Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041298.D
Acq On : 18 Nov 2020 00:14
Operator : SY/MD
Sample : L4759-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4415DL

Quant Time: Nov 18 00:54:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	65334	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67060	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27641	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	22594	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.92	69	20755	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.00%			
11) 1,1-Dichloroethene-d2	2.58	63	36212	3.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.00%			
20) 2-Butanone-d5	4.66	46	96161	48.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.06%			
24) Chloroform-d	5.08	84	49792	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.72	65	32412	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.74	84	86520	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.70	67	30408	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.91	98	71123	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.60%			
43) trans-1,3-Dichloropropene-	8.19	79	11429	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.64	63	62893	43.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.82%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27011	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	26506	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	1111	0.191	ug/L #	43
5) Vinyl chloride	1.61	62	6531	1.151	ug/L #	1
8) Chloroethane	1.97	64	263	0.070	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	277	0.058	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	287	0.067	ug/L #	1
16) Methylene chloride	3.06	84	2084	0.391	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	24191	2.078	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	15621	3.771	ug/L	94
19) 1,1-Dichloroethane	3.89	63	2471	0.267	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	52088	11.135	ug/L	98
27) 1,2-Dichloroethane	5.75	62	448	0.062	ug/L #	74
33) Benzene	5.79	78	1202	0.066	ug/L	100
34) Trichloroethene	6.56	95	32774	6.673	ug/L	99
35) Methylcyclohexane	6.70	83	6919	1.060	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3360	0.633	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	668	0.090	ug/L #	48
44) trans-1,3-Dichloropropene	8.19	75	551	0.079	ug/L #	69

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041298.D
Acq On : 18 Nov 2020 00:14
Operator : SY/MD
Sample : L4759-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4415DL

Quant Time: Nov 18 00:54:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Tetrachloroethene	8.55	164	402	0.111	ug/L		93
49) Dibromochloromethane	8.56	129	548	0.113	ug/L	#	11
59) 1,2,3-Trichloropropane	11.81	75	3597	0.859	ug/L	#	86

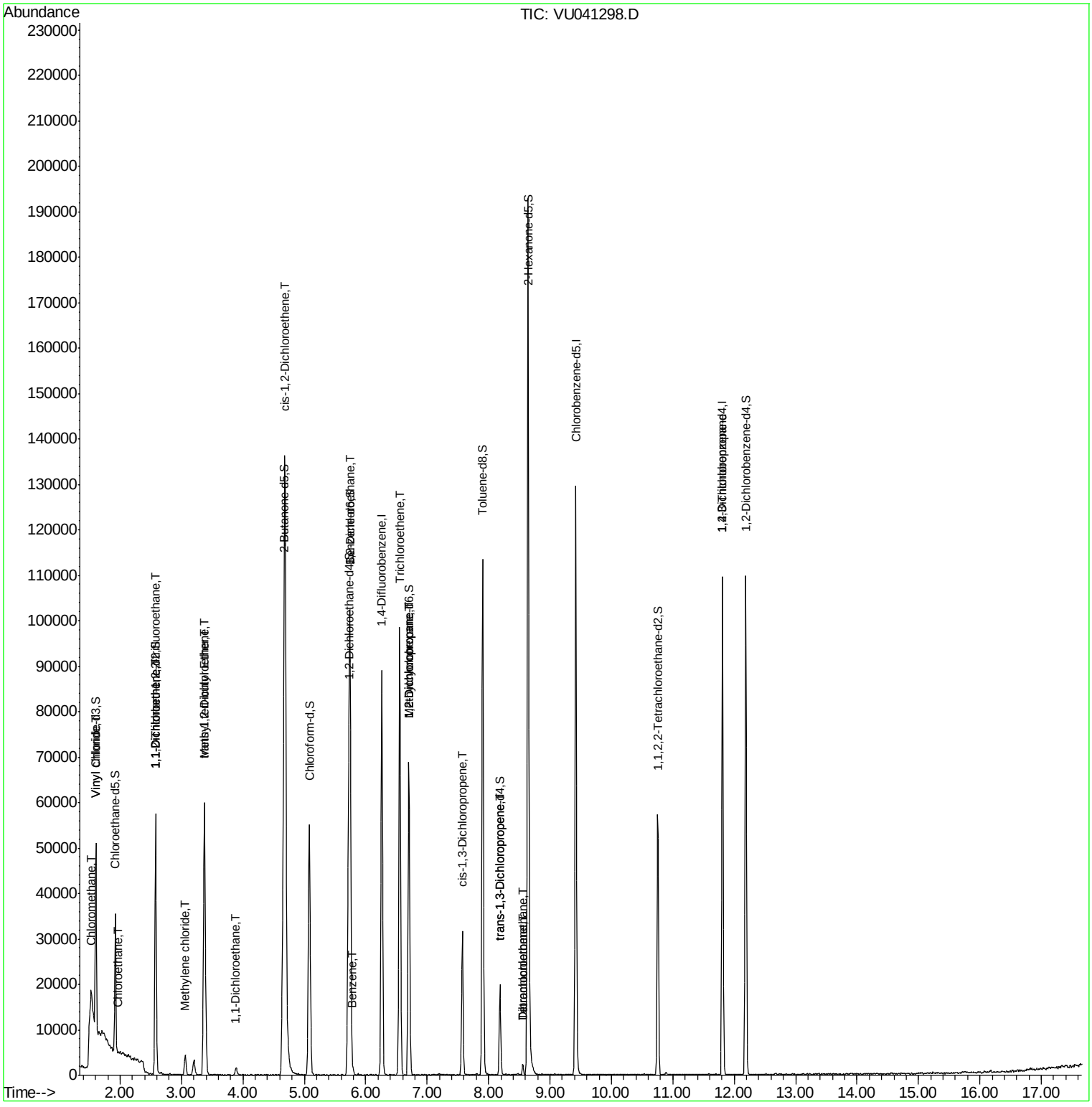
(#) = qualifier out of range (m) = manual integration (+) = signals summed

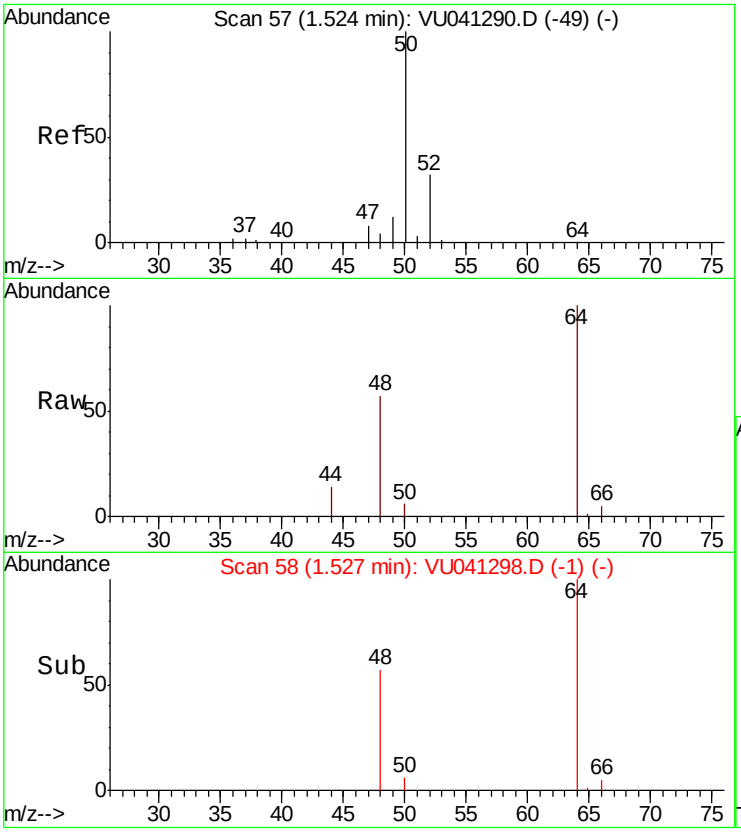
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041298.D
Acq On : 18 Nov 2020 00:14
Operator : SY/MD
Sample : L4759-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4415DL

Quant Time: Nov 18 00:54:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration



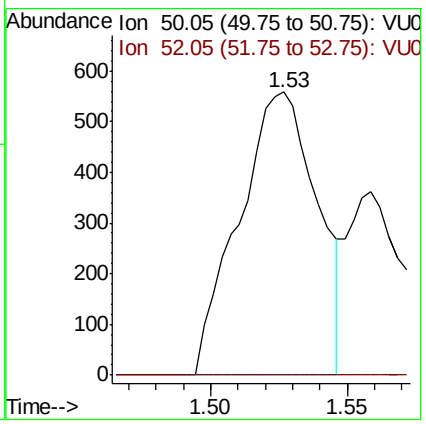


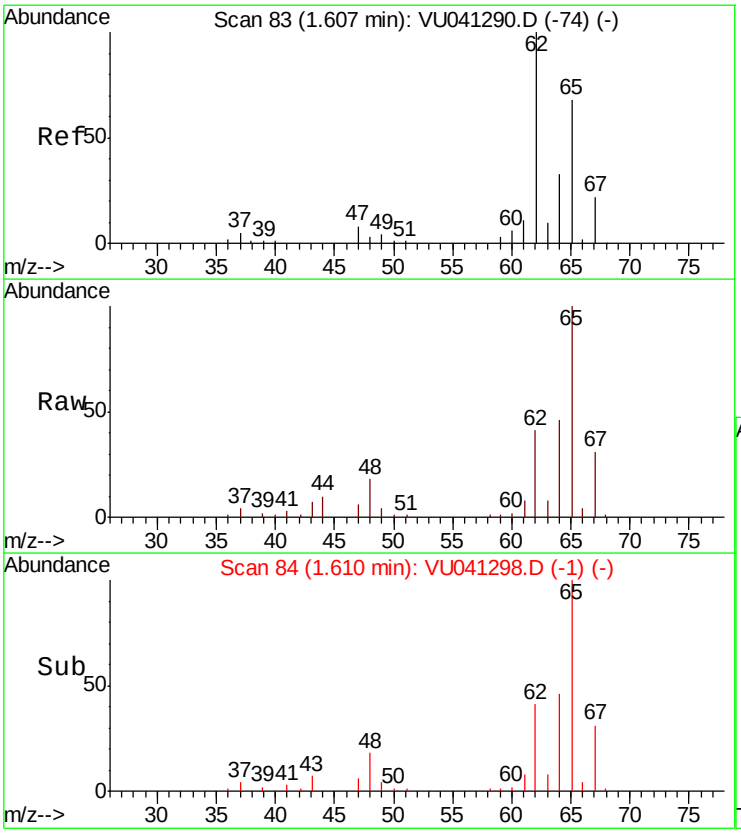
#3
Chloromethane
Concen: 0.191 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Instrument :
MSVOA_U
ClientSampleId :
H4415DL

Tgt Ion: 50 Resp: 1111

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.4	41.6#

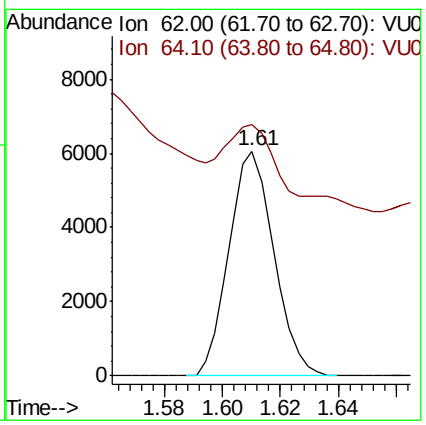


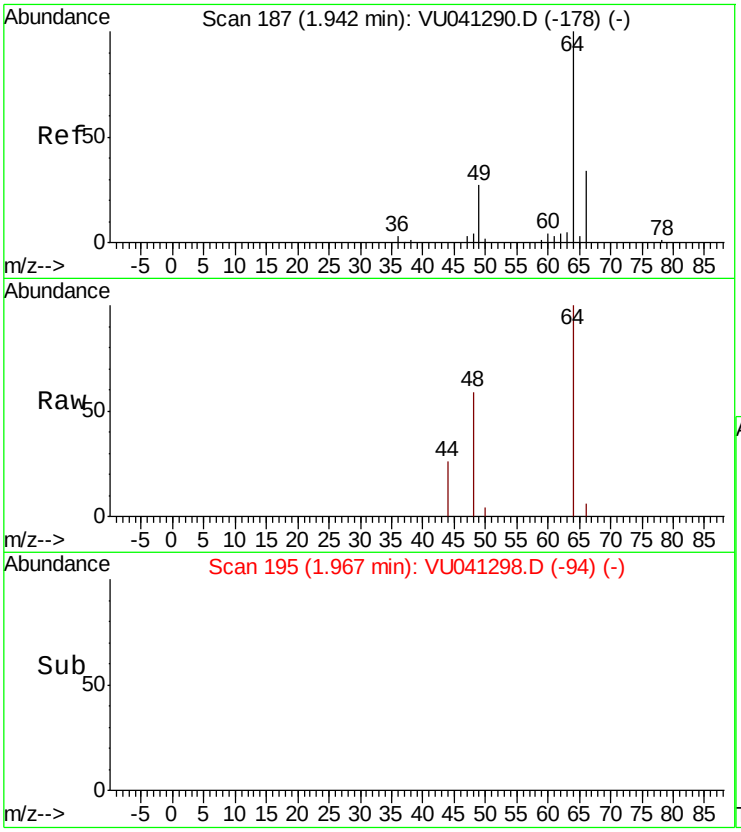


#5
Vinyl chloride
Concen: 1.151 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Tgt Ion: 62 Resp: 6531

Ion	Ratio	Lower	Upper
62	100		
64	111.8	22.7	42.3#



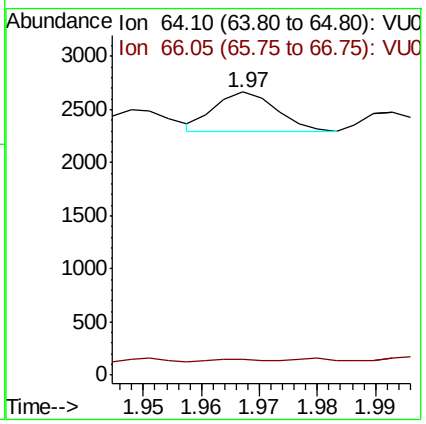


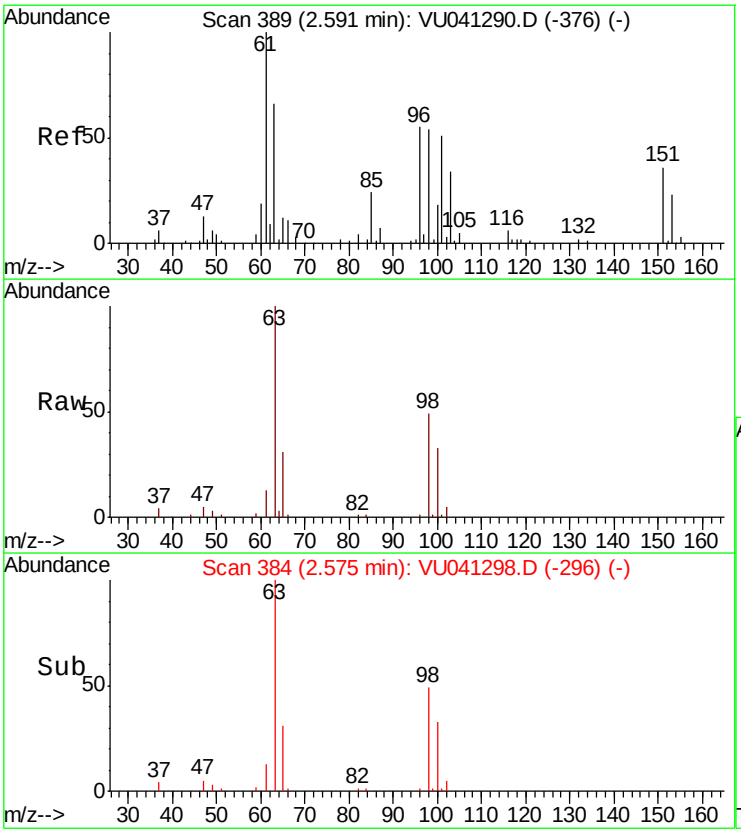
#8
Chloroethane
Concen: 0.070 ug/L
RT: 1.97 min Scan# 195
Delta R.T. 0.03 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Instrument :
MSVOA_U
ClientSampleId :
H4415DL

Tgt Ion: 64 Resp: 263

Ion	Ratio	Lower	Upper
64	100		
66	5.6	22.3	41.5#

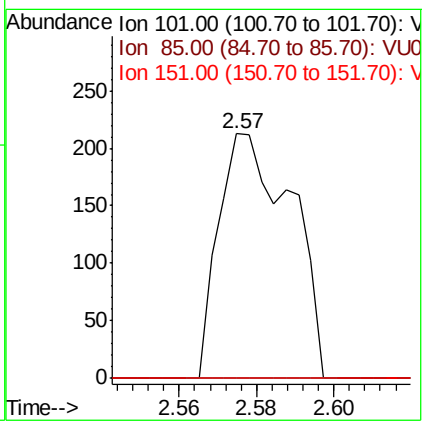


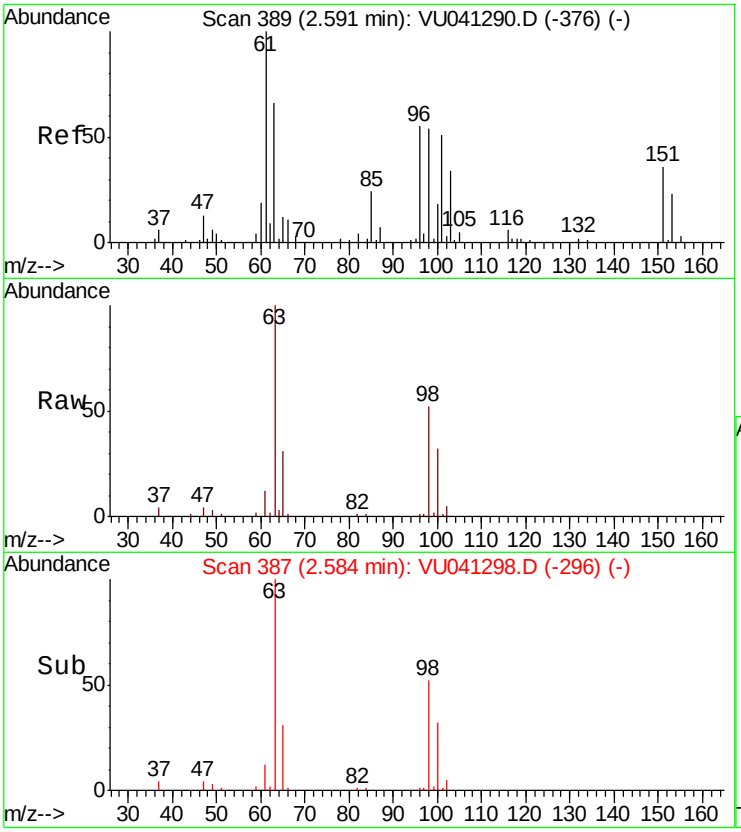


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Tgt Ion:101 Resp: 277

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.0	52.4#
151	0.0	55.3	82.9#



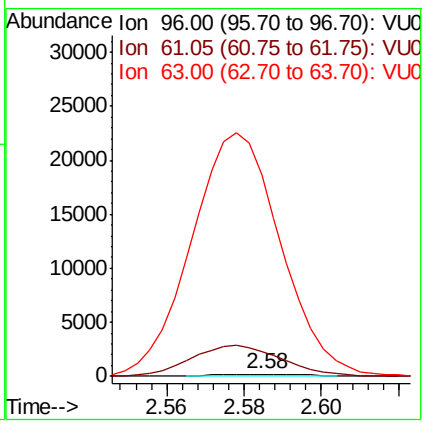


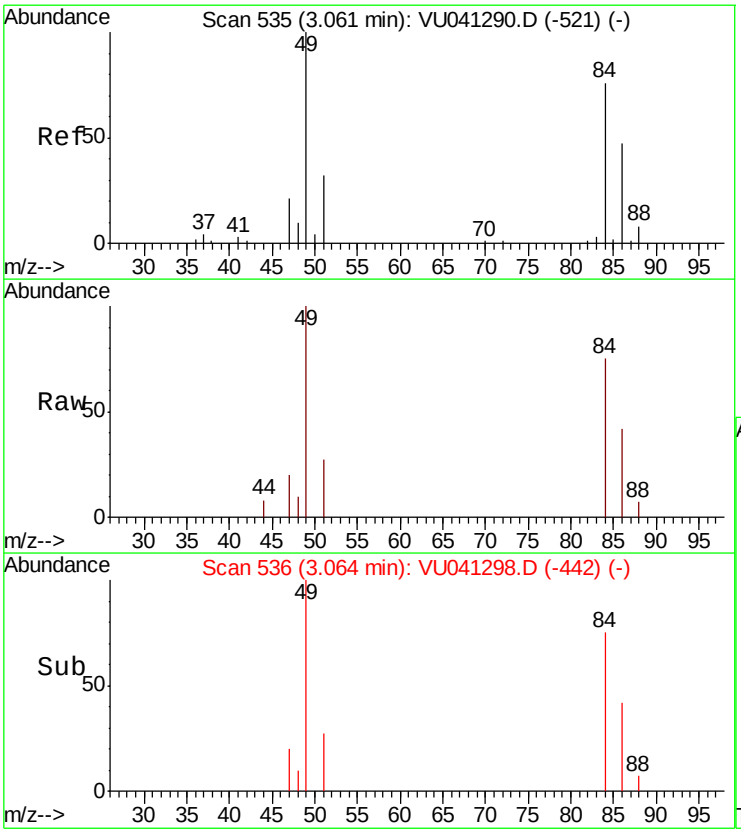
#12
1,1-Dichloroethene
Concen: 0.067 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Instrument : MSVOA_U
ClientSampleId : H4415DL

Tgt Ion: 96 Resp: 287

Ion	Ratio	Lower	Upper
96	100		
61	1096.7	134.3	249.5#
63	8895.2	95.0	176.4#

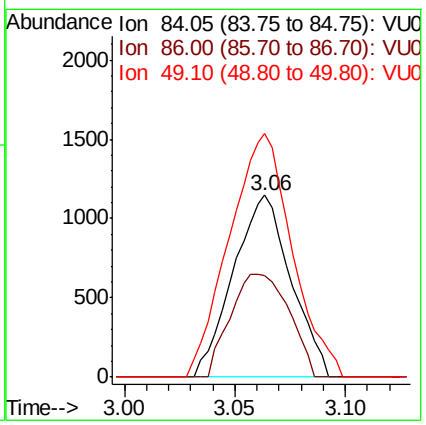


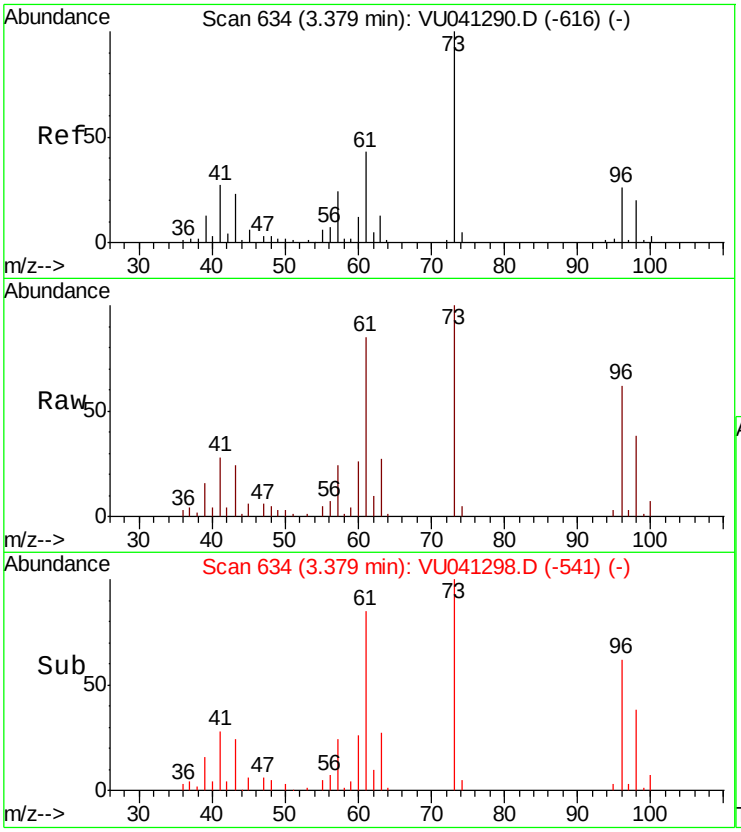


#16
Methylene chloride
Concen: 0.391 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Tgt Ion: 84 Resp: 2084

Ion	Ratio	Lower	Upper
84	100		
86	55.8	42.8	79.6
49	133.9	99.5	184.7



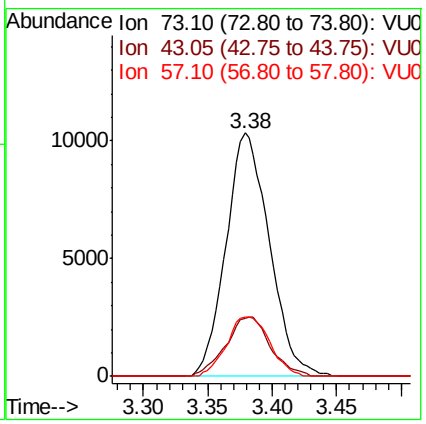


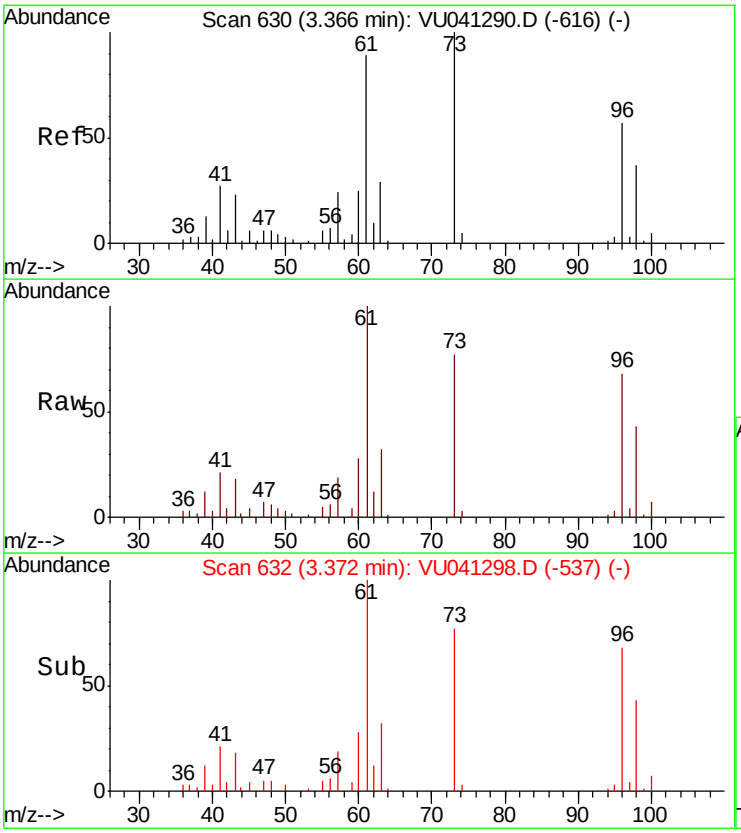
#17
Methyl tert-butyl Ether
Concen: 2.078 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Instrument : MSVOA_U
ClientSampleId : H4415DL

Tgt Ion: 73 Resp: 24191

Ion	Ratio	Lower	Upper
73	100		
43	24.9	18.5	27.7
57	24.1	18.4	27.6

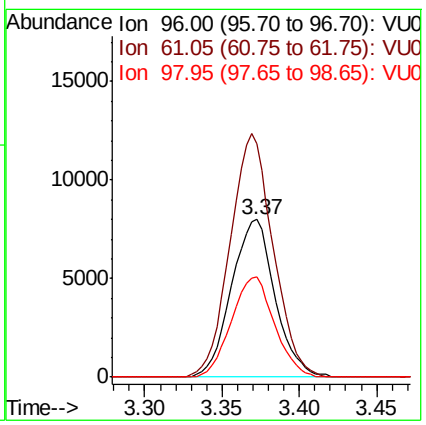


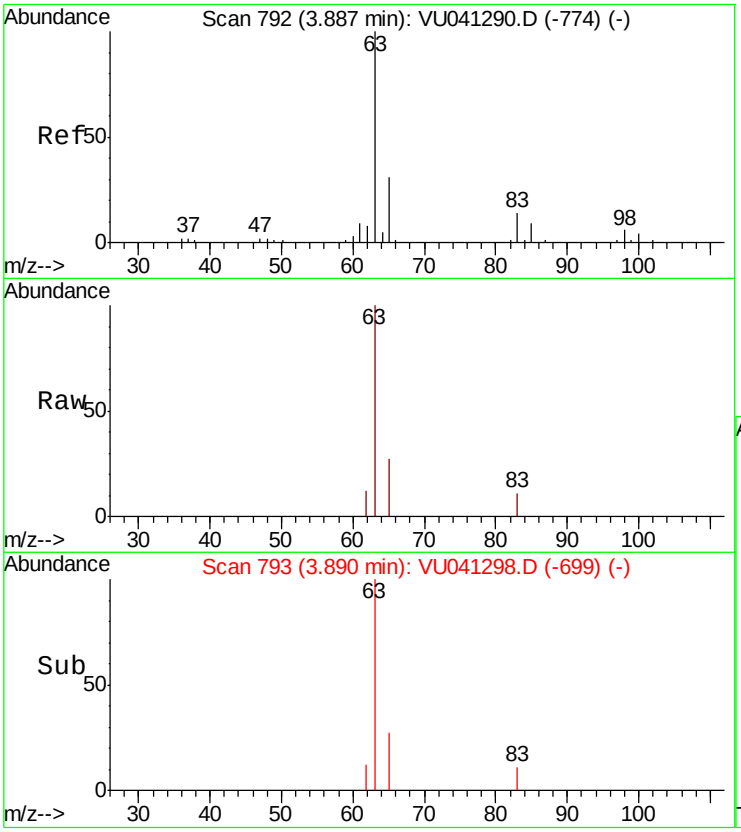


#18
trans-1,2-Dichloroethene
Concen: 3.771 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Tgt Ion: 96 Resp: 15621

Ion	Ratio	Lower	Upper
96	100		
61	148.1	110.9	205.9
98	63.3	45.4	84.2



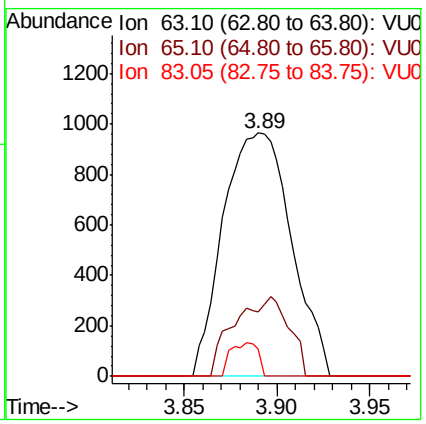


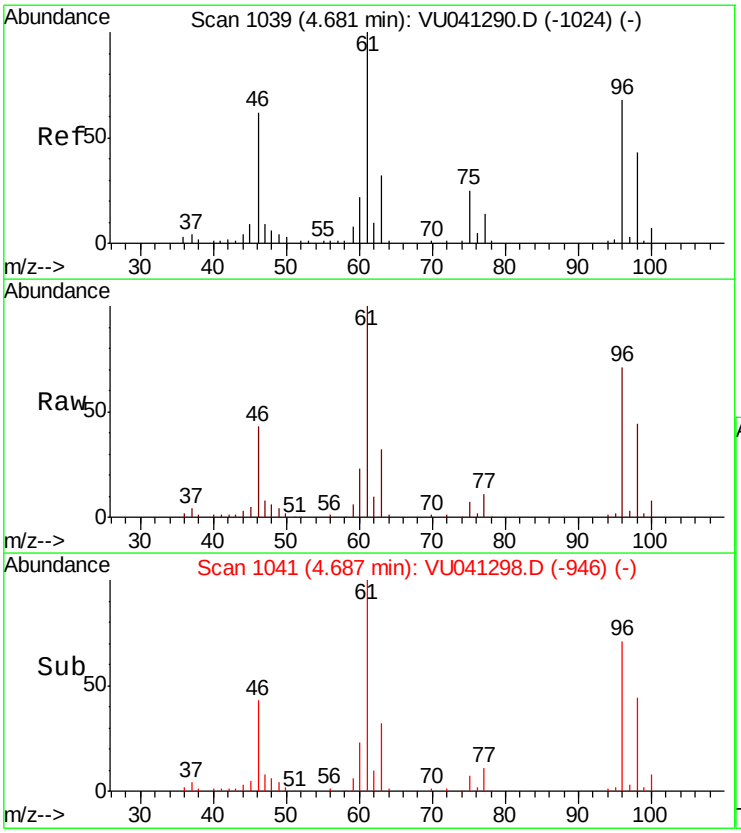
#19
1,1-Dichloroethane
Concen: 0.267 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Instrument : MSVOA_U
ClientSampleId : H4415DL

Tgt Ion: 63 Resp: 2471

Ion	Ratio	Lower	Upper
63	100		
65	26.5	21.3	39.6
83	11.0	8.8	16.3

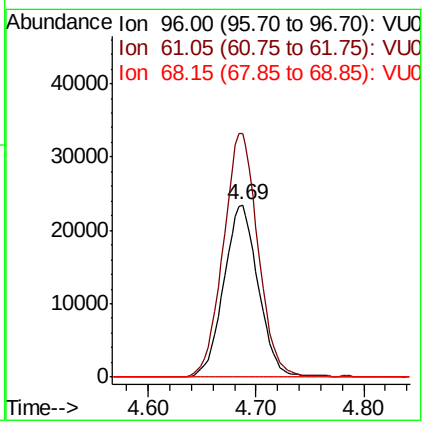


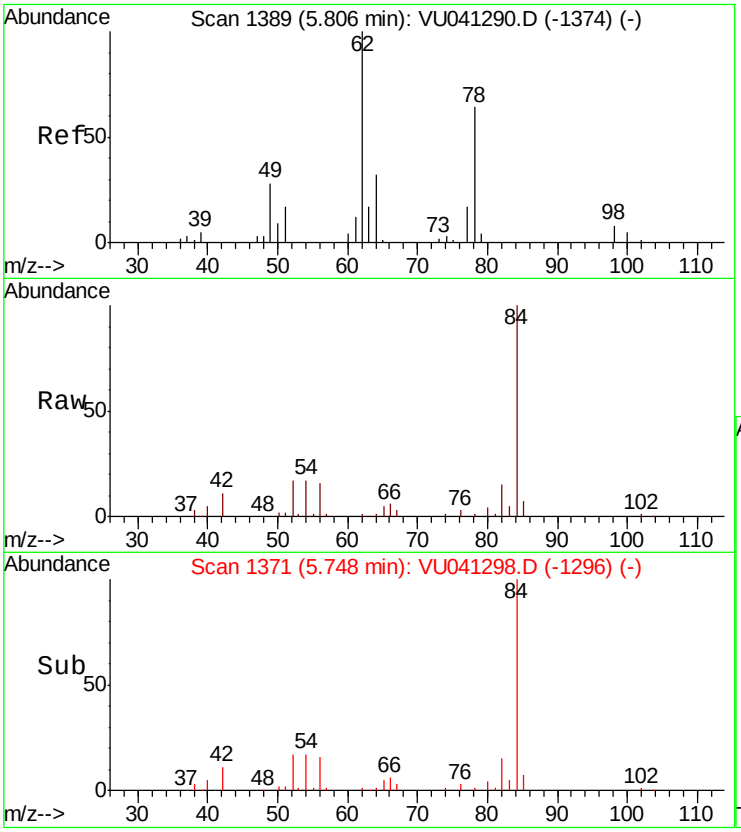


#22
cis-1,2-Dichloroethene
Concen: 11.135 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Tgt Ion: 96 Resp: 52088

Ion	Ratio	Lower	Upper
96	100		
61	141.5	97.2	180.4
68	0.0	0.0	0.0



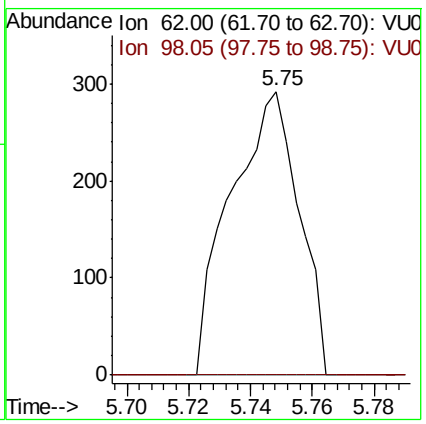


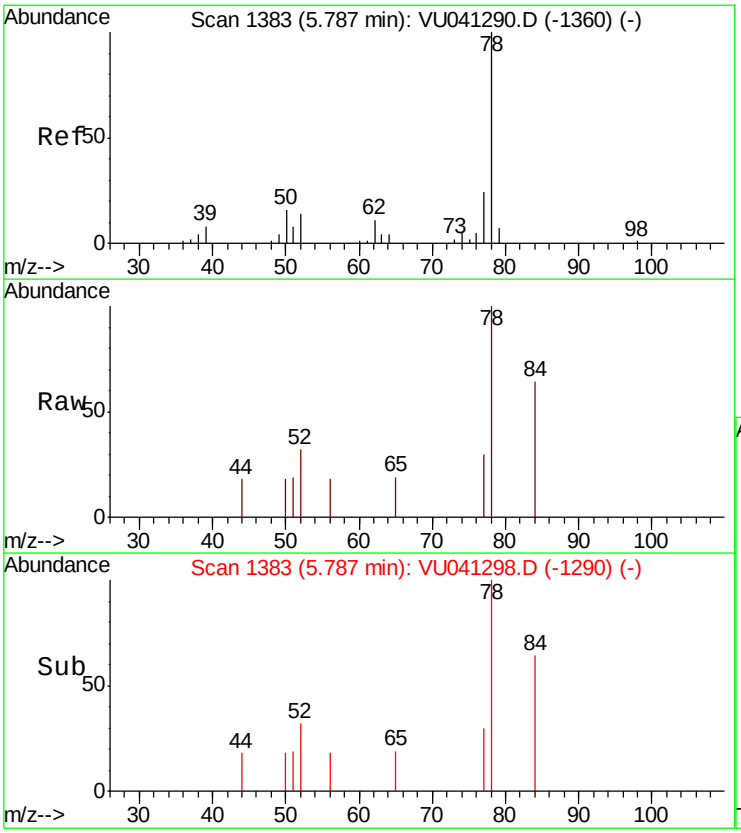
#27
1,2-Dichloroethane
Concen: 0.062 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Instrument : MSVOA_U
ClientSampleId : H4415DL

Tgt Ion: 62 Resp: 448

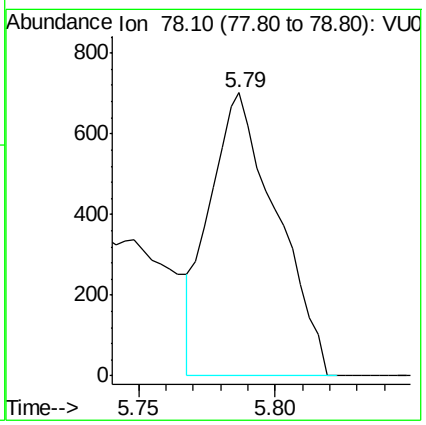
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

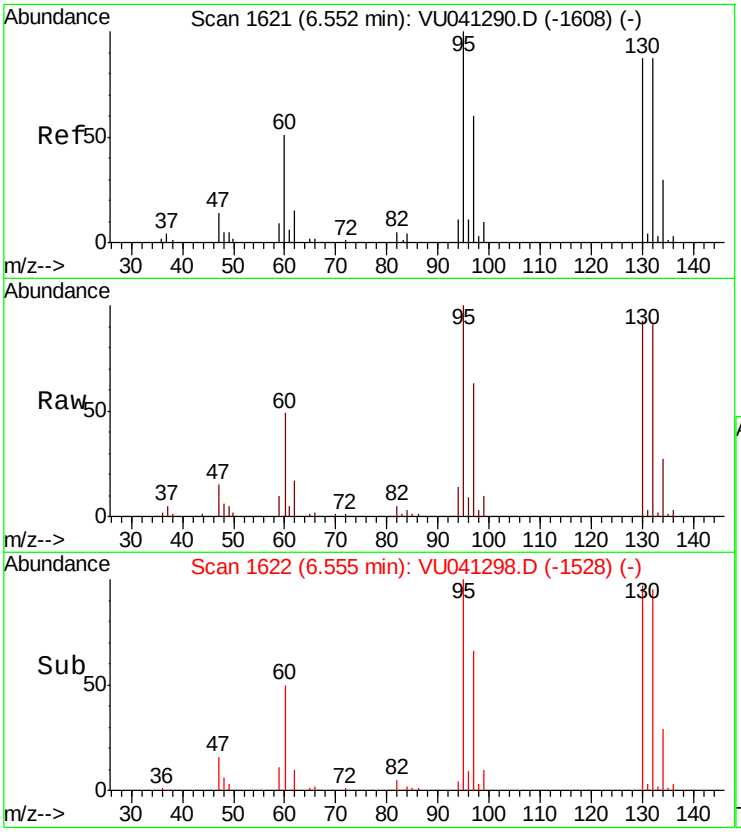




#33
Benzene
Concen: 0.066 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Tgt Ion: 78 Resp: 1202



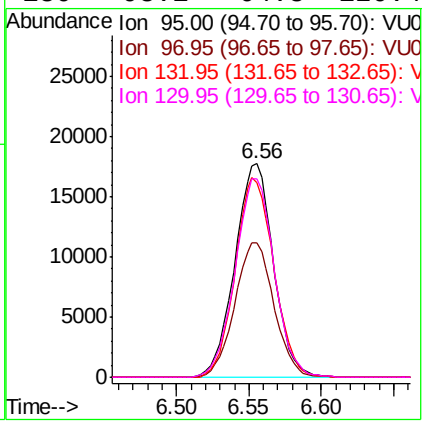


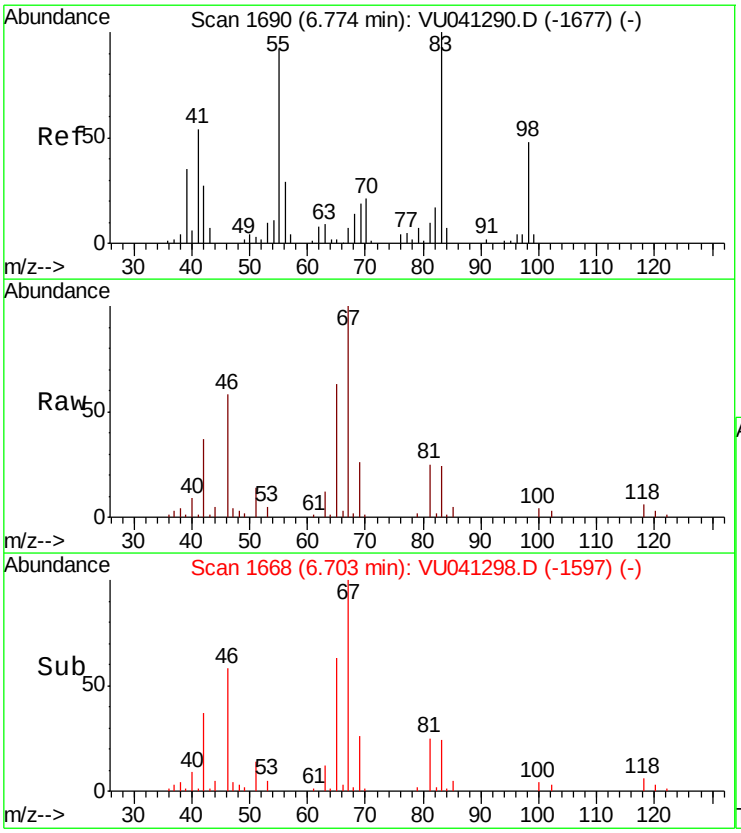
#34
Trichloroethene
Concen: 6.673 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Instrument :
MSVOA_U
ClientSampleId :
H4415DL

Tgt Ion: 95 Resp: 32774

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.6	84.6
132	91.3	64.8	120.4
130	93.1	64.8	120.4

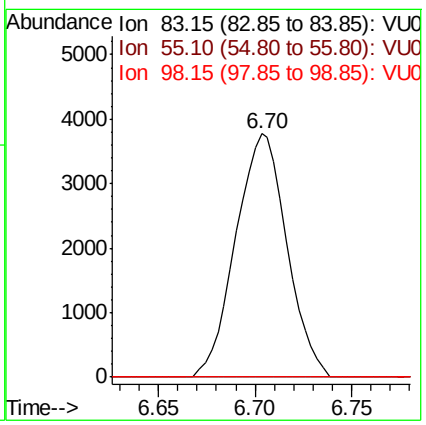


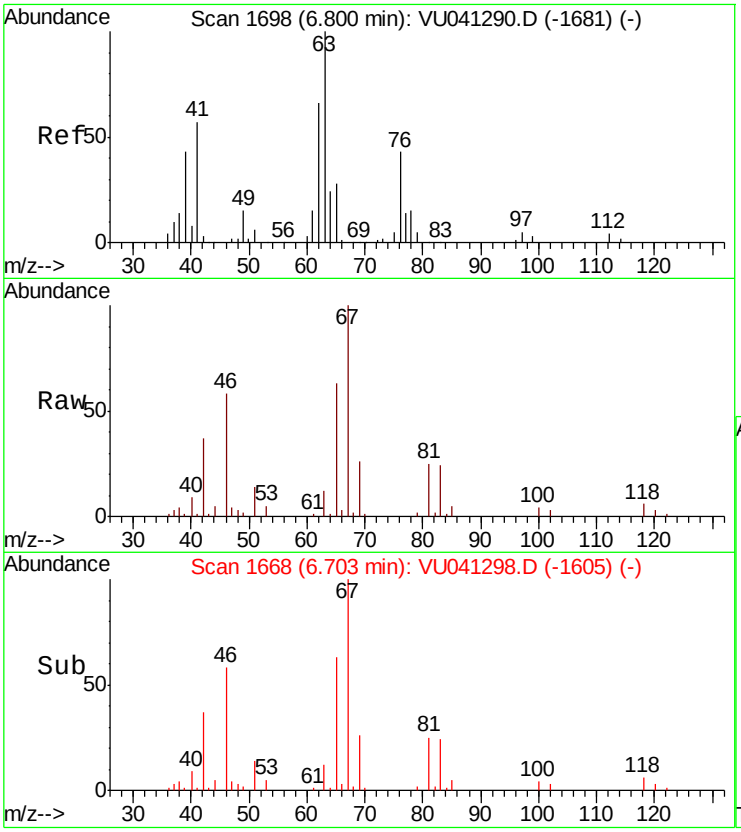


#35
Methylcyclohexane
Concen: 1.060 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Tgt Ion: 83 Resp: 6919

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#



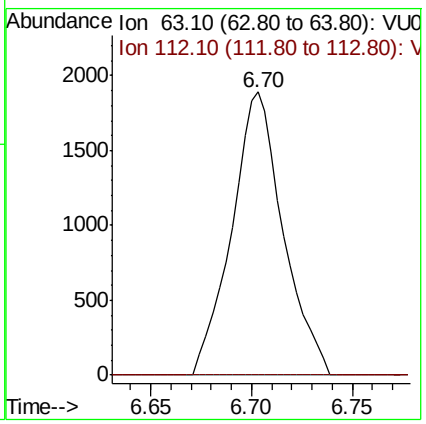


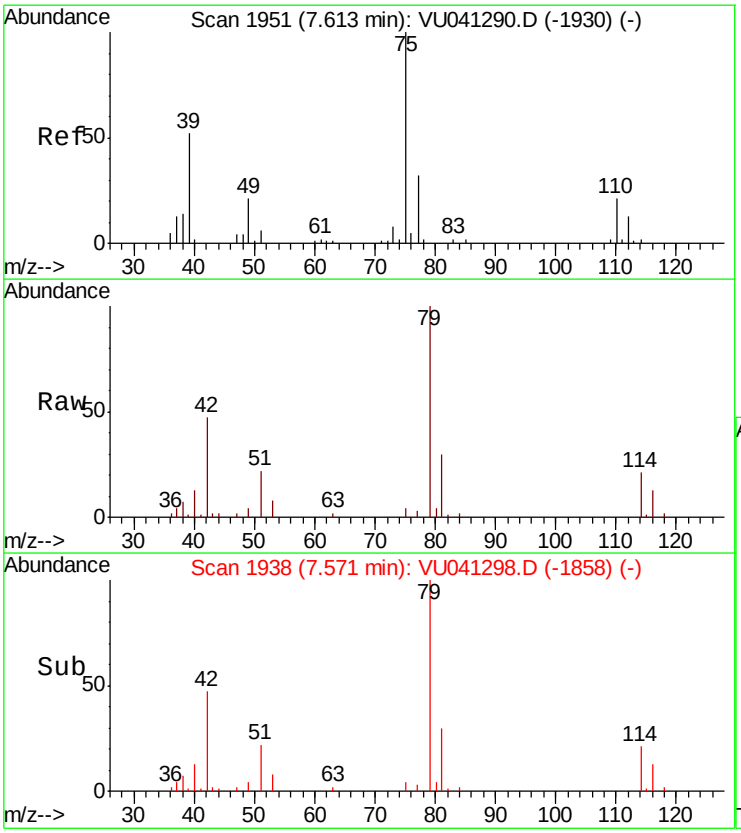
#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Instrument : MSVOA_U
ClientSampleId : H4415DL

Tgt Ion: 63 Resp: 3360

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

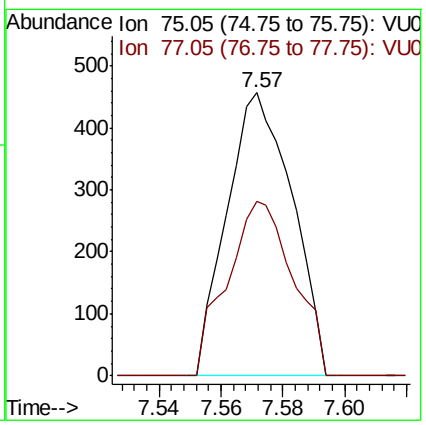


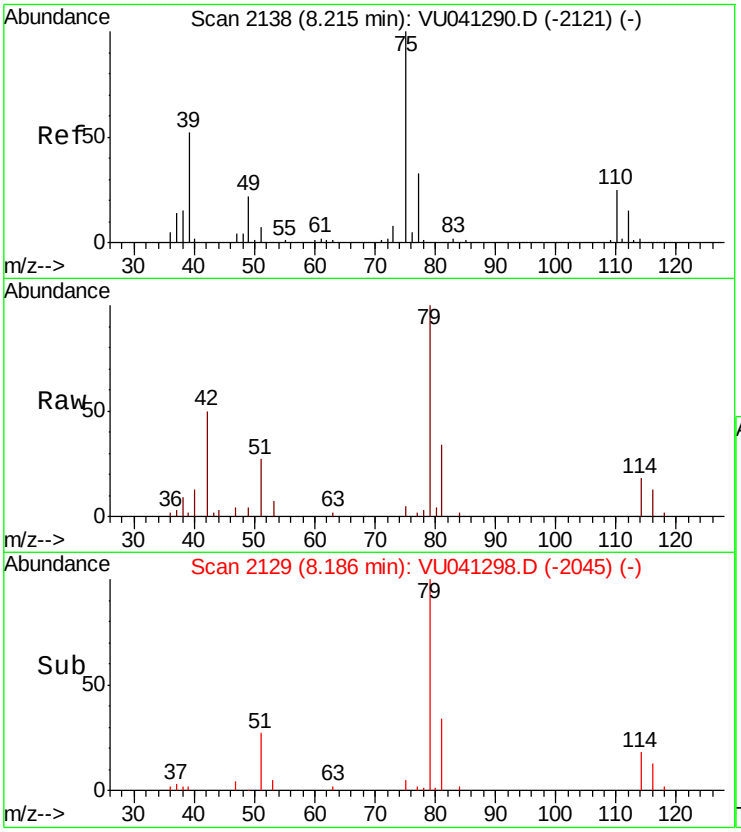


#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Tgt Ion: 75 Resp: 668

Ion	Ratio	Lower	Upper
75	100		
77	61.5	22.7	42.3#



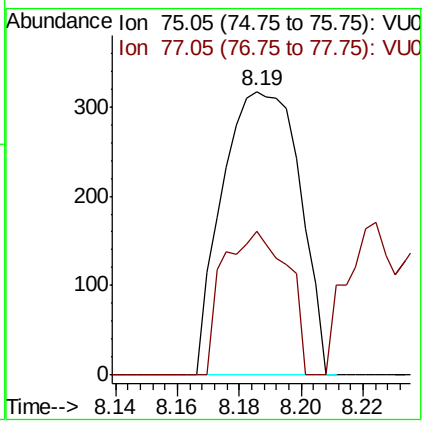


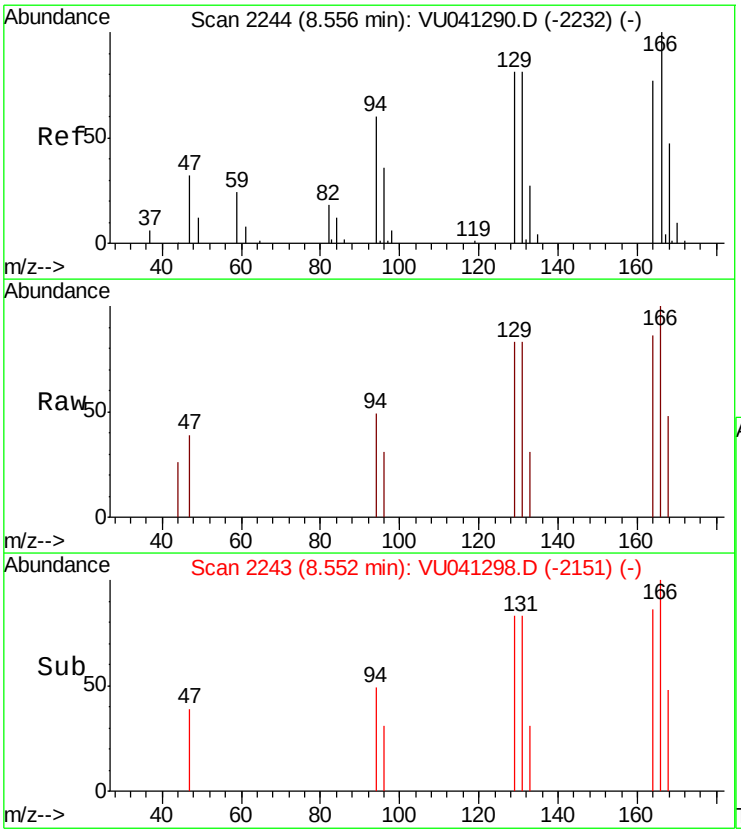
#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Instrument : MSVOA_U
ClientSampleId : H4415DL

Tgt Ion: 75 Resp: 551

Ion	Ratio	Lower	Upper
75	100		
77	50.8	23.3	43.3#

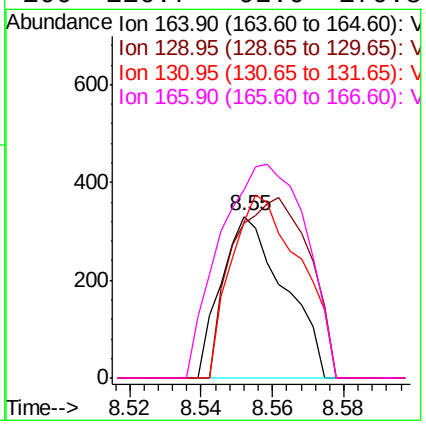


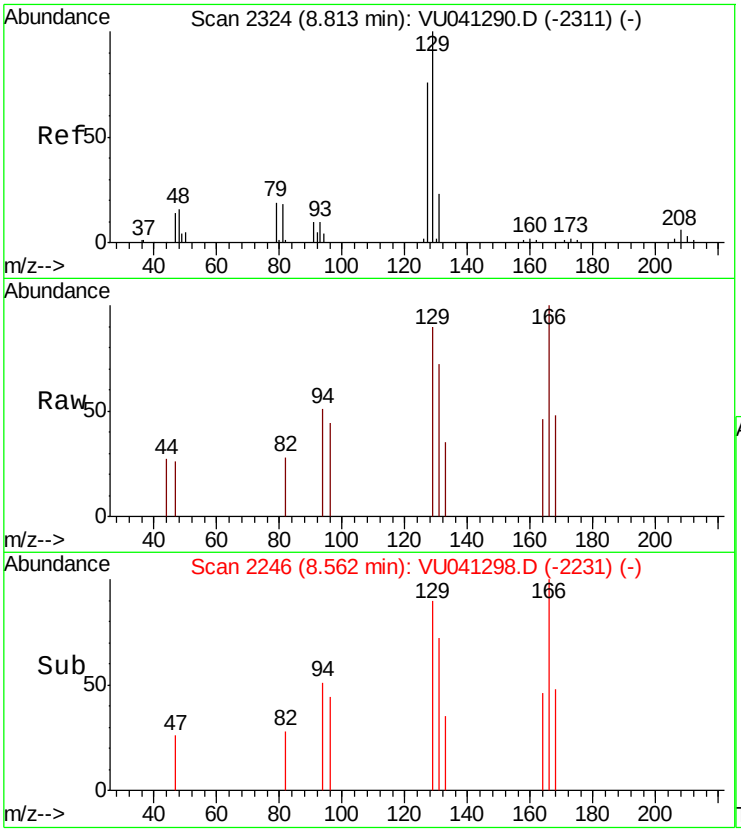


#47
Tetrachloroethene
Concen: 0.111 ug/L
RT: 8.55 min Scan# 2243
Delta R.T. -0.00 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Tgt Ion:164 Resp: 402

Ion	Ratio	Lower	Upper
164	100		
129	96.4	70.3	130.7
131	97.0	70.8	131.4
166	116.7	92.0	170.8



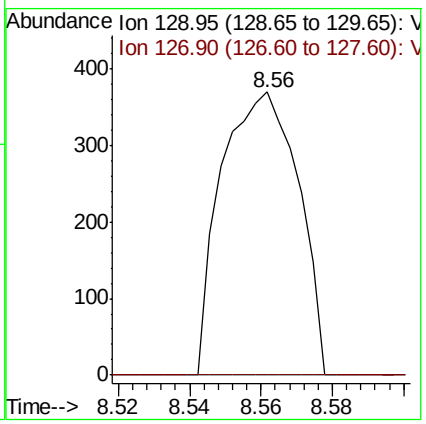


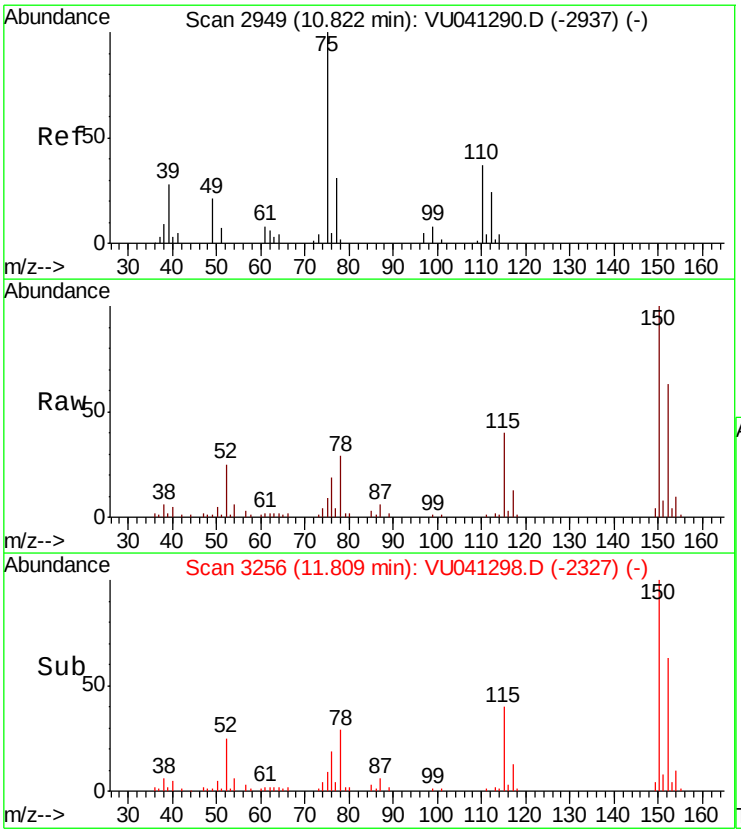
#49
Dibromochloromethane
Concen: 0.113 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. -0.25 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Instrument : MSVOA_U
ClientSampleId : H4415DL

Tgt Ion:129 Resp: 548

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#





#59
1,2,3-Trichloropropane
Concen: 0.859 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041298.D
Acq: 18 Nov 2020 00:14

Tgt Ion: 75 Resp: 3597

Ion	Ratio	Lower	Upper
75	100		
77	39.8	25.7	38.5#