Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041616.D
Acq On : 14 Dec 2020 17:26
Operator : SY/MD
Sample : L5027-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:49:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120016	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52857	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	30758	3.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.60%			
7) Chloroethane-d5	1.92	69	30317	4.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.40%			
11) 1,1-Dichloroethene-d2	2.58	63	53112	3.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.40%			
20) 2-Butanone-d5	4.66	46	148903	55.25	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.50%			
24) Chloroform-d	5.08	84	78479	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.72	65	44746	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.74	84	158918	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.70	67	50947	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.91	98	130482	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
43) trans-1,3-Dichloropropene-	8.19	79	20877	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.64	63	112873	43.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.70%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48408	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	49547	5.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.40%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	279	0.038	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	410	0.050	ug/L #	22
13) Acetone	2.66	43	3898	2.274	ug/L	52
21) 2-Butanone	4.75	43	5158	1.847	ug/L #	63
25) Chloroform	5.11	83	8624	0.544	ug/L	98
27) 1,2-Dichloroethane	5.74	62	868	0.081	ug/L #	73
35) Methylcyclohexane	6.70	83	11444	0.747	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5265	0.546	ug/L #	88
38) Bromodichloromethane	7.11	83	4059	0.338	ug/L	92
39) cis-1,3-Dichloropropene	7.58	75	1296	0.091	ug/L #	50
44) trans-1,3-Dichloropropene	8.18	75	710	0.056	ug/L #	79
47) Tetrachloroethene	8.56	164	9832	1.481	ug/L	96
49) Dibromochloromethane	8.56	129	9759	1.190	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	5964	0.823	ug/L	100

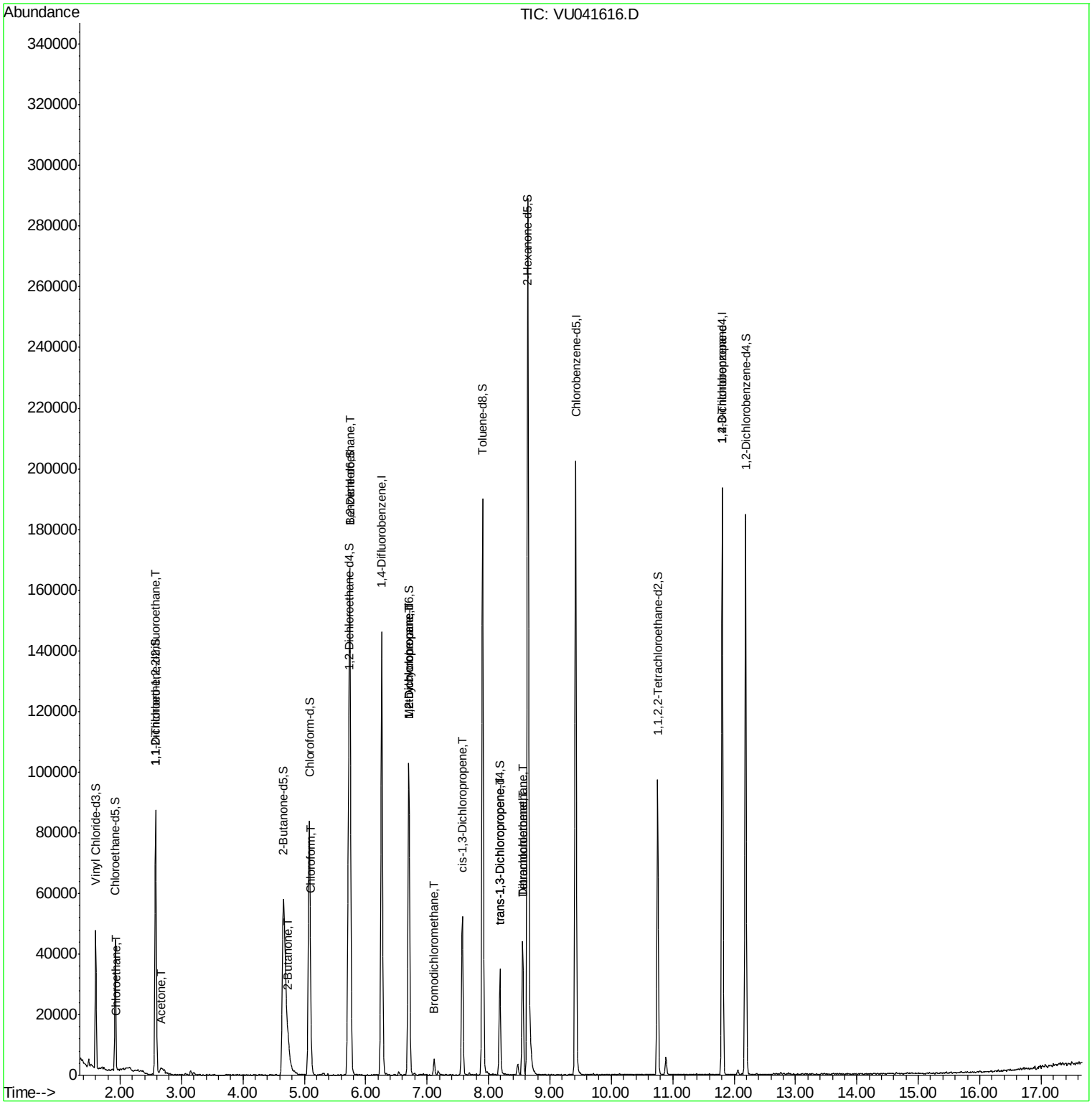
(#) = qualifier out of range (m) = manual integration (+) = signals summed

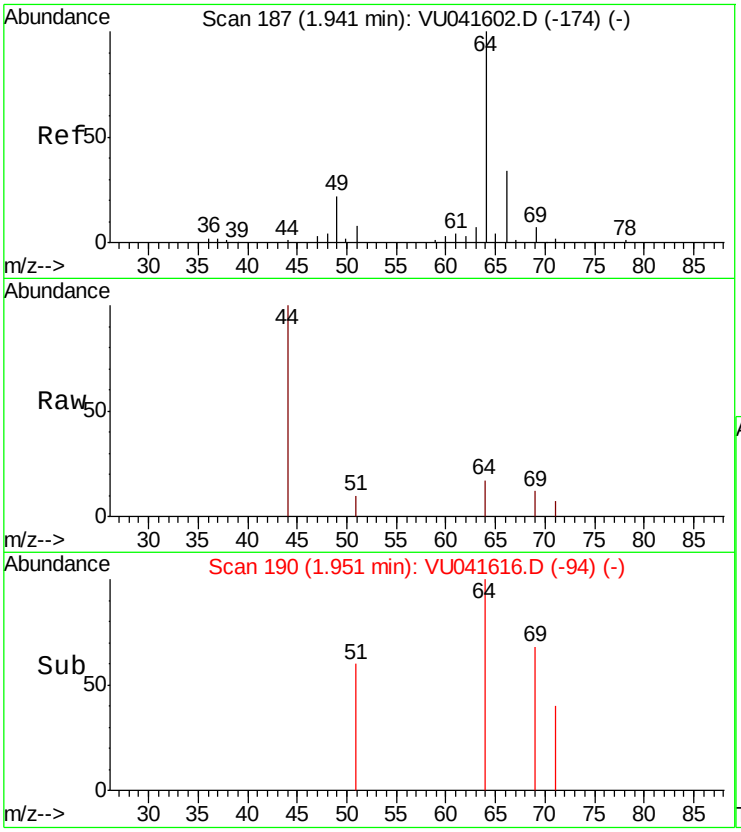
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121420\
Data File : VU041616.D
Acq On : 14 Dec 2020 17:26
Operator : SY/MD
Sample : L5027-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:49:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration



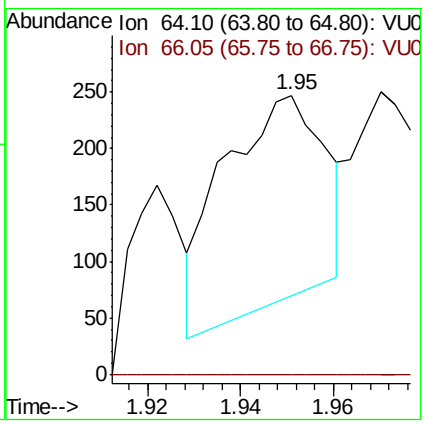


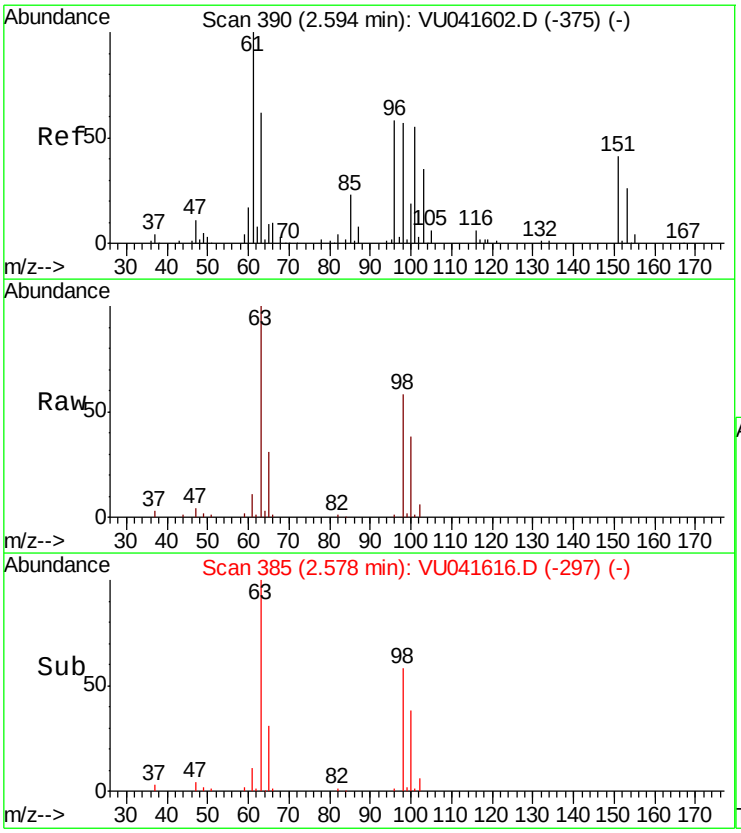
#8
Chloroethane
Concen: 0.038 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 279

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.6	40.0#

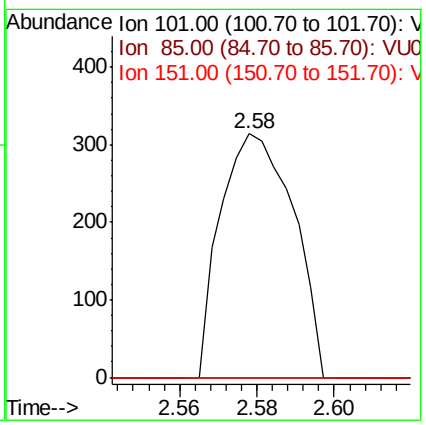


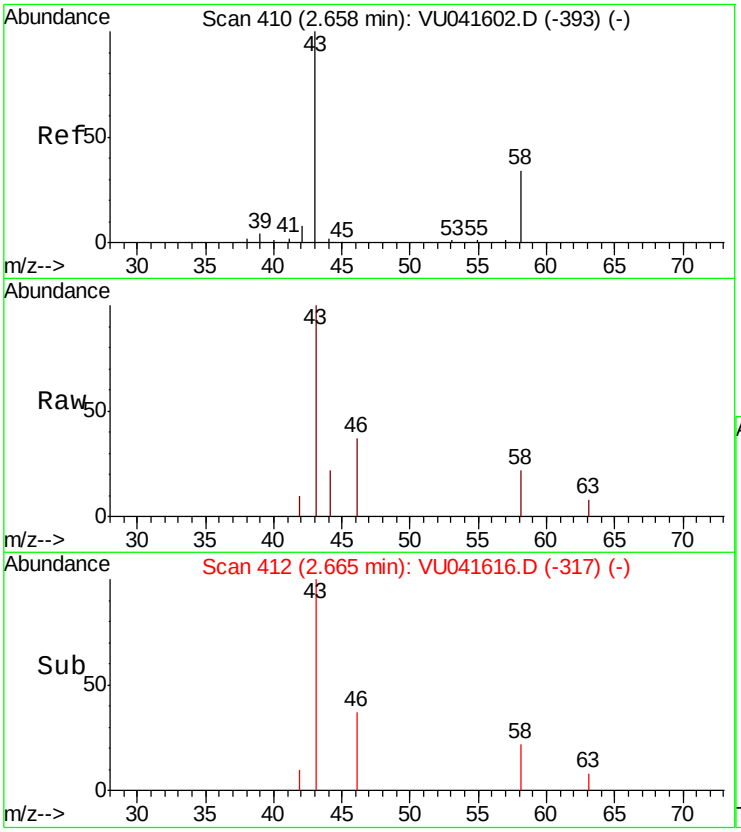


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.050 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Tgt Ion:101 Resp: 410

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.6	50.4#
151	0.0	56.2	84.4#



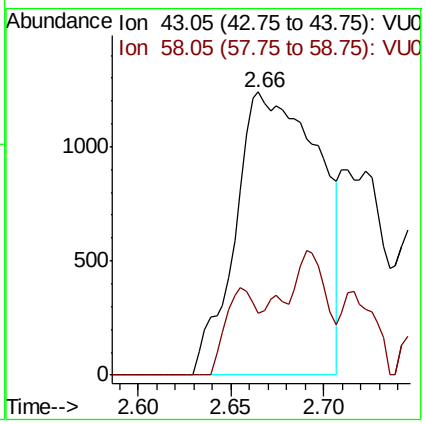


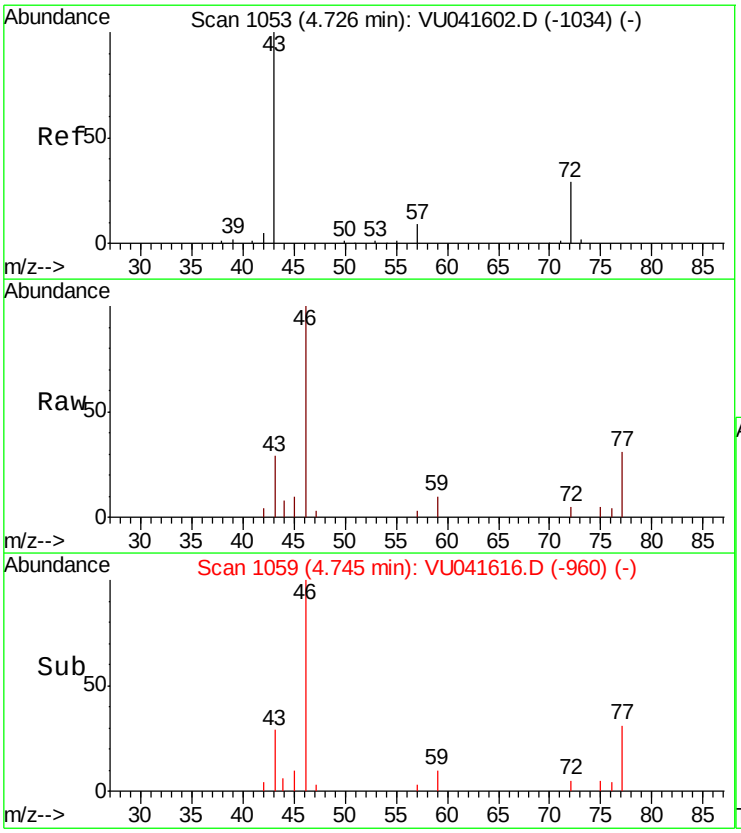
#13
Acetone
Concen: 2.274 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 3898

Ion	Ratio	Lower	Upper
43	100		
58	7.9	0.0	73.2

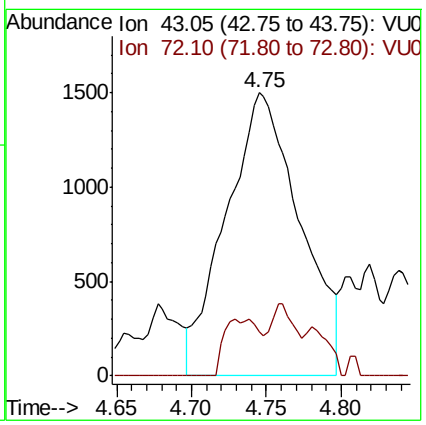


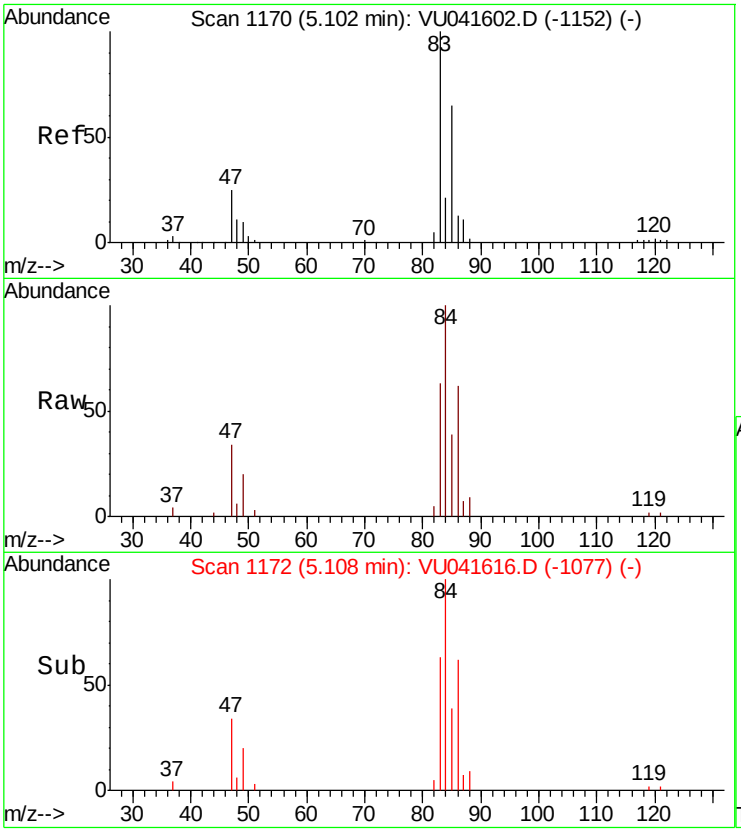


#21
2-Butanone
Concen: 1.847 ug/L
RT: 4.75 min Scan# 1059
Delta R.T. 0.02 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Tgt Ion: 43 Resp: 5158

Ion	Ratio	Lower	Upper
43	100		
72	9.7	14.6	44.0#



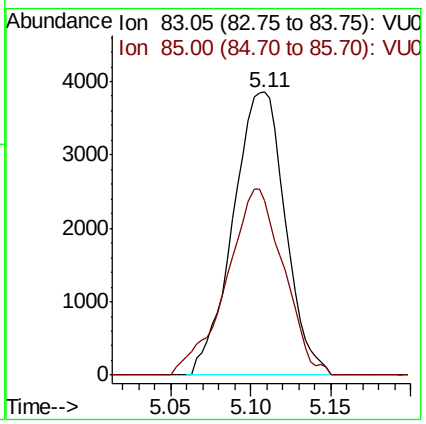


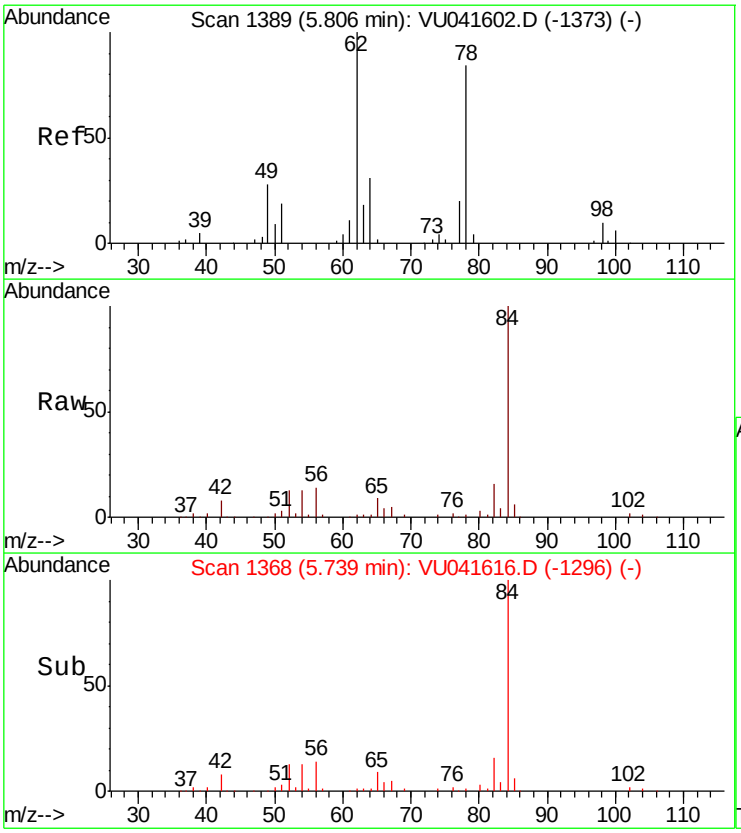
#25
Chloroform
Concen: 0.544 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 8624

Ion	Ratio	Lower	Upper
83	100		
85	61.7	44.2	82.0

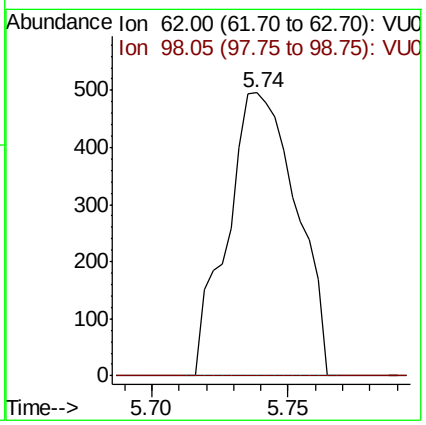


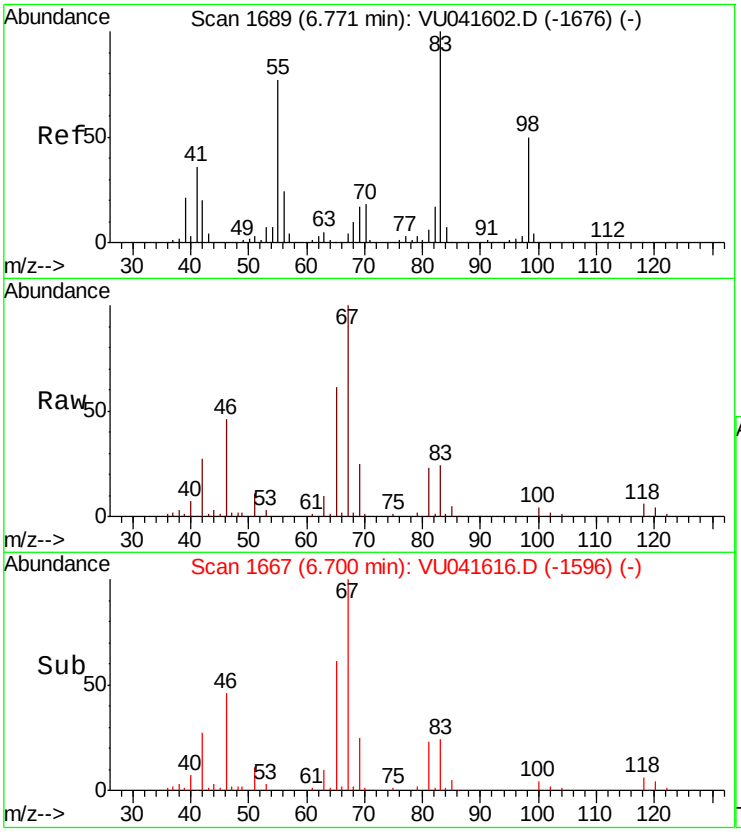


#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Tgt Ion: 62 Resp: 868

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.2#



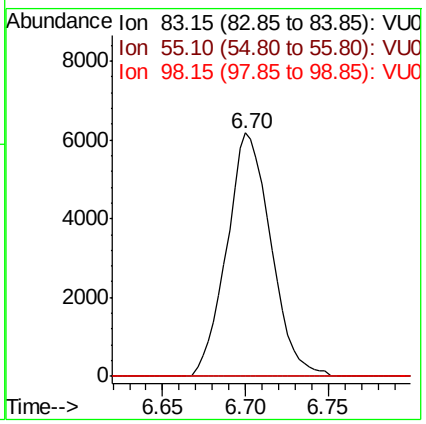


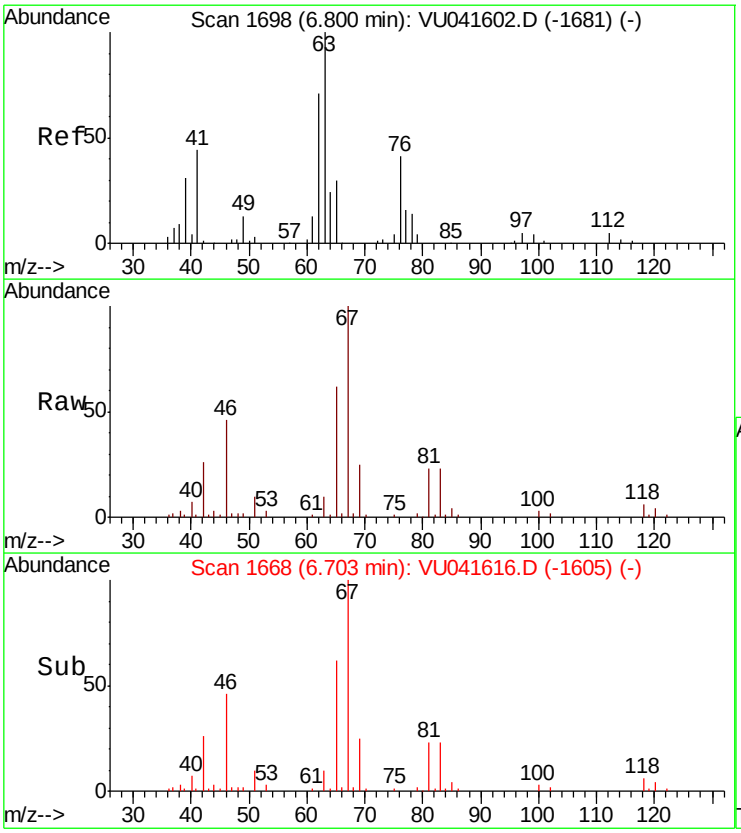
#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 11444

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	1.5	36.6	54.8#

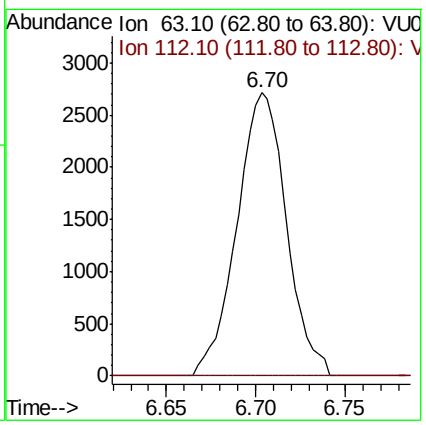


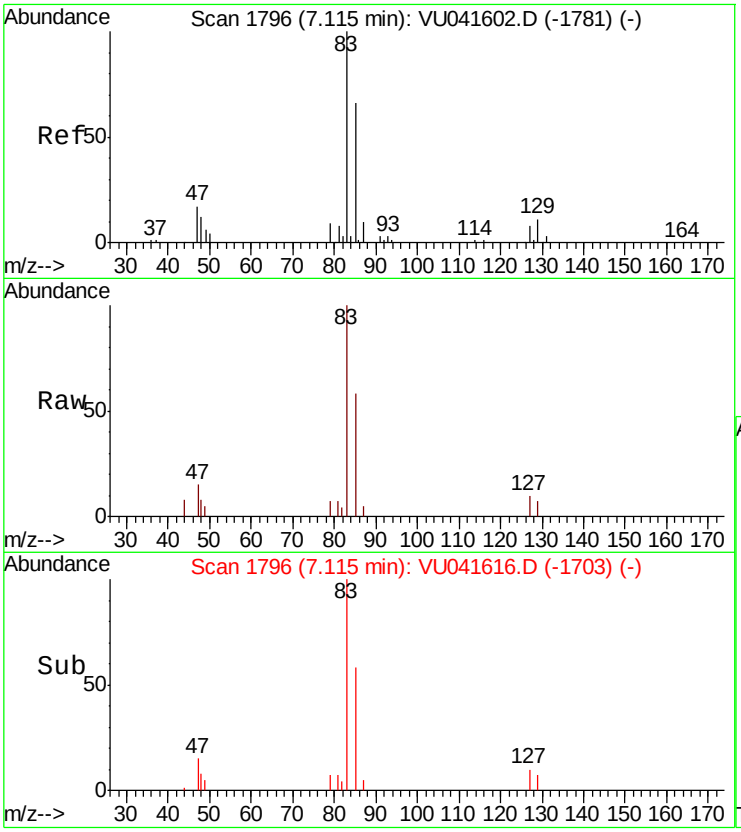


#37
1,2-Dichloropropane
Concen: 0.546 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Tgt Ion: 63 Resp: 5265

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



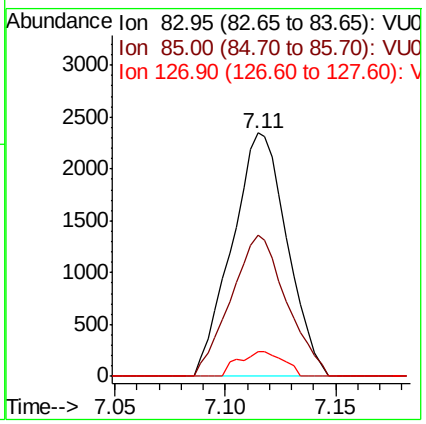


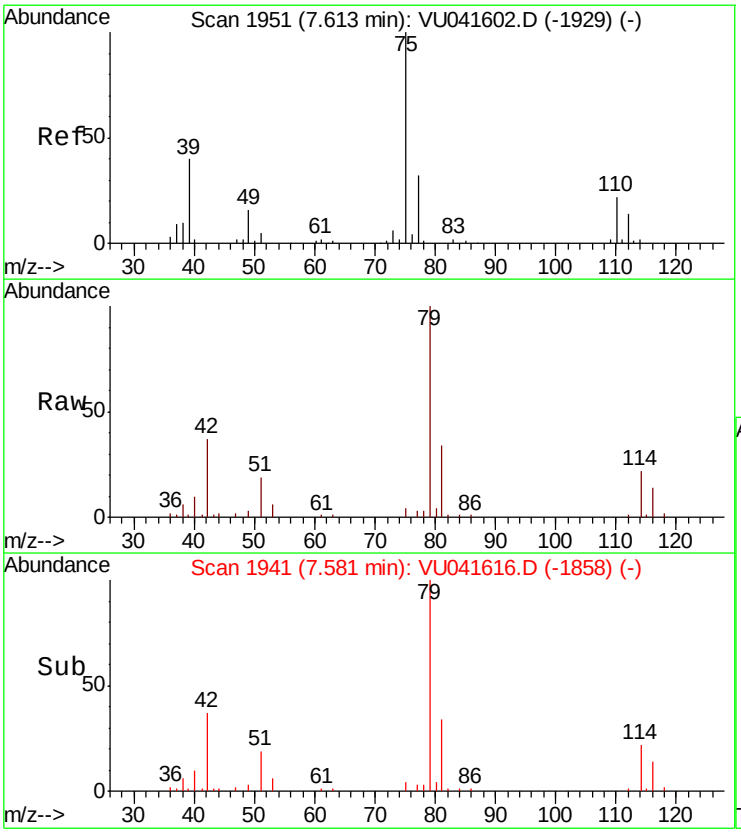
#38
Bromodichloromethane
Concen: 0.338 ug/L
RT: 7.11 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 4059

Ion	Ratio	Lower	Upper
83	100		
85	58.1	45.5	84.5
127	10.2	7.0	10.6

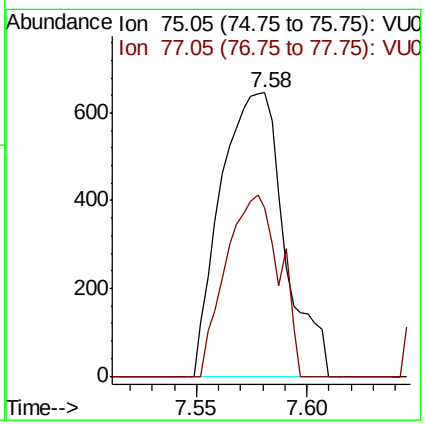


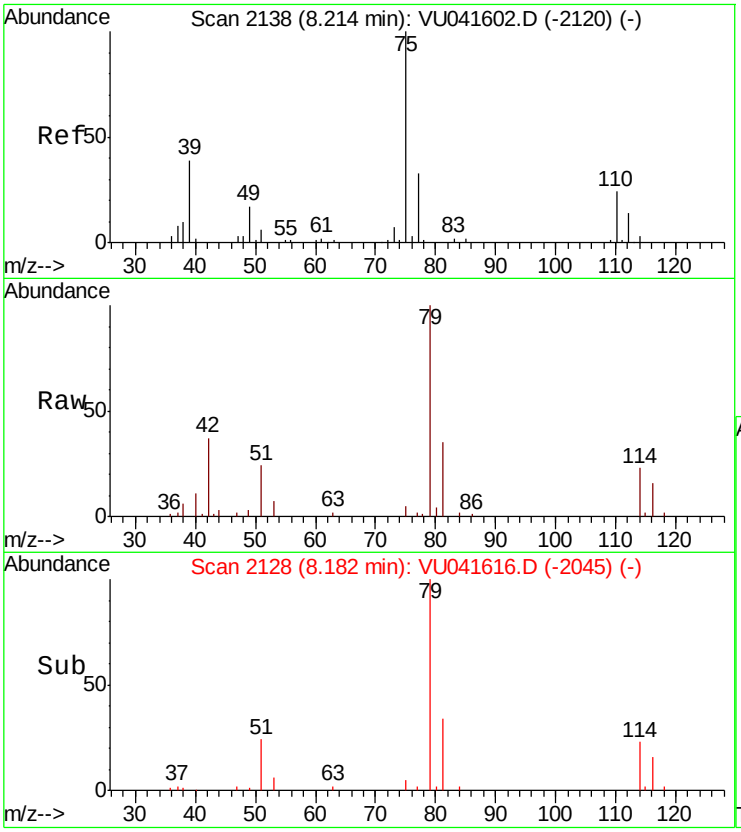


#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.58 min Scan# 1941
Delta R.T. -0.03 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Tgt Ion: 75 Resp: 1296

Ion	Ratio	Lower	Upper
75	100		
77	59.4	22.3	41.3#



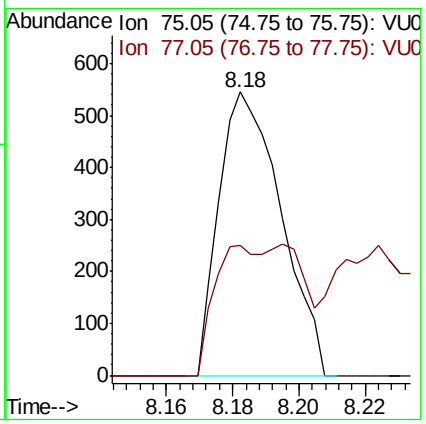


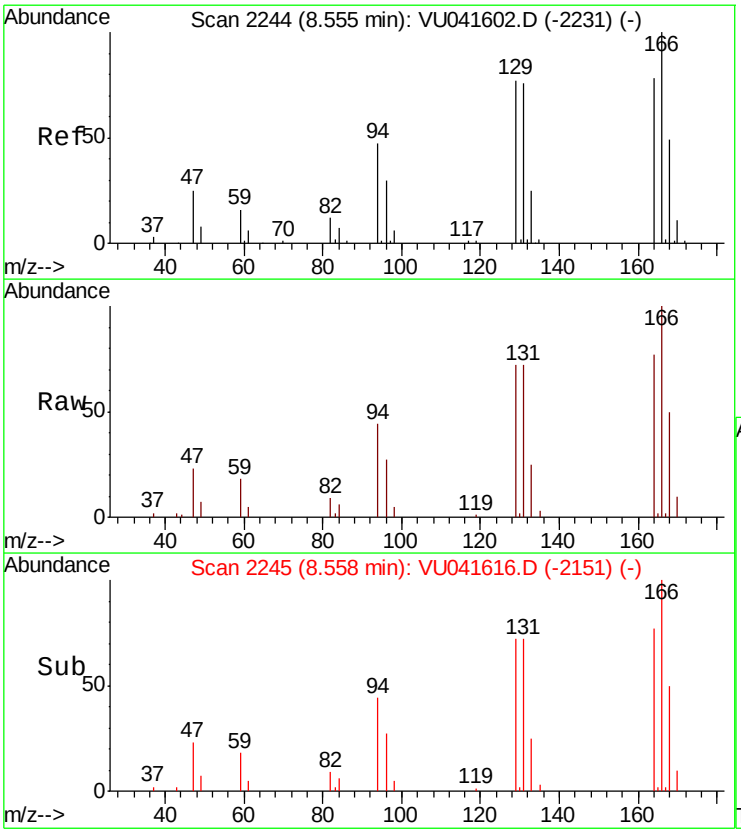
#44
trans-1,3-Dichloropropene
Concen: 0.056 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 710

Ion	Ratio	Lower	Upper
75	100		
77	45.9	23.8	44.2#

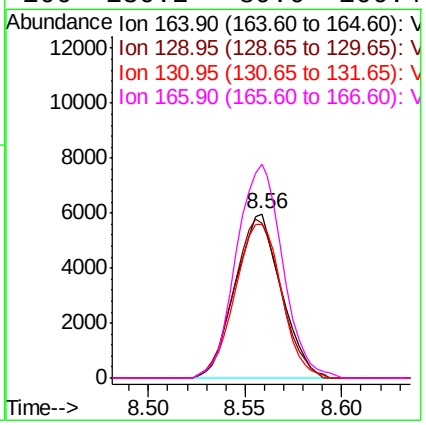


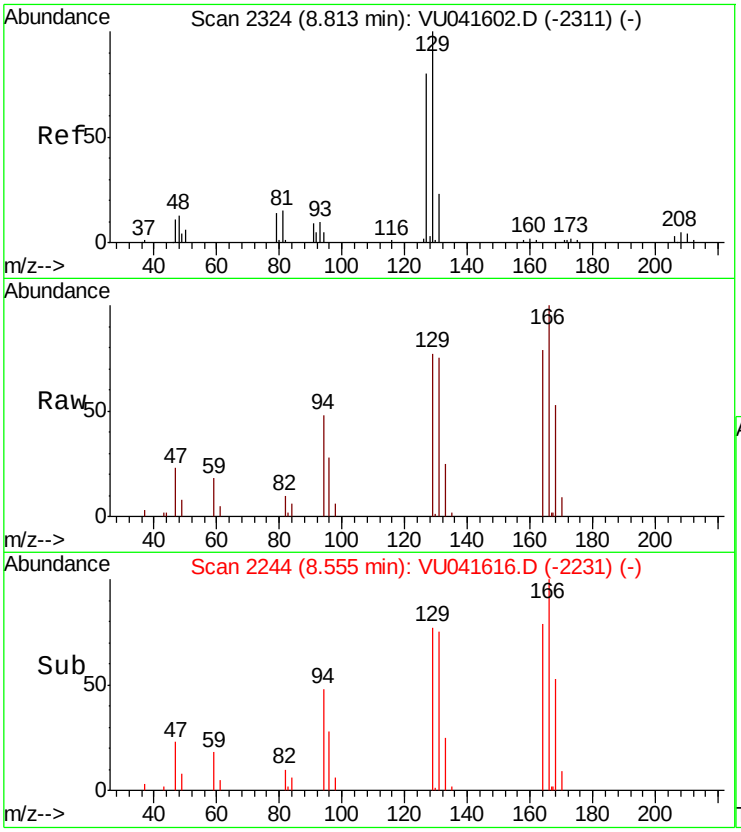


#47
Tetrachloroethene
Concen: 1.481 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Tgt Ion:164 Resp: 9832

Ion	Ratio	Lower	Upper
164	100		
129	94.3	72.2	134.0
131	93.9	66.9	124.3
166	130.2	89.6	166.4



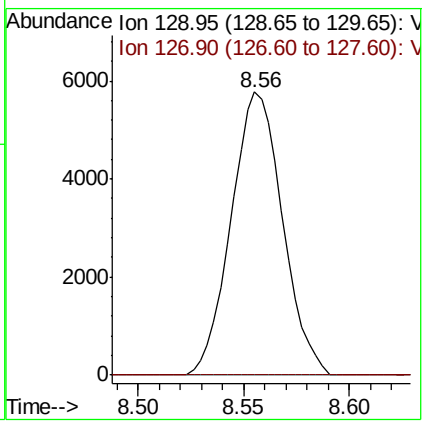


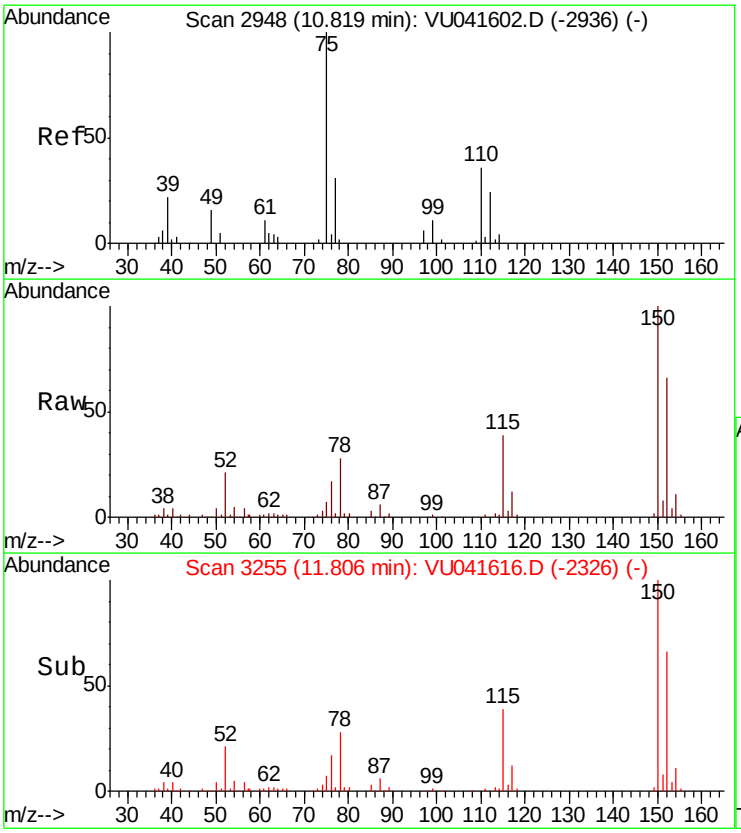
#49
Dibromochloromethane
Concen: 1.190 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 9759

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#59
1,2,3-Trichloropropane
Concen: 0.823 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041616.D
Acq: 14 Dec 2020 17:26

Tgt Ion: 75 Resp: 5964

Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.2	39.2