Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121520\
Data File : VU041629.D
Acq On : 15 Dec 2020 11:26
Operator : SY/MD
Sample : L5027-10DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB1J1DL

Quant Time: Dec 16 02:45:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 02:41:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115784	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110720	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49946	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	30691	3.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.80%			
7) Chloroethane-d5	1.92	69	31822	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.58	63	50813	3.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.00%			
20) 2-Butanone-d5	4.67	46	137041	52.70	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.40%			
24) Chloroform-d	5.08	84	75378	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.72	65	44818	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.74	84	147485	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.70	67	48560	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.90	98	125922	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	8.18	79	19598	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.64	63	111367	45.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.16%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47278	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	48581	5.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	445	0.056	ug/L #	22
16) Methylene chloride	3.06	84	1495	0.159	ug/L	83
27) 1,2-Dichloroethane	5.74	62	805	0.078	ug/L #	73
34) Trichloroethene	6.55	95	1906	0.214	ug/L	98
35) Methylcyclohexane	6.70	83	11690	0.813	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	4787	0.529	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1072	0.080	ug/L #	65
44) trans-1,3-Dichloropropene	8.19	75	759	0.063	ug/L	92
45) 1,1,2-Trichloroethane	8.55	97	889	0.133	ug/L #	10
47) Tetrachloroethene	8.56	164	111770	17.944	ug/L	98
49) Dibromochloromethane	8.56	129	107264	13.942	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	5501	0.809	ug/L	98

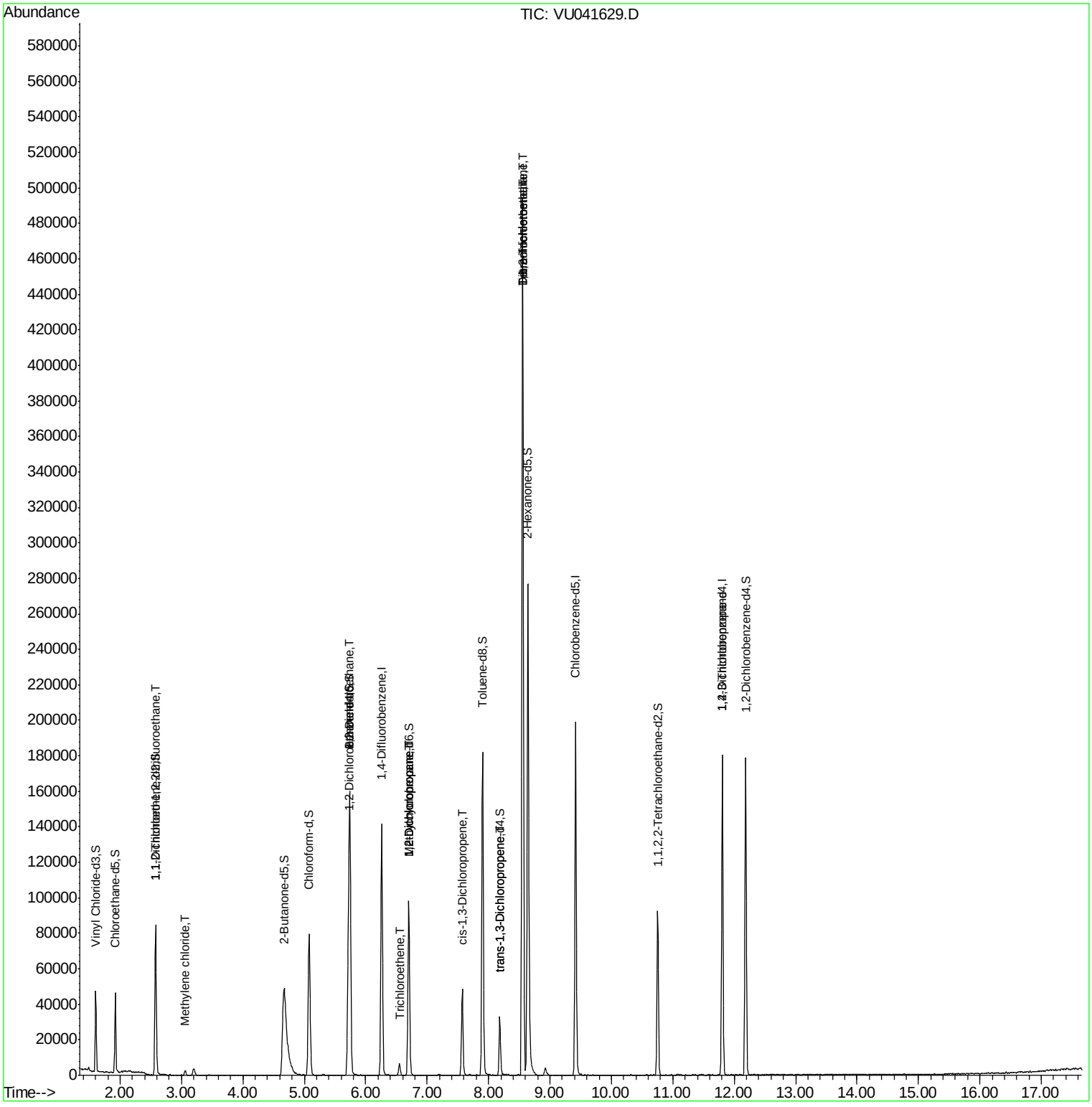
(#) = qualifier out of range (m) = manual integration (+) = signals summed

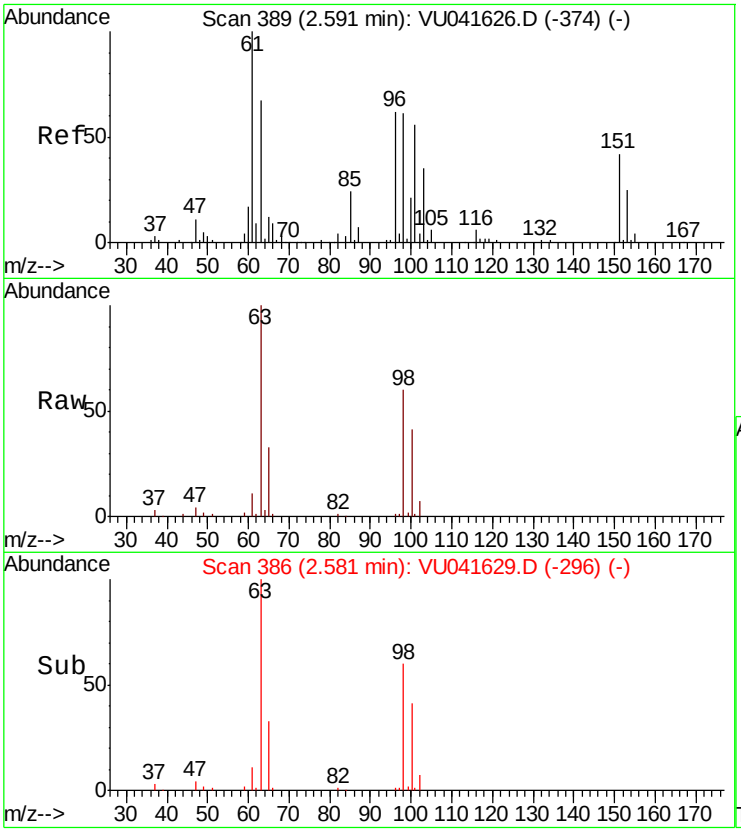
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121520\
Data File : VU041629.D
Acq On : 15 Dec 2020 11:26
Operator : SY/MD
Sample : L5027-10DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB1J1DL

Quant Time: Dec 16 02:45:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 02:41:48 2020
Response via : Initial Calibration



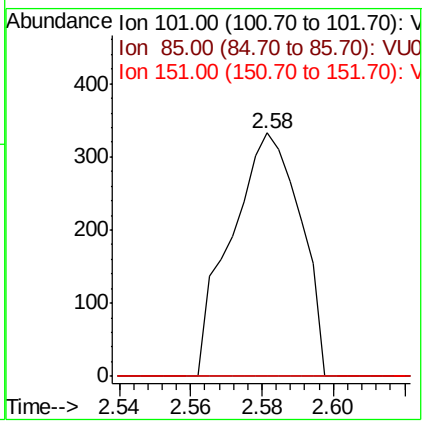


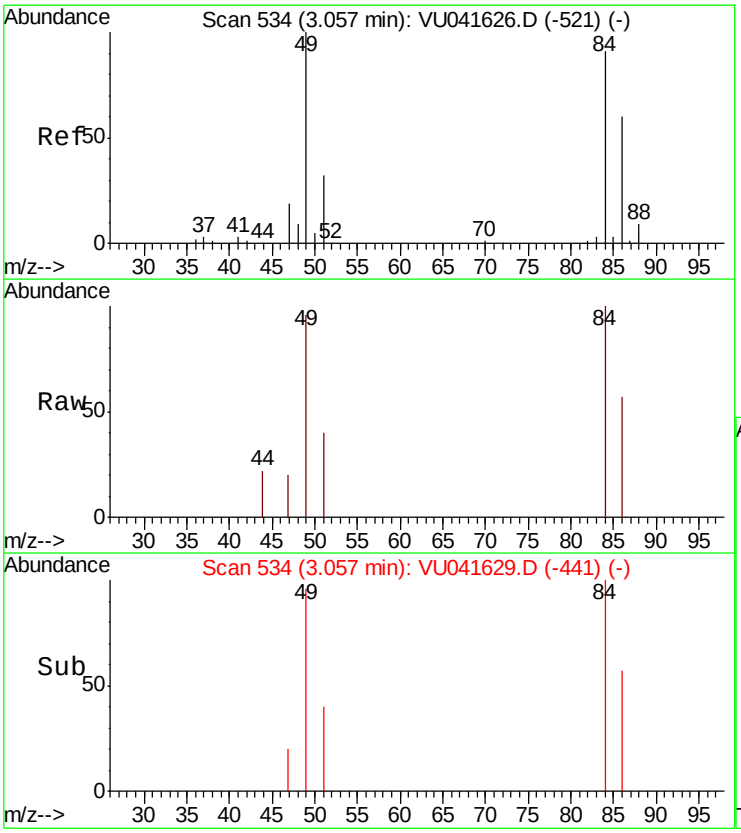
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Instrument : MSVOA_U
ClientSampleId : GB1J1DL

Tgt Ion:101 Resp: 445

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

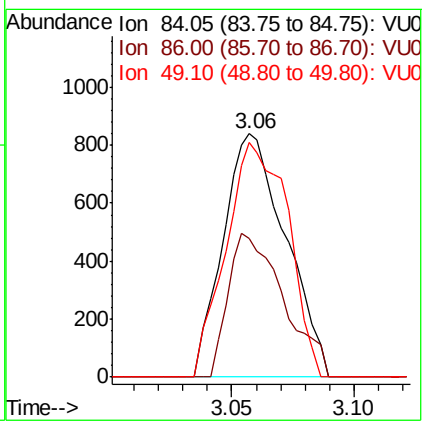


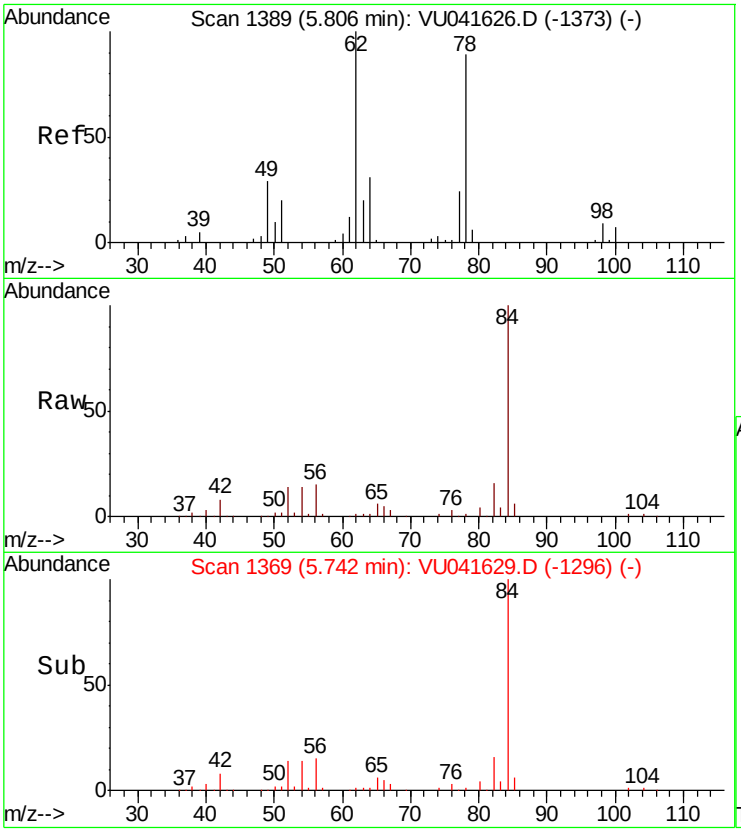


#16
Methylene chloride
Concen: 0.159 ug/L
RT: 3.06 min Scan# 534
Delta R.T. 0.00 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Tgt Ion: 84 Resp: 1495

Ion	Ratio	Lower	Upper
84	100		
86	56.9	45.1	83.7
49	96.3	83.1	154.3



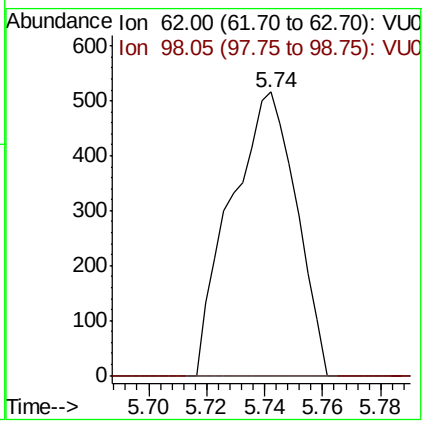


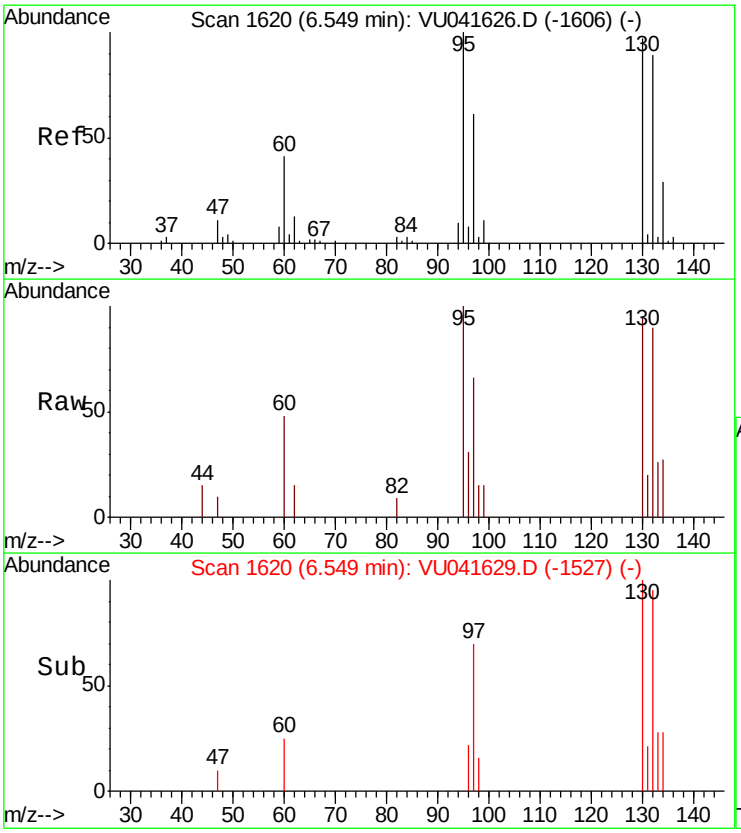
#27
1,2-Dichloroethane
Concen: 0.078 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Instrument : MSVOA_U
ClientSampleId : GB1J1DL

Tgt Ion: 62 Resp: 805

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.2#

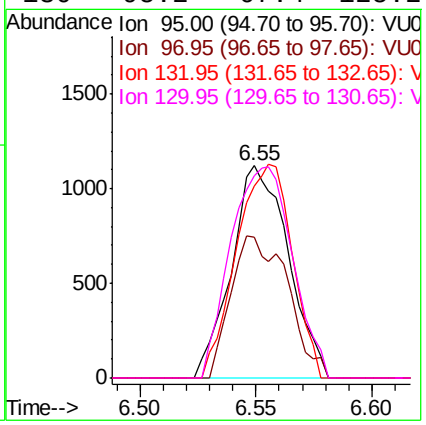


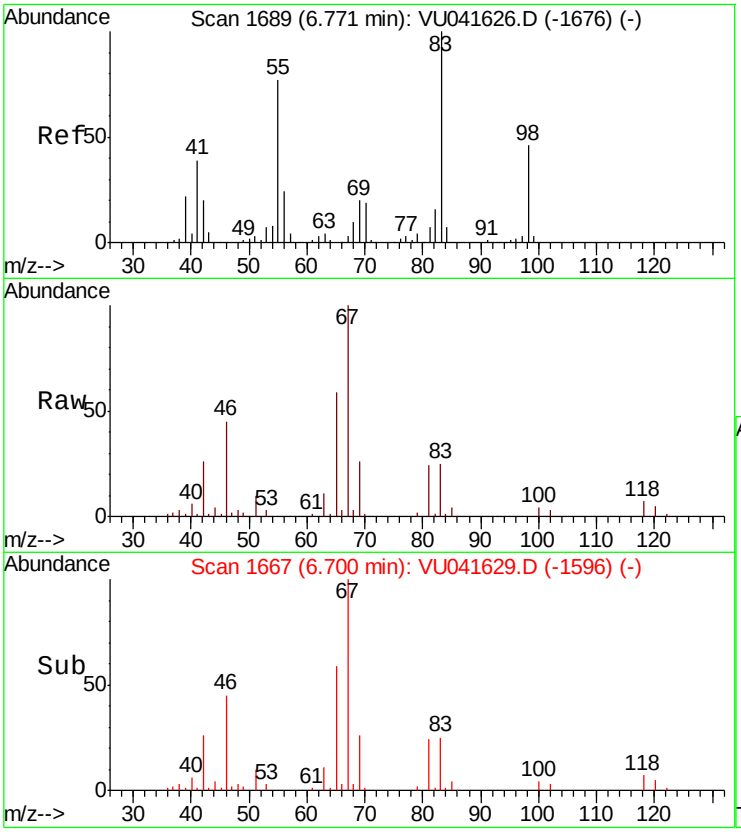


#34
Trichloroethene
Concen: 0.214 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. 0.00 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Tgt Ion: 95 Resp: 1906

Ion	Ratio	Lower	Upper
95	100		
97	66.5	43.9	81.5
132	90.5	63.1	117.3
130	95.2	67.4	125.2



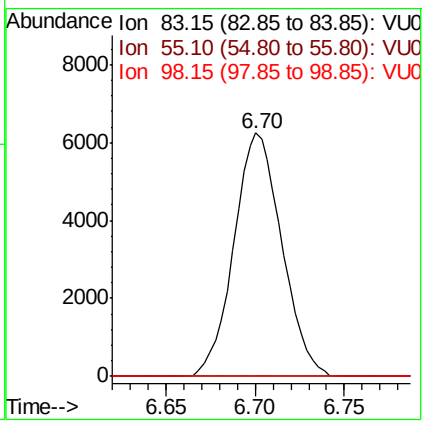


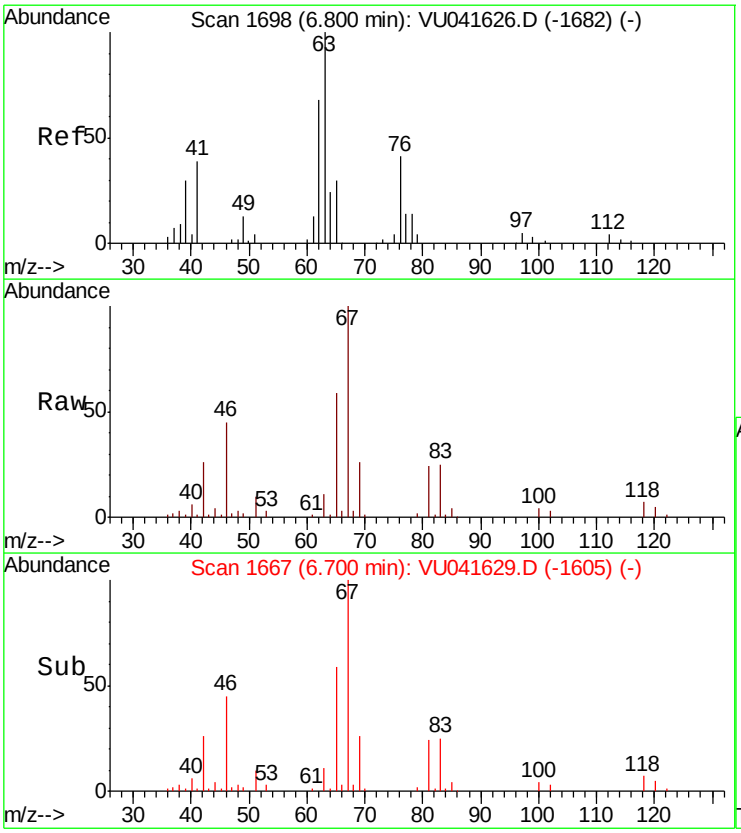
#35
Methylcyclohexane
Concen: 0.813 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Instrument : MSVOA_U
ClientSampleId : GB1J1DL

Tgt Ion: 83 Resp: 11690

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	2.4	36.6	54.8#

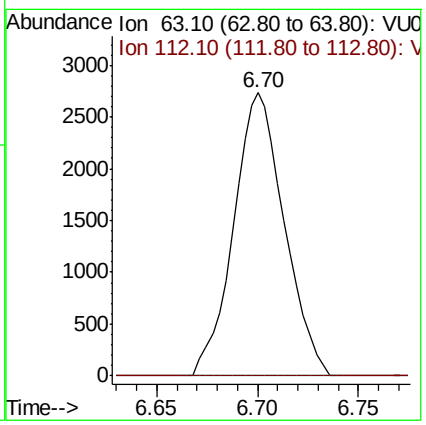


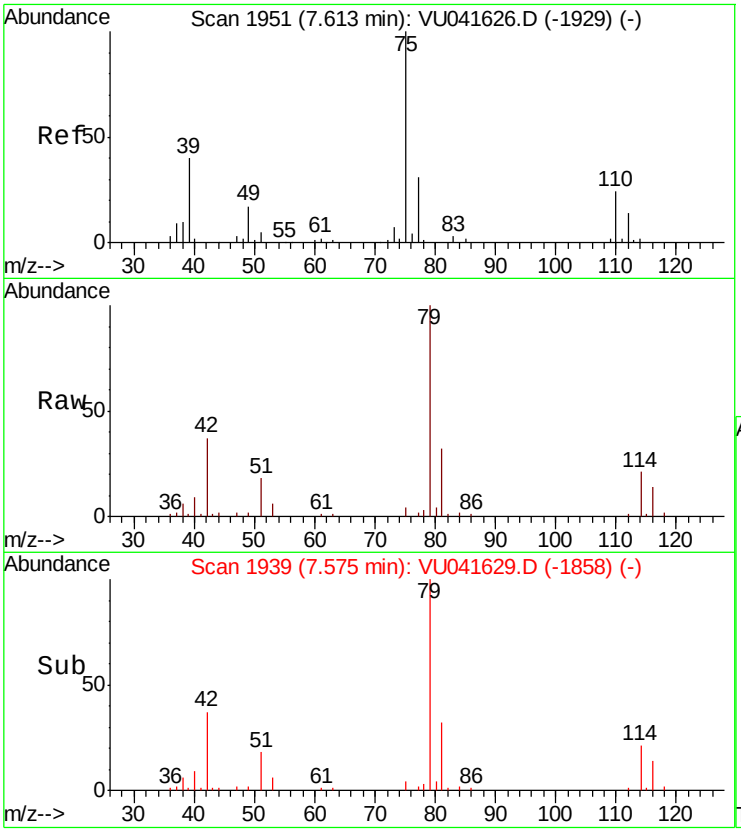


#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Tgt Ion: 63 Resp: 4787

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



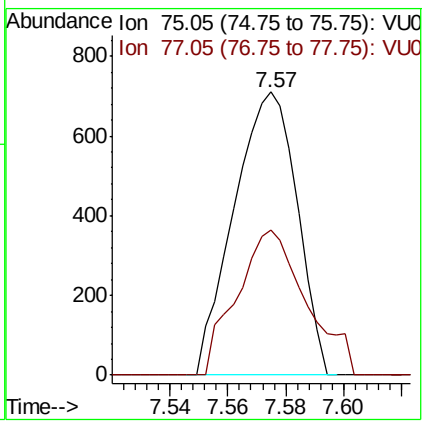


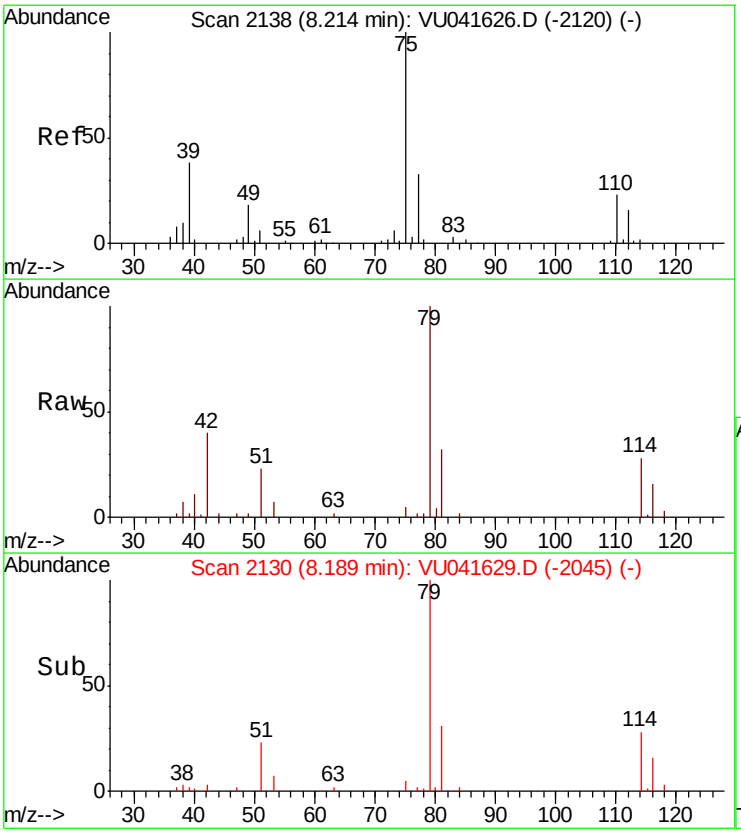
#39
cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Instrument :
MSVOA_U
ClientSampleId :
GB1J1DL

Tgt Ion: 75 Resp: 1072

Ion	Ratio	Lower	Upper
75	100		
77	51.4	22.3	41.3#

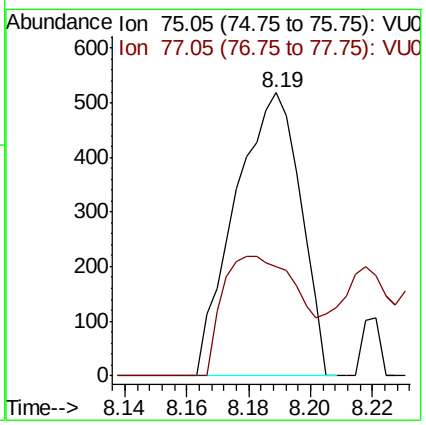


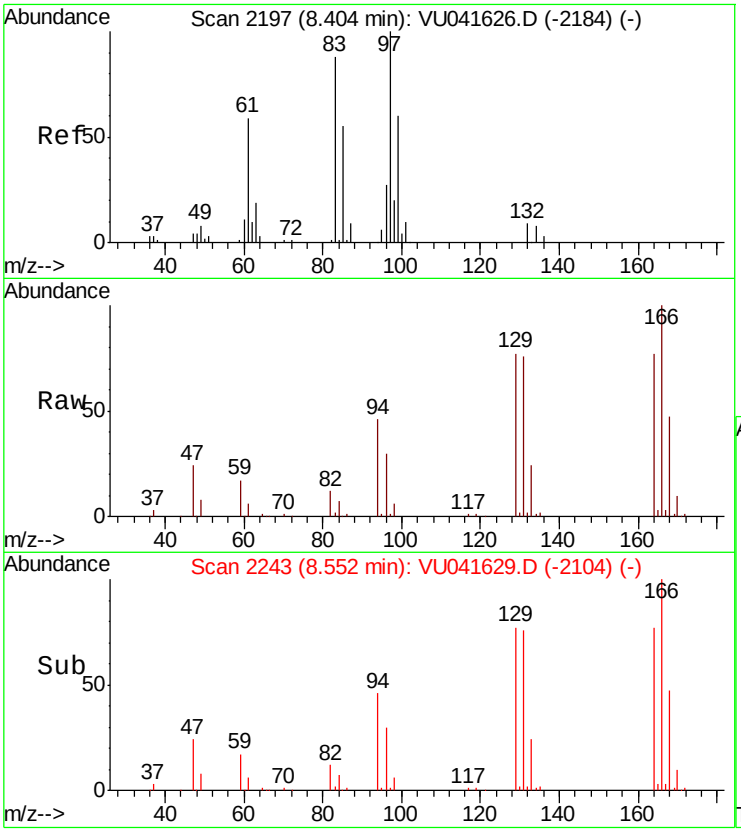


#44
trans-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Tgt Ion: 75 Resp: 759

Ion	Ratio	Lower	Upper
75	100		
77	38.4	23.8	44.2



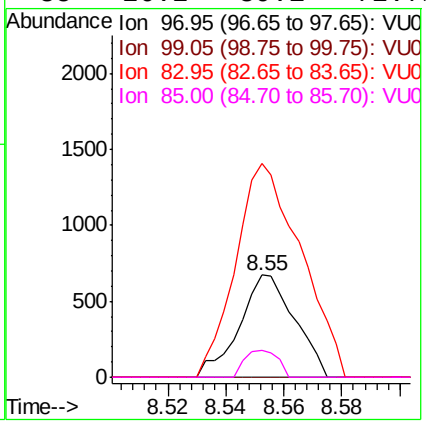


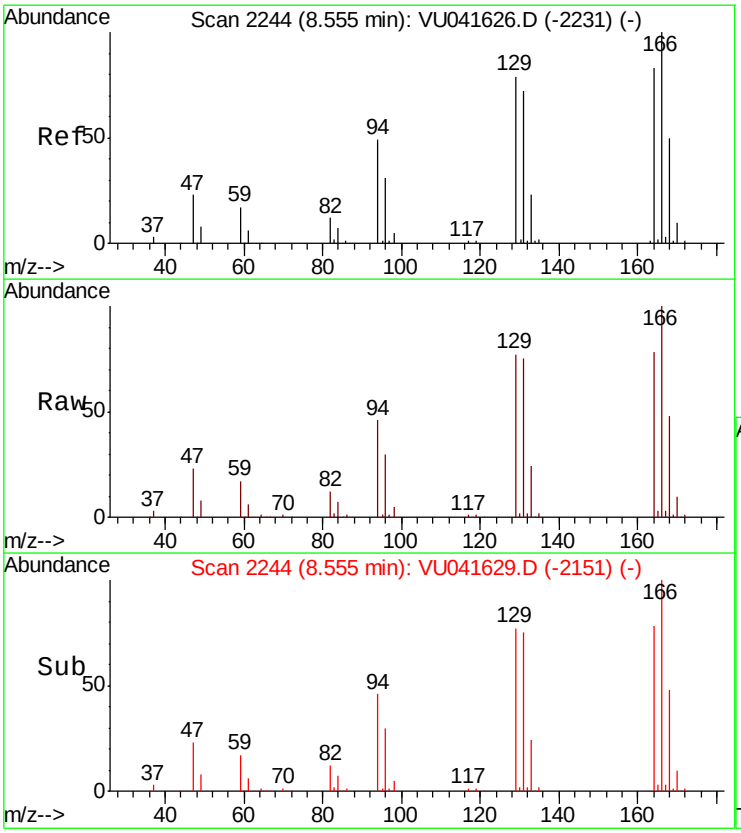
#45
1,1,2-Trichloroethane
Concen: 0.133 ug/L
RT: 8.55 min Scan# 2243
Delta R.T. 0.15 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Instrument : MSVOA_U
ClientSampleId : GB1J1DL

Tgt Ion: 97 Resp: 889

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.1	78.3#
83	209.2	62.6	116.2#
85	26.2	39.1	72.7#

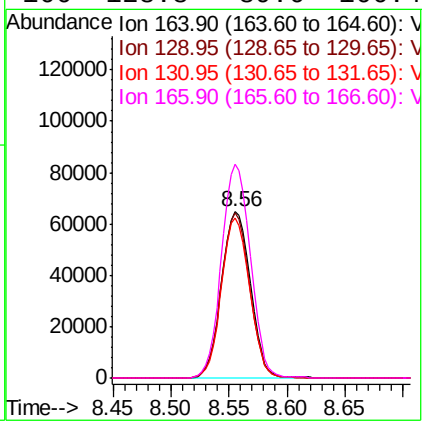


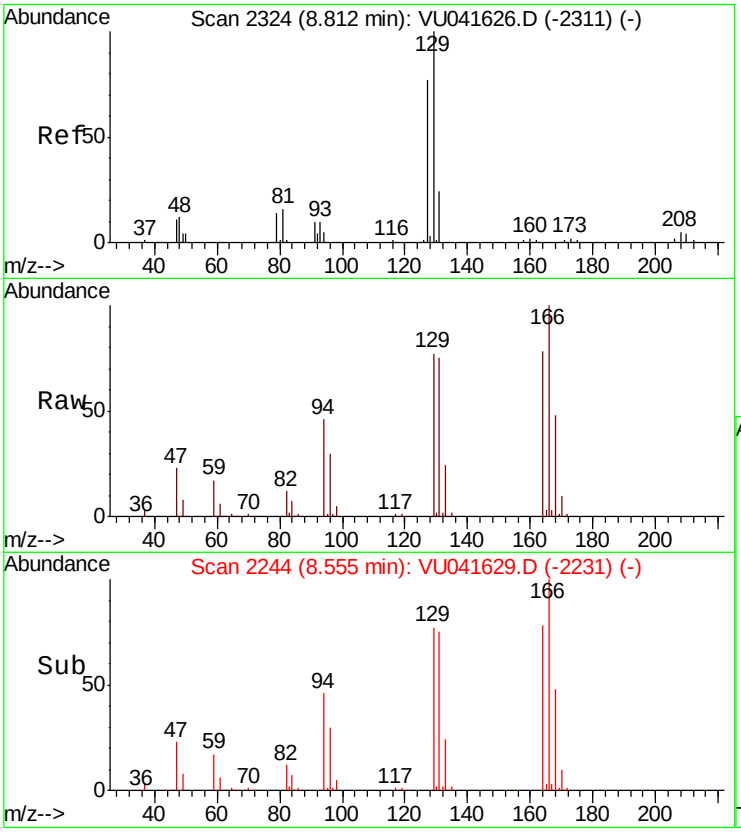


#47
Tetrachloroethene
Concen: 17.944 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Tgt Ion:164 Resp: 111770

Ion	Ratio	Lower	Upper
164	100		
129	99.4	72.2	134.0
131	96.1	66.9	124.3
166	128.8	89.6	166.4



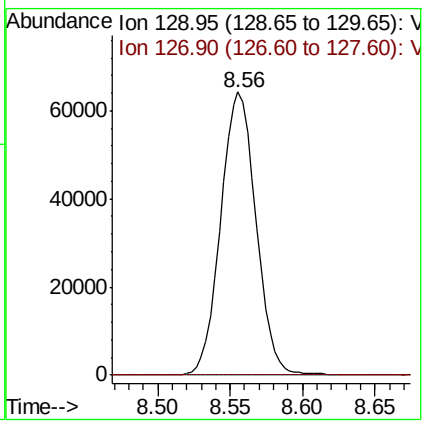


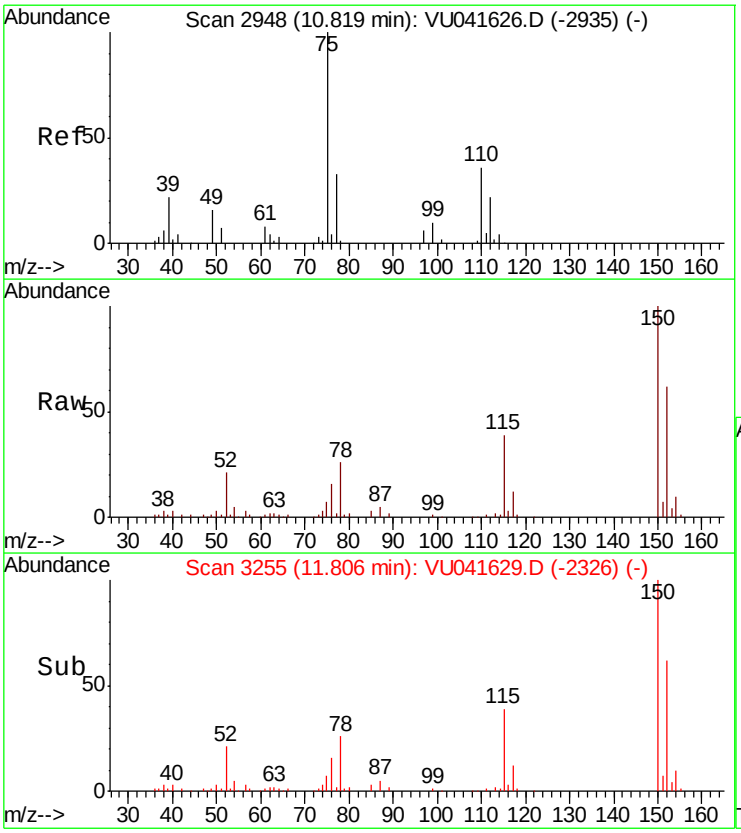
#49
Dibromochloromethane
Concen: 13.942 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Instrument : MSVOA_U
ClientSampleId : GB1J1DL

Tgt Ion:129 Resp: 107264

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#59
1,2,3-Trichloropropane
Concen: 0.809 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041629.D
Acq: 15 Dec 2020 11:26

Tgt Ion: 75 Resp: 5501

Ion	Ratio	Lower	Upper
75	100		
77	33.8	26.2	39.2