Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
Data File : VY000547.D
Acq On : 06 Nov 2019 13:41
Operator : SY/MD
Sample : K5701-02
Misc : 4.98G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : J-1A

Quant Time: Nov 07 04:56:13 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	206982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	368710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	330686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	147726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	116877	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.12%			
35) Dibromofluoromethane	7.73	113	108133	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.92%			
50) Toluene-d8	10.18	98	430334	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.78%			
62) 4-Bromofluorobenzene	12.48	95	145810	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.26%			
Target Compounds						Qvalue
10) Methyl Iodide	4.10	142	44	3.214	ug/l #	41
11) Tert butyl alcohol	4.96	59	737	3.535	ug/l #	72
16) Acetone	3.97	43	1921	3.254	ug/l #	75
20) Methylene Chloride	4.72	84	5592	2.211	ug/l	97
25) 2-Butanone	6.99	43	1506	1.598	ug/l #	69
28) Bromochloromethane	7.33	49	42	4.114	ug/l #	14
31) Cyclohexane	7.80	56	4621	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16577	4.756	ug/l #	50
38) Carbon Tetrachloride	7.80	117	20987	6.257	ug/l #	16
49) 1,4-Dioxane	9.24	88	64	3.438	ug/l #	33
76) 1,2,3-Trichloropropane	12.48	75	78489	46.662	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	78489	104.623	ug/l #	13

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
Data File : VY000547.D
Acq On : 06 Nov 2019 13:41
Operator : SY/MD
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Misc : 4.98G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

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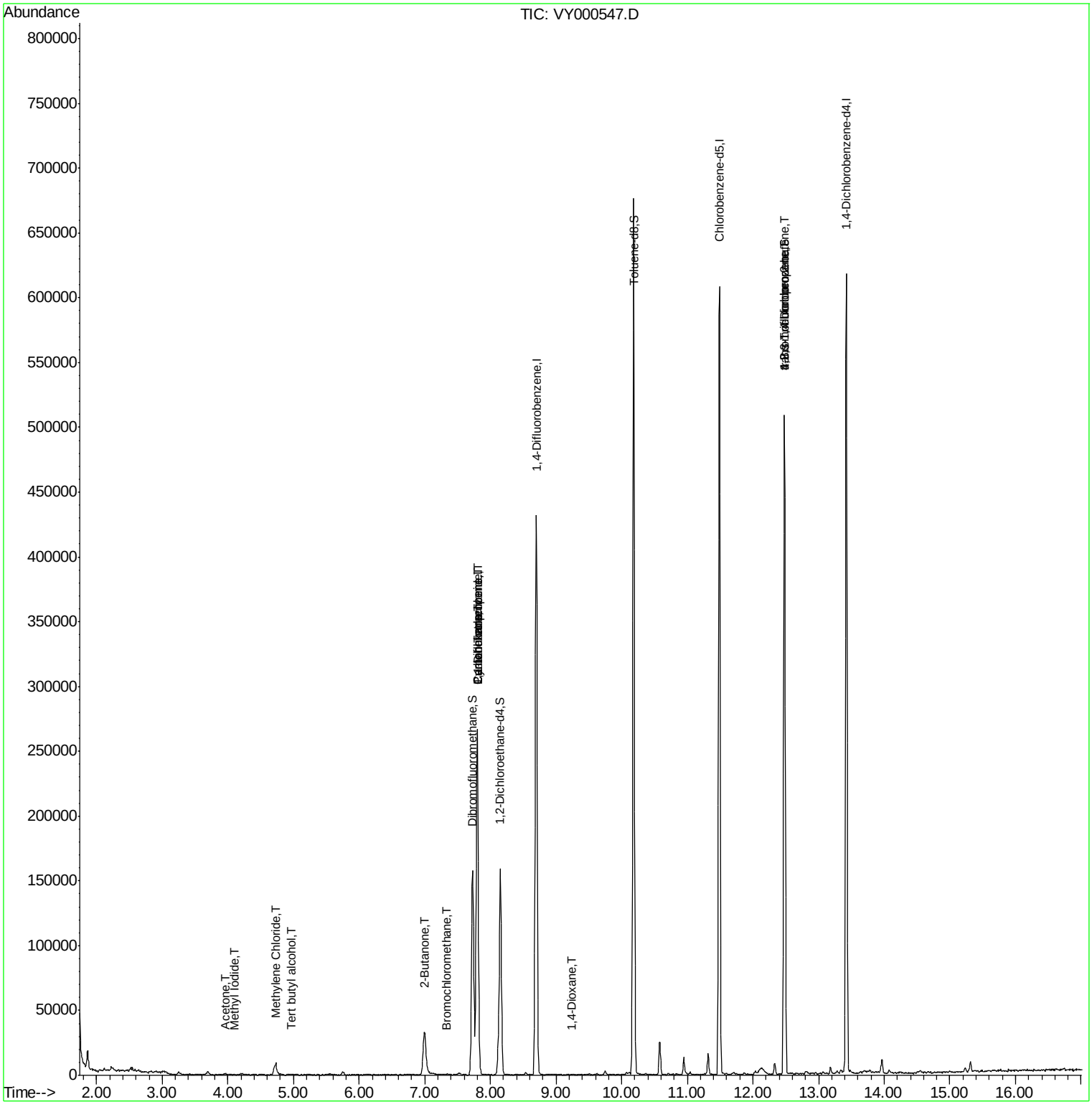
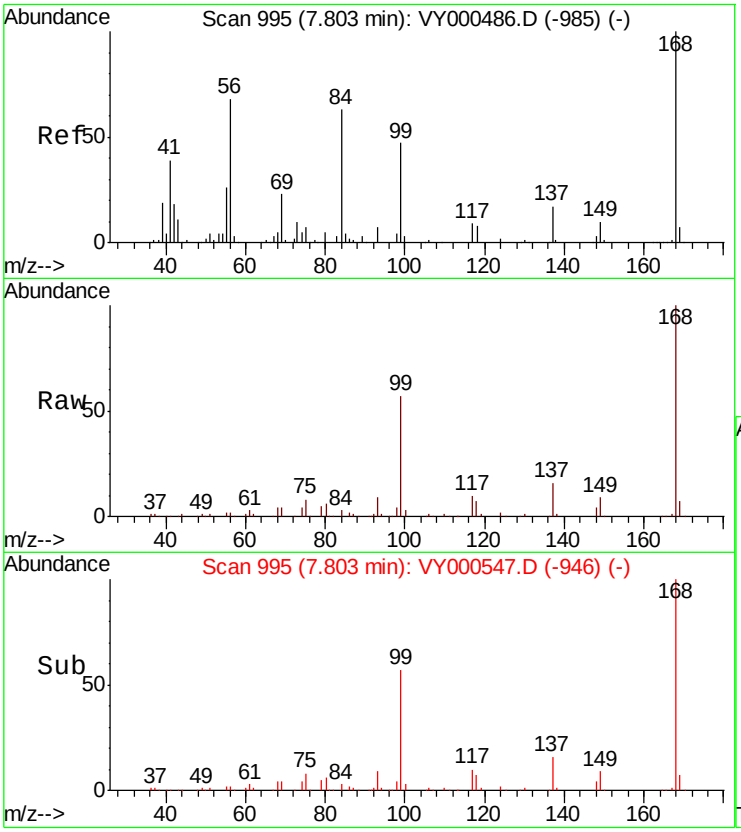
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration



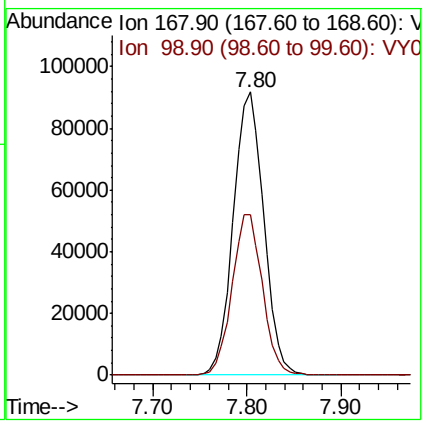


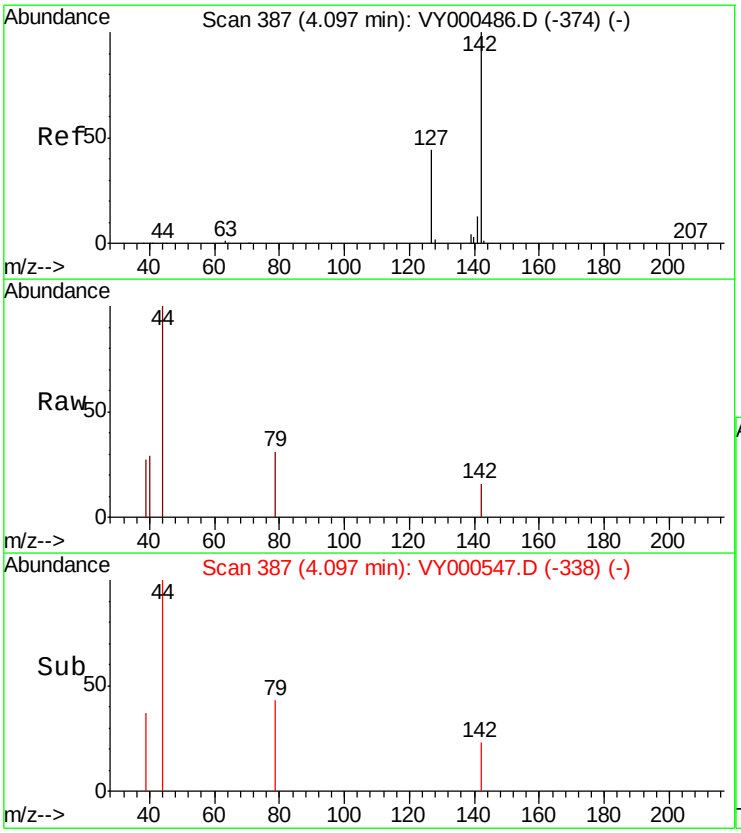
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Instrument : MSVOA_Y
ClientSampleId : J-1A

Tgt Ion:168 Resp: 206982

Ion	Ratio	Lower	Upper
168	100		
99	56.9	45.7	68.5

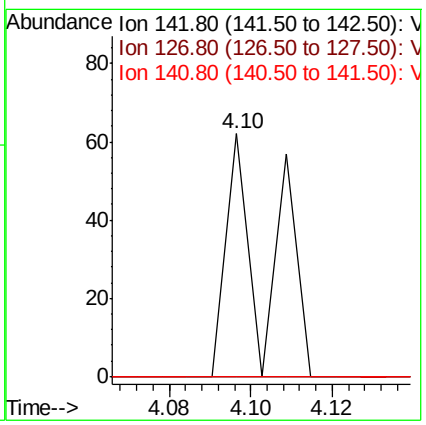


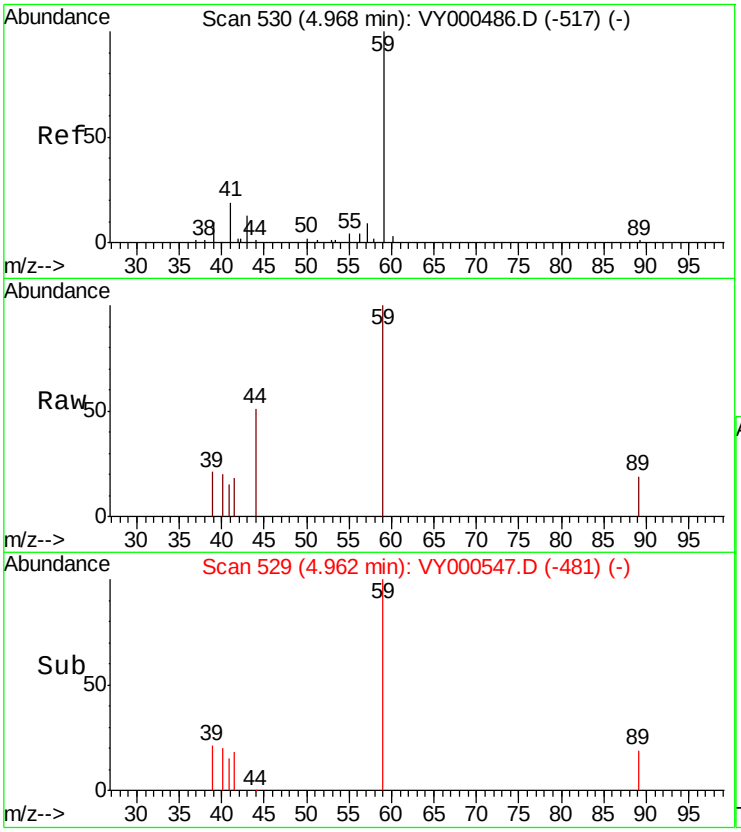


#10
Methyl Iodide
Concen: 3.214 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Tgt Ion:142 Resp: 44

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



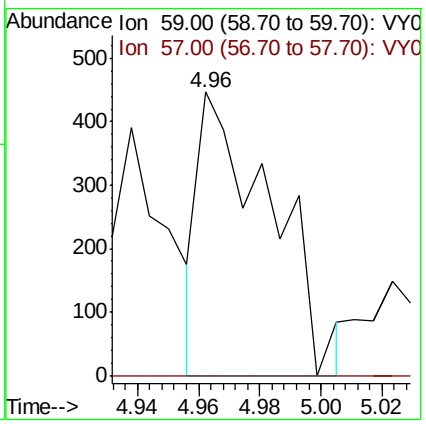


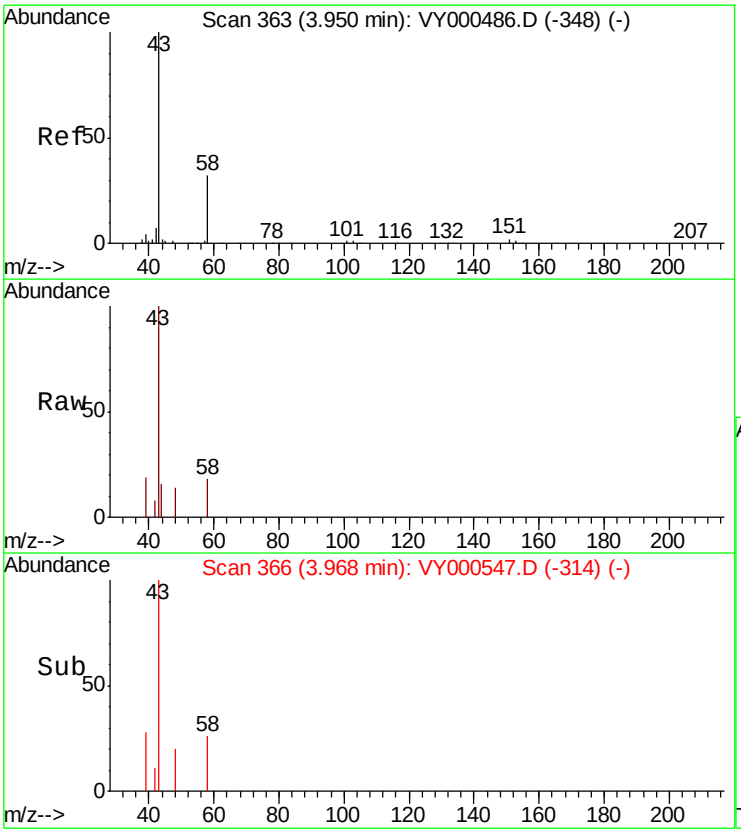
#11
Tert butyl alcohol
Concen: 3.535 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Instrument : MSVOA_Y
ClientSampleId : J-1A

Tgt Ion: 59 Resp: 737

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

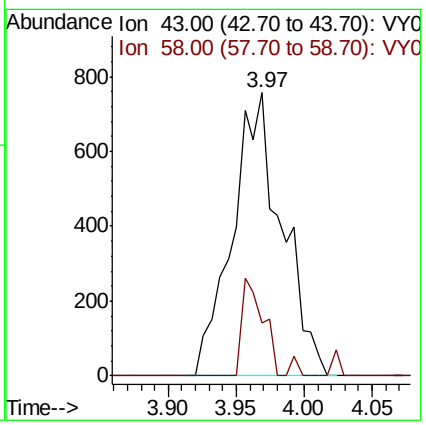


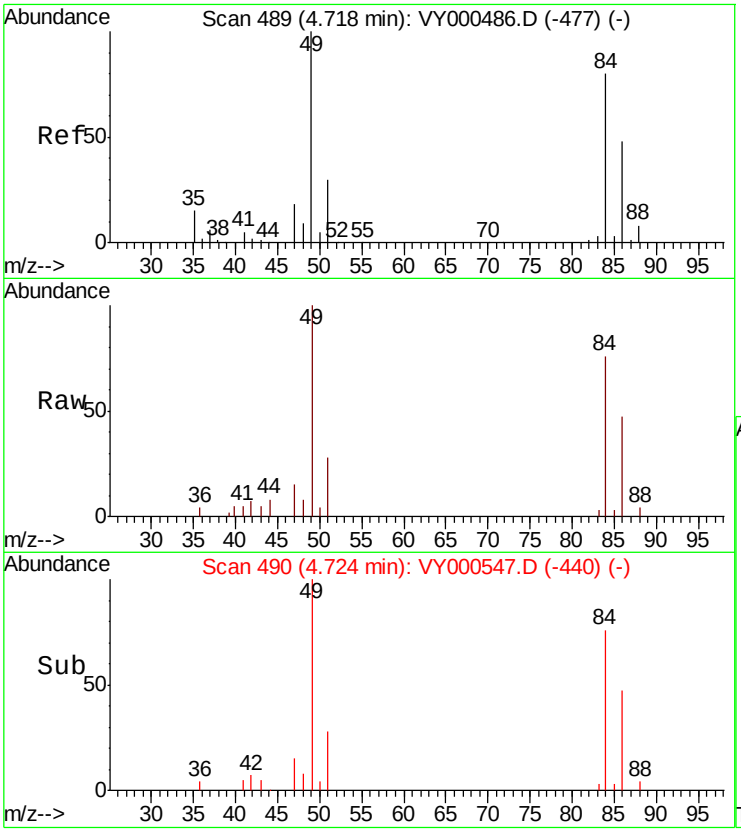


#16
Acetone
Concen: 3.254 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.02 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Tgt Ion: 43 Resp: 1921

Ion	Ratio	Lower	Upper
43	100		
58	18.5	25.8	38.6#



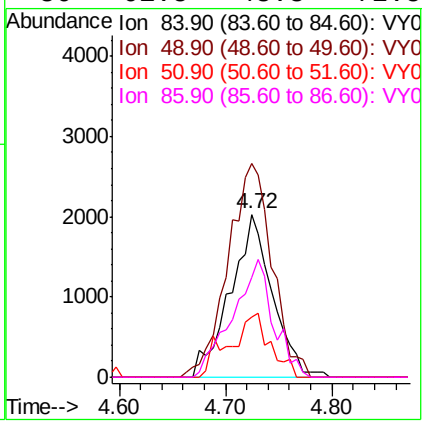


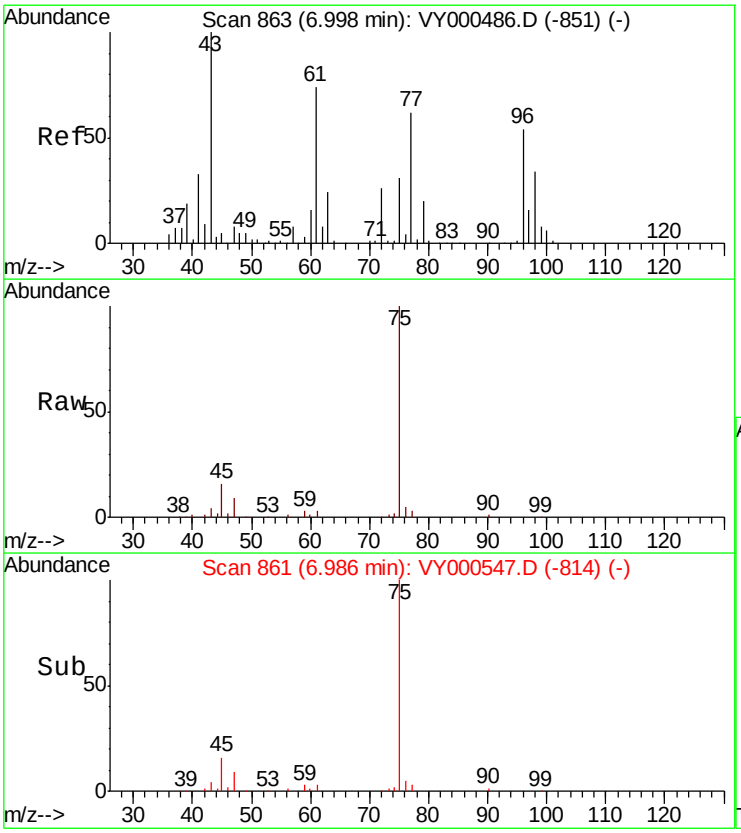
#20
Methylene Chloride
Concen: 2.211 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Instrument : MSVOA_Y
ClientSampleId : J-1A

Tgt Ion: 84 Resp: 5592

Ion	Ratio	Lower	Upper
84	100		
49	131.1	100.2	150.4
51	37.2	29.6	44.4
86	61.5	48.3	72.5

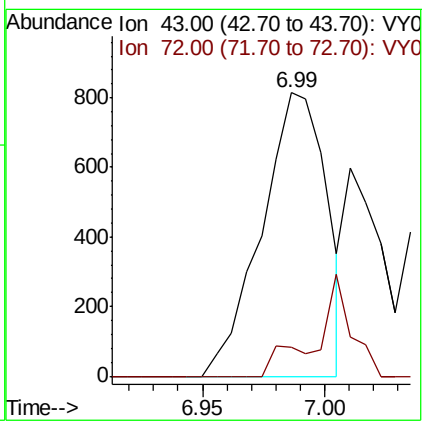


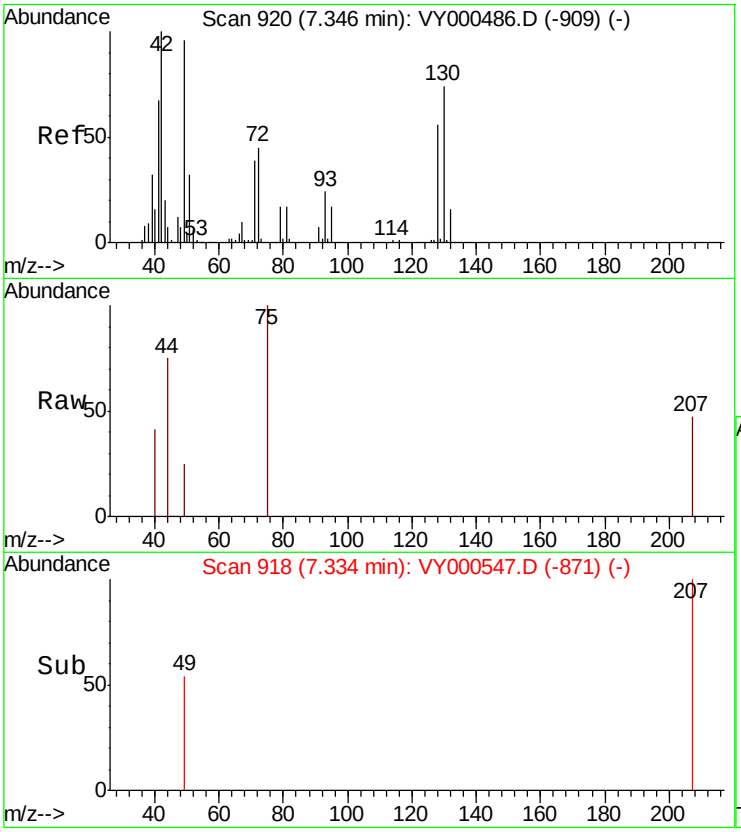


#25
2-Butanone
Concen: 1.598 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Tgt Ion: 43 Resp: 1506

Ion	Ratio	Lower	Upper
43	100		
72	10.3	20.9	31.3#



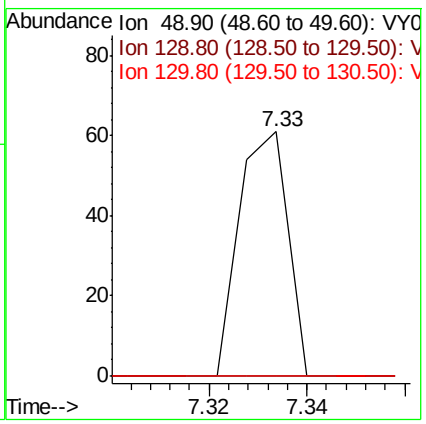


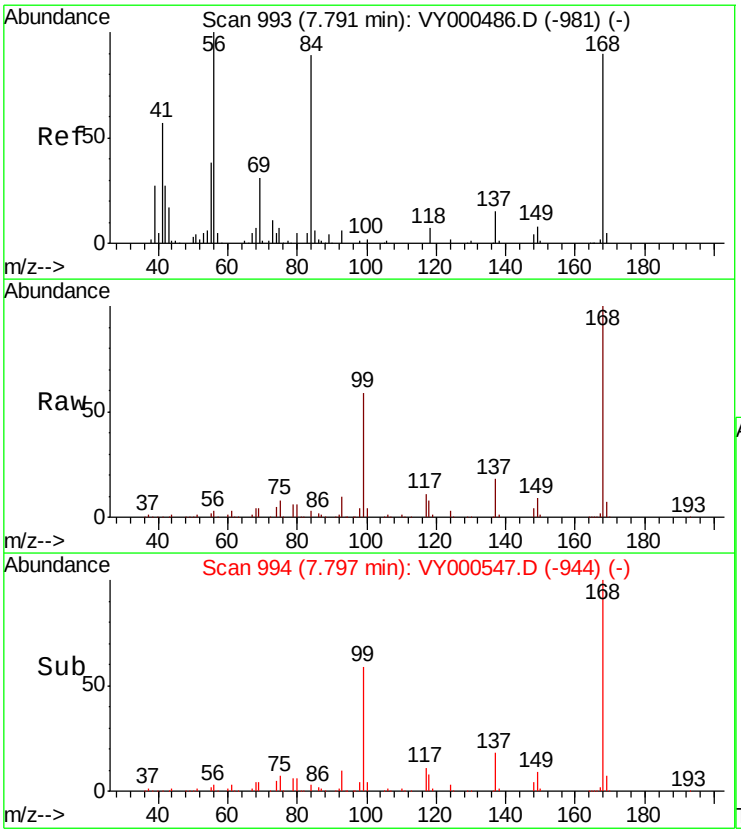
#28
Bromochloromethane
Concen: 4.114 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Instrument : MSVOA_Y
ClientSampleId : J-1A

Tgt Ion: 49 Resp: 42

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

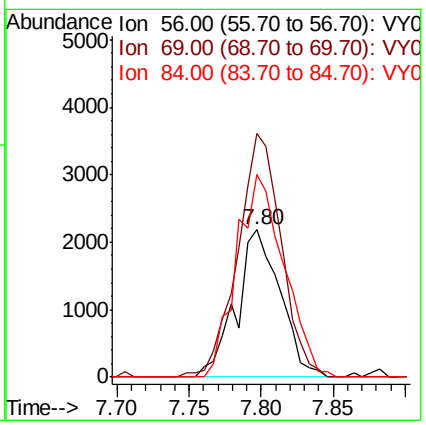


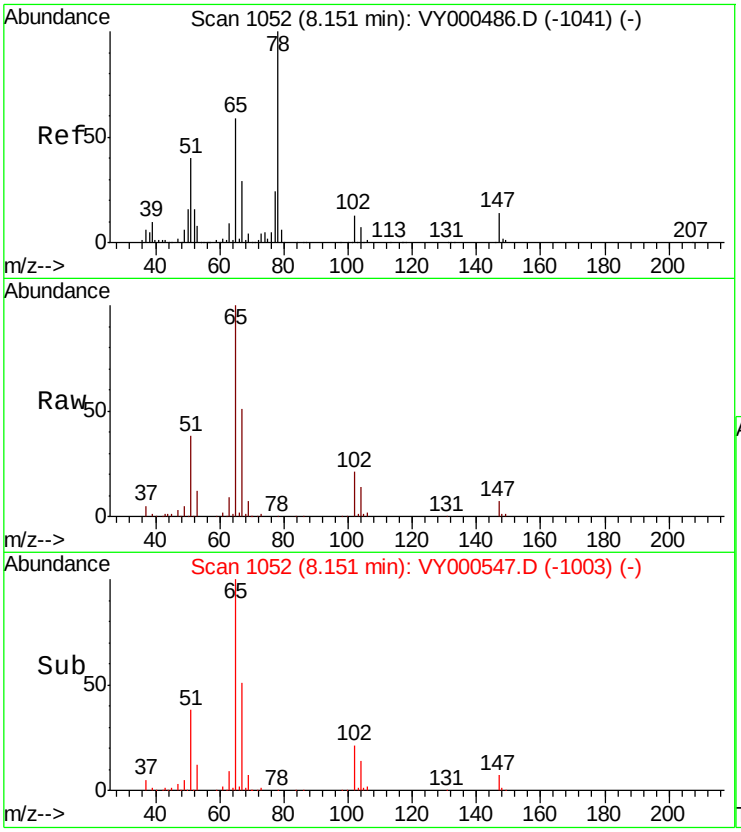


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Tgt Ion: 56 Resp: 4621

Ion	Ratio	Lower	Upper
56	100		
69	165.1	25.0	37.6#
84	137.5	71.4	107.2#



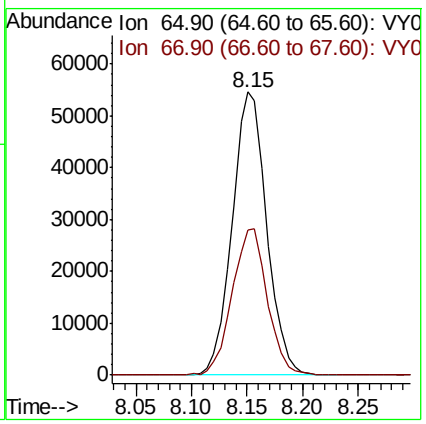


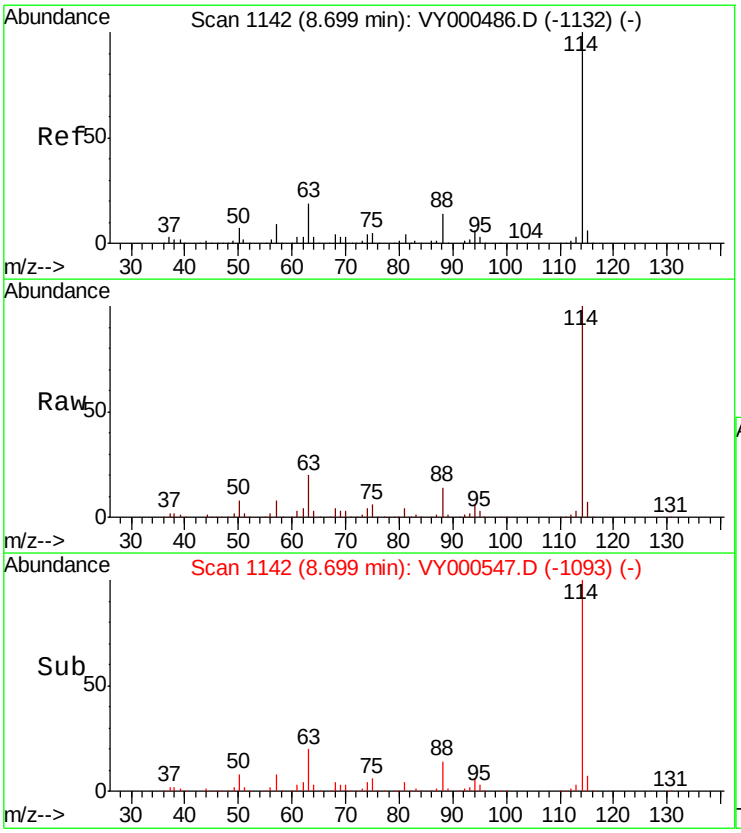
#33
1,2-Dichloroethane-d4
Concen: 54.565 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Instrument :
MSVOA_Y
ClientSampleId :
J-1A

Tgt Ion: 65 Resp: 116877

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.2

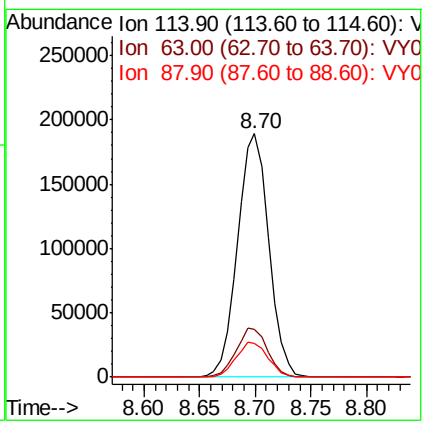


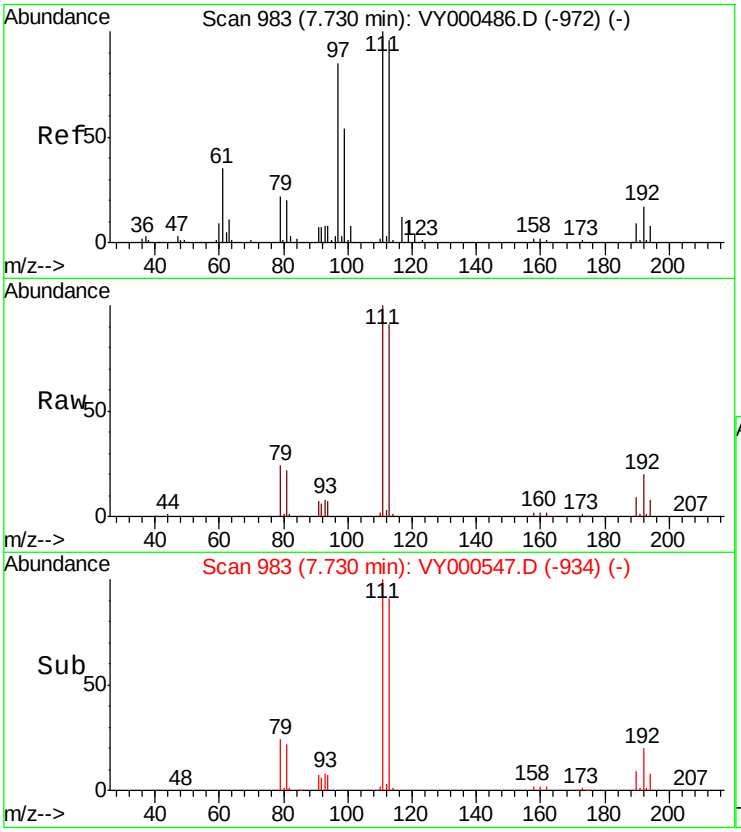


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Tgt Ion:114 Resp: 368710

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.0
88	13.9	0.0	28.6



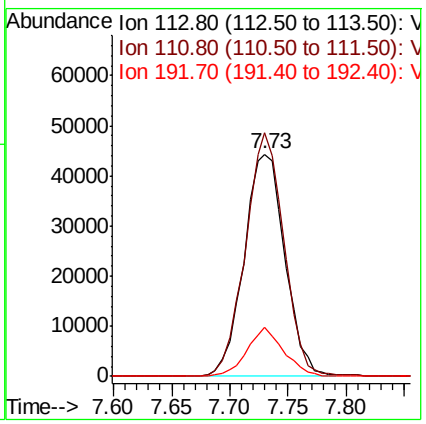


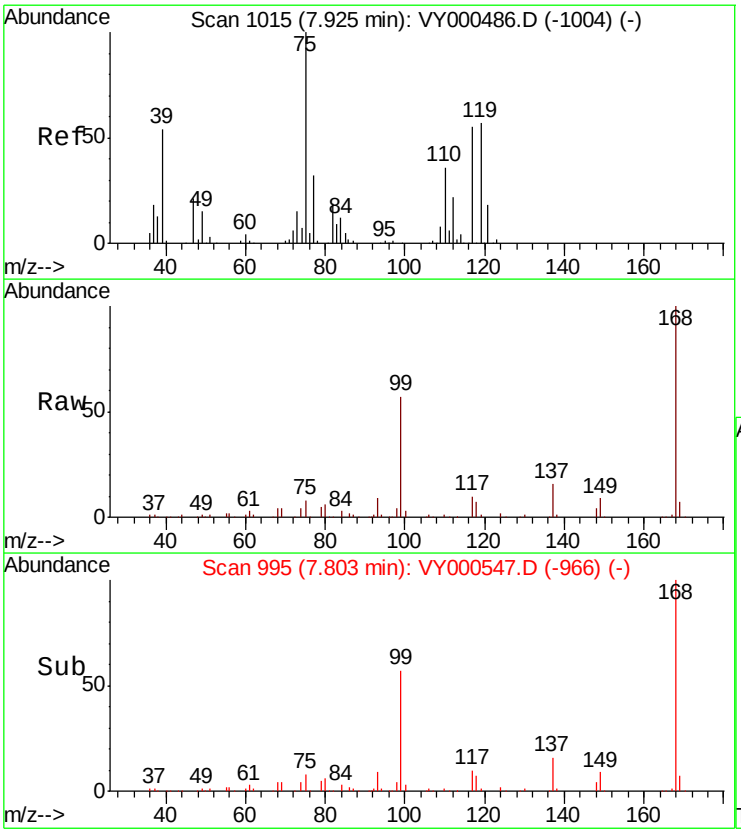
#35
Dibromofluoromethane
Concen: 49.956 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Instrument :
MSVOA_Y
ClientSampleId :
J-1A

Tgt Ion:113 Resp: 108133

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.7	122.5
192	19.6	15.0	22.4

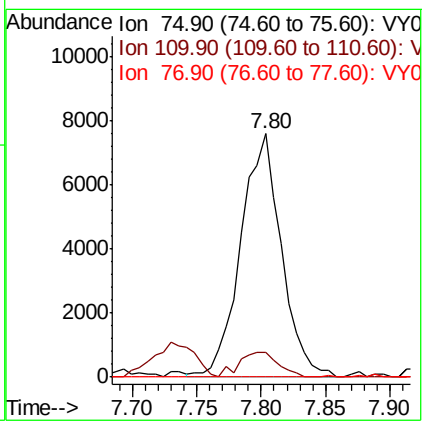


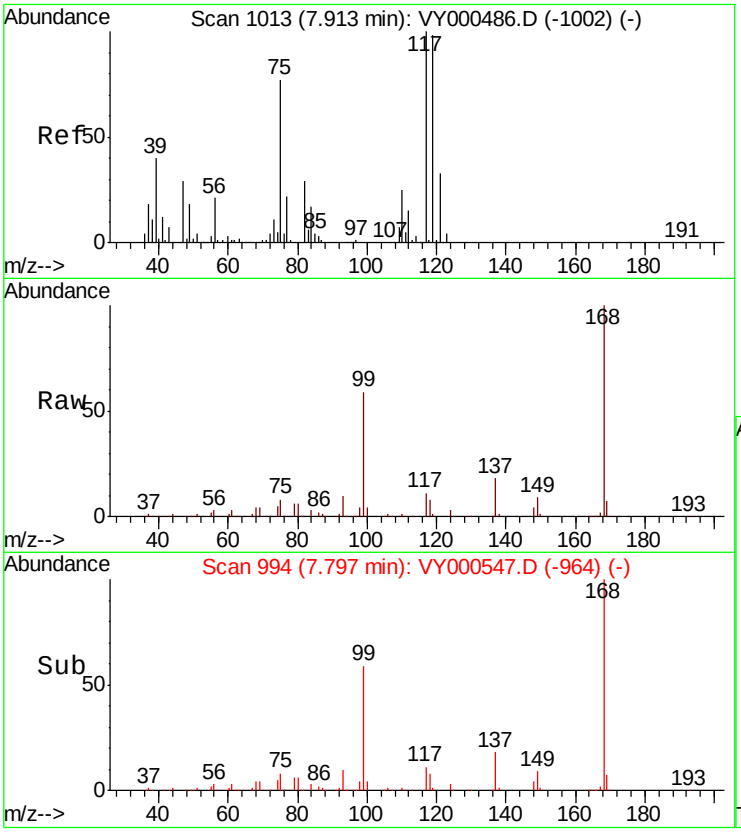


#36
1,1-Dichloropropene
Concen: 4.756 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Tgt Ion: 75 Resp: 16577

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.1#
77	0.0	25.0	37.6#



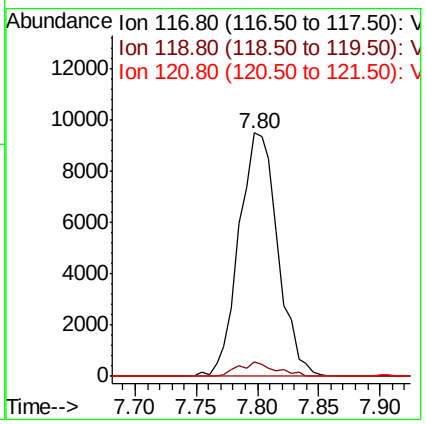


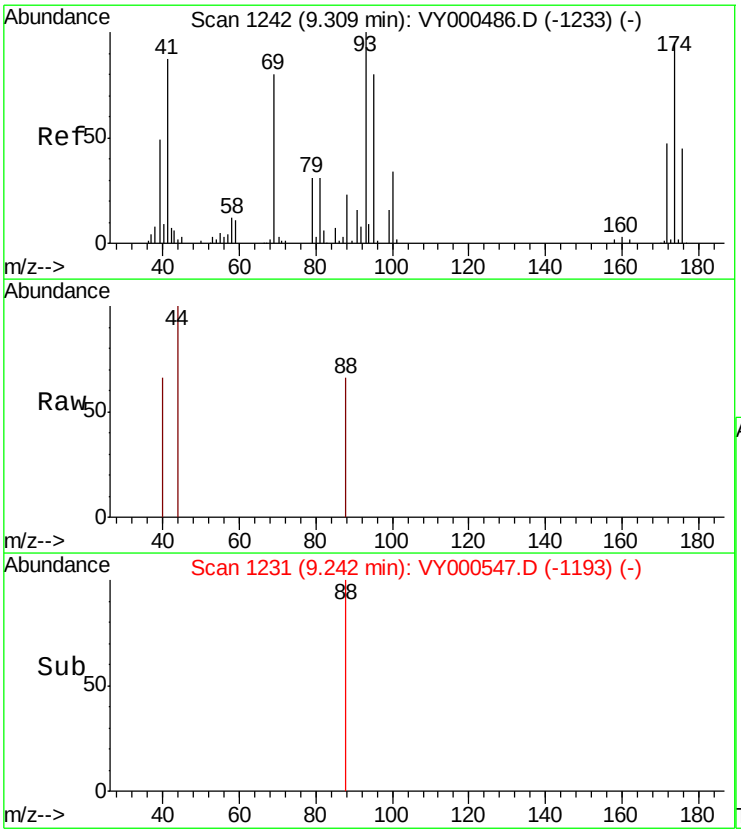
#38
Carbon Tetrachloride
Concen: 6.257 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Instrument : MSVOA_Y
ClientSampleId : J-1A

Tgt Ion:117 Resp: 20987

Ion	Ratio	Lower	Upper
117	100		
119	6.1	78.0	117.0#
121	0.0	26.6	40.0#

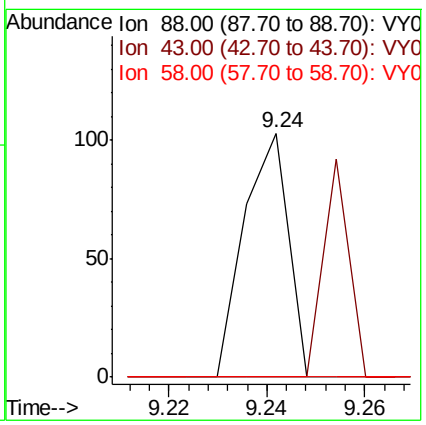


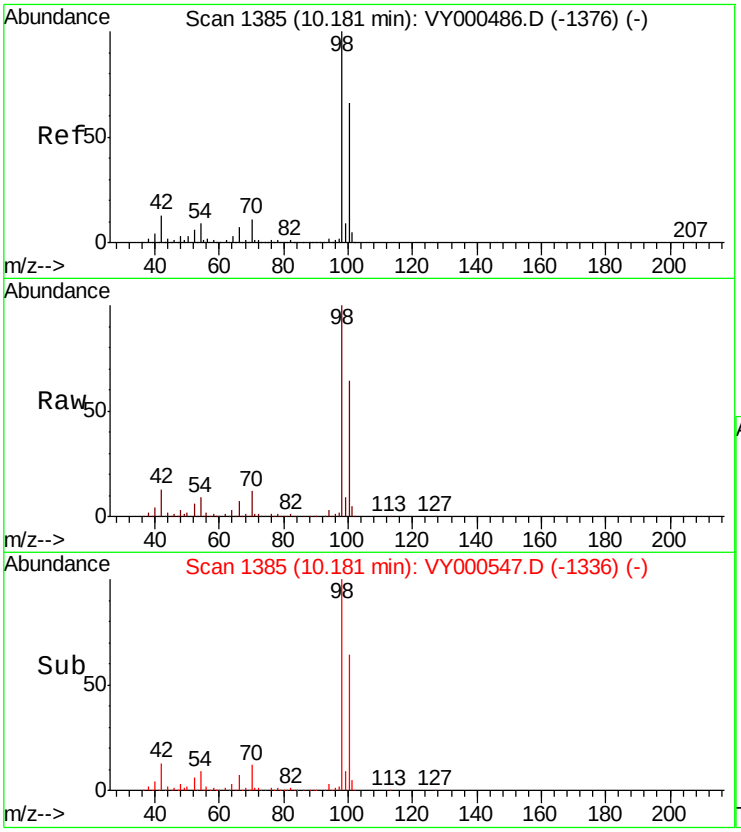


#49
1,4-Dioxane
Concen: 3.438 ug/l
RT: 9.24 min Scan# 1231
Delta R.T. -0.07 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	53.1	25.1	37.7#
58	0.0	50.6	75.8#



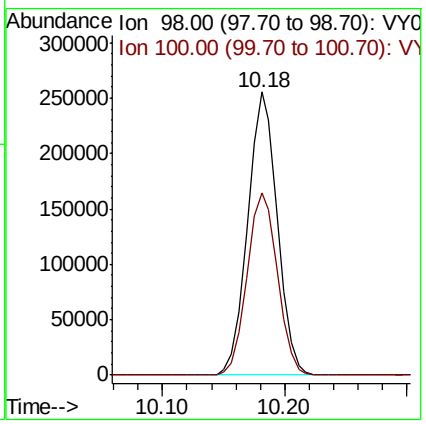


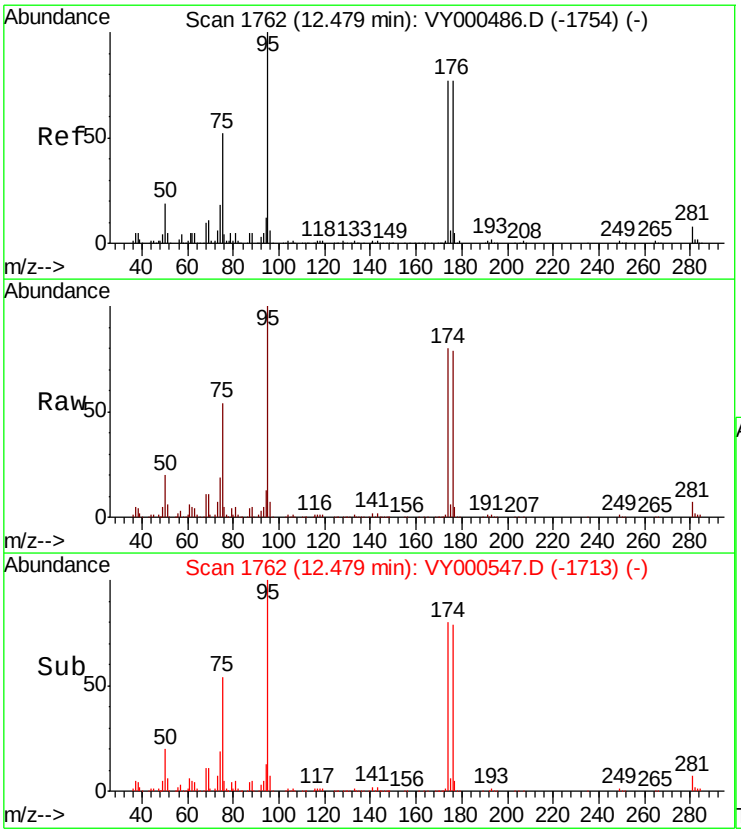
#50
Toluene-d8
Concen: 52.394 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Instrument : MSVOA_Y
ClientSampleId : J-1A

Tgt Ion: 98 Resp: 430334

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3

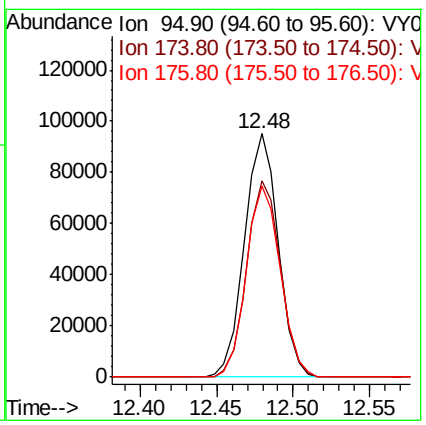


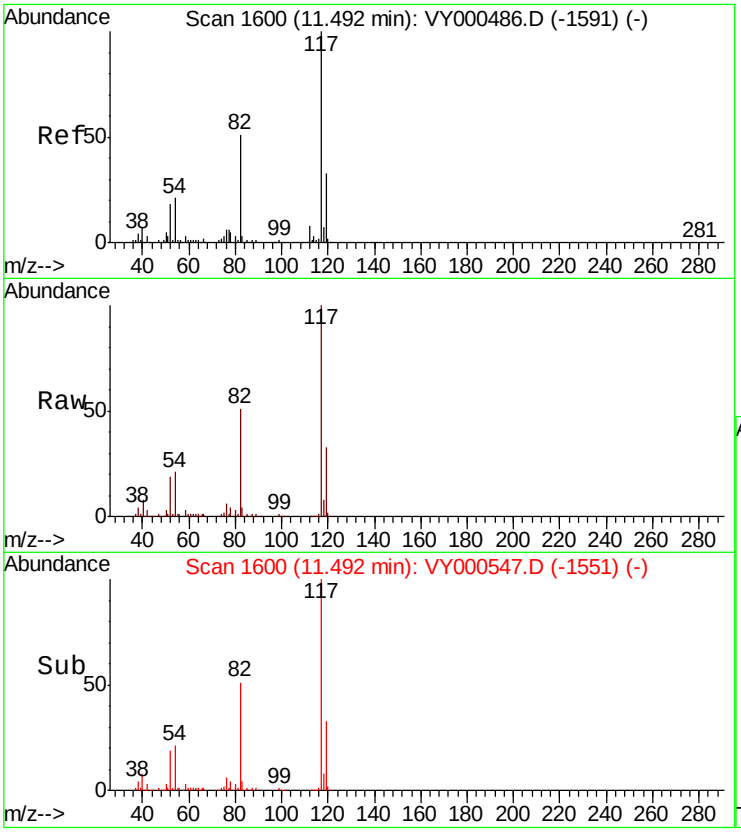


#62
4-Bromofluorobenzene
Concen: 46.633 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Tgt Ion: 95 Resp: 145810

Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	161.6
176	79.5	0.0	157.8



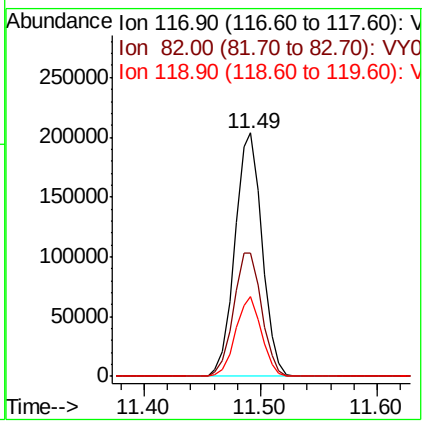


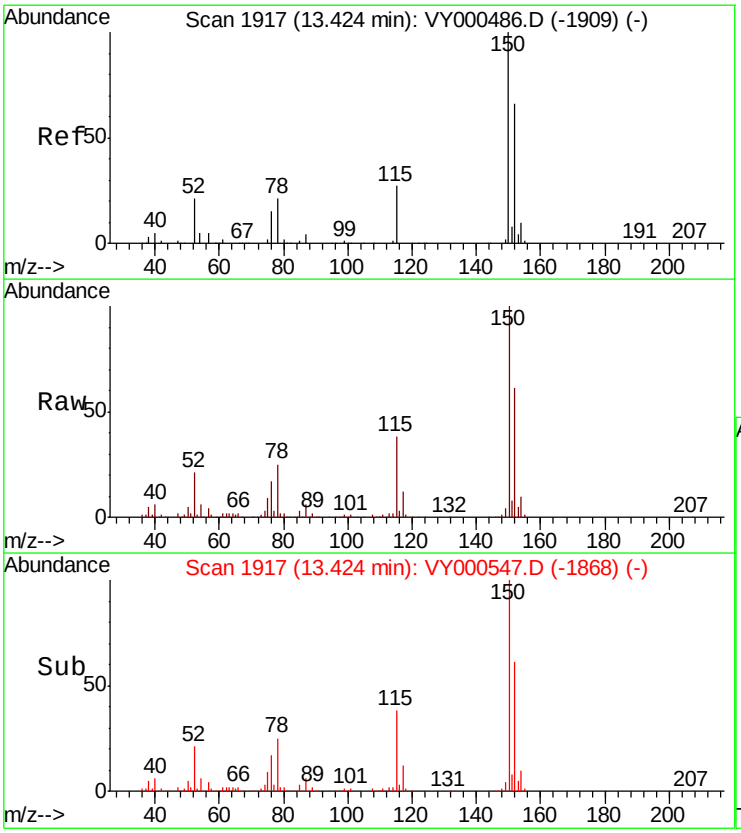
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Instrument : MSVOA_Y
ClientSampleId : J-1A

Tgt Ion:117 Resp: 330686

Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.8	61.2
119	32.6	26.2	39.2

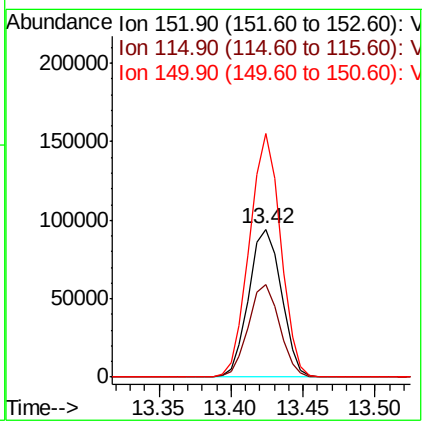


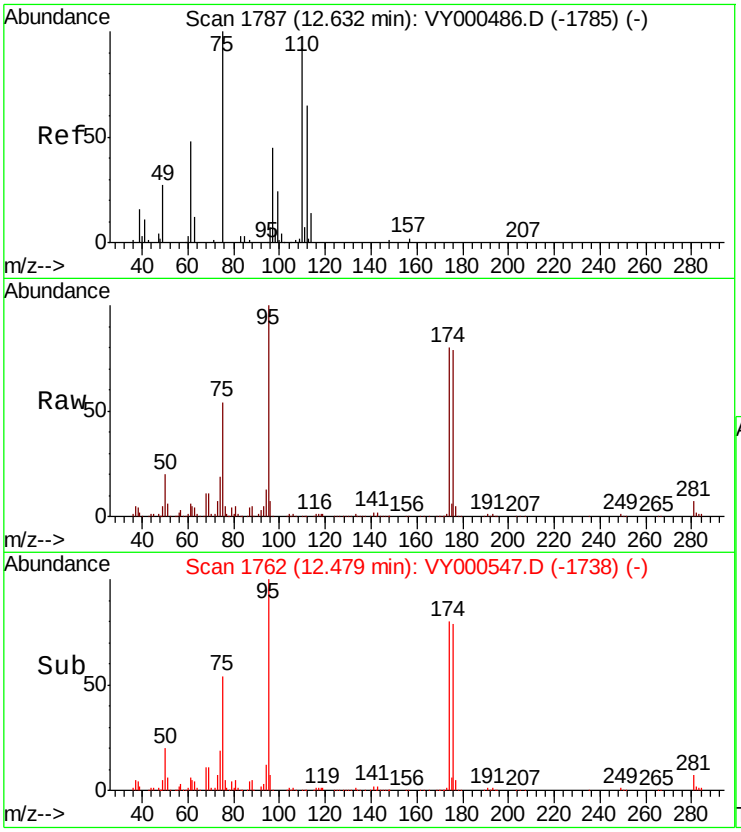


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Tgt Ion:152 Resp: 147726

Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.1	87.4
150	156.9	0.0	348.8



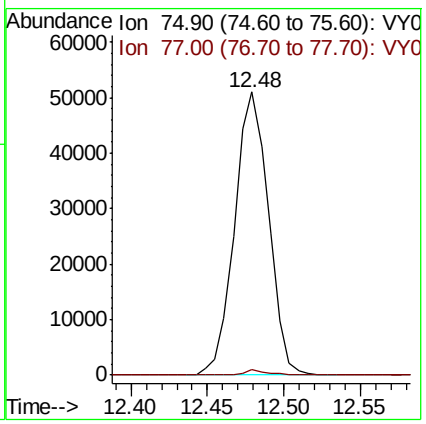


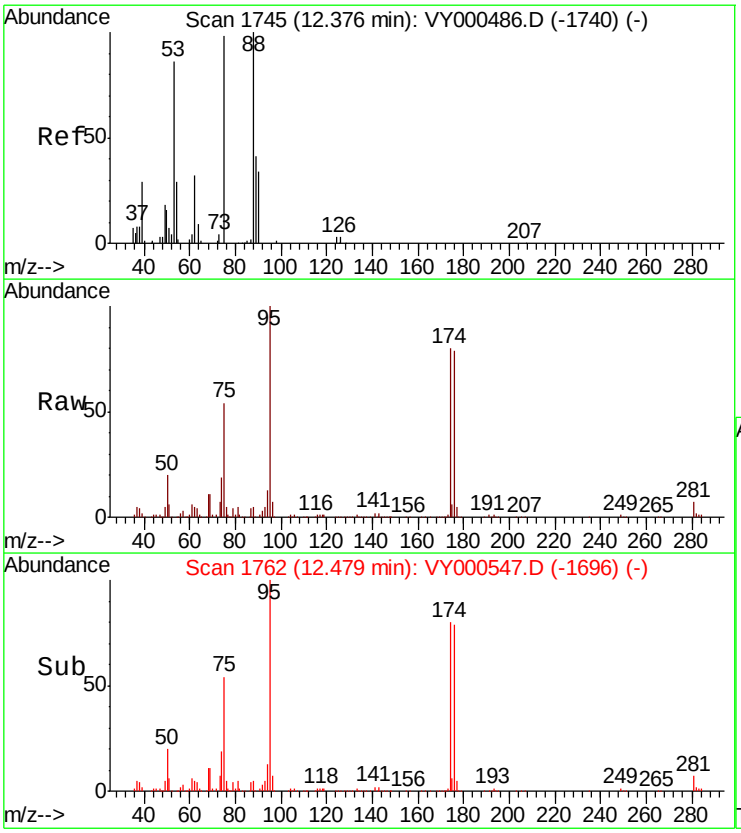
#76
1,2,3-Trichloropropane
Concen: 46.662 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Instrument : MSVOA_Y
ClientSampleId : J-1A

Tgt Ion: 75 Resp: 78489

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 104.623 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000547.D
Acq: 06 Nov 2019 13:41

Tgt Ion: 75 Resp: 78489

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.2	109.8#
89	0.2	35.9	53.9#