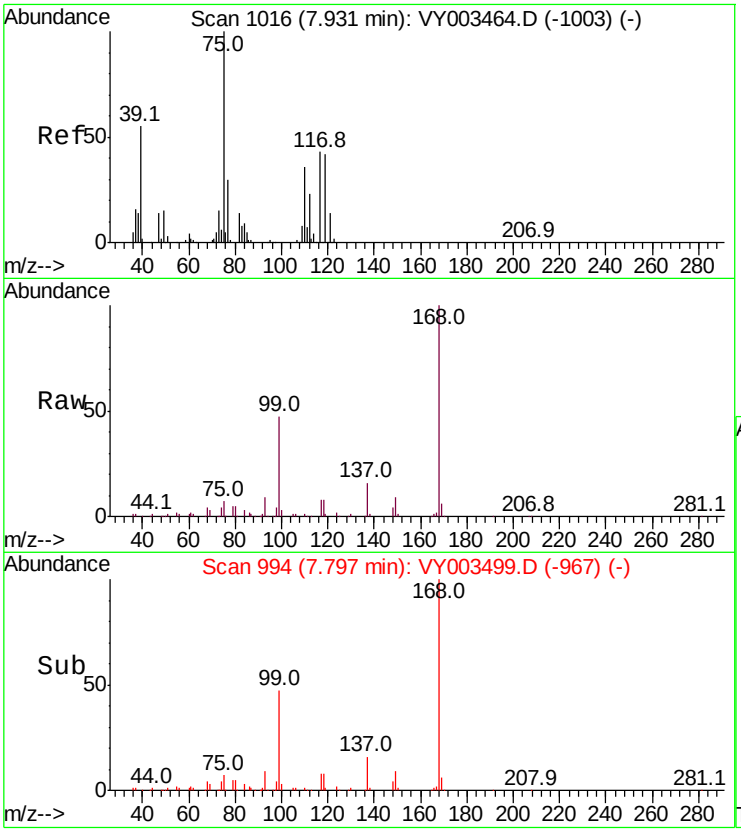


#35
Dibromofluoromethane
Concen: 52.021 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Tgt Ion:113 Resp: 80101

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.6
192	24.2	18.8	28.2



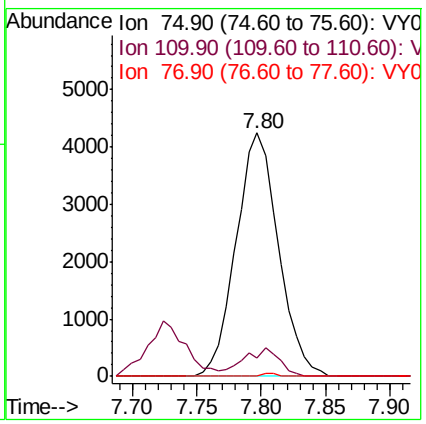


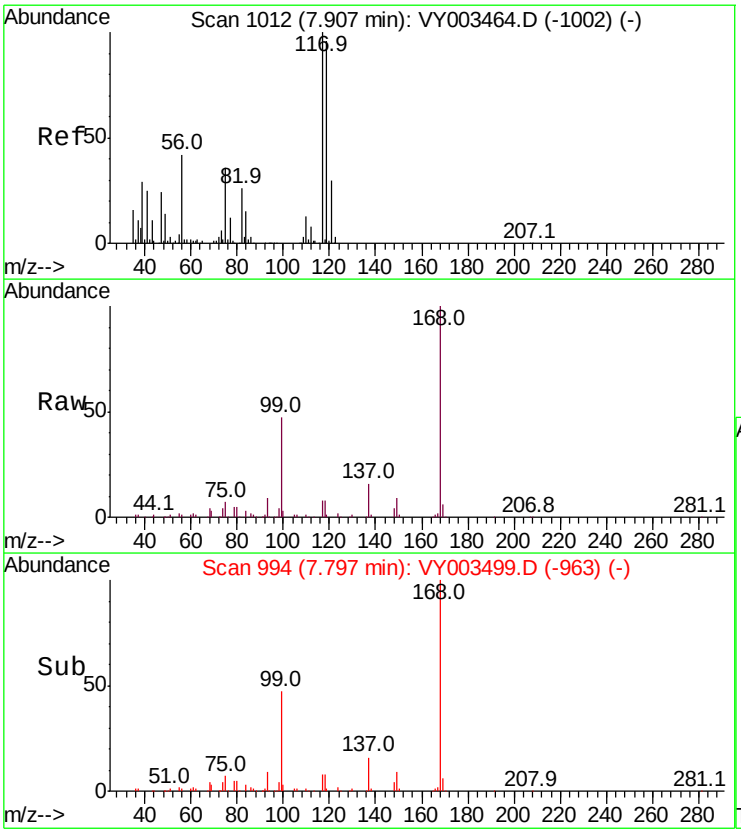
#36
1,1-Dichloropropene
Concen: 4.052 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CRT-6RE

Tgt Ion: 75 Resp: 9667

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.6	52.9#
77	0.4	24.7	37.1#

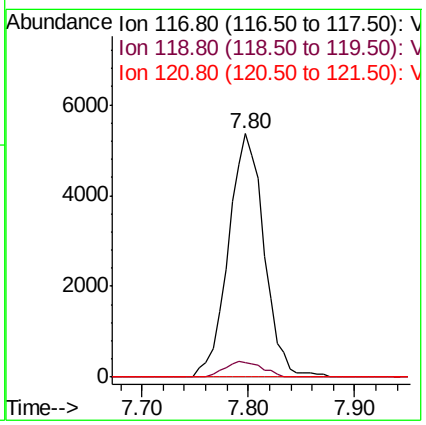


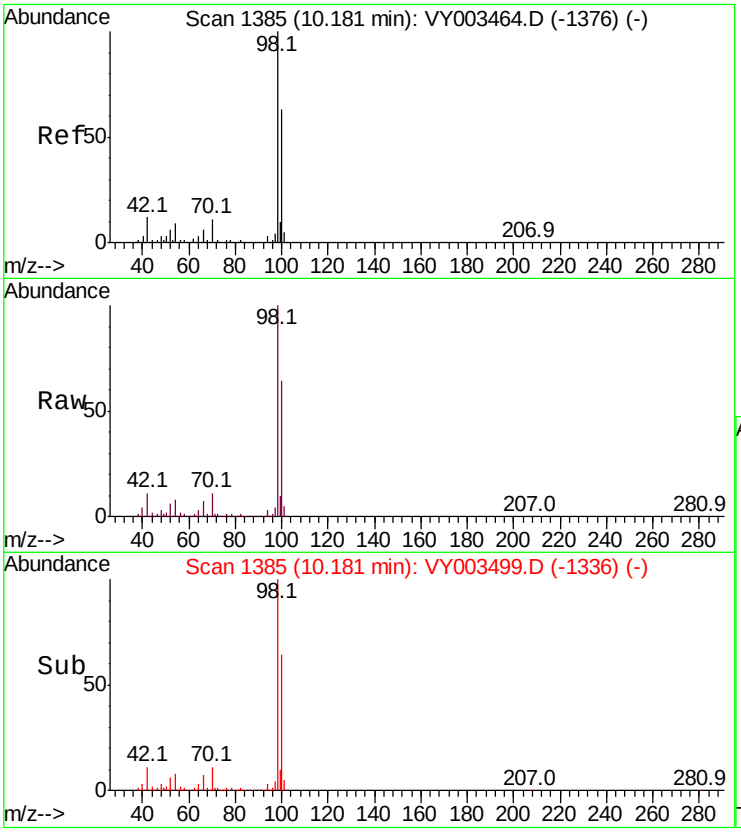


#38
Carbon Tetrachloride
Concen: 5.091 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Tgt Ion:117 Resp: 12600

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.2	114.4#
121	0.0	24.2	36.4#



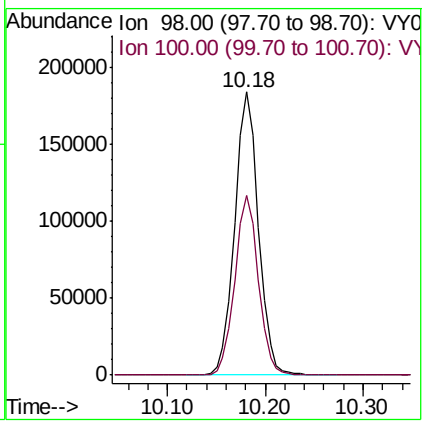


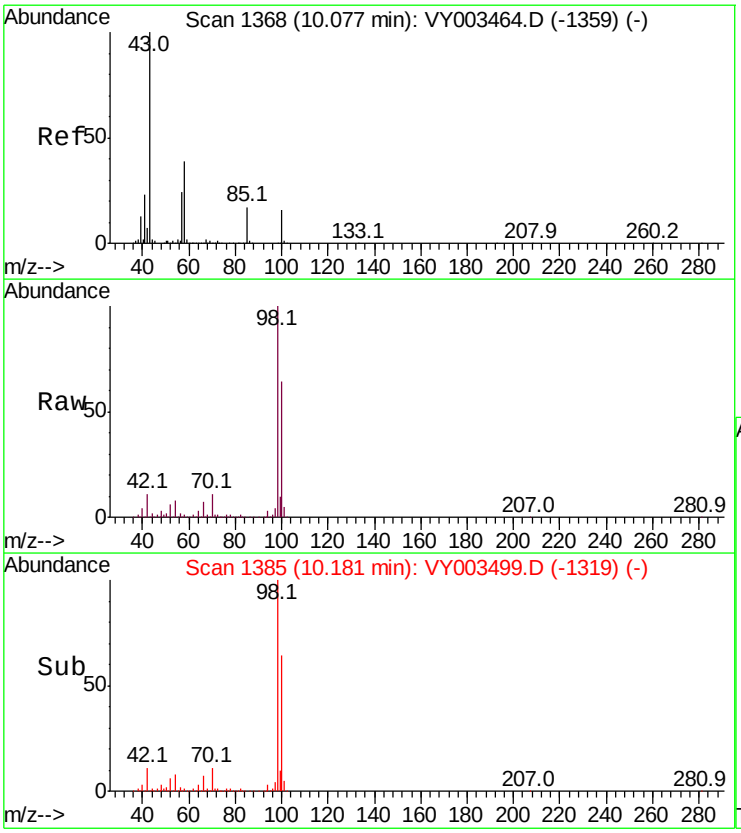
#50
Toluene-d8
Concen: 48.291 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CRT-6RE

Tgt Ion: 98 Resp: 309335

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3

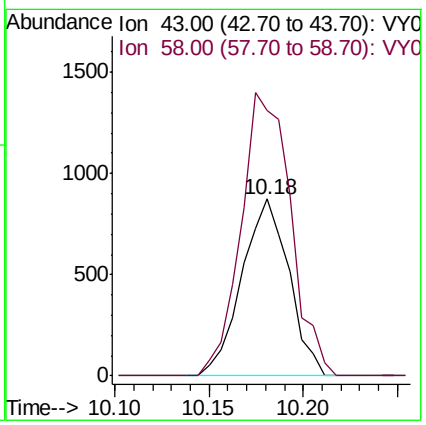


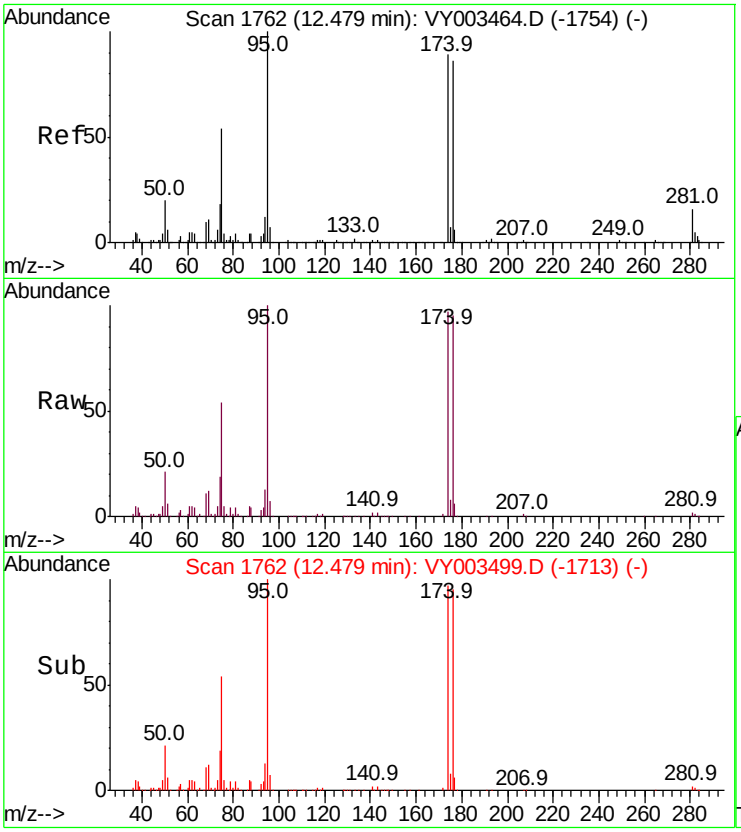


#51
4-Methyl-2-Pentanone
Concen: 1.067 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.10 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Tgt Ion: 43 Resp: 1513

Ion	Ratio	Lower	Upper
43	100		
58	169.2	31.0	46.4#



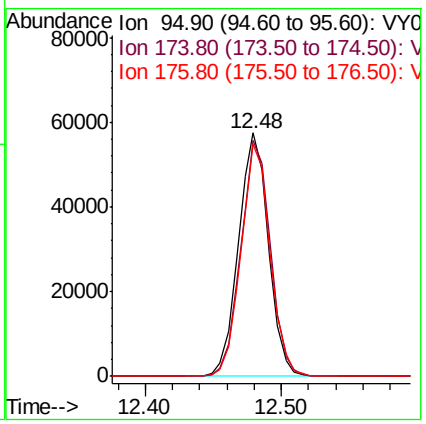


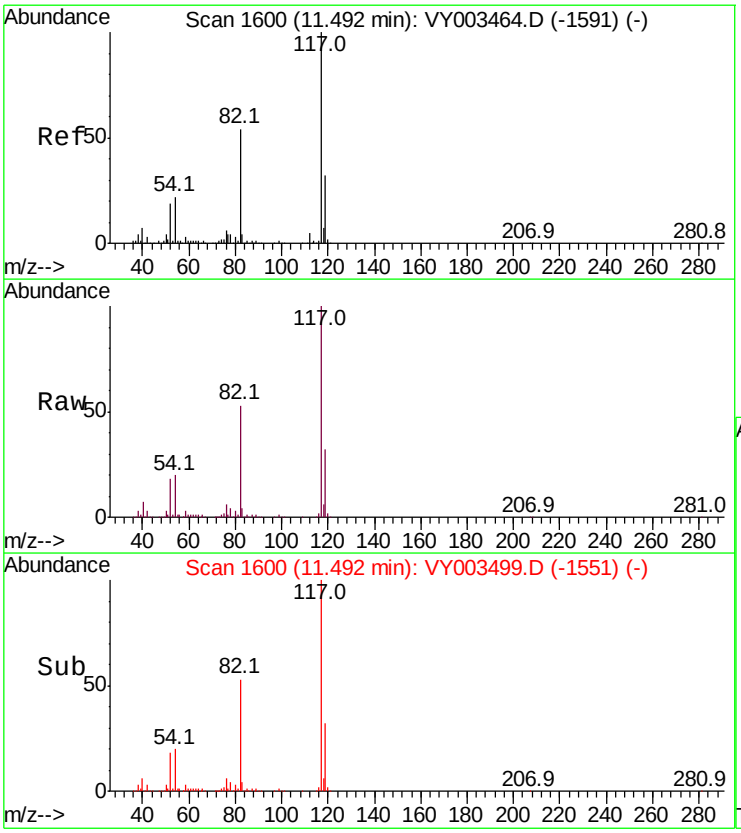
#62
4-Bromofluorobenzene
Concen: 41.369 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CRT-6RE

Tgt Ion: 95 Resp: 87801

Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	193.0
176	93.2	0.0	187.4

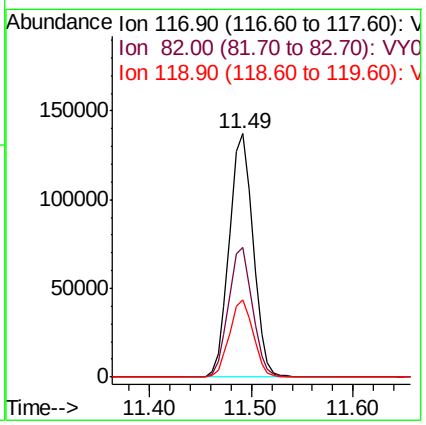


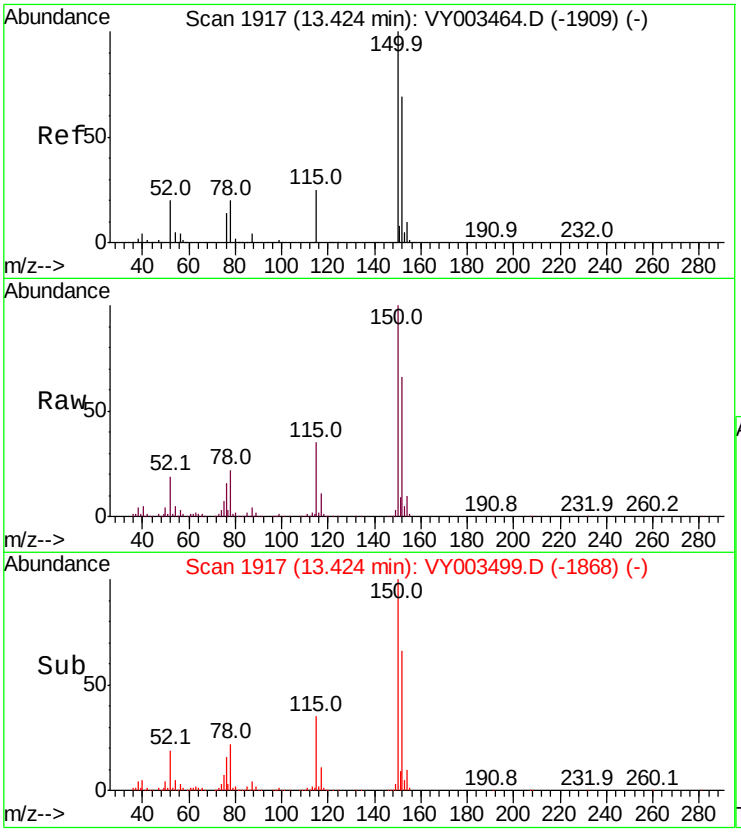


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Tgt Ion:117 Resp: 221557

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.4	65.2
119	31.5	25.8	38.6



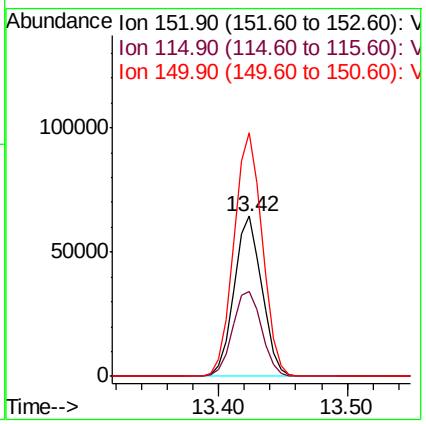


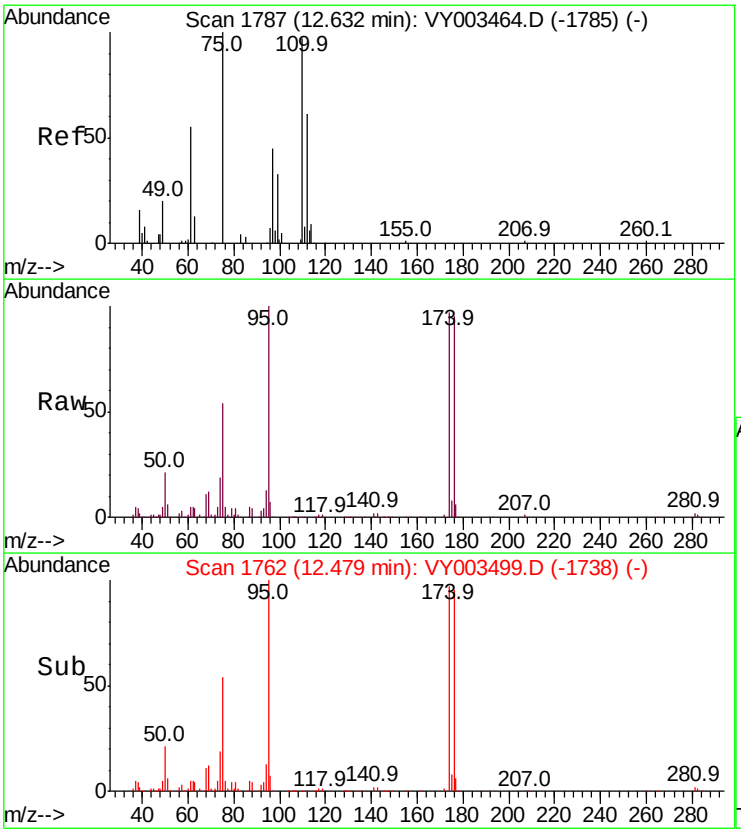
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CRT-6RE

Tgt Ion:152 Resp: 96182

Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.5	82.4
150	155.6	0.0	345.8

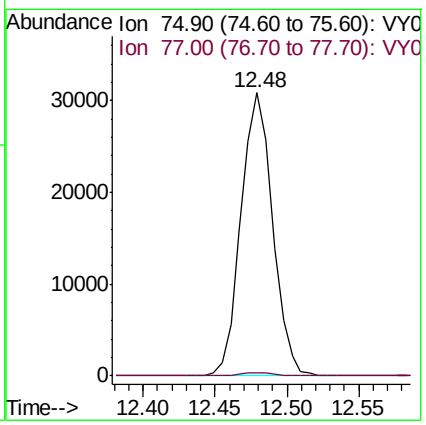


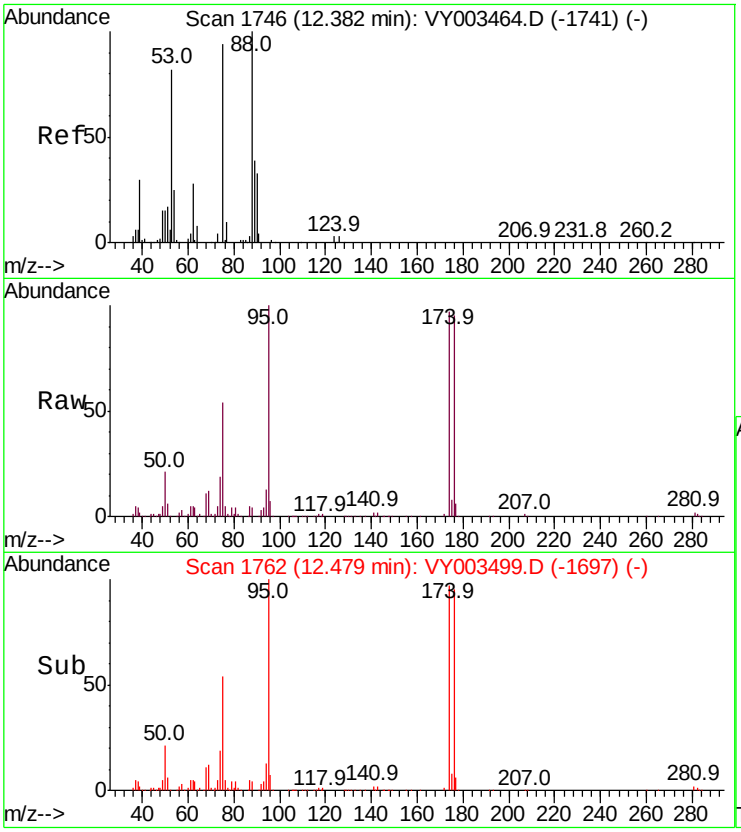


#76
1,2,3-Trichloropropane
Concen: 46.098 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Tgt Ion: 75 Resp: 46913

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



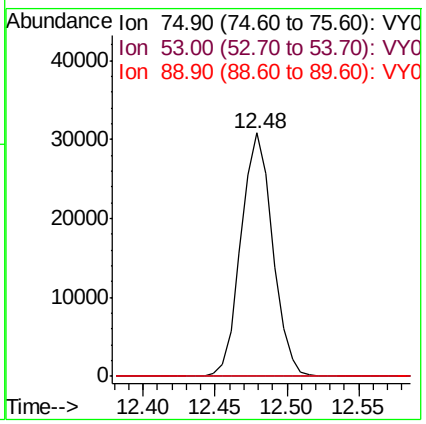


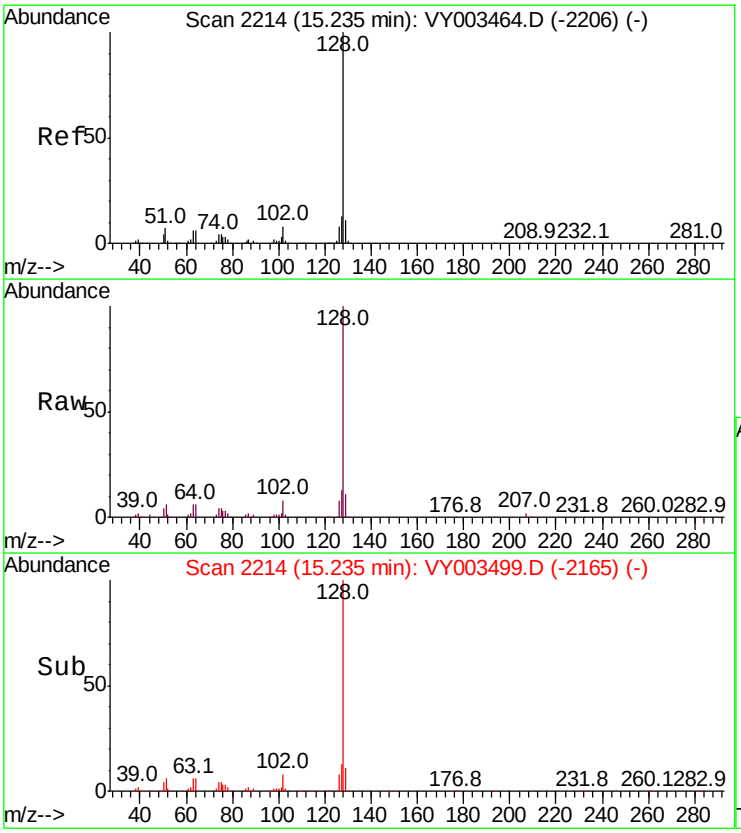
#81
trans-1,4-Dichloro-2-butene
Concen: 96.215 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CRT-6RE

Tgt Ion: 75 Resp: 46913

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	35.8	53.8#





#95
Naphthalene
Concen: 27.396 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Tgt Ion:128 Resp: 102510

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.8	8.6	13.0