Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121820\
Data File : VU041687.D
Acq On : 18 Dec 2020 18:35
Operator : SY/MD
Sample : L5142-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZB7MS

Quant Time: Dec 19 04:15:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109057	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	104621	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46825	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	33893	3.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.60%			
7) Chloroethane-d5	1.92	69	31424	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.58	63	65332	4.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.20%			
20) 2-Butanone-d5	4.65	46	141286	57.69	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.38%			
24) Chloroform-d	5.08	84	72679	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.72	65	43256	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%			
32) Benzene-d6	5.74	84	147577	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.70	67	49108	5.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.60%			
41) Toluene-d8	7.90	98	120794	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.19	79	19588	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.64	63	125246	54.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.50%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46254	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	45805	5.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.00%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	960	0.107	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	484	0.065	ug/L #	22
12) 1,1-Dichloroethene	2.59	96	31617	4.274	ug/L	87
27) 1,2-Dichloroethane	5.79	62	1186	0.122	ug/L #	73
33) Benzene	5.79	78	151711	4.534	ug/L	100
34) Trichloroethene	6.55	95	37379	4.446	ug/L	97
35) Methylcyclohexane	6.70	83	10757	0.791	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4956	0.579	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1137	0.090	ug/L #	61
42) Toluene	7.97	91	148062	4.286	ug/L	99
44) trans-1,3-Dichloropropene	8.19	75	720	0.063	ug/L #	57
47) Tetrachloroethene	8.56	164	1586	0.269	ug/L	92
49) Dibromochloromethane	8.56	129	1590	0.219	ug/L #	10
51) Chlorobenzene	9.45	112	102656	4.781	ug/L	94
59) 1,2,3-Trichloropropane	11.81	75	5293	0.823	ug/L #	42

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121820\
Data File : VU041687.D
Acq On : 18 Dec 2020 18:35
Operator : SY/MD
Sample : L5142-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZB7MS

Quant Time: Dec 19 04:15:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

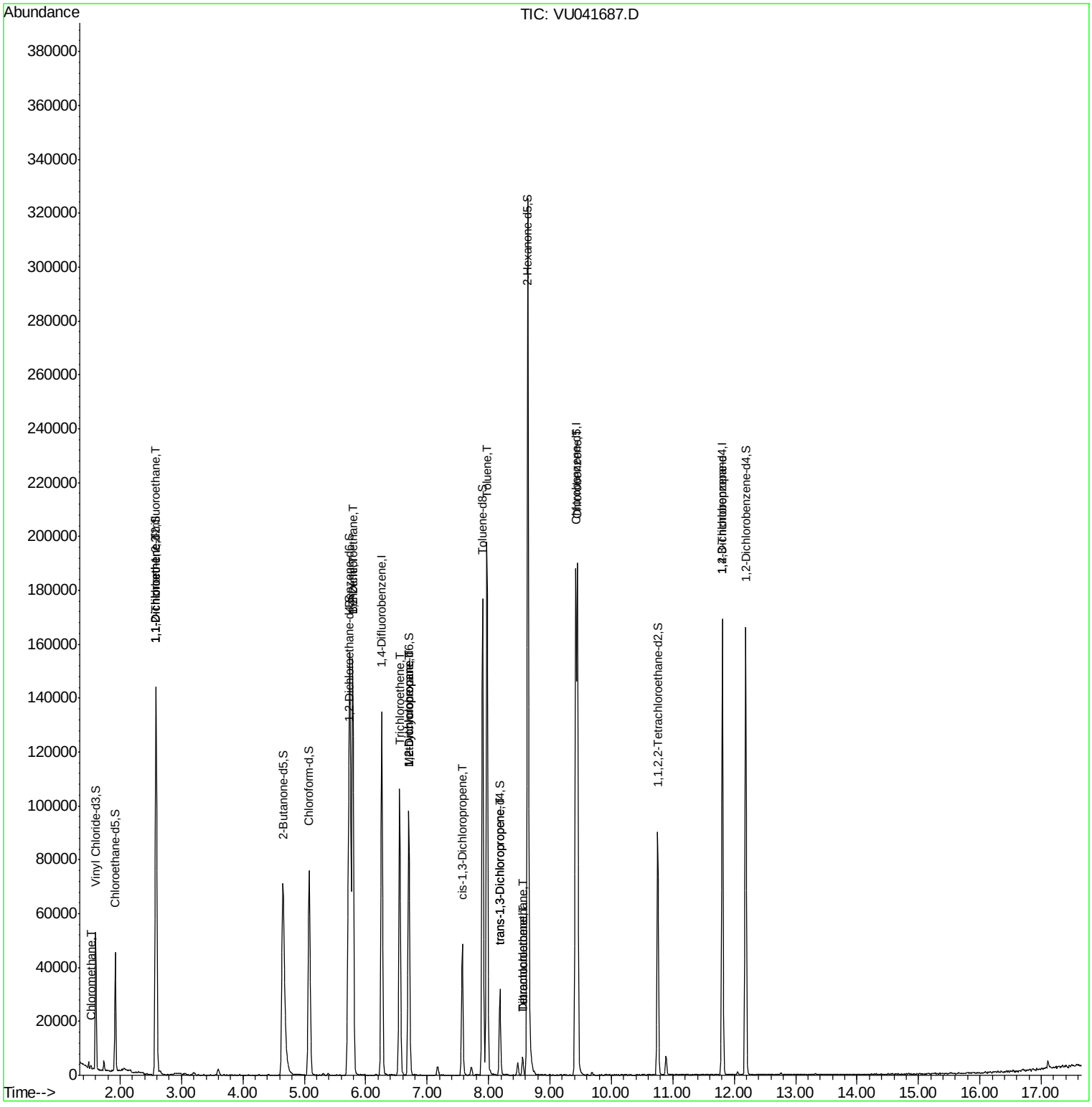
(#) = qualifier out of range (m) = manual integration (+) = signals summed

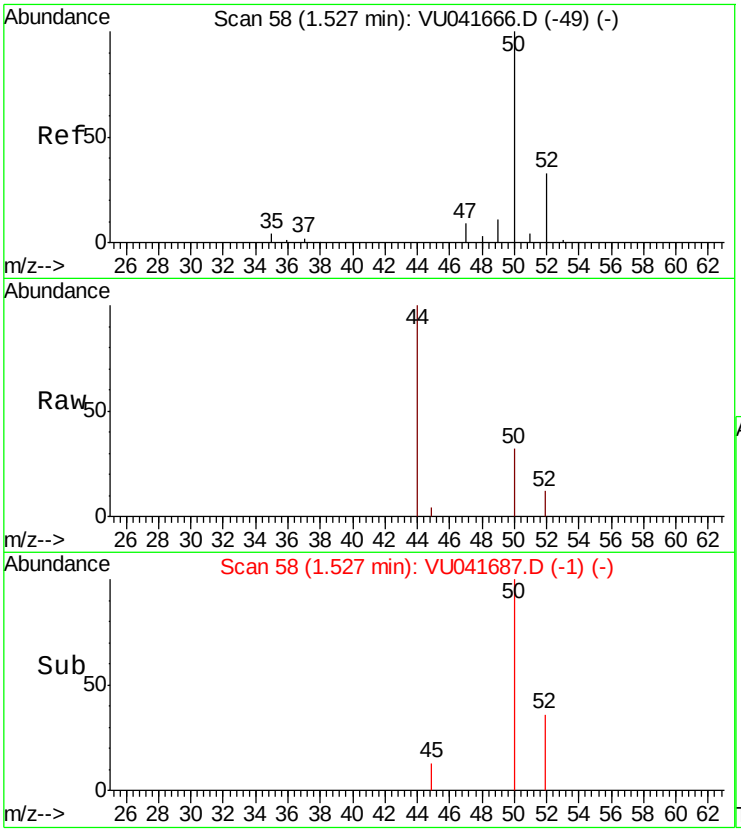
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121820\
Data File : VU041687.D
Acq On : 18 Dec 2020 18:35
Operator : SY/MD
Sample : L5142-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETZB7MS

Quant Time: Dec 19 04:15:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration



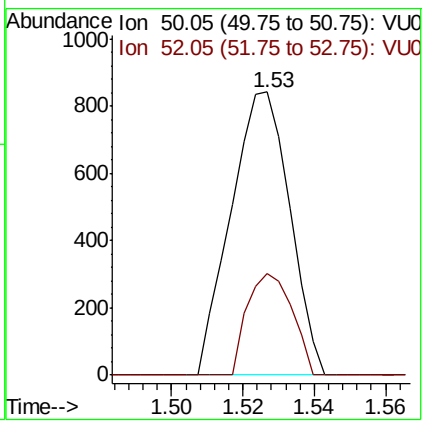


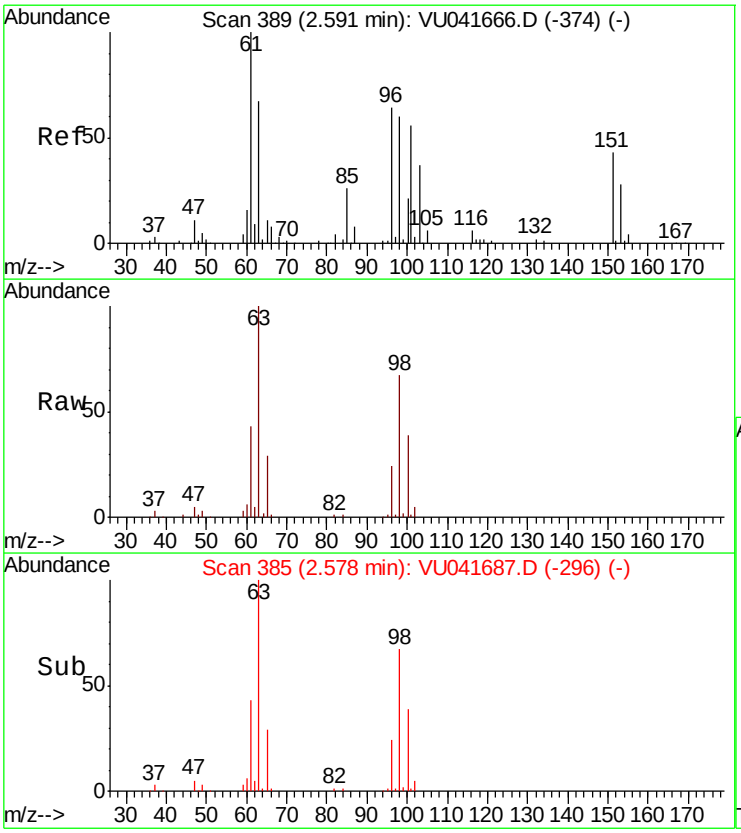
#3
Chloromethane
Concen: 0.107 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Instrument : MSVOA_U
ClientSampleId : ETZB7MS

Tgt Ion: 50 Resp: 960

Ion	Ratio	Lower	Upper
50	100		
52	36.1	24.1	44.8

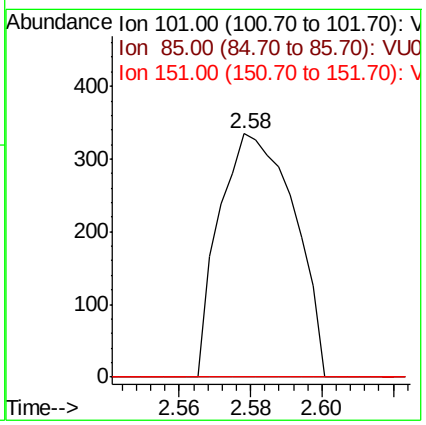


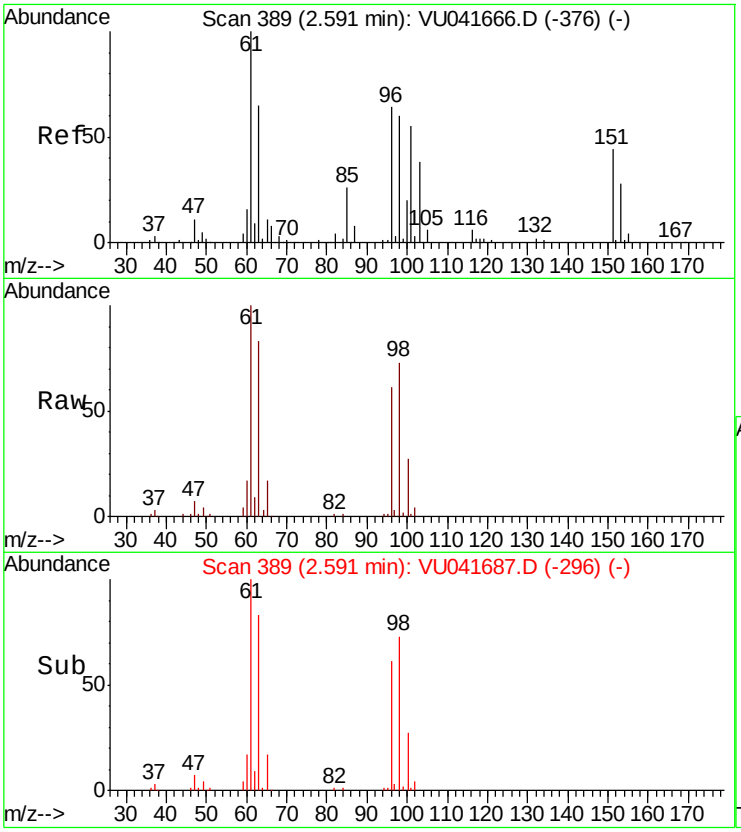


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.065 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Tgt Ion:101 Resp: 484

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



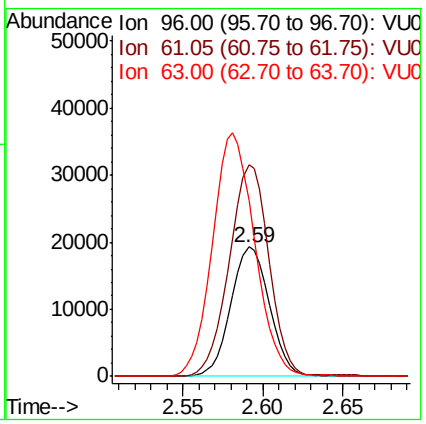


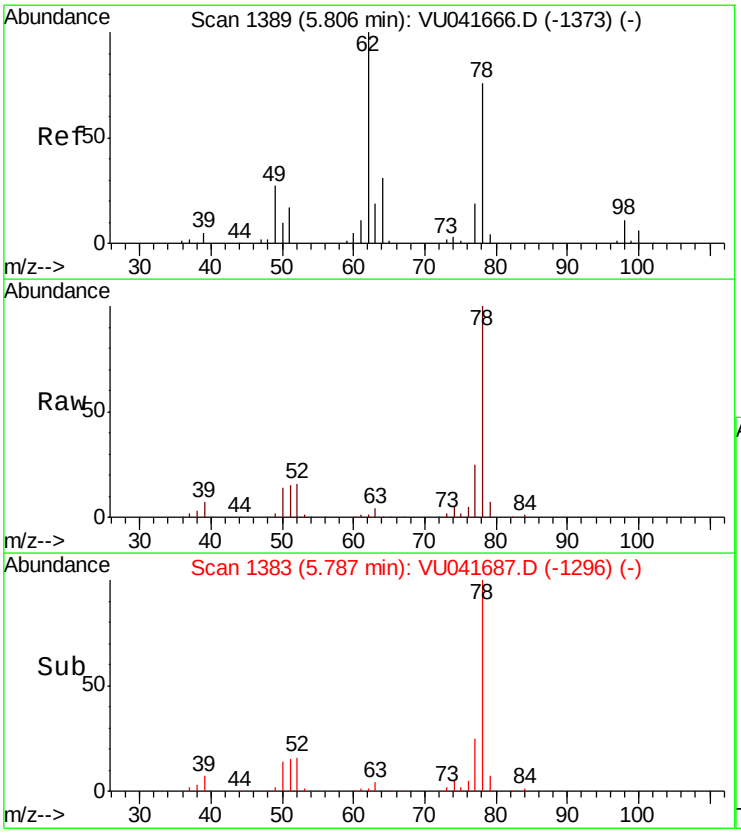
#12
1,1-Dichloroethene
Concen: 4.274 ug/L
RT: 2.59 min Scan# 389
Delta R.T. 0.00 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Instrument :
MSVOA_U
ClientSampleId :
ETZB7MS

Tgt Ion: 96 Resp: 31617

Ion	Ratio	Lower	Upper
96	100		
61	163.8	123.8	230.0
63	135.8	81.0	150.4

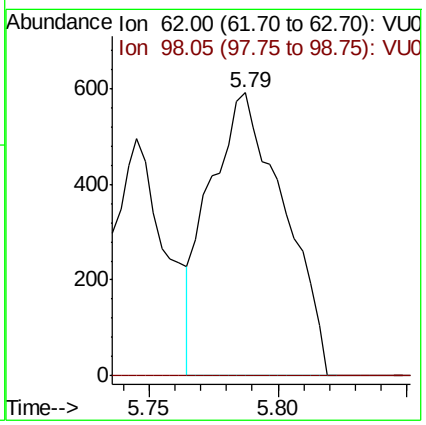


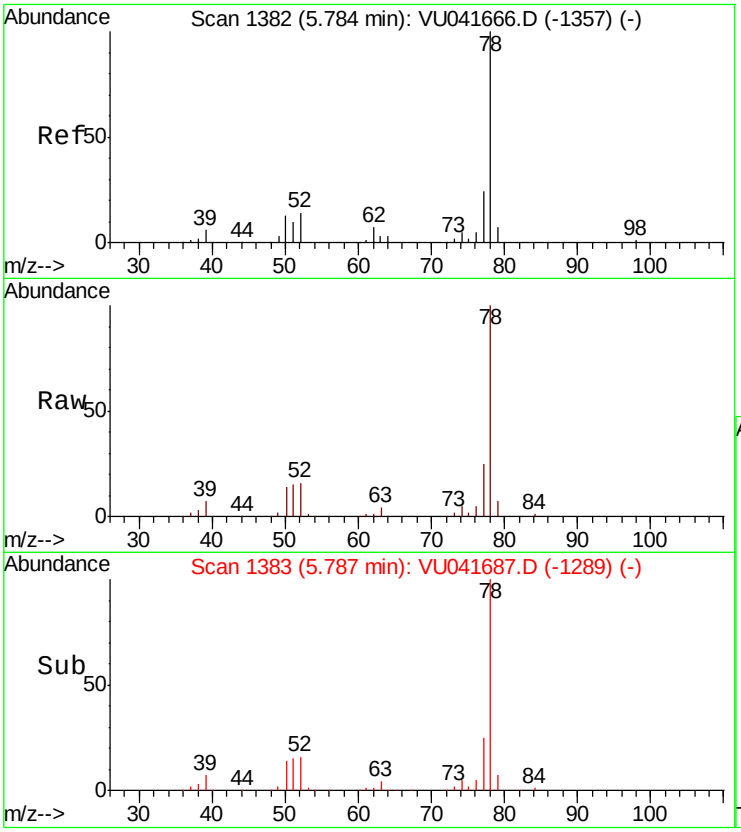


#27
1,2-Dichloroethane
Concen: 0.122 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.02 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Tgt Ion: 62 Resp: 1186

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.2#

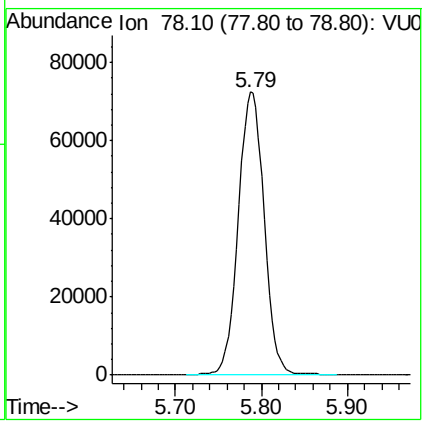


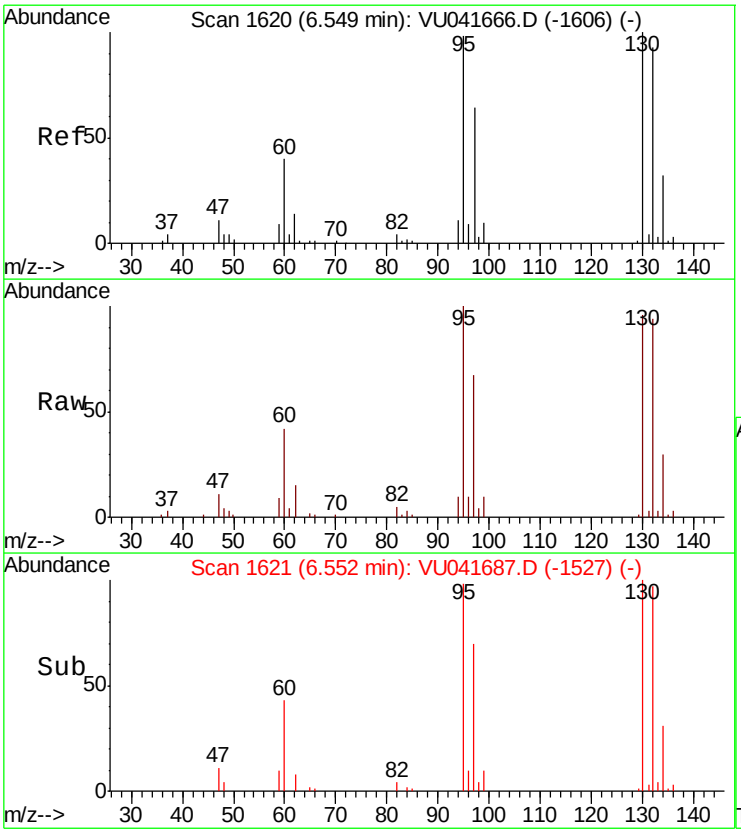


#33
Benzene
Concen: 4.534 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Instrument :
MSVOA_U
ClientSampleId :
ETZB7MS

Tgt Ion: 78 Resp: 151711

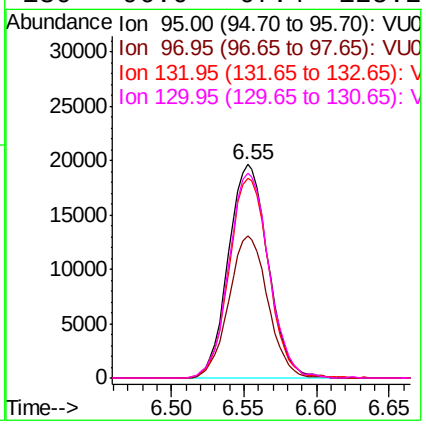


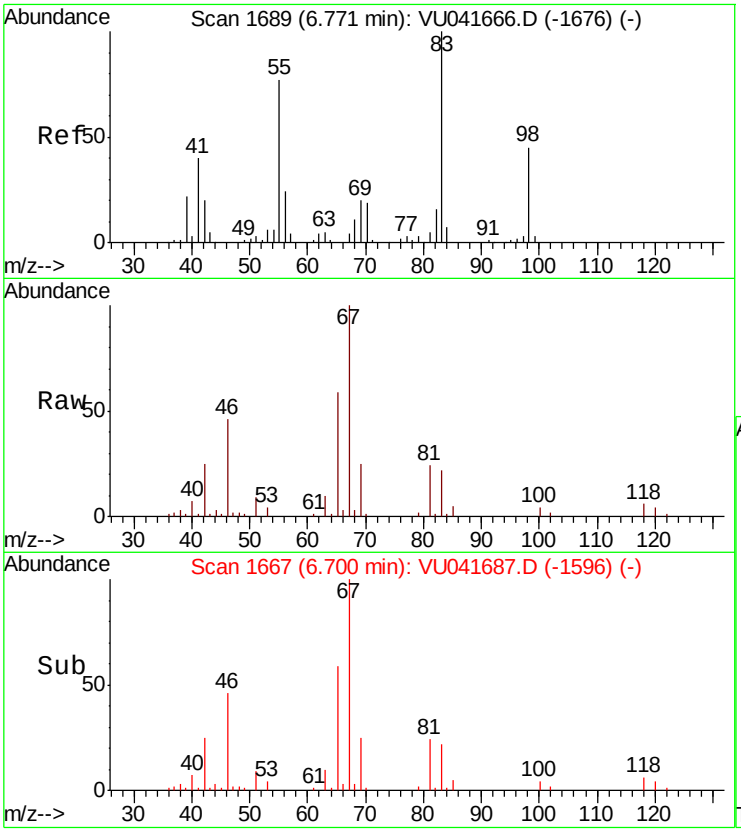


#34
Trichloroethene
Concen: 4.446 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Tgt Ion: 95 Resp: 37379

Ion	Ratio	Lower	Upper
95	100		
97	66.8	43.9	81.5
132	93.5	63.1	117.3
130	96.0	67.4	125.2



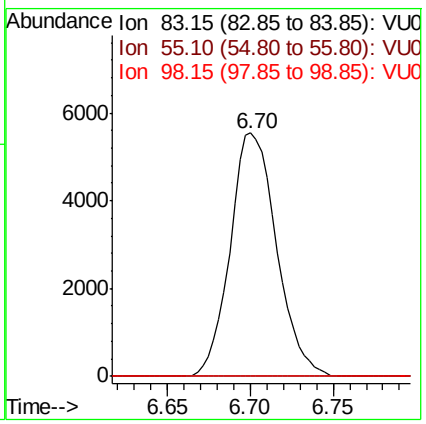


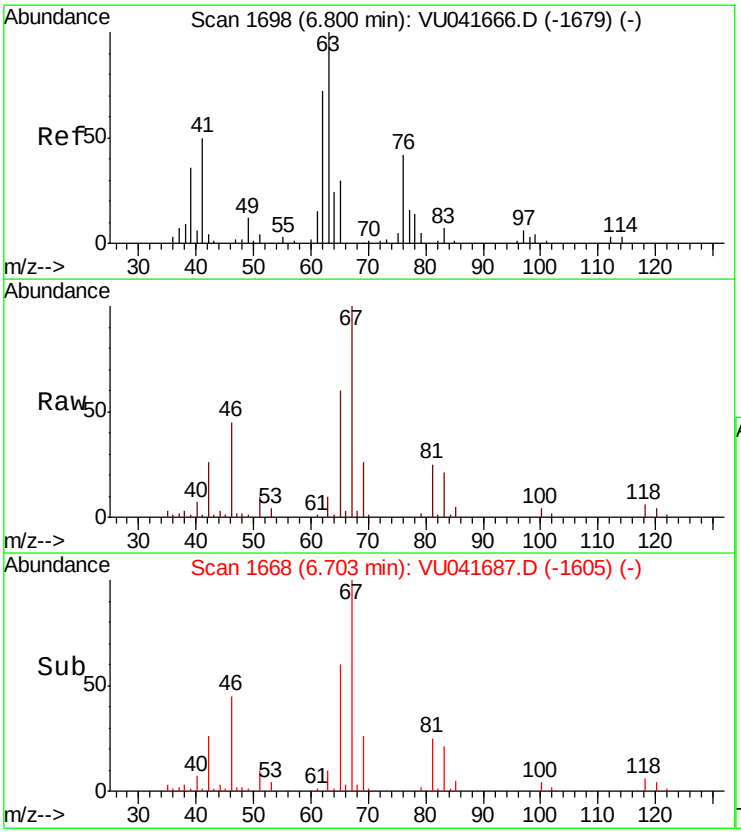
#35
Methylcyclohexane
Concen: 0.791 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Instrument : MSVOA_U
ClientSampleId : ETZB7MS

Tgt Ion: 83 Resp: 10757

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

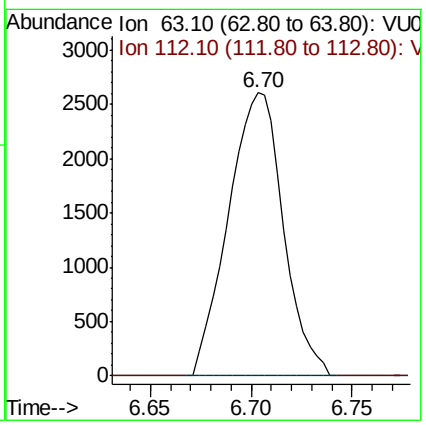


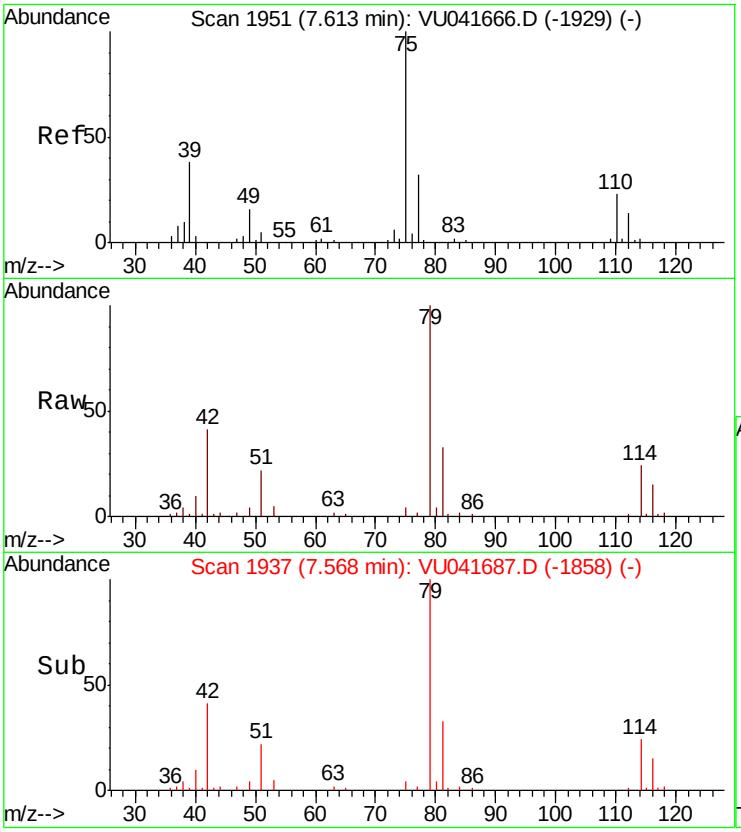


#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Tgt Ion: 63 Resp: 4956

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



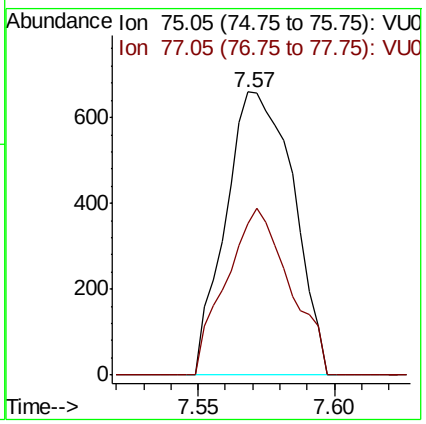


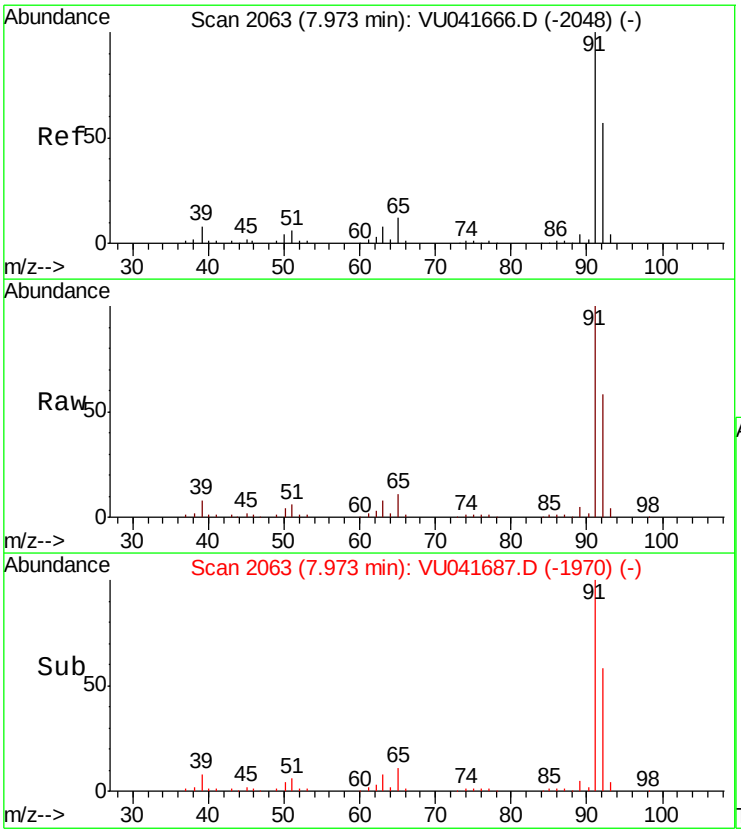
#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.04 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Instrument : MSVOA_U
ClientSampleId : ETZB7MS

Tgt Ion: 75 Resp: 1137

Ion	Ratio	Lower	Upper
75	100		
77	53.7	22.3	41.3#

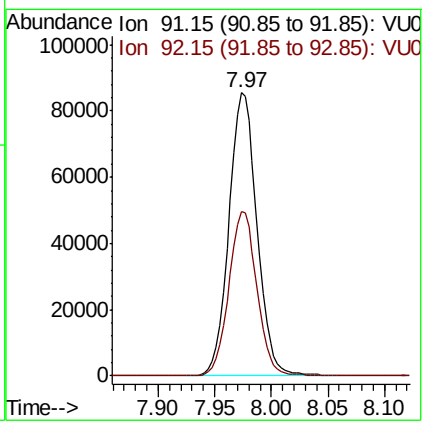


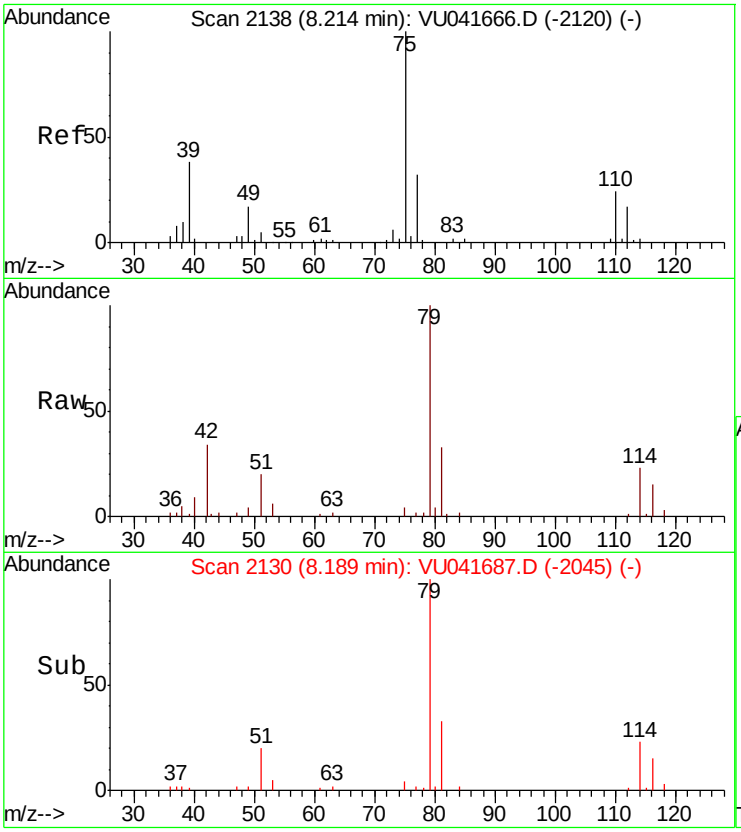


#42
Toluene
Concen: 4.286 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Tgt Ion: 91 Resp: 148062

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.0	74.2



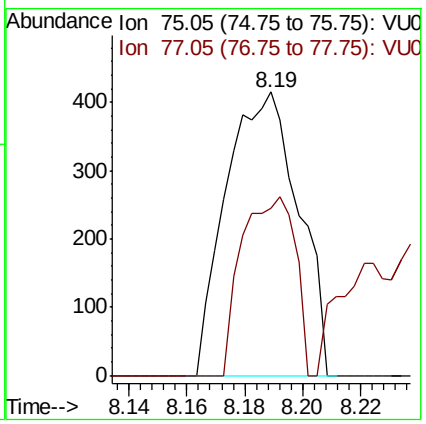


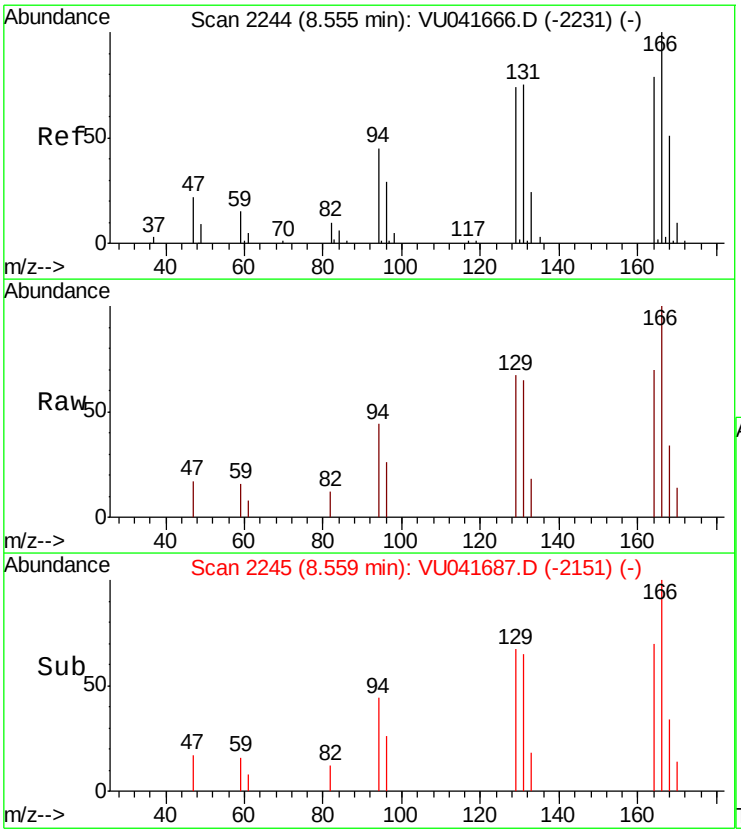
#44
trans-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Instrument : MSVOA_U
ClientSampleId : ETZB7MS

Tgt Ion: 75 Resp: 720

Ion	Ratio	Lower	Upper
75	100		
77	58.8	23.8	44.2#

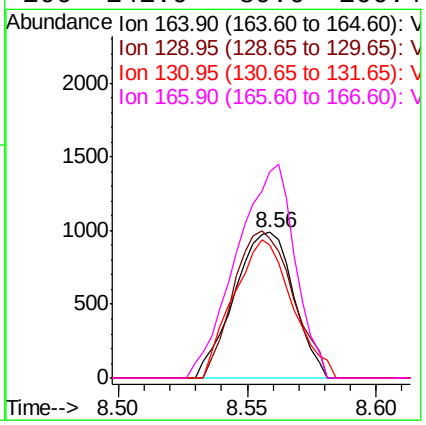


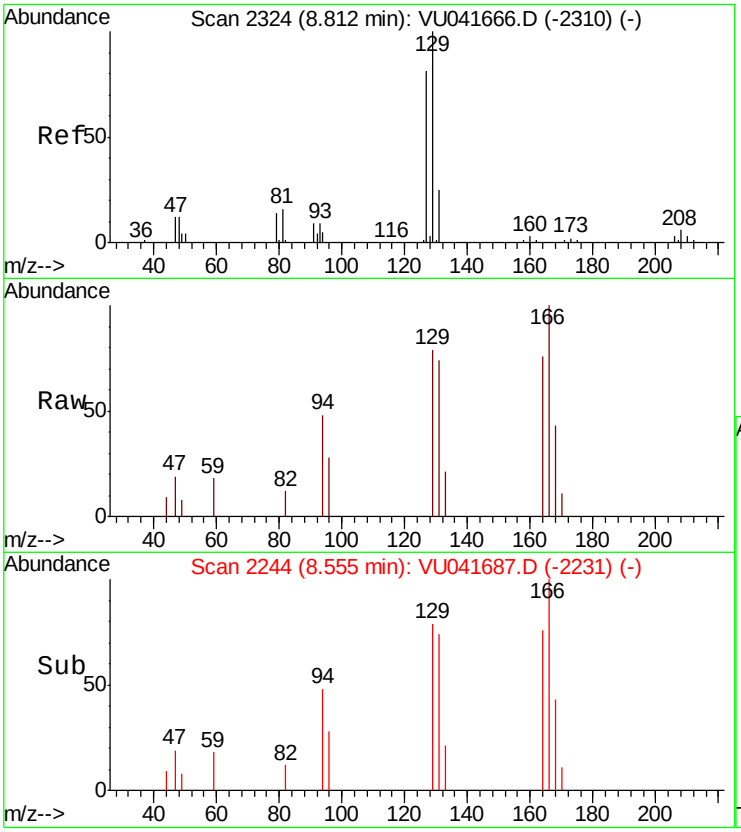


#47
Tetrachloroethene
Concen: 0.269 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Tgt Ion:164 Resp: 1586

Ion	Ratio	Lower	Upper
164	100		
129	95.7	72.2	134.0
131	91.6	66.9	124.3
166	141.9	89.6	166.4



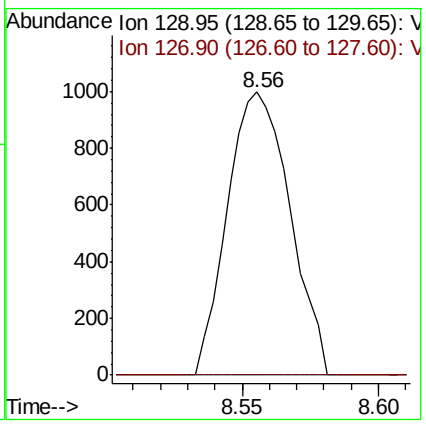


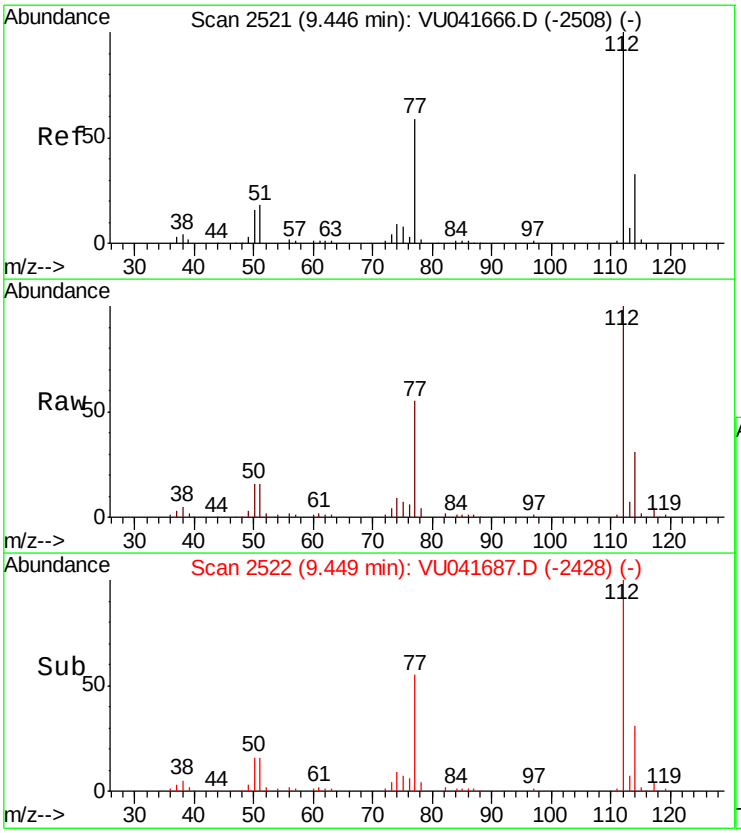
#49
Dibromochloromethane
Concen: 0.219 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Instrument :
MSVOA_U
ClientSampleId :
ETZB7MS

Tgt Ion:129 Resp: 1590

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#

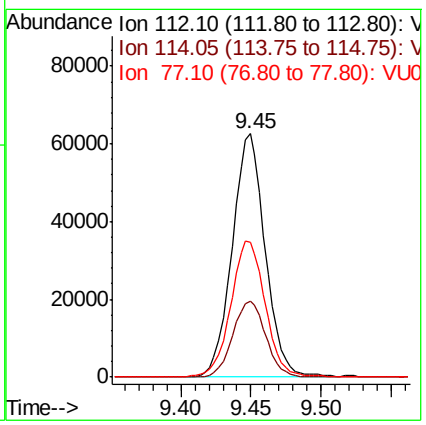


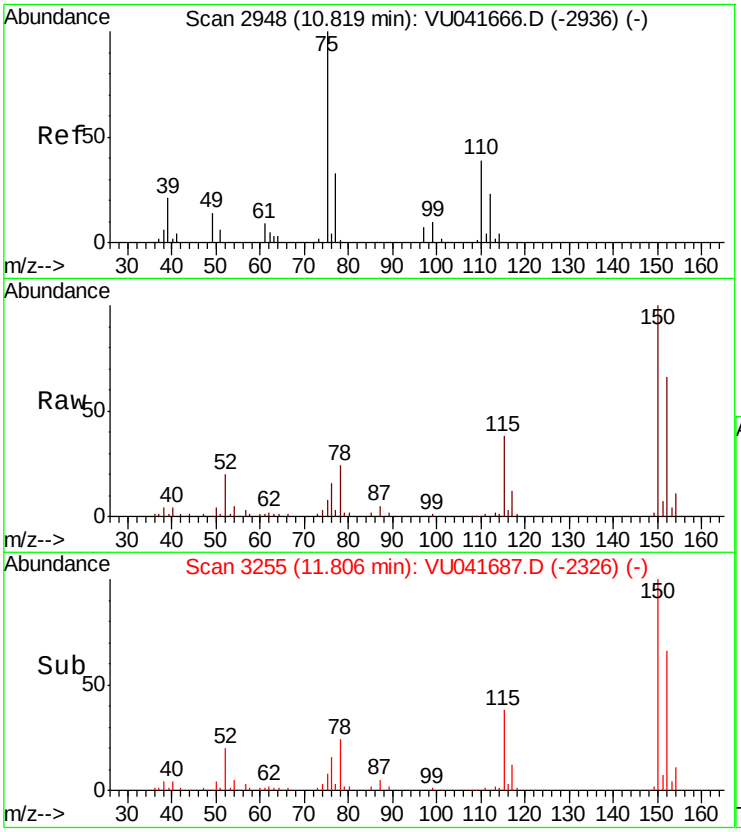


#51
Chlorobenzene
Concen: 4.781 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Tgt Ion:112 Resp: 102656

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.7	42.3
77	55.5	49.1	73.7





#59
1,2,3-Trichloropropane
Concen: 0.823 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041687.D
Acq: 18 Dec 2020 18:35

Instrument :
MSVOA_U
ClientSampleId :
ETZB7MS

Tgt Ion: 75 Resp: 5293

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#