Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122520\
Data File : VU041808.D
Acq On : 24 Dec 2020 15:54
Operator : SY/MD
Sample : L5161-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Dec 25 03:48:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 25 03:47:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129212	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55561	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	38487	3.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.20%			
7) Chloroethane-d5	1.92	69	39943	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.20%			
11) 1,1-Dichloroethene-d2	2.57	63	58883	3.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.40%			
20) 2-Butanone-d5	4.66	46	140620	48.46	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.92%			
24) Chloroform-d	5.08	84	82552	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.72	65	47327	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.74	84	157381	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.70	67	50879	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.90	98	126290	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%			
43) trans-1,3-Dichloropropene-	8.19	79	20828	4.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.80%			
46) 2-Hexanone-d5	8.64	63	122621	44.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.16%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49155	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	49969	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	711	0.067	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	491	0.055	ug/L #	22
16) Methylene chloride	3.05	84	2028	0.194	ug/L	92
27) 1,2-Dichloroethane	5.75	62	841	0.073	ug/L #	73
33) Benzene	5.74	78	1003	0.025	ug/L	100
35) Methylcyclohexane	6.70	83	11747	0.725	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5652	0.554	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1090	0.072	ug/L #	80
44) trans-1,3-Dichloropropene	8.19	75	894	0.066	ug/L	91
48) 2-Hexanone	8.64	43	13491	2.555	ug/L #	64
59) 1,2,3-Trichloropropane	11.81	75	5833	0.762	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.76	75	136	0.087	ug/L #	8

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

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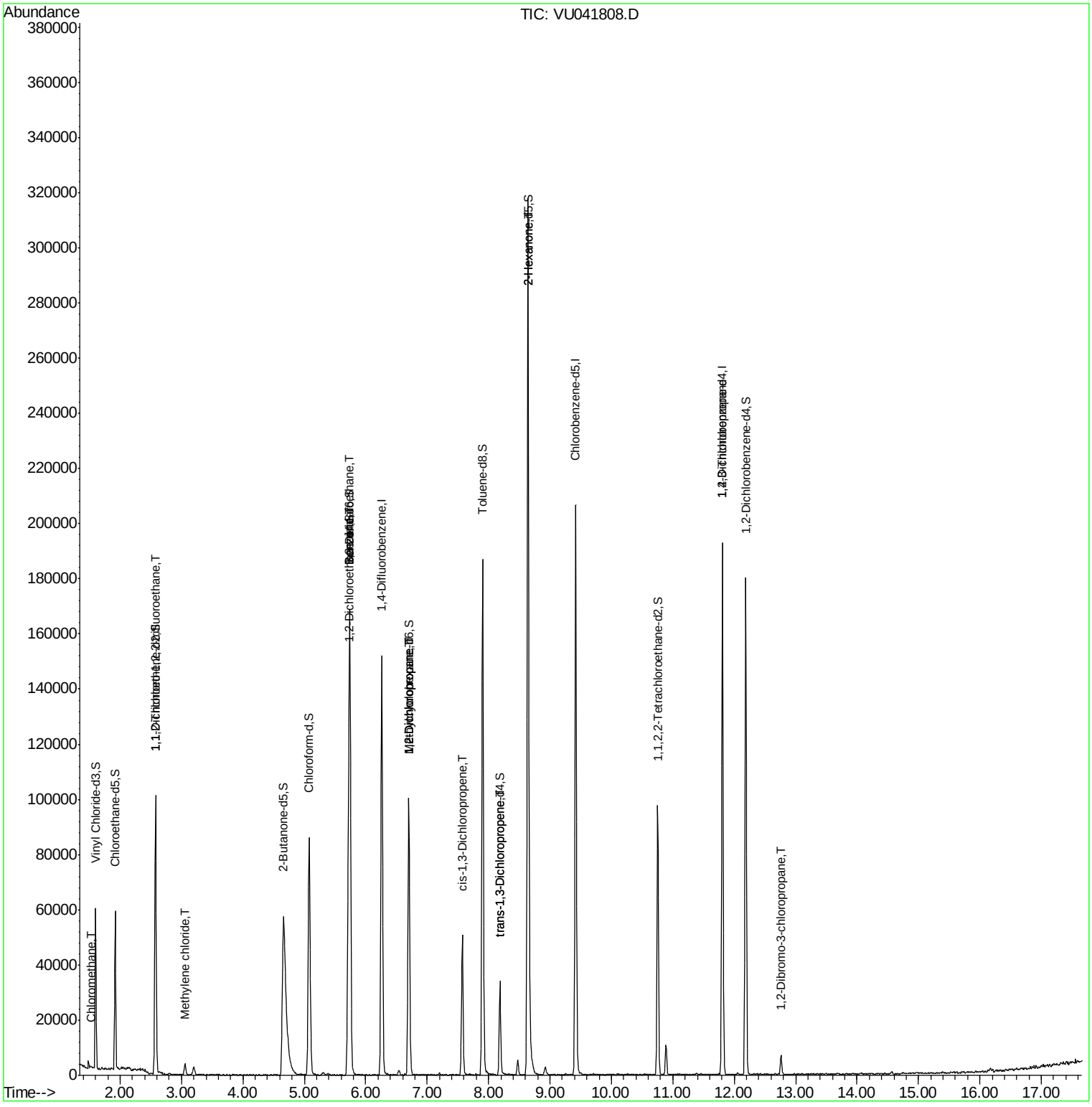
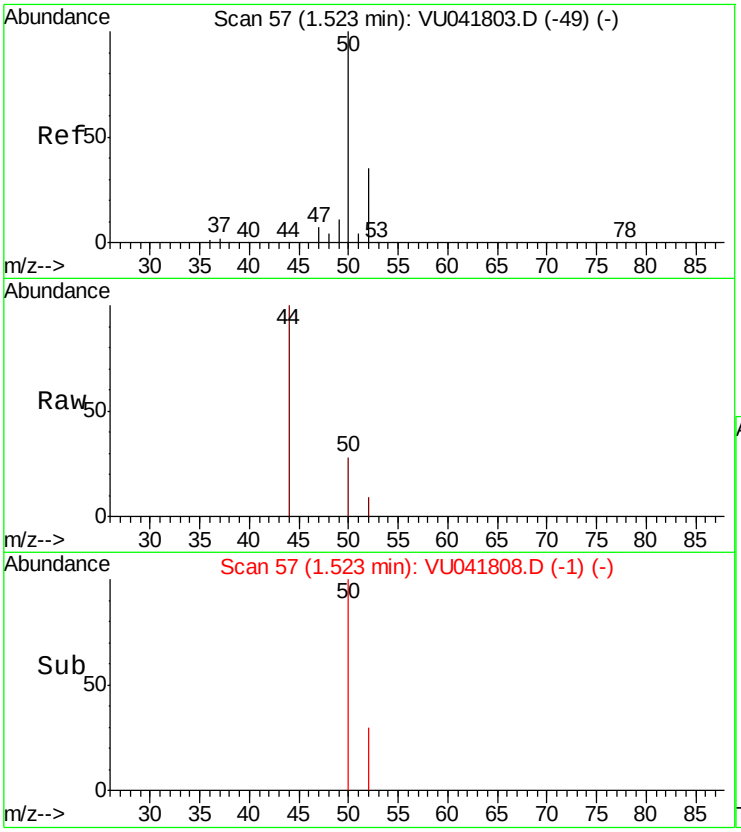
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 25 03:47:04 2020
Response via : Initial Calibration



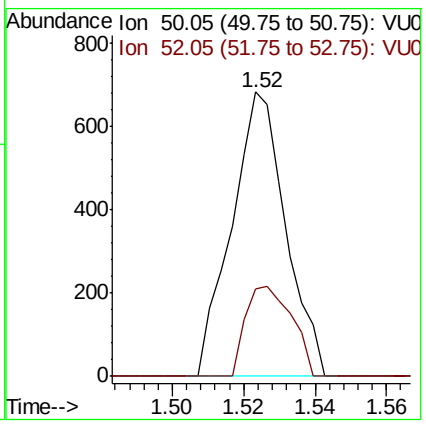


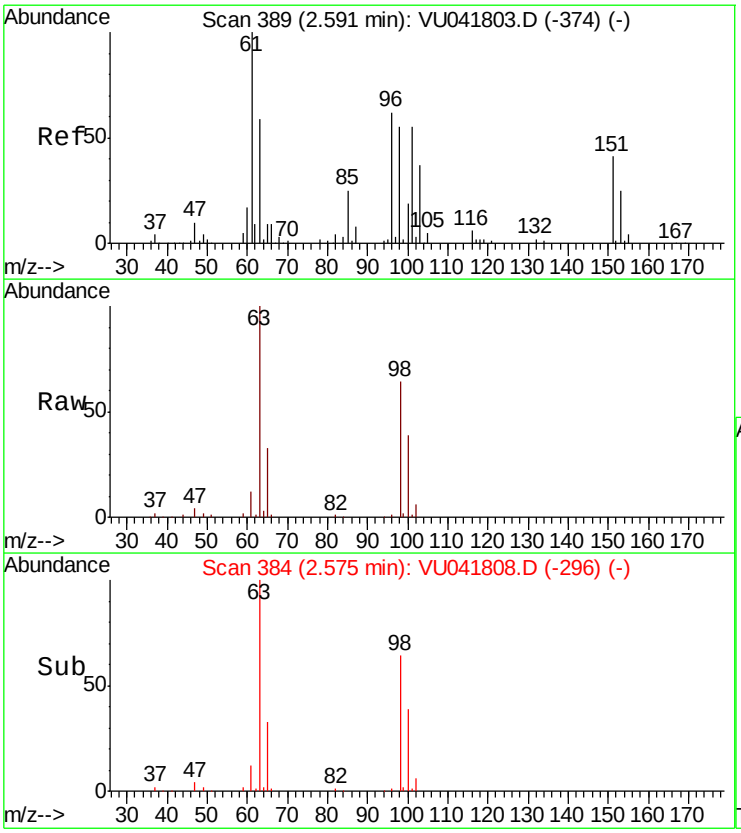
#3
Chloromethane
Concen: 0.067 ug/L
RT: 1.52 min Scan# 57
Delta R.T. 0.00 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 50 Resp: 711

Ion	Ratio	Lower	Upper
50	100		
52	30.4	24.1	44.8

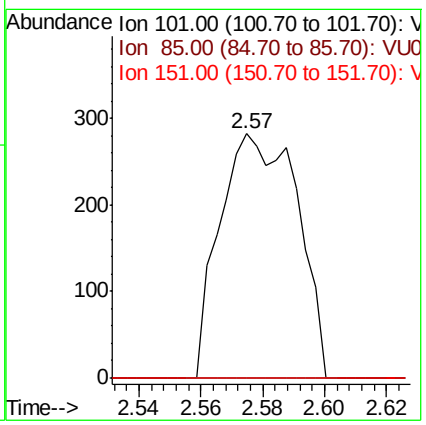


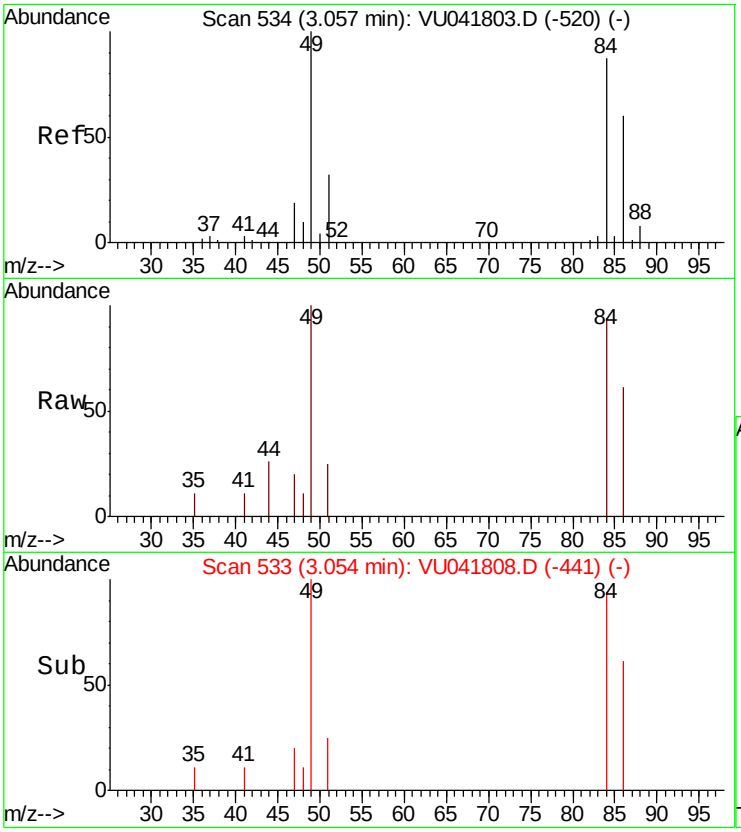


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Tgt Ion:101 Resp: 491

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



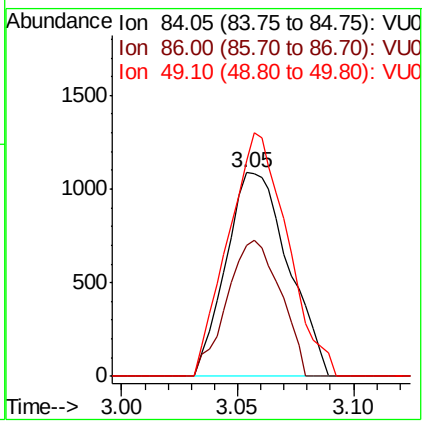


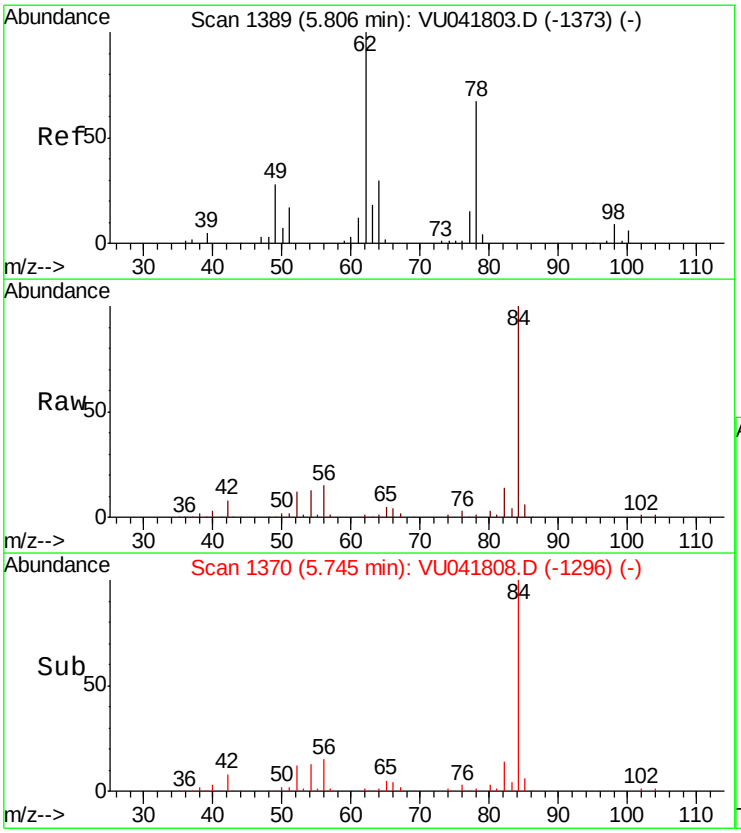
#16
Methylene chloride
Concen: 0.194 ug/L
RT: 3.05 min Scan# 533
Delta R.T. -0.00 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 84 Resp: 2028

Ion	Ratio	Lower	Upper
84	100		
86	64.2	45.1	83.7
49	105.9	83.1	154.3

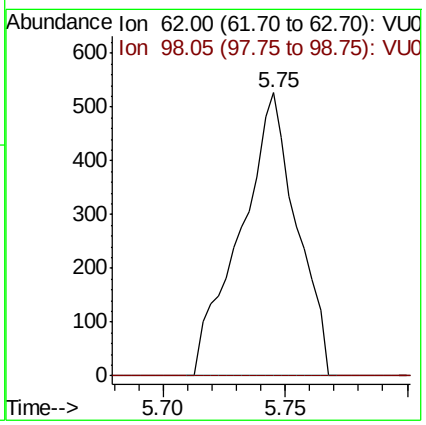


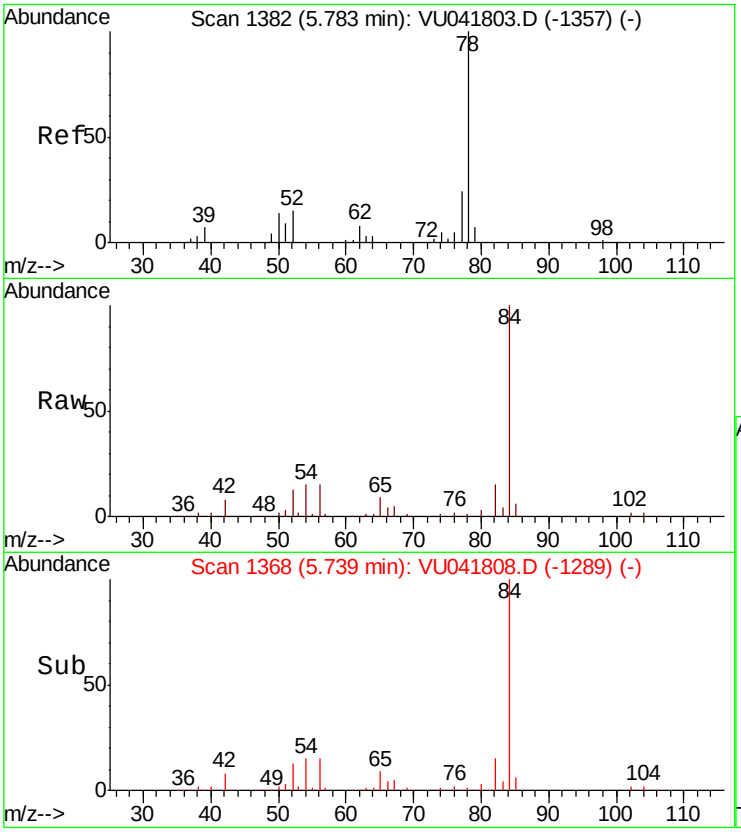


#27
1,2-Dichloroethane
Concen: 0.073 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Tgt Ion: 62 Resp: 841

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.2#

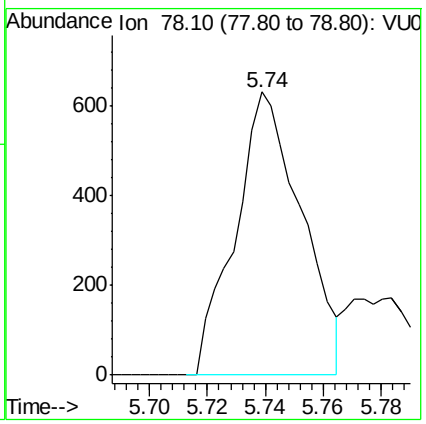


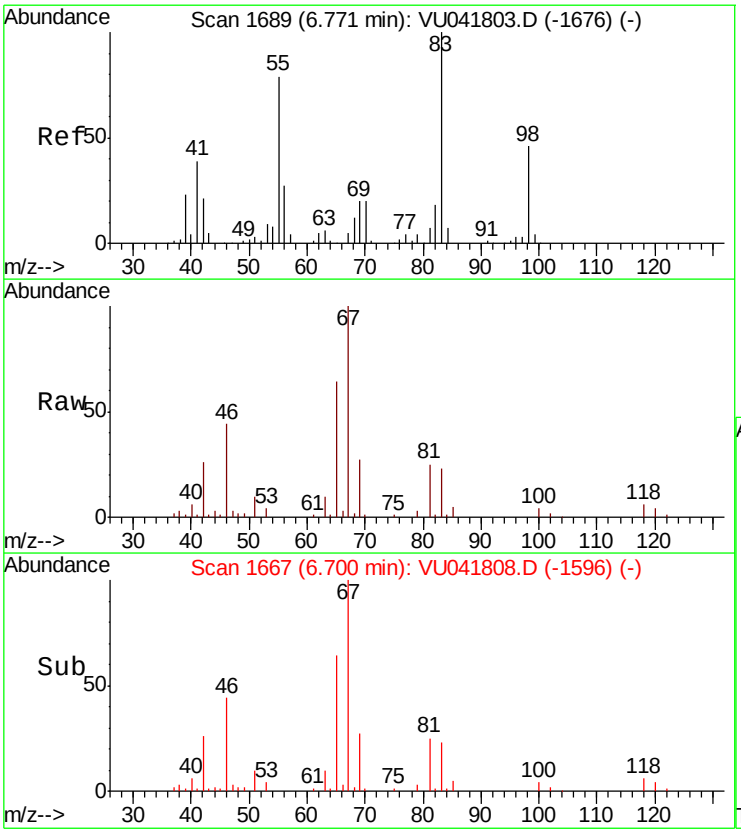


#33
Benzene
Concen: 0.025 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 78 Resp: 1003

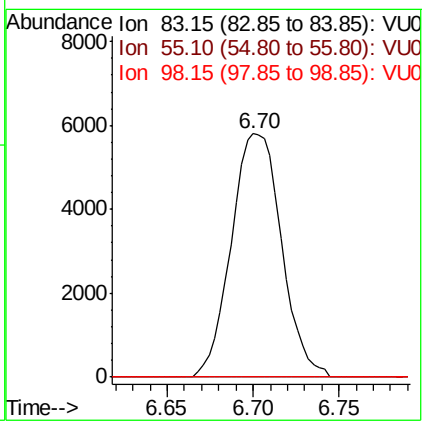


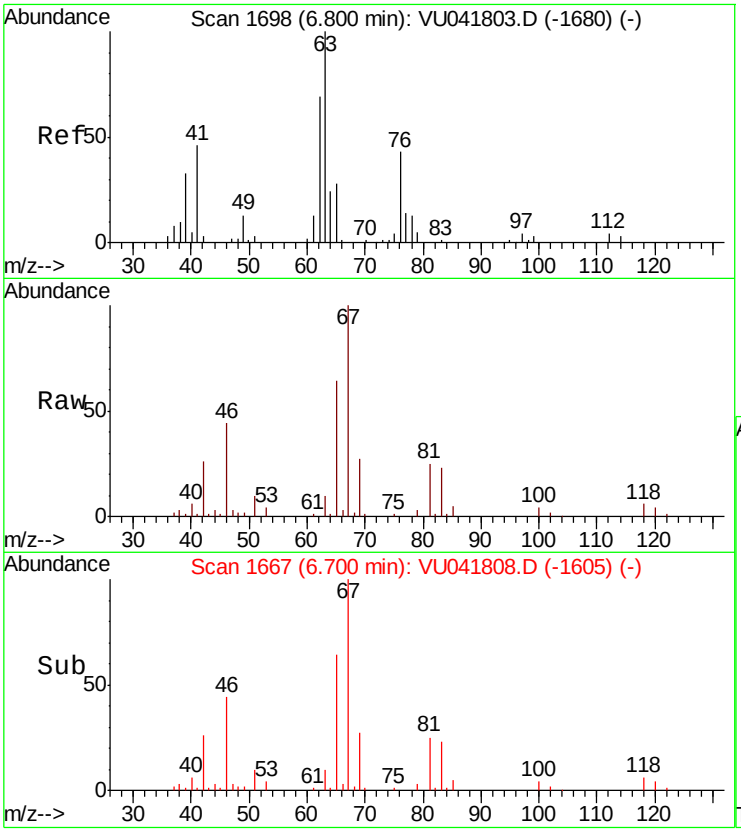


#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Tgt Ion: 83 Resp: 11747

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	1.8	36.6	54.8#



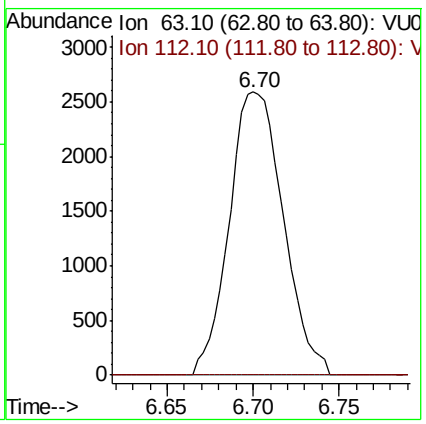


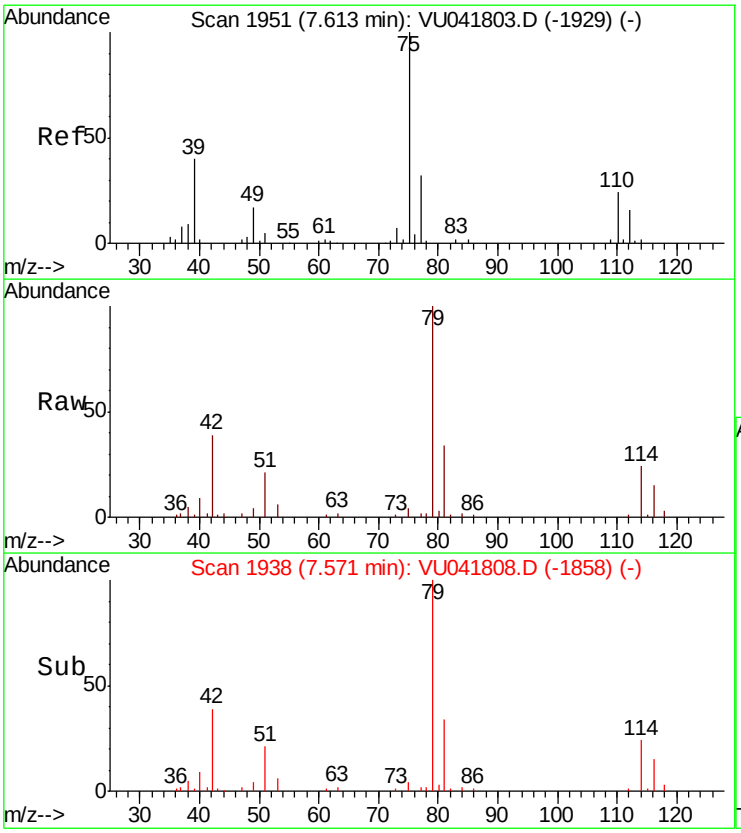
#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 63 Resp: 5652

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

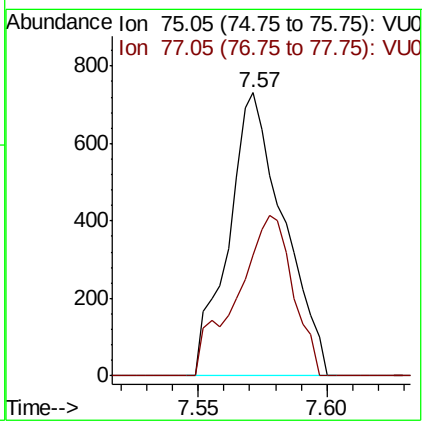


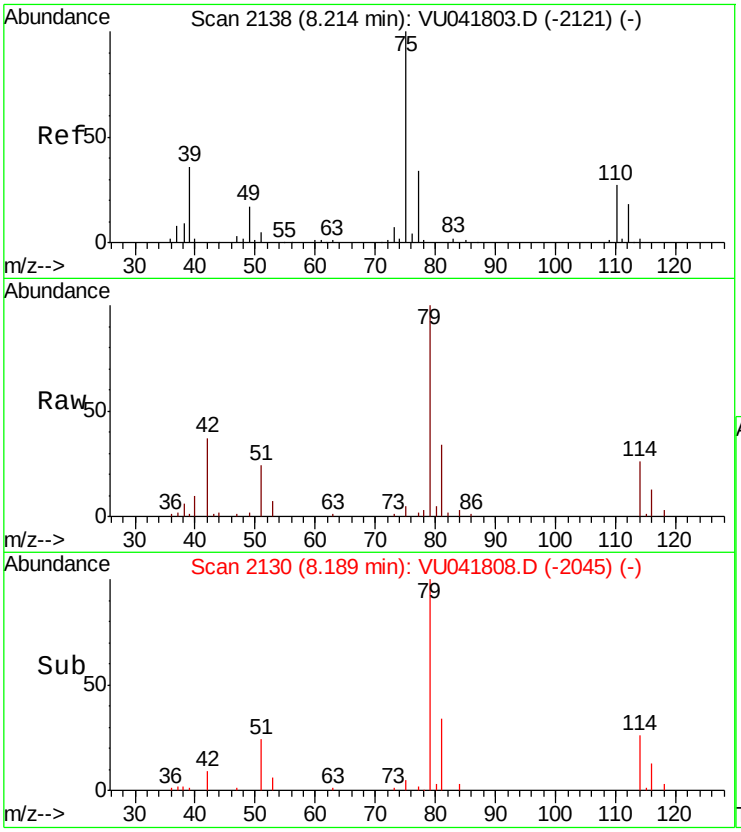


#39
cis-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Tgt Ion: 75 Resp: 1090

Ion	Ratio	Lower	Upper
75	100		
77	42.7	22.3	41.3#



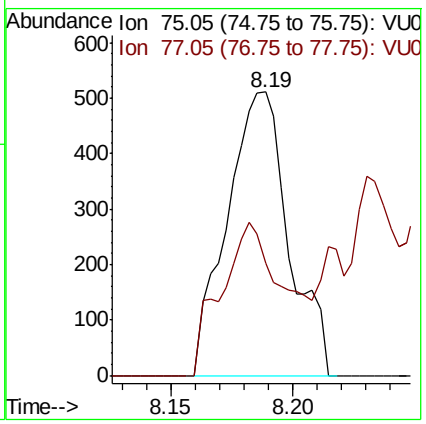


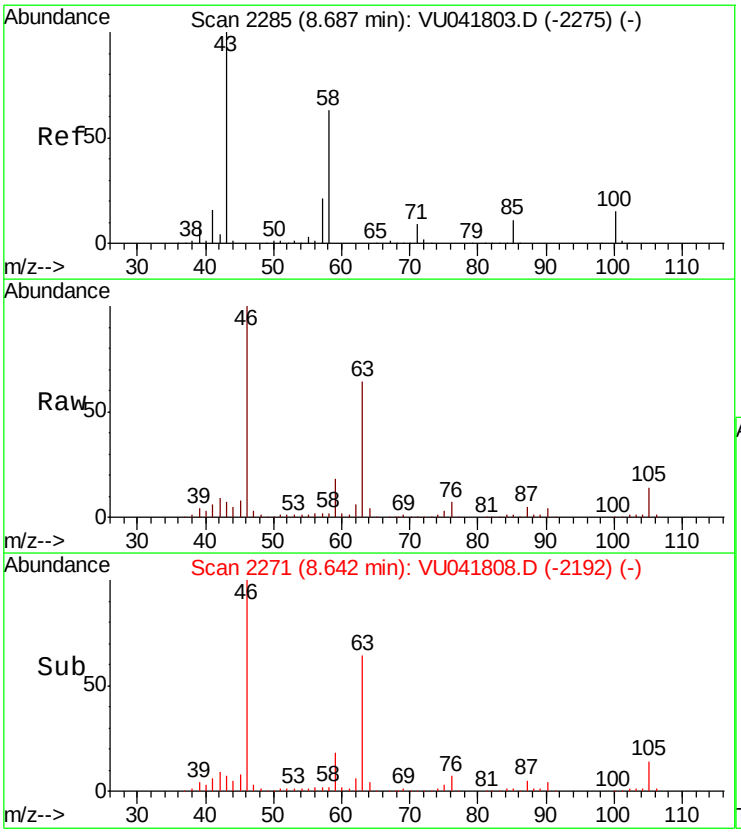
#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 75 Resp: 894

Ion	Ratio	Lower	Upper
75	100		
77	39.3	23.8	44.2

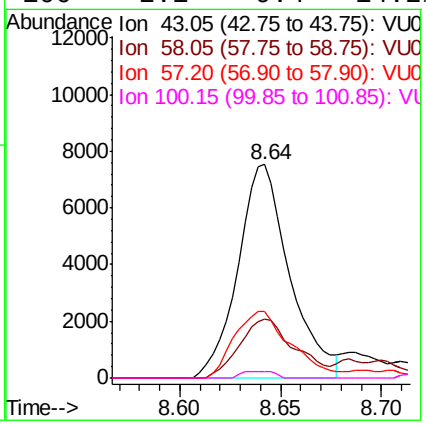


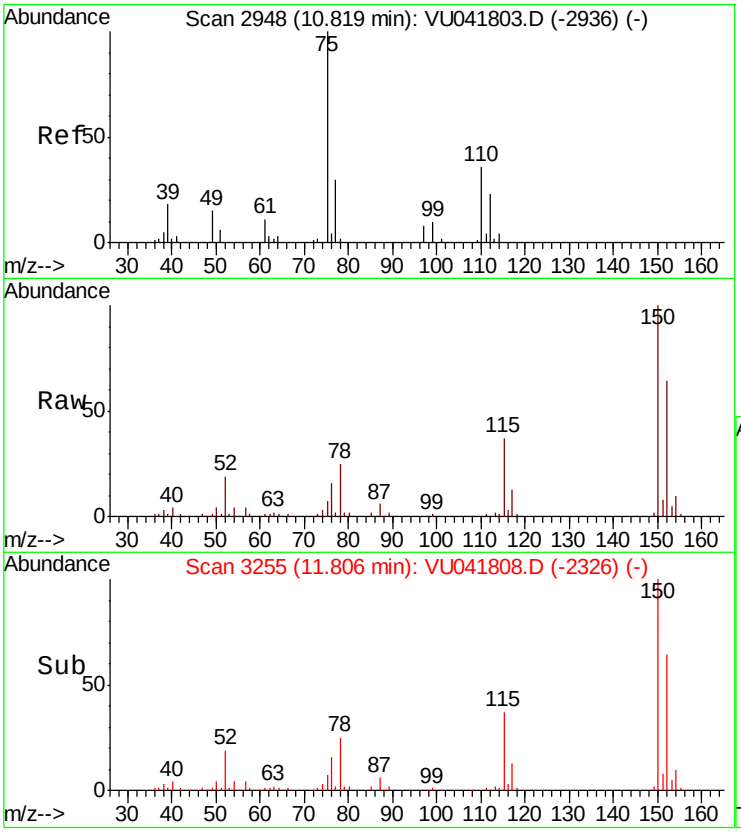


#48
2-Hexanone
Concen: 2.555 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.04 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Tgt Ion: 43 Resp: 13491

Ion	Ratio	Lower	Upper
43	100		
58	29.6	47.9	71.9#
57	33.8	16.5	24.7#
100	2.1	9.4	14.2#



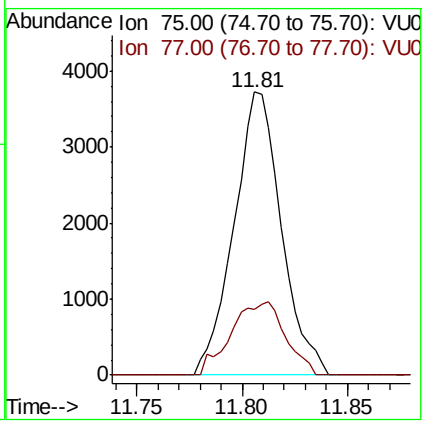


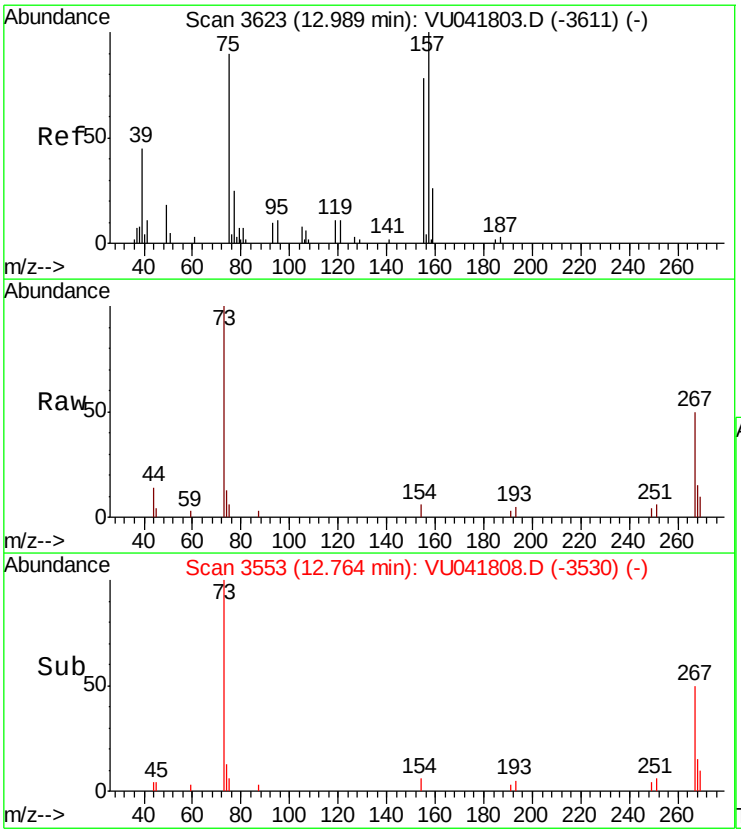
#59
1,2,3-Trichloropropane
Concen: 0.762 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 5833

Ion	Ratio	Lower	Upper
75	100		
77	29.7	26.2	39.2





#66
1,2-Dibromo-3-chloropropane
Concen: 0.087 ug/L
RT: 12.76 min Scan# 3553
Delta R.T. -0.22 min
Lab File: VU041808.D
Acq: 24 Dec 2020 15:54

Tgt Ion: 75 Resp: 136

Ion	Ratio	Lower	Upper
75	100		
155	0.0	57.4	86.0#
157	0.0	72.4	108.6#