Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112119\
Data File : VY000773.D
Acq On : 21 Nov 2019 17:11
Operator : SY/MD
Sample : K5959-02
Misc : 2.41G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 22 03:15:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	312938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	579420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	516343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	224843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	186673	57.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.28%			
35) Dibromofluoromethane	7.73	113	164220	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.56%			
50) Toluene-d8	10.18	98	696495	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.92%			
62) 4-Bromofluorobenzene	12.48	95	229816	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.54%			
Target Compounds						Qvalue
10) Methyl Iodide	4.09	142	170	3.237	ug/l #	91
16) Acetone	3.97	43	2513	2.815	ug/l #	80
20) Methylene Chloride	4.72	84	14625	3.824	ug/l #	92
28) Bromochloromethane	7.36	49	61	4.113	ug/l #	14
31) Cyclohexane	7.80	56	6688	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	27588	5.037	ug/l #	49
38) Carbon Tetrachloride	7.80	117	31431	5.963	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	116864	45.647	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	116864	102.348	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.12	105	16603	1.205	ug/l	96

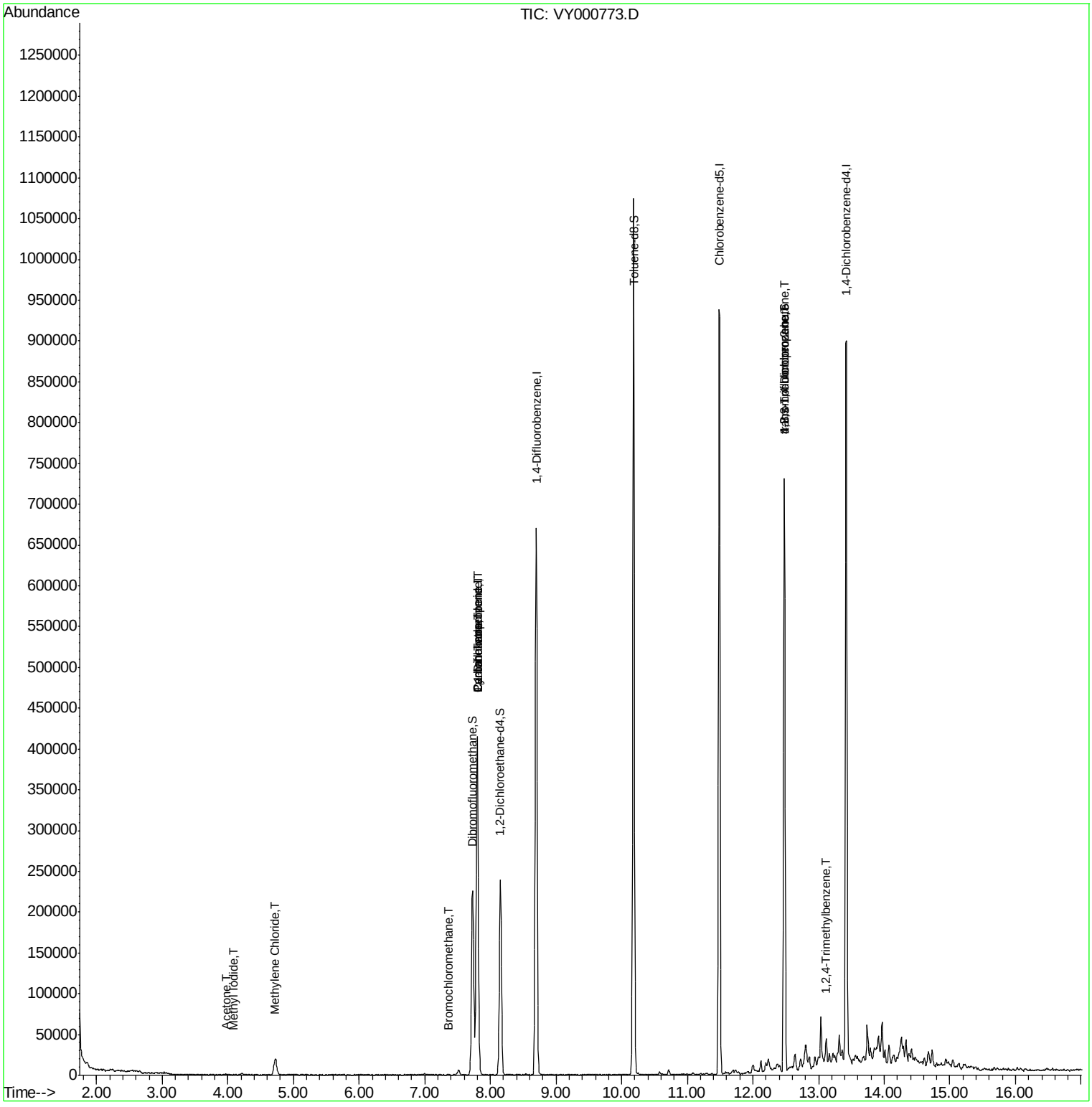
(#) = qualifier out of range (m) = manual integration (+) = signals summed

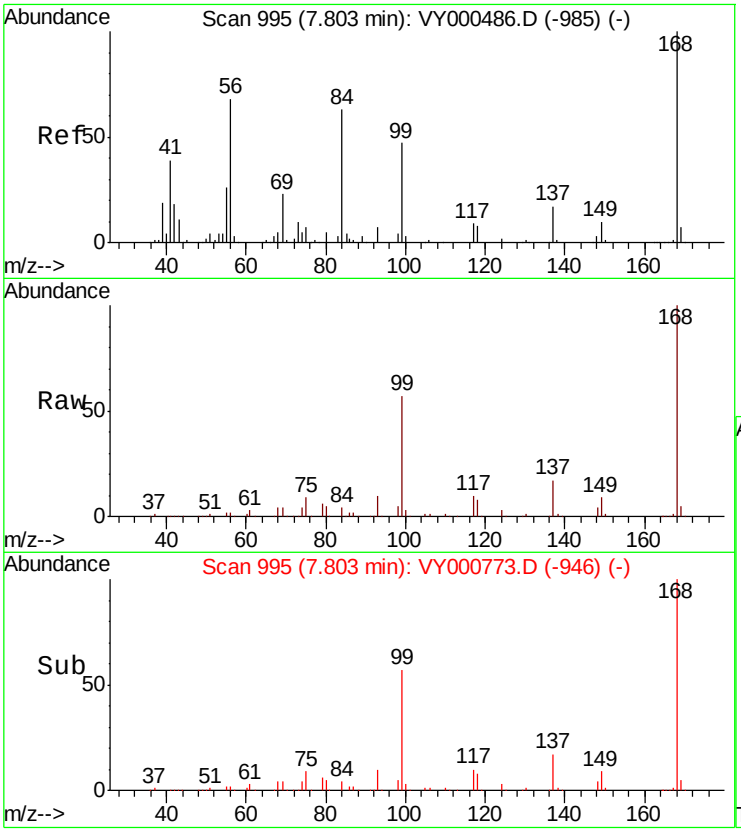
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112119\
Data File : VY000773.D
Acq On : 21 Nov 2019 17:11
Operator : SY/MD
Sample : K5959-02
Misc : 2.41G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 22 03:15:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration



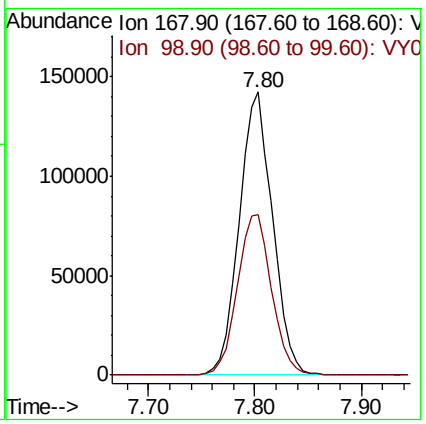


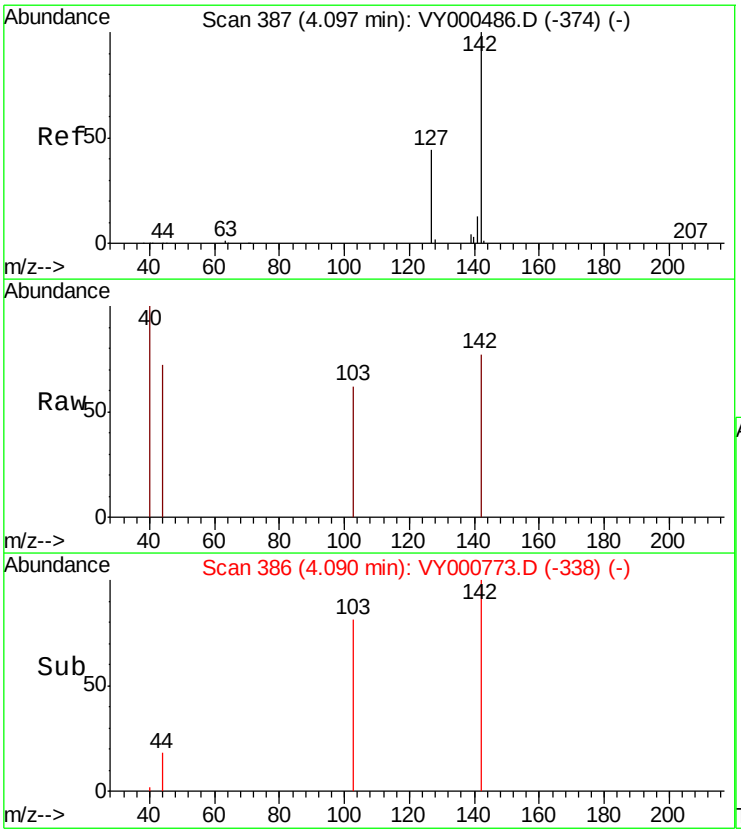
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 312938

Ion	Ratio	Lower	Upper
168	100		
99	56.8	45.7	68.5

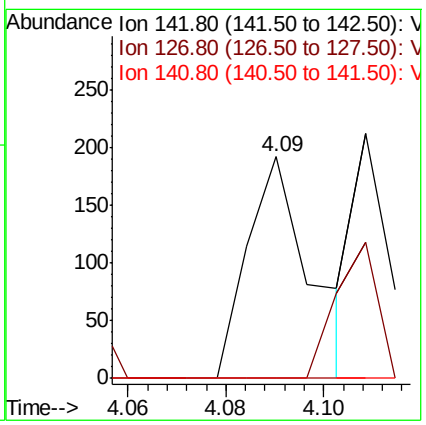


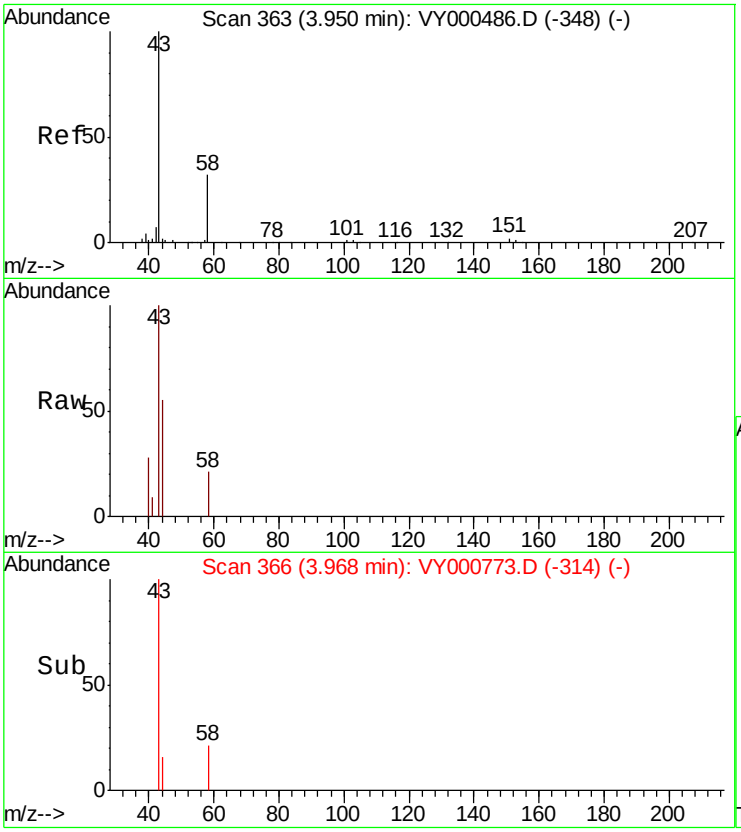


#10
Methyl Iodide
Concen: 3.237 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Tgt Ion:142 Resp: 170

Ion	Ratio	Lower	Upper
142	100		
127	41.2	33.7	50.5
141	0.0	10.9	16.3#



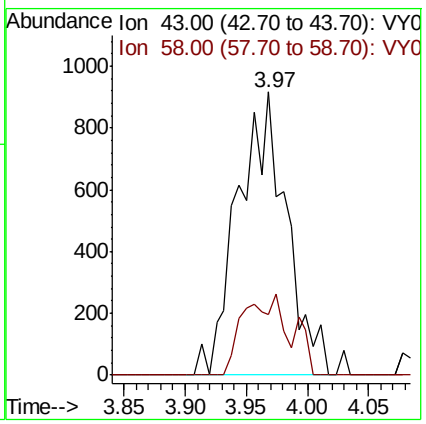


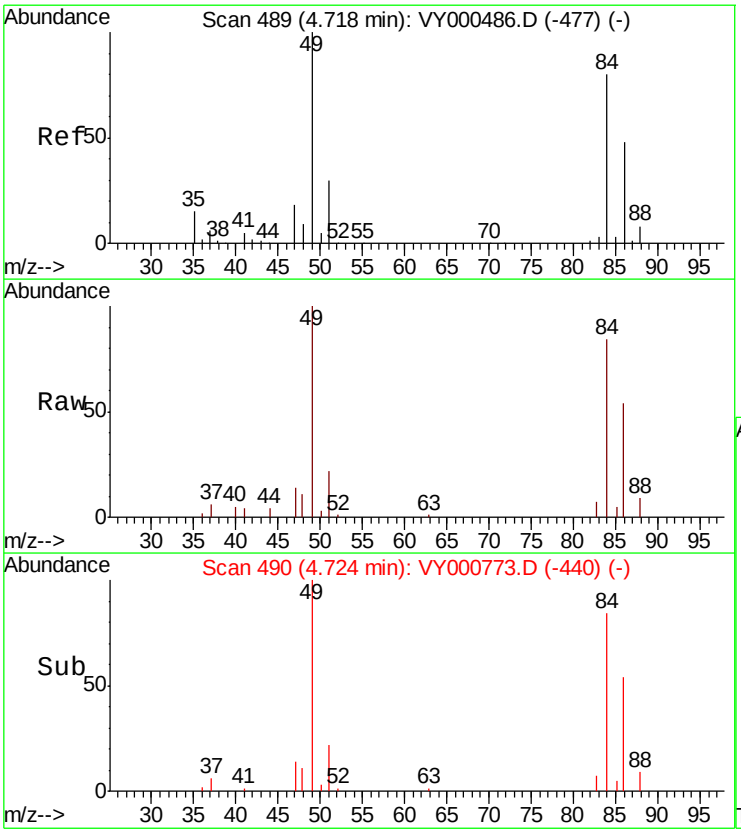
#16
Acetone
Concen: 2.815 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.02 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2513

Ion	Ratio	Lower	Upper
43	100		
58	21.3	25.8	38.6#

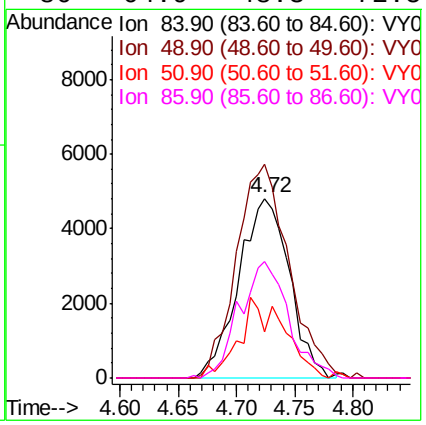


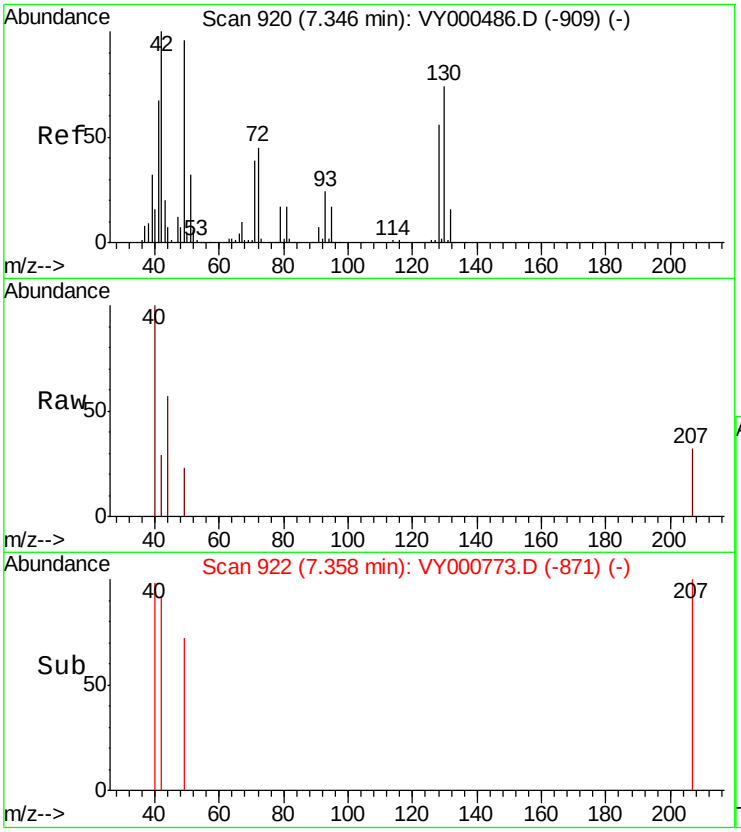


#20
Methylene Chloride
Concen: 3.824 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Tgt Ion: 84 Resp: 14625

Ion	Ratio	Lower	Upper
84	100		
49	119.2	100.2	150.4
51	25.9	29.6	44.4#
86	64.9	48.3	72.5



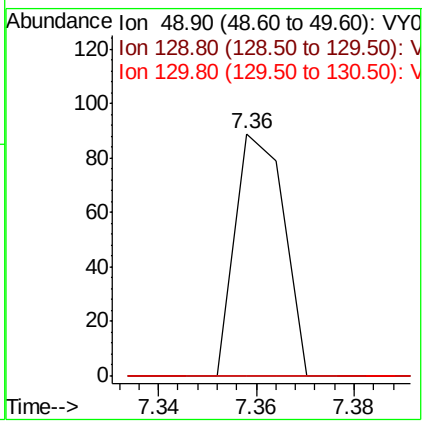


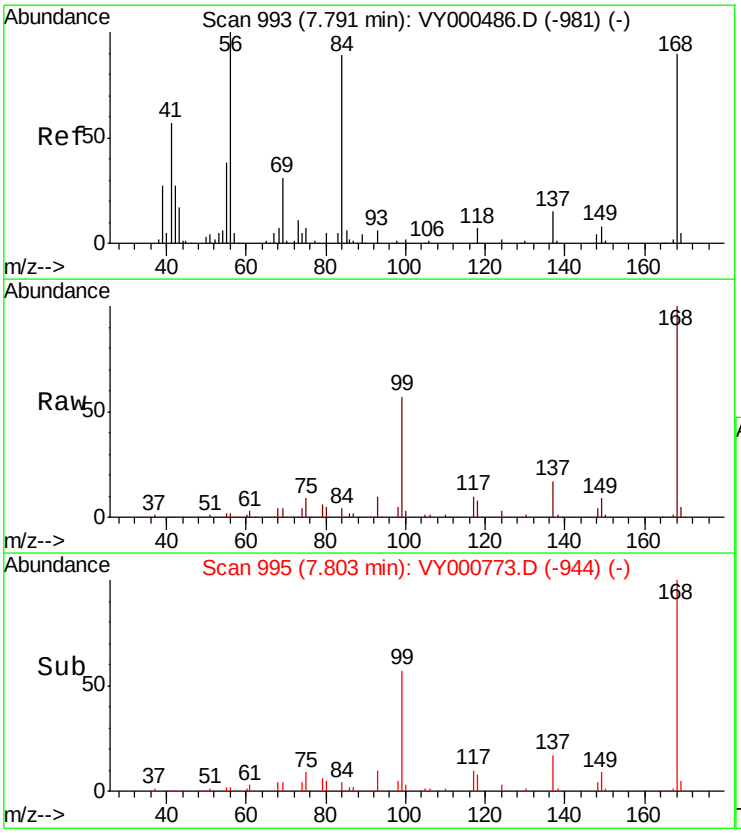
#28
Bromochloromethane
Concen: 4.113 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 49 Resp: 61

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	59.4	89.0#

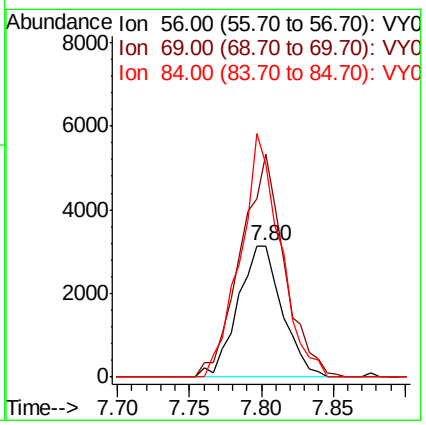


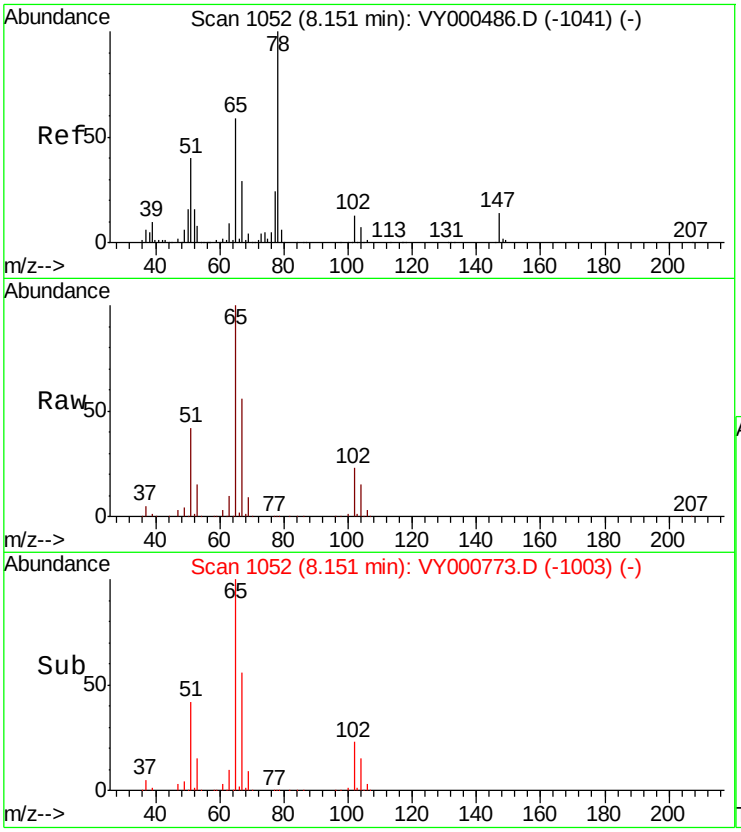


#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Tgt Ion: 56 Resp: 6688

Ion	Ratio	Lower	Upper
56	100		
69	169.4	25.0	37.6#
84	161.6	71.4	107.2#



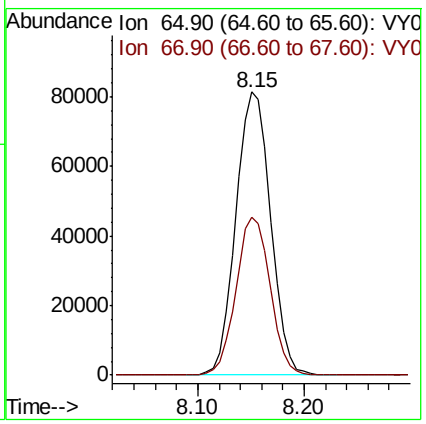


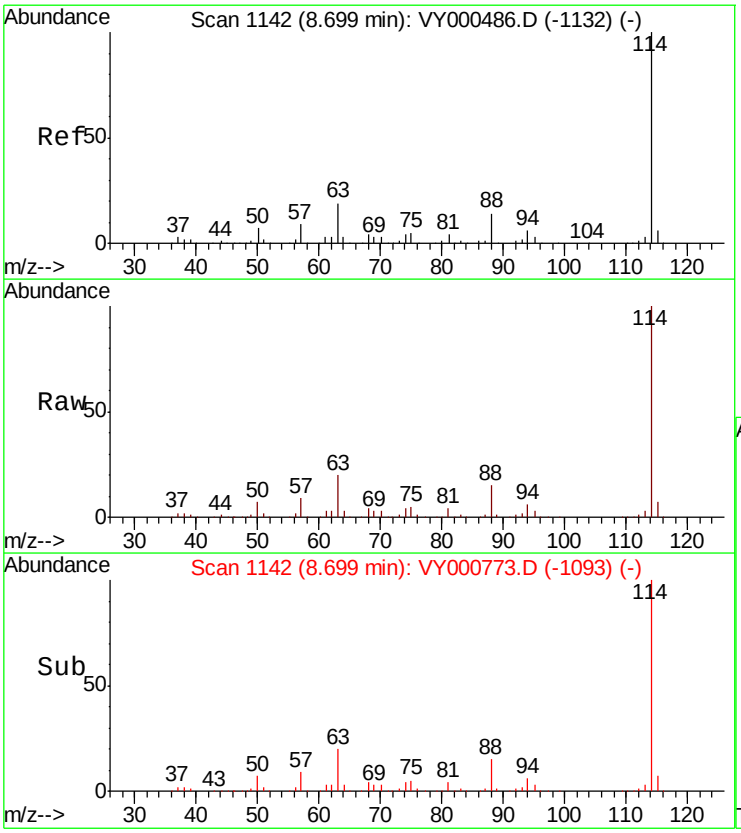
#33
1,2-Dichloroethane-d4
Concen: 57.642 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 186673

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	107.2

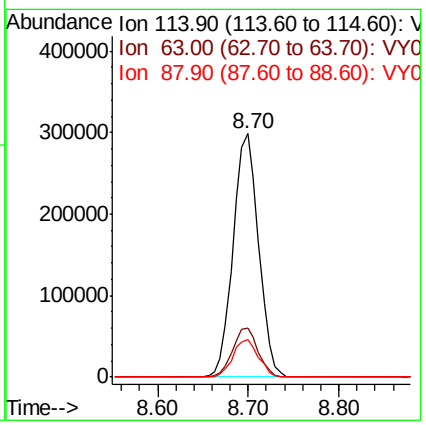


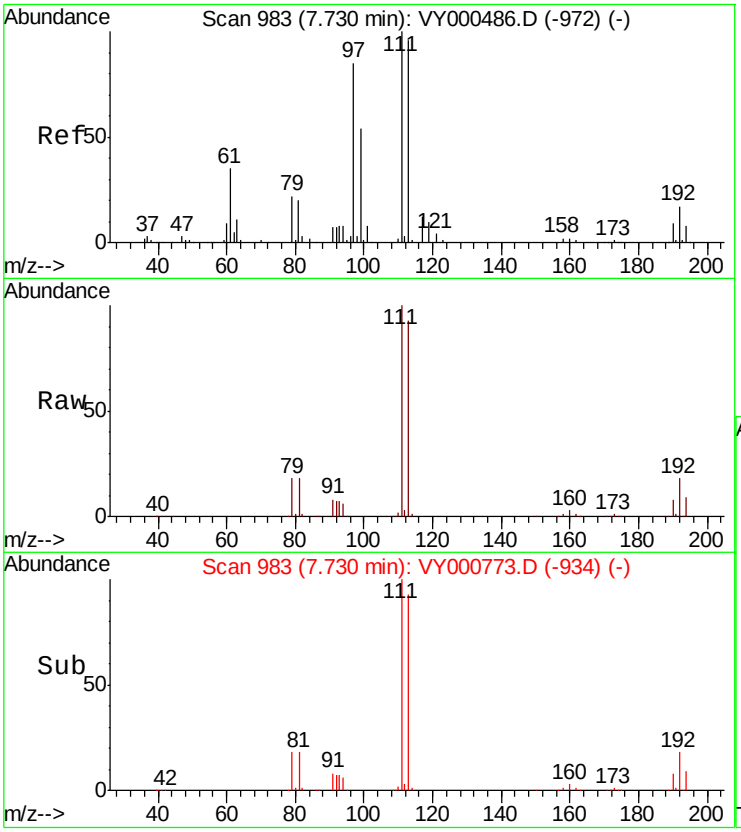


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Tgt Ion:114 Resp: 579420

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.0
88	15.5	0.0	28.6



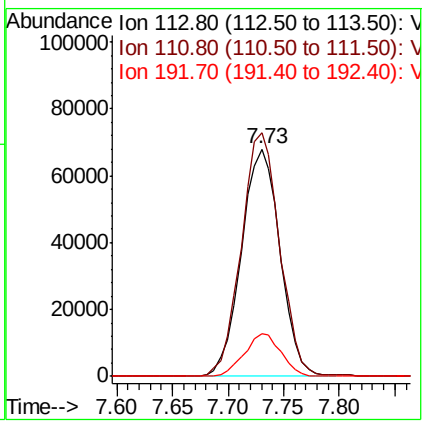


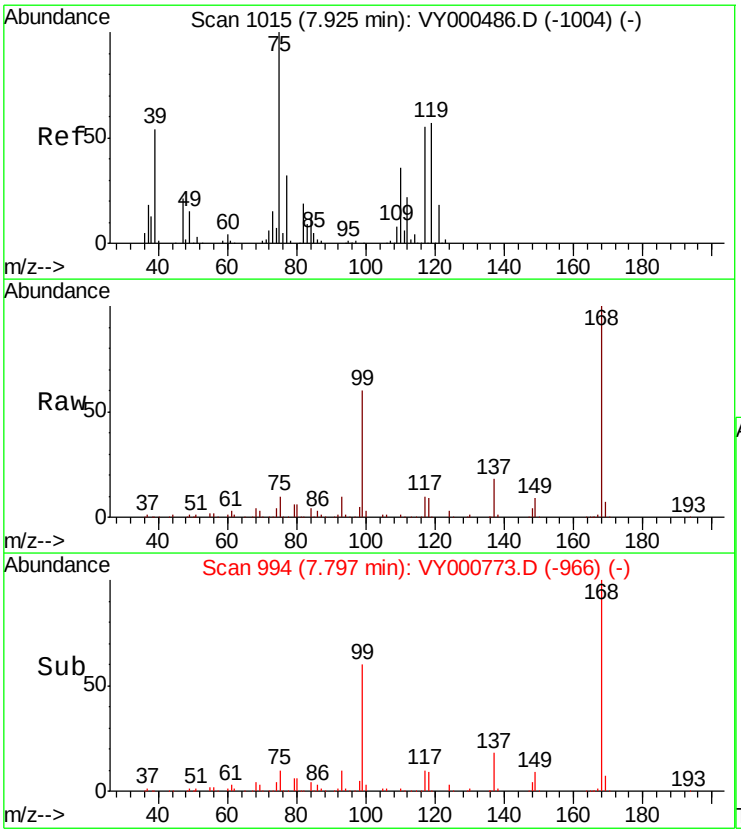
#35
Dibromofluoromethane
Concen: 48.278 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 164220

Ion	Ratio	Lower	Upper
113	100		
111	106.5	81.7	122.5
192	17.9	15.0	22.4

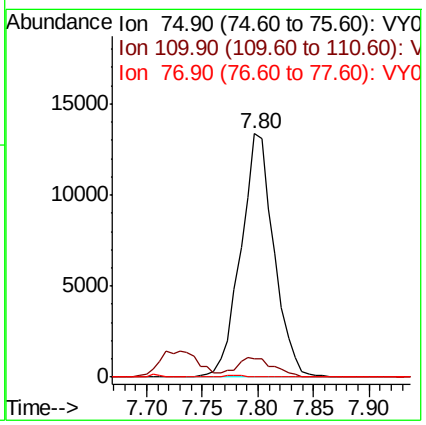


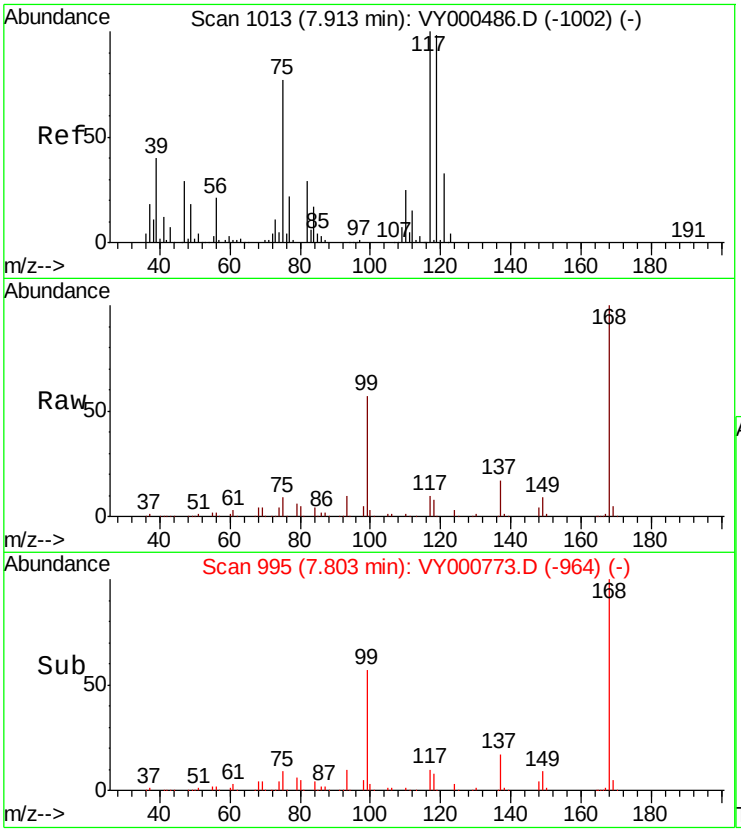


#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Tgt Ion: 75 Resp: 27588

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.1#
77	0.6	25.0	37.6#



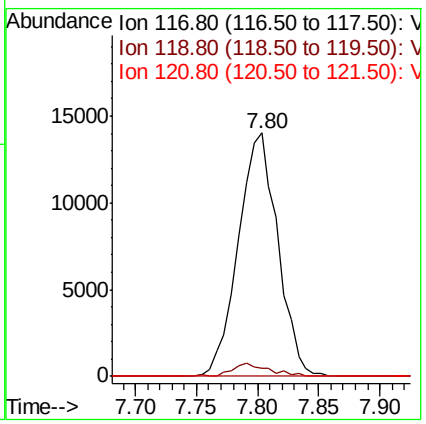


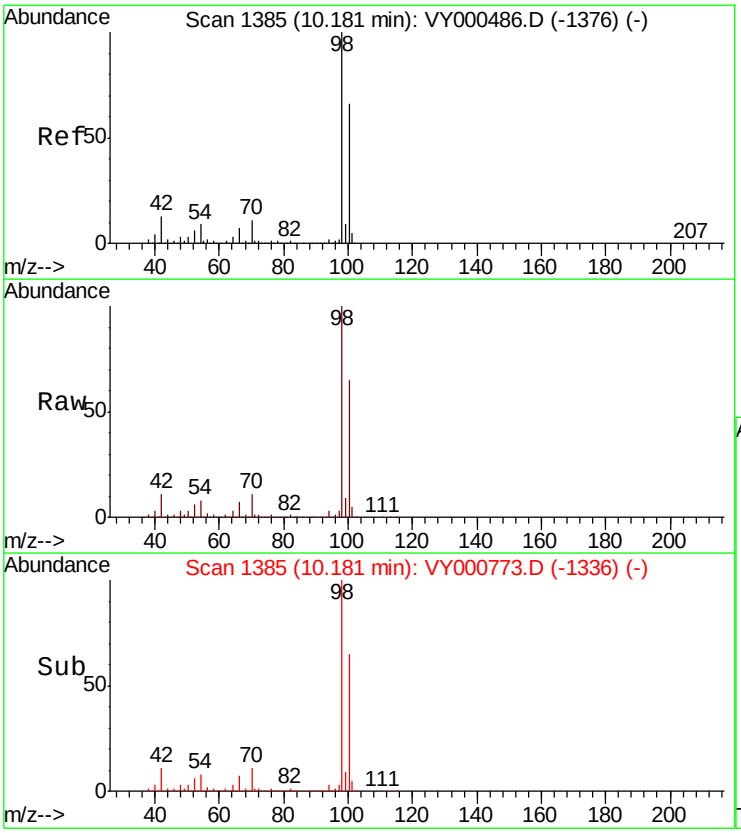
#38
Carbon Tetrachloride
Concen: 5.963 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 31431

Ion	Ratio	Lower	Upper
117	100		
119	3.5	78.0	117.0#
121	0.0	26.6	40.0#

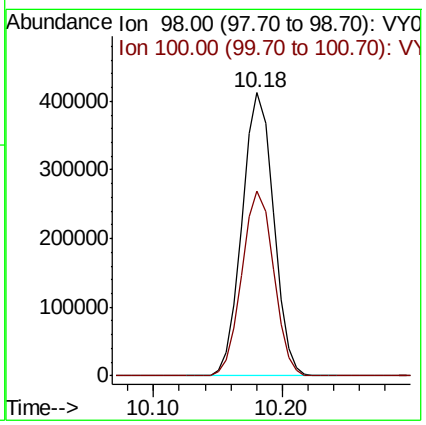


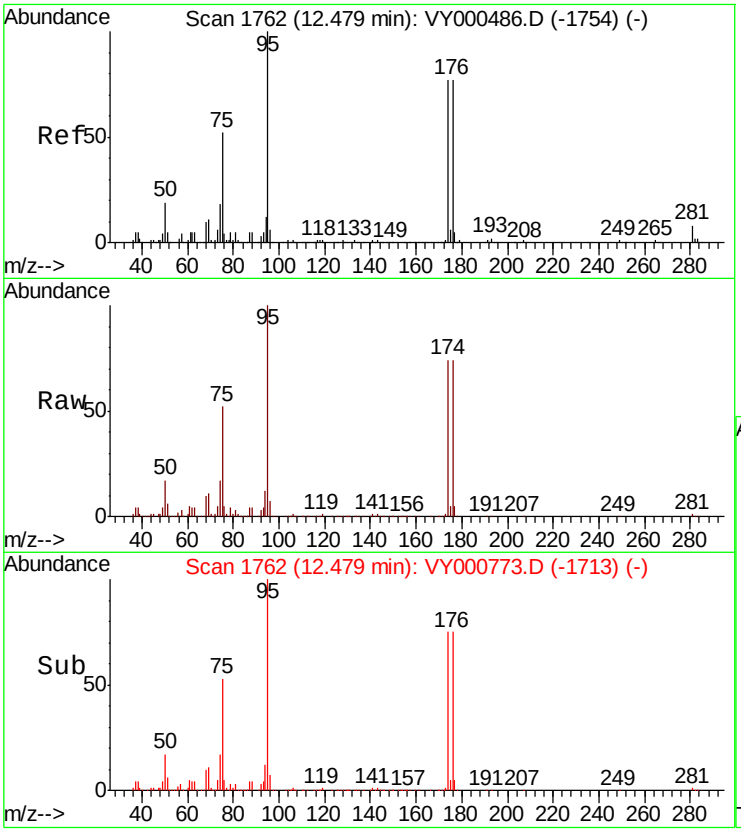


#50
Toluene-d8
Concen: 53.962 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Tgt Ion: 98 Resp: 696495

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3



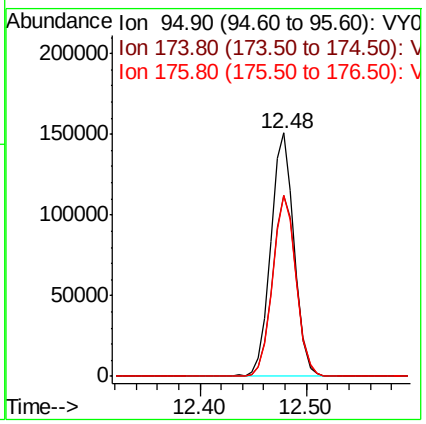


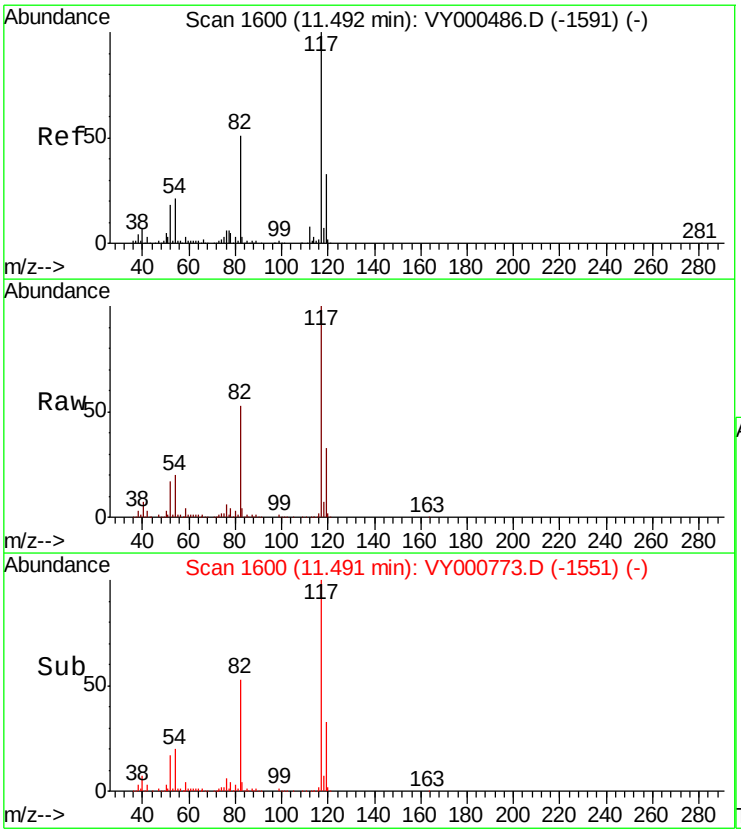
#62
4-Bromofluorobenzene
Concen: 46.771 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 229816

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	161.6
176	74.3	0.0	157.8

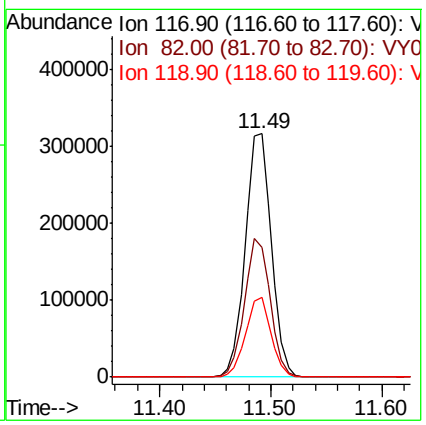


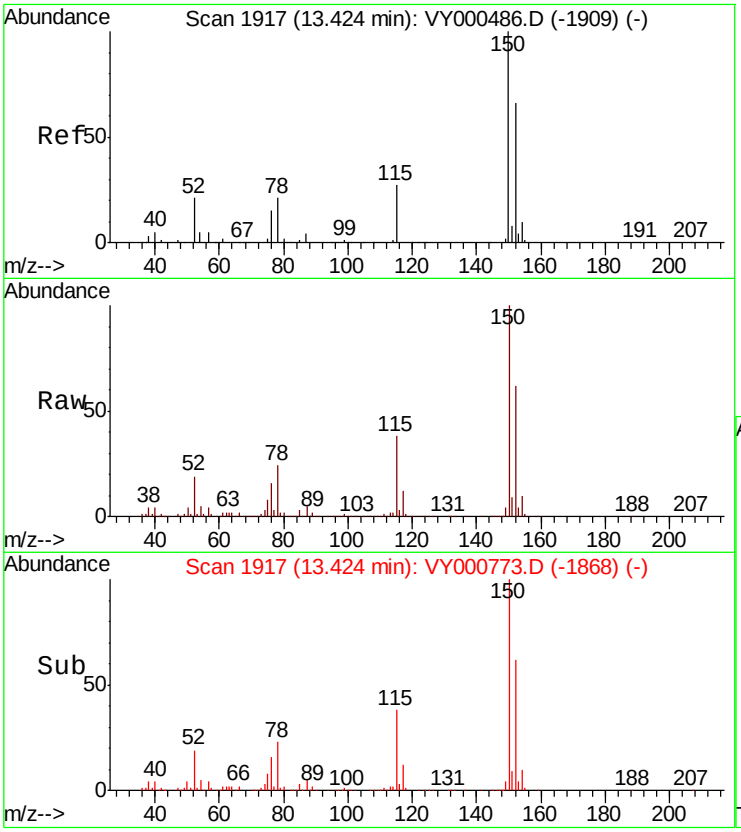


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Tgt Ion:117 Resp: 516343

Ion	Ratio	Lower	Upper
117	100		
82	53.4	40.8	61.2
119	32.7	26.2	39.2



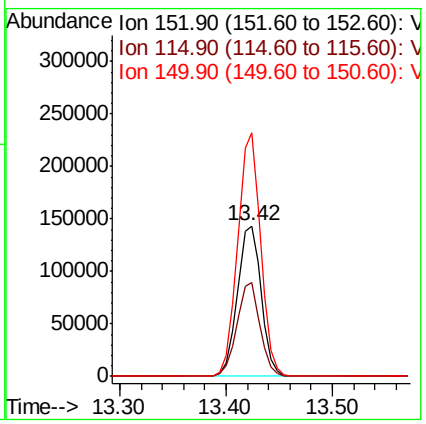


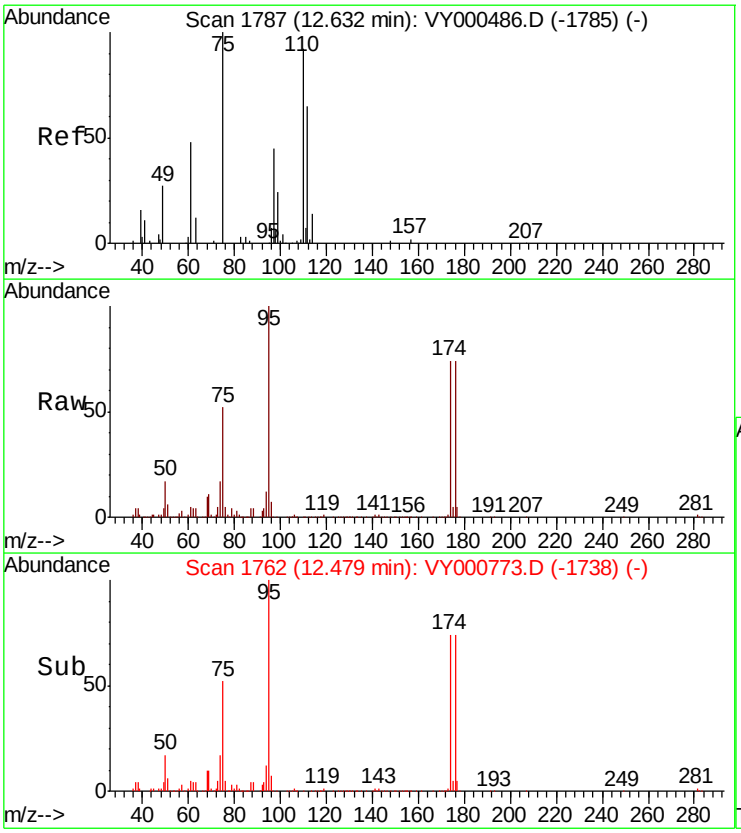
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 224843

Ion	Ratio	Lower	Upper
152	100		
115	60.7	29.1	87.4
150	156.3	0.0	348.8

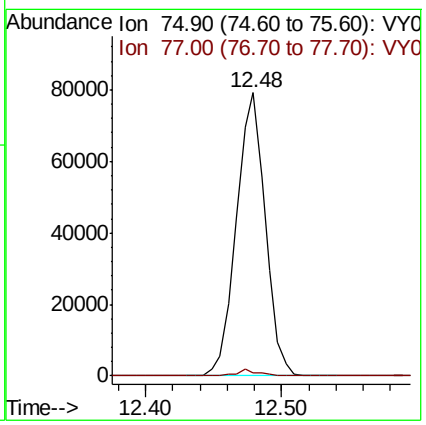


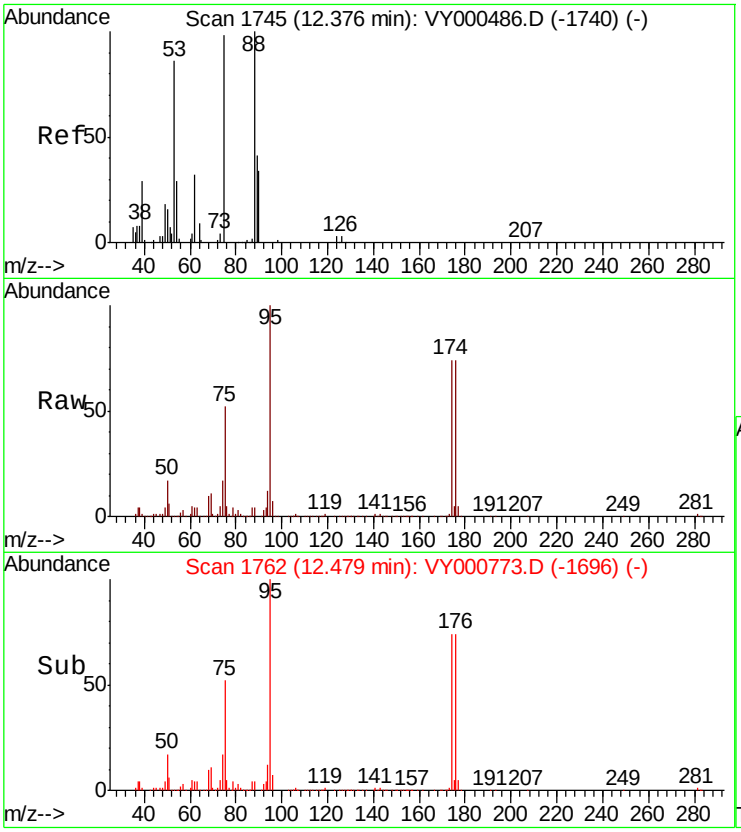


#76
1,2,3-Trichloropropane
Concen: 45.647 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Tgt Ion: 75 Resp: 116864

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#



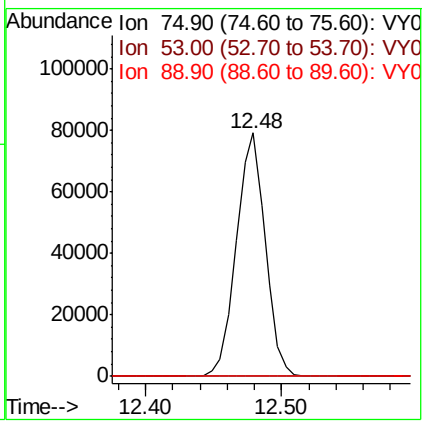


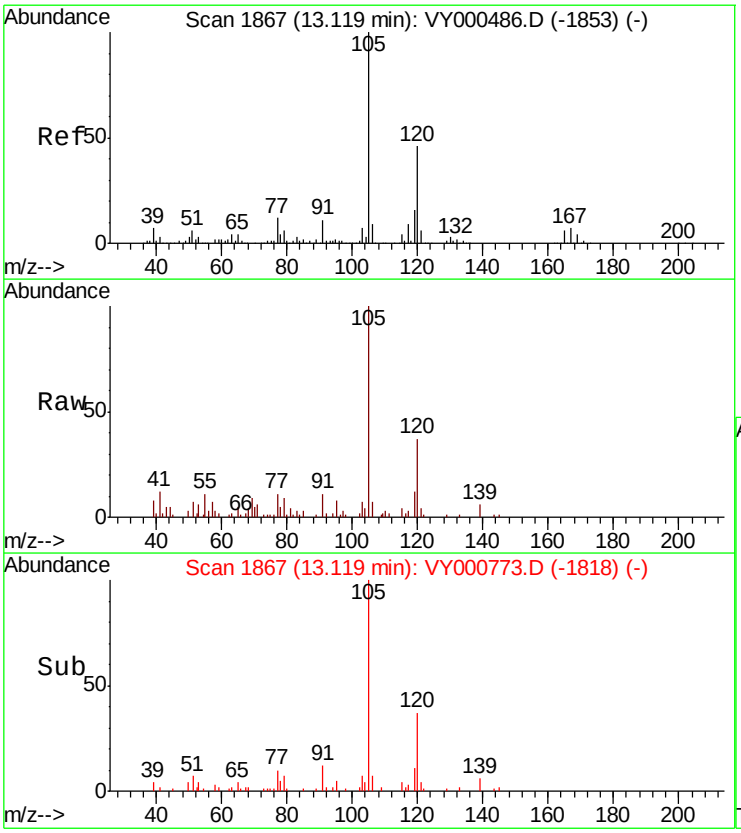
#81
trans-1,4-Dichloro-2-butene
Concen: 102.348 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 116864

Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.2	109.8#
89	0.1	35.9	53.9#





#84
1,2,4-Trimethylbenzene
Concen: 1.205 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000773.D
Acq: 21 Nov 2019 17:11

Tgt Ion:105 Resp: 16603

Ion	Ratio	Lower	Upper
105	100		
120	43.9	23.3	69.9