Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041279.D
Acq On : 17 Nov 2020 14:26
Operator : SY/MD
Sample : L4759-05DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4417DL

Quant Time: Nov 17 22:35:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66271	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29233	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	25561	5.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.80%			
7) Chloroethane-d5	1.92	69	22203	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.40%			
11) 1,1-Dichloroethene-d2	2.58	63	37959	3.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.40%			
20) 2-Butanone-d5	4.65	46	99773	49.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.28%			
24) Chloroform-d	5.08	84	54011	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
26) 1,2-Dichloroethane-d4	5.72	65	33887	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.74	84	97490	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
36) 1,2-Dichloropropane-d6	6.70	67	34017	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	7.91	98	79515	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	8.19	79	13902	5.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.80%			
46) 2-Hexanone-d5	8.64	63	68540	46.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.16%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29140	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	29931	5.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	8449	1.469	ug/L #	55
8) Chloroethane	1.95	64	352	0.092	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	324	0.066	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	288	0.067	ug/L #	1
16) Methylene chloride	3.06	84	1793	0.331	ug/L	88
17) Methyl tert-butyl Ether	3.38	73	212974	18.033	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	19218	4.574	ug/L	96
19) 1,1-Dichloroethane	3.89	63	1921	0.205	ug/L #	75
22) cis-1,2-Dichloroethene	4.69	96	62773	13.229	ug/L	94
25) Chloroform	5.10	83	1001	0.098	ug/L	93
27) 1,2-Dichloroethane	5.74	62	546	0.075	ug/L #	74
33) Benzene	5.79	78	1066	0.057	ug/L	100
34) Trichloroethene	6.56	95	2083	0.413	ug/L	98
35) Methylcyclohexane	6.70	83	7816	1.166	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4043	0.741	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	903	0.119	ug/L	83
44) trans-1,3-Dichloropropene	8.18	75	546	0.076	ug/L #	70

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041279.D
Acq On : 17 Nov 2020 14:26
Operator : SY/MD
Sample : L4759-05DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4417DL

Quant Time: Nov 17 22:35:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 2-Hexanone	8.64	43	9605	2.849 ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	3842	0.893 ug/L	92

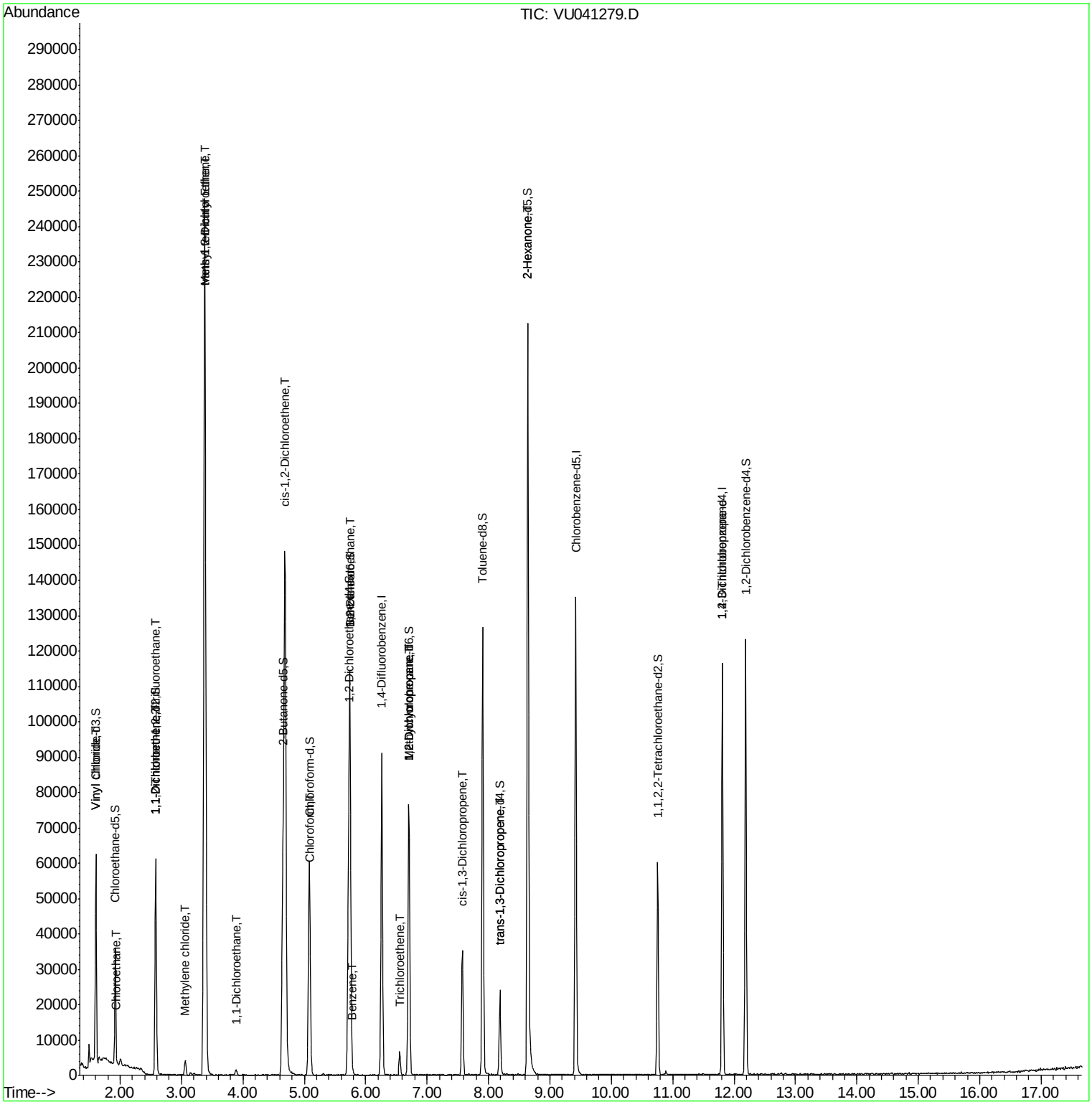
(#) = qualifier out of range (m) = manual integration (+) = signals summed

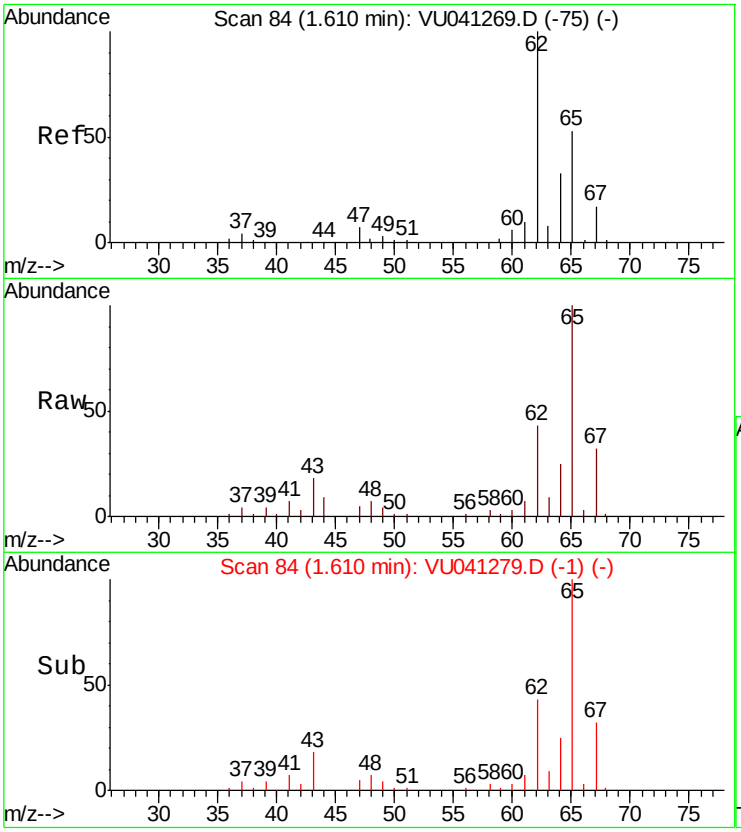
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
Data File : VU041279.D
Acq On : 17 Nov 2020 14:26
Operator : SY/MD
Sample : L4759-05DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4417DL

Quant Time: Nov 17 22:35:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration



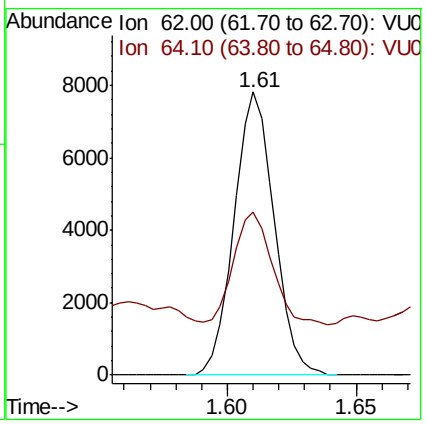


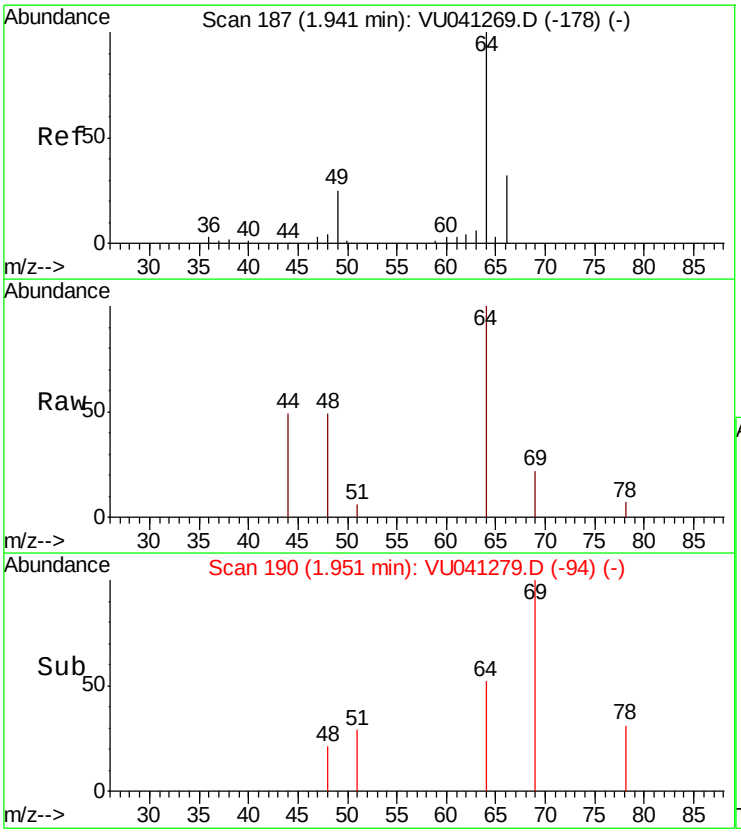
#5
Vinyl chloride
Concen: 1.469 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Instrument : MSVOA_U
ClientSampleId : H4417DL

Tgt Ion: 62 Resp: 8449

Ion	Ratio	Lower	Upper
62	100		
64	57.5	22.7	42.3#

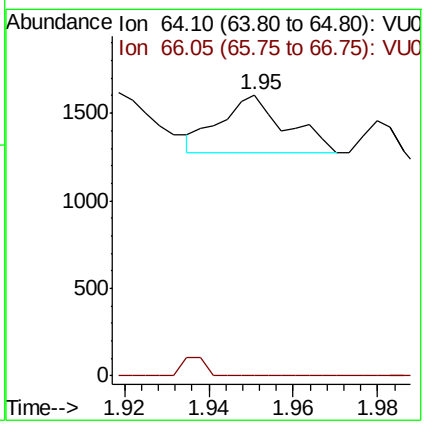


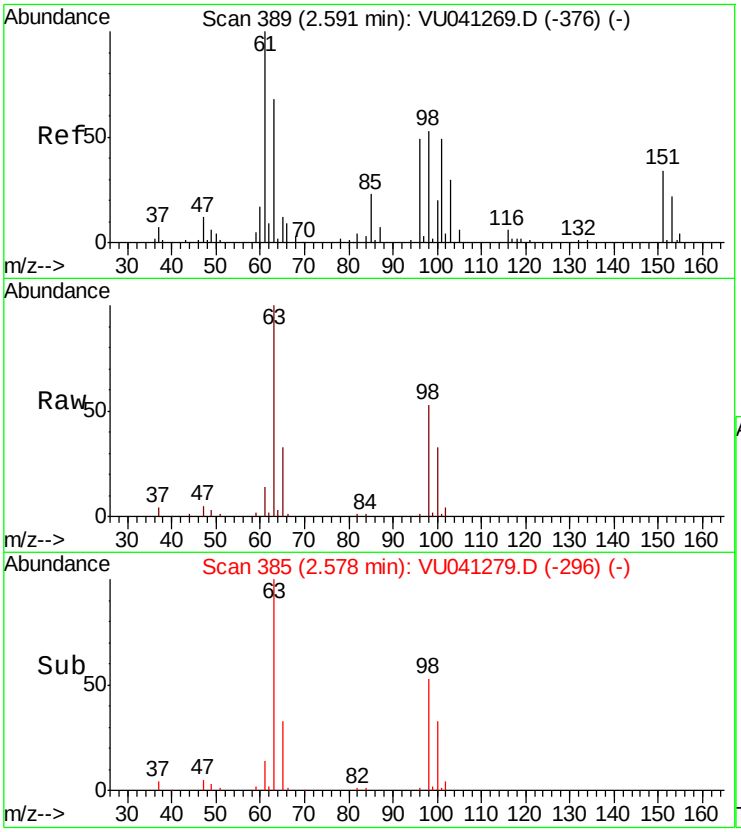


#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Tgt Ion: 64 Resp: 352

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.5#



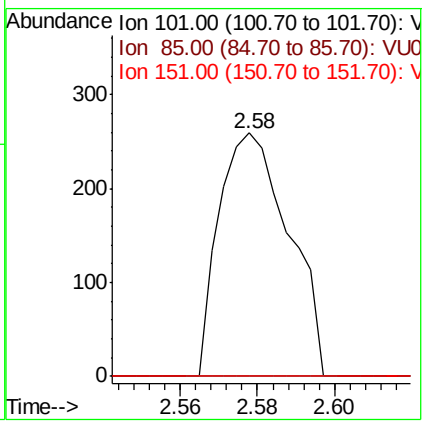


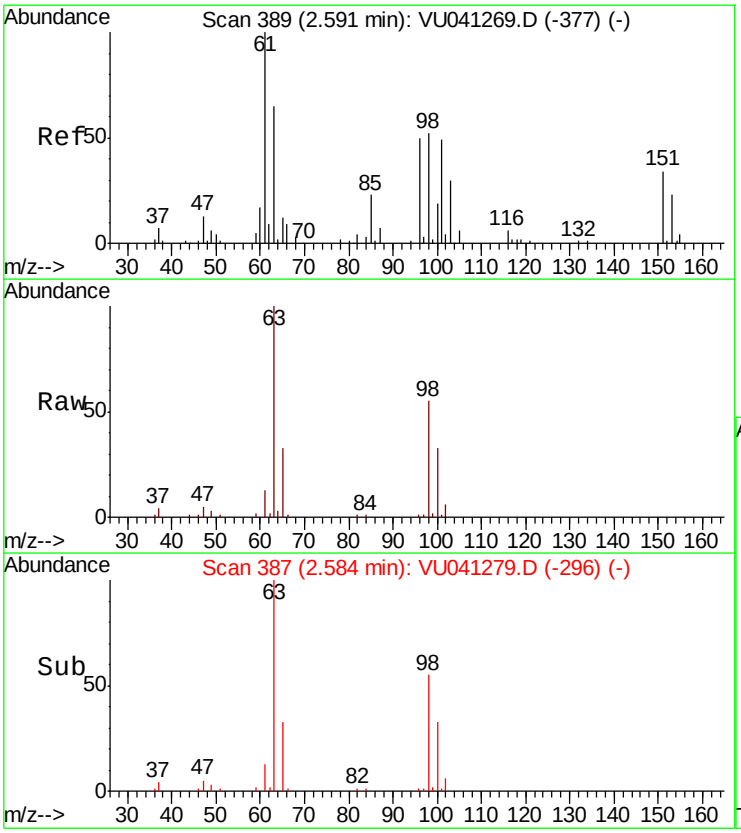
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.066 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Instrument : MSVOA_U
ClientSampleId : H4417DL

Tgt Ion:101 Resp: 324

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

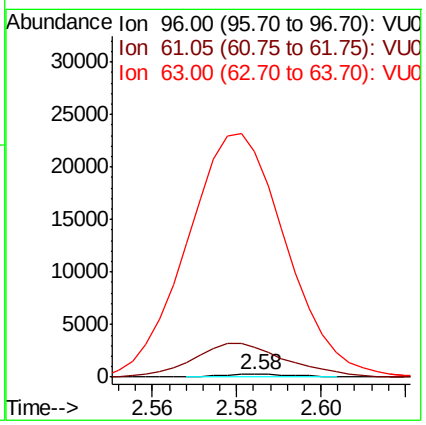


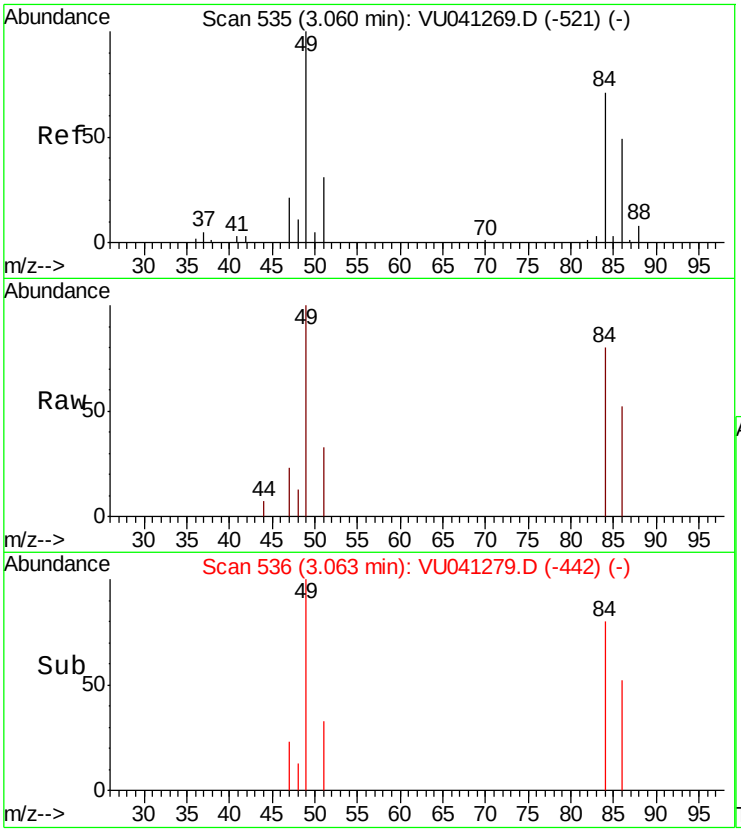


#12
1,1-Dichloroethene
Concen: 0.067 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Tgt Ion: 96 Resp: 288

Ion	Ratio	Lower	Upper
96	100		
61	1141.8	134.3	249.5#
63	8538.6	95.0	176.4#



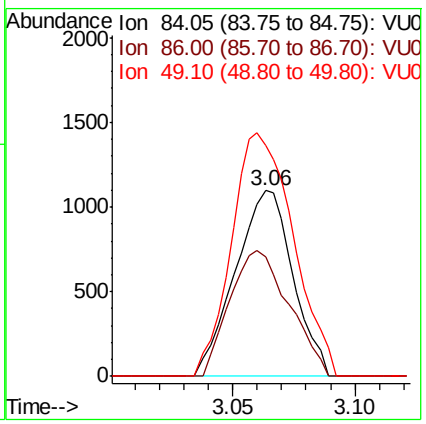


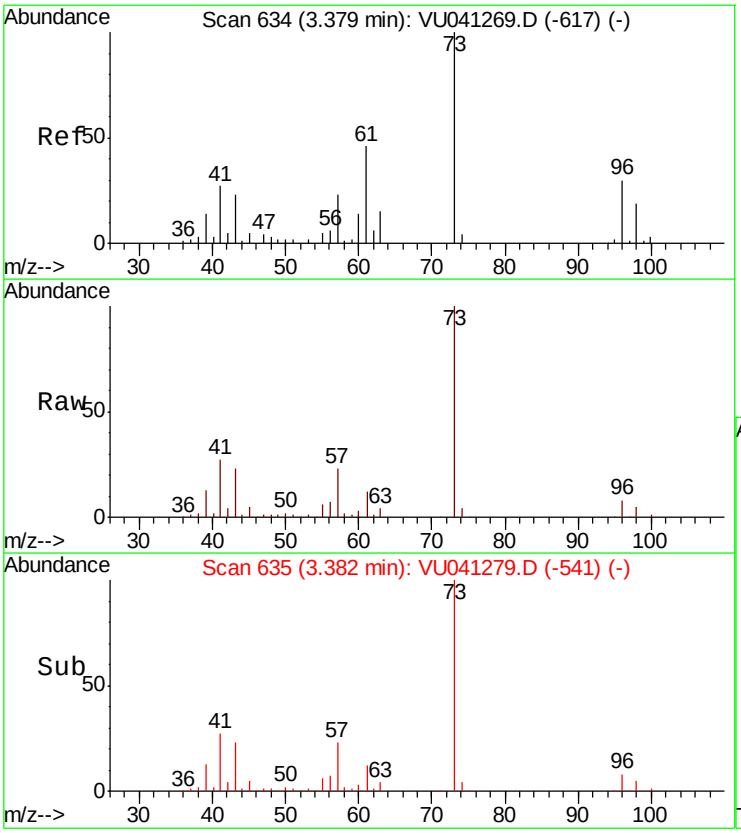
#16
Methylene chloride
Concen: 0.331 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Instrument : MSVOA_U
ClientSampleId : H4417DL

Tgt Ion: 84 Resp: 1793

Ion	Ratio	Lower	Upper
84	100		
86	64.7	42.8	79.6
49	124.3	99.5	184.7

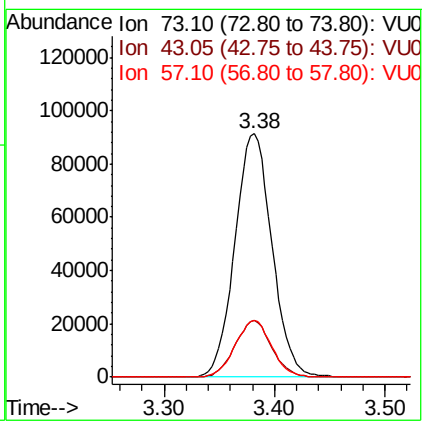


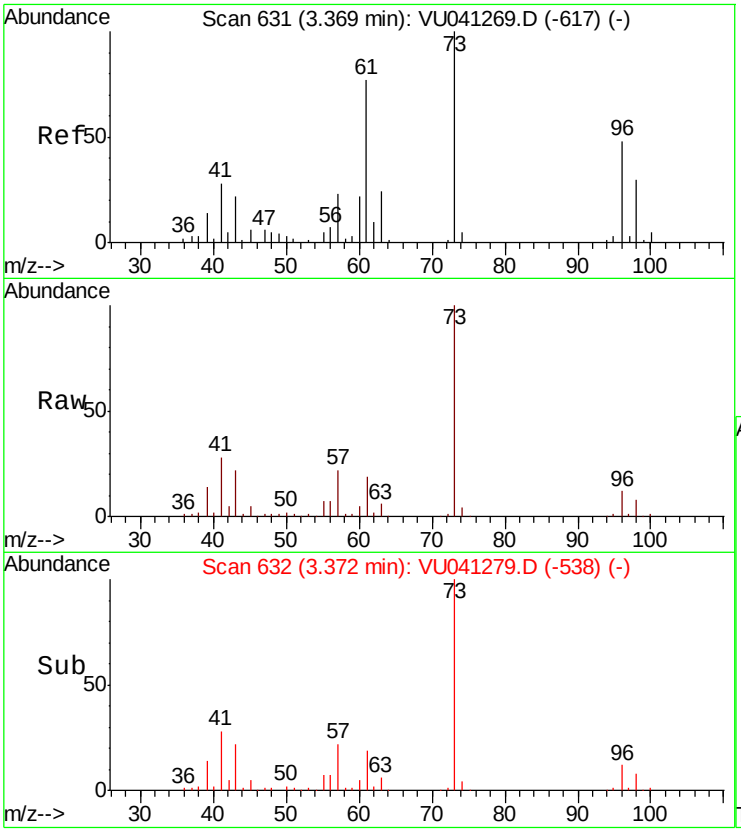


#17
Methyl tert-butyl Ether
Concen: 18.033 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Tgt Ion: 73 Resp: 212974

Ion	Ratio	Lower	Upper
73	100		
43	22.7	18.5	27.7
57	23.0	18.4	27.6



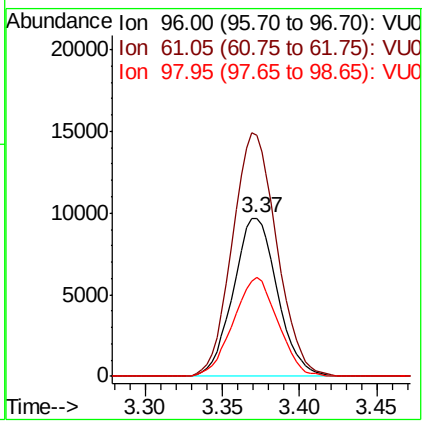


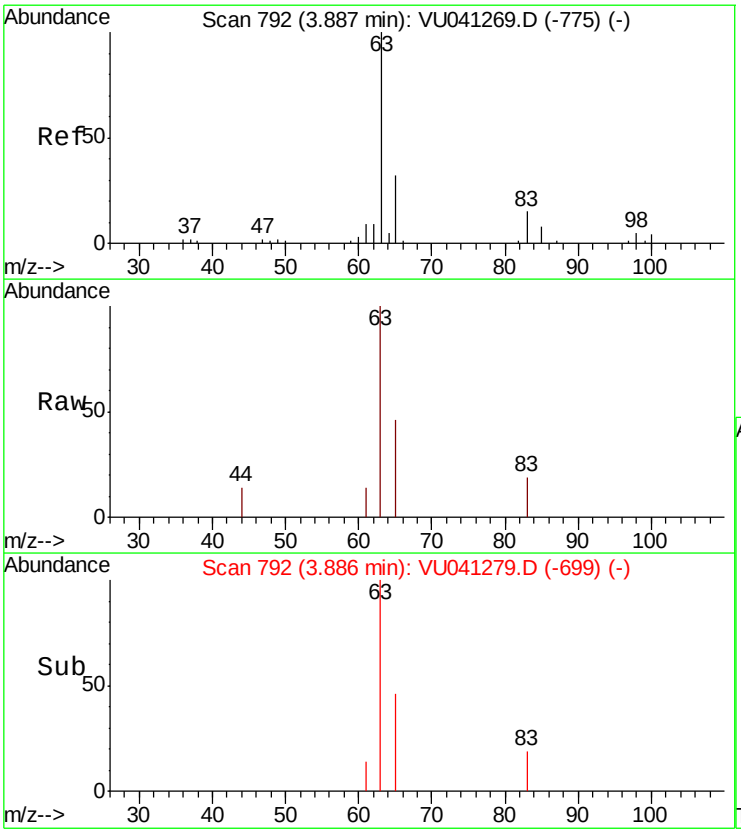
#18
trans-1,2-Dichloroethene
Concen: 4.574 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Instrument : MSVOA_U
ClientSampleId : H4417DL

Tgt Ion: 96 Resp: 19218

Ion	Ratio	Lower	Upper
96	100		
61	152.3	110.9	205.9
98	62.3	45.4	84.2

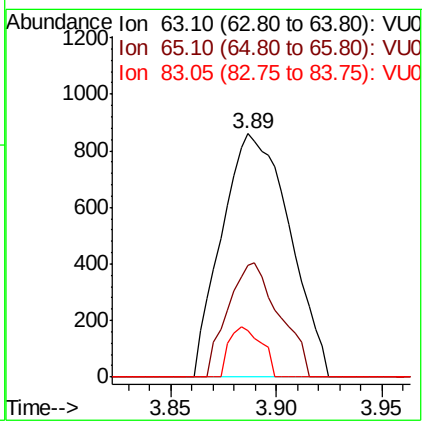


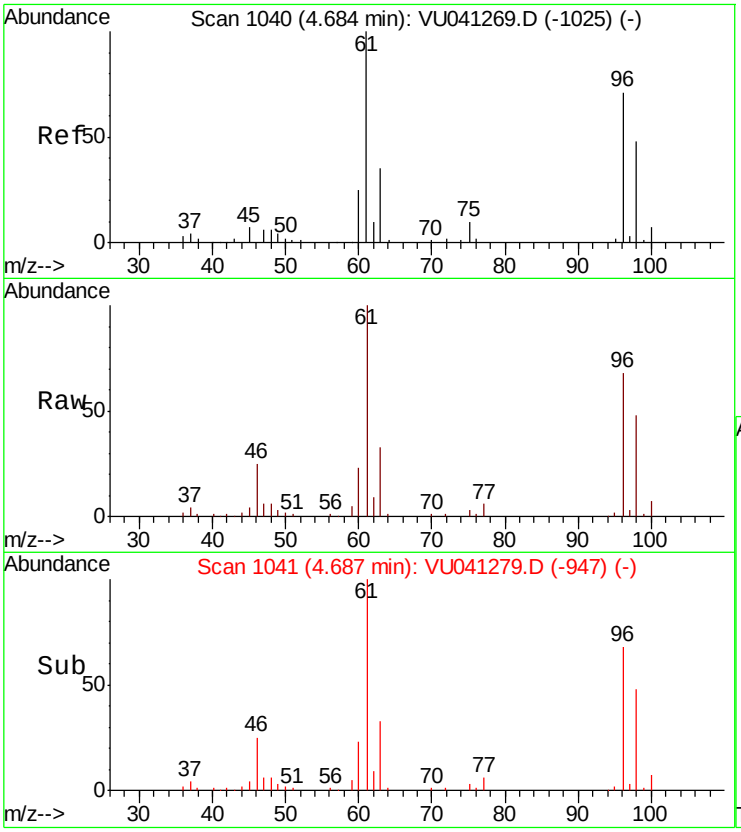


#19
1,1-Dichloroethane
Concen: 0.205 ug/L
RT: 3.89 min Scan# 792
Delta R.T. -0.00 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Tgt Ion: 63 Resp: 1921

Ion	Ratio	Lower	Upper
63	100		
65	45.9	21.3	39.6#
83	19.0	8.8	16.3#



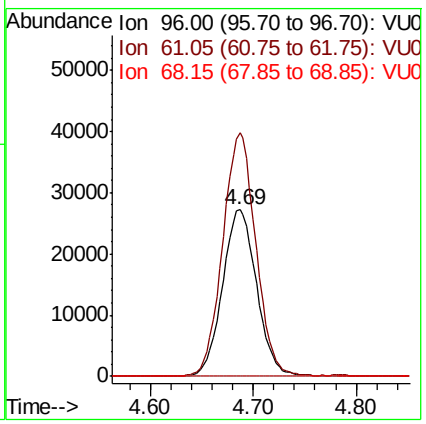


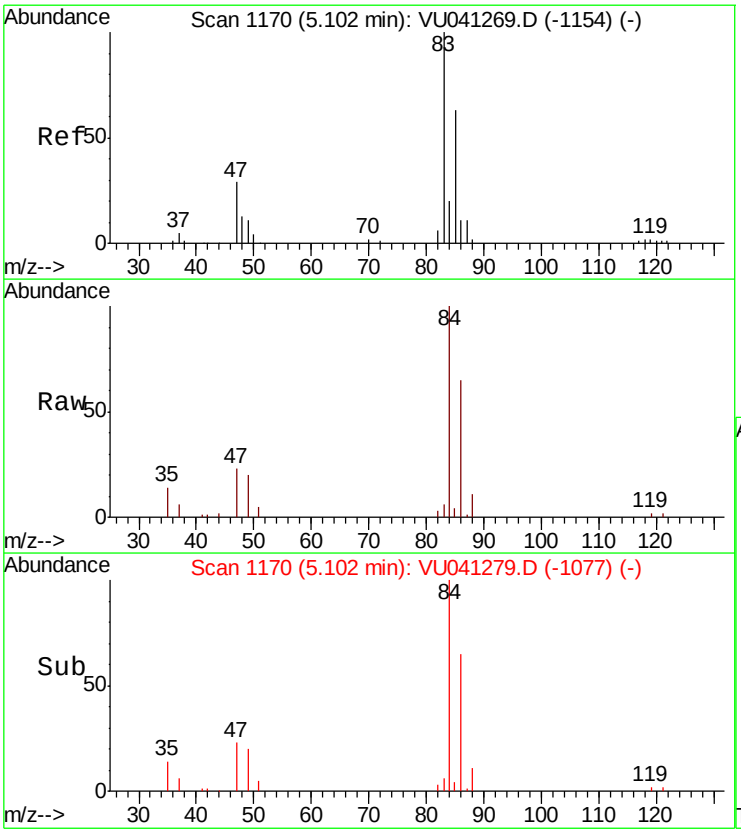
#22
cis-1,2-Dichloroethene
Concen: 13.229 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Instrument :
MSVOA_U
ClientSampleId :
H4417DL

Tgt Ion: 96 Resp: 62773

Ion	Ratio	Lower	Upper
96	100		
61	146.3	97.2	180.4
68	0.0	0.0	0.0

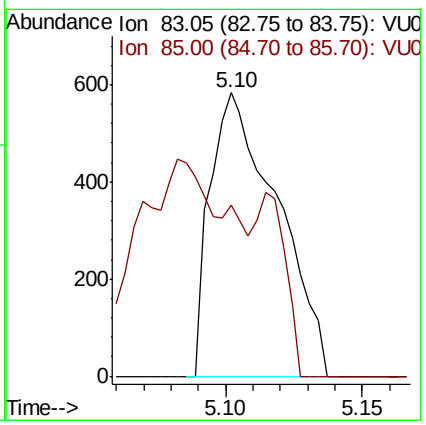


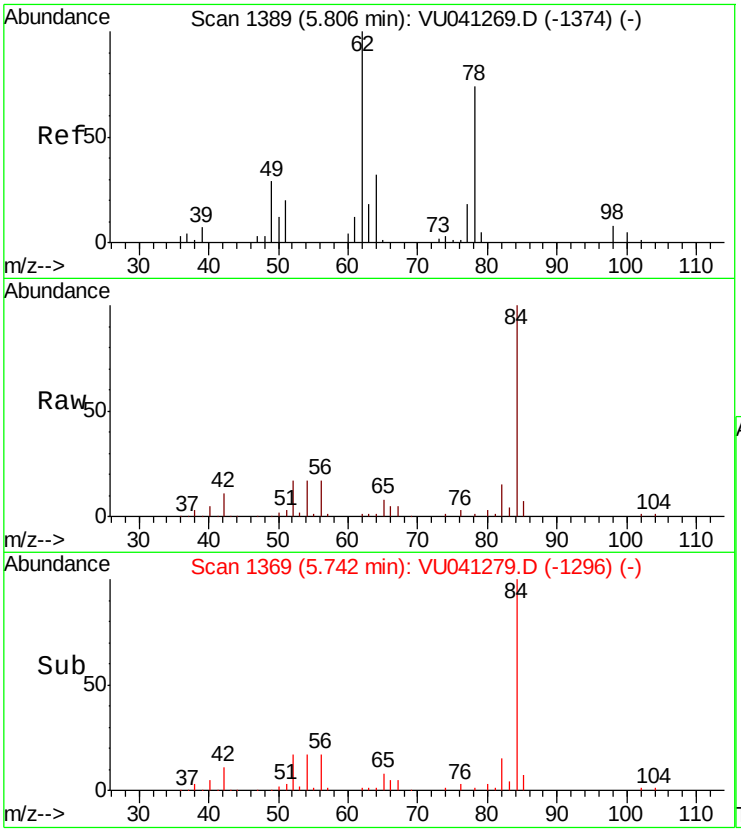


#25
Chloroform
Concen: 0.098 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Tgt Ion: 83 Resp: 1001

Ion	Ratio	Lower	Upper
83	100		
85	60.2	46.1	85.7



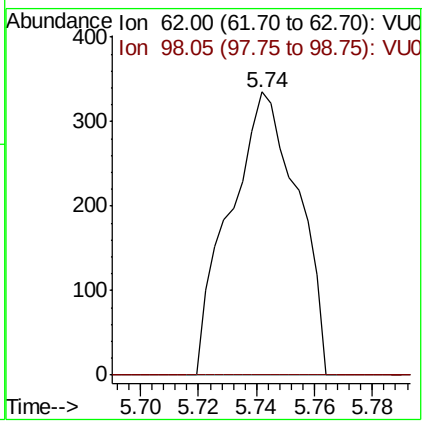


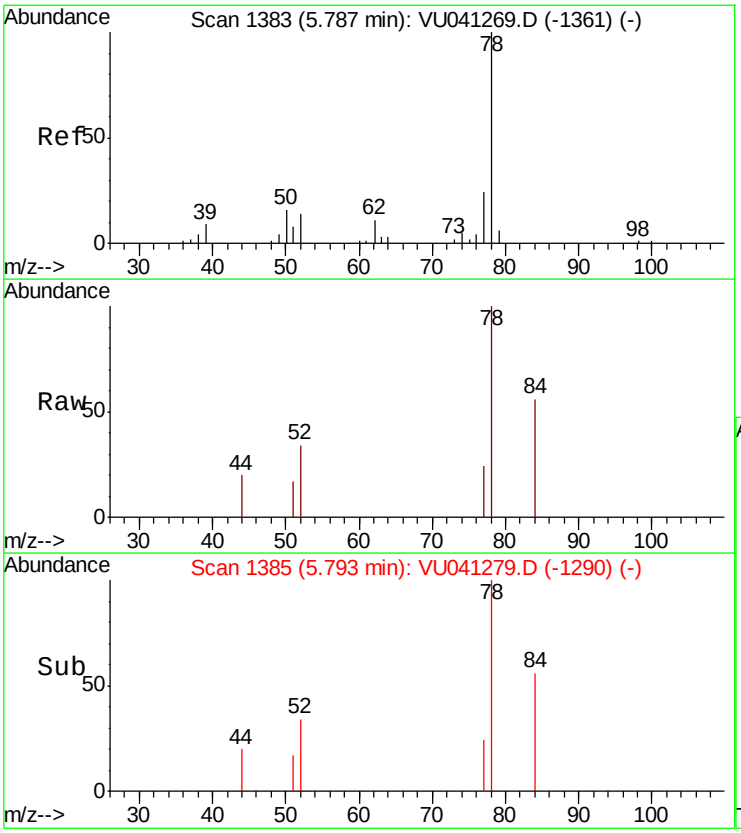
#27
1,2-Dichloroethane
Concen: 0.075 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Tgt Ion: 62 Resp: 546

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

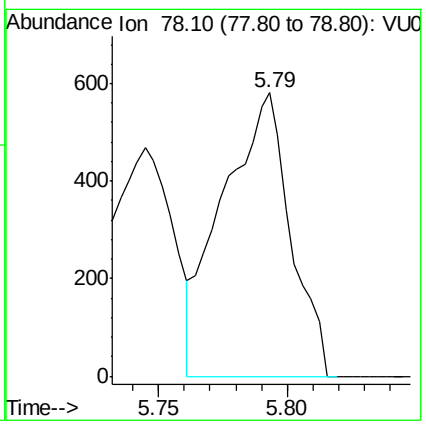
Instrument :
MSVOA_U
ClientSampleId :
H4417DL

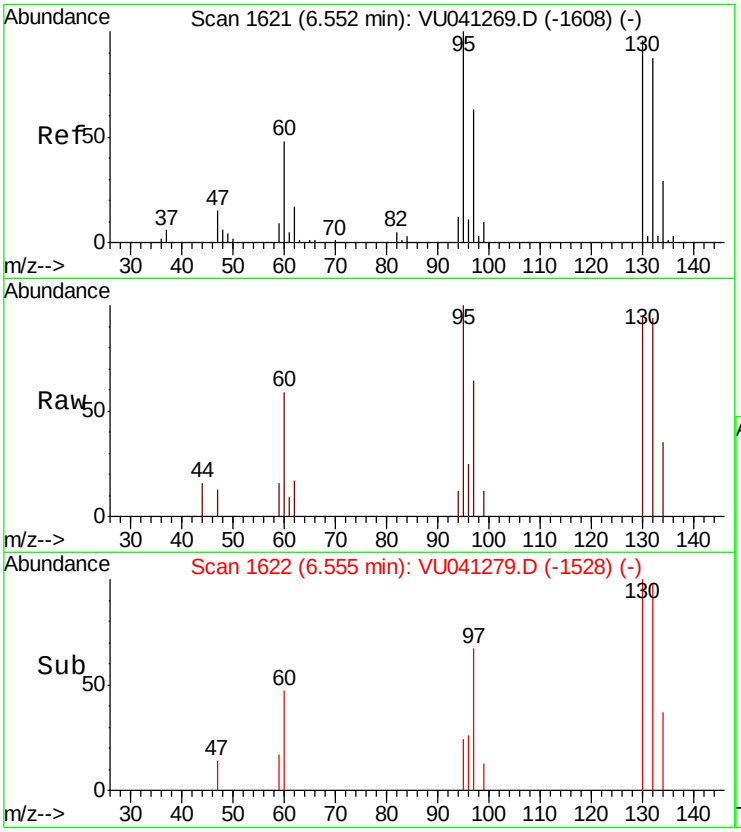




#33
Benzene
Concen: 0.057 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.01 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Tgt Ion: 78 Resp: 1066



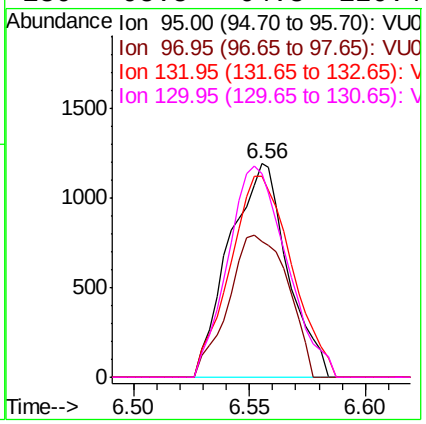


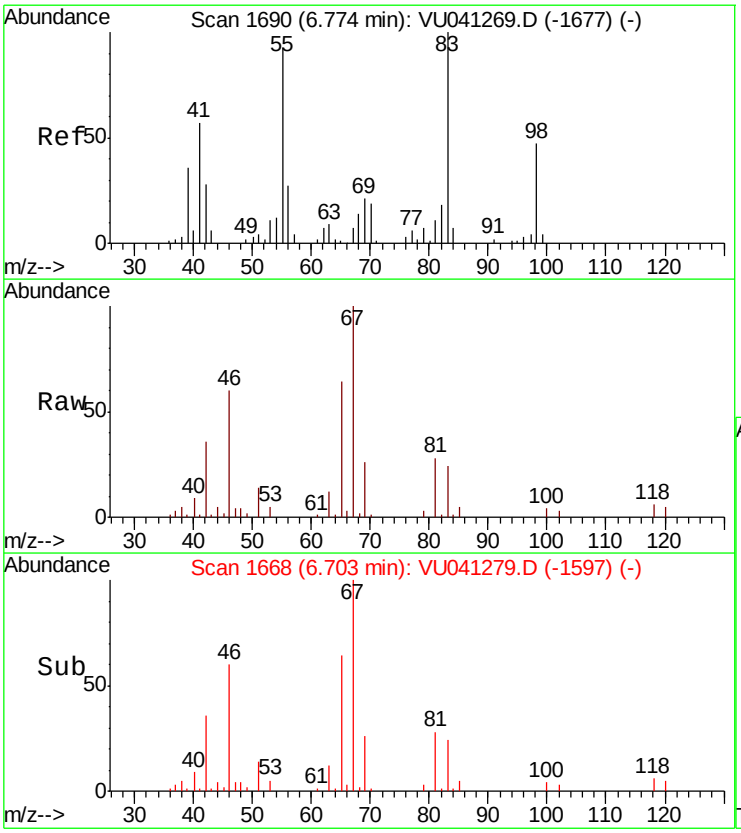
#34
Trichloroethene
Concen: 0.413 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Instrument :
MSVOA_U
ClientSampleId :
H4417DL

Tgt Ion: 95 Resp: 2083

Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.6	84.6
132	93.9	64.8	120.4
130	95.5	64.8	120.4

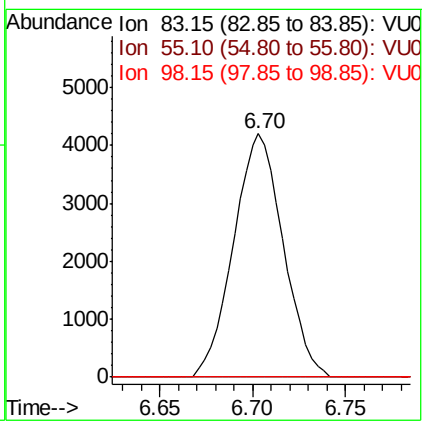


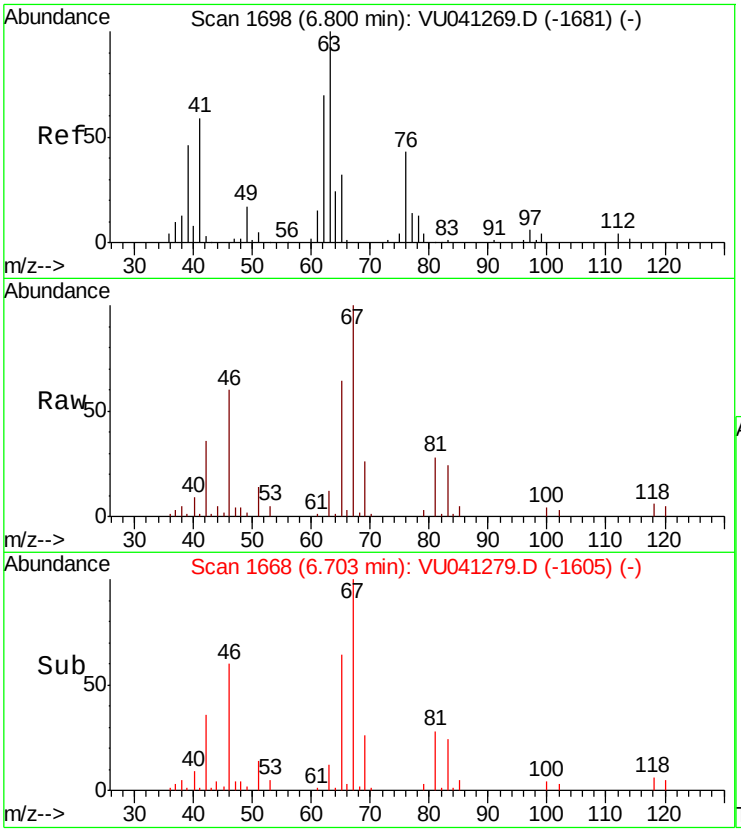


#35
Methylcyclohexane
Concen: 1.166 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Tgt Ion: 83 Resp: 7816

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.6	36.6	55.0#



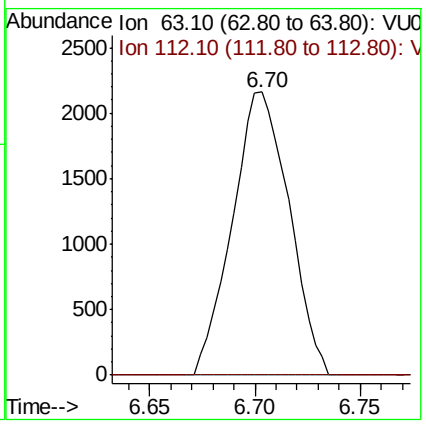


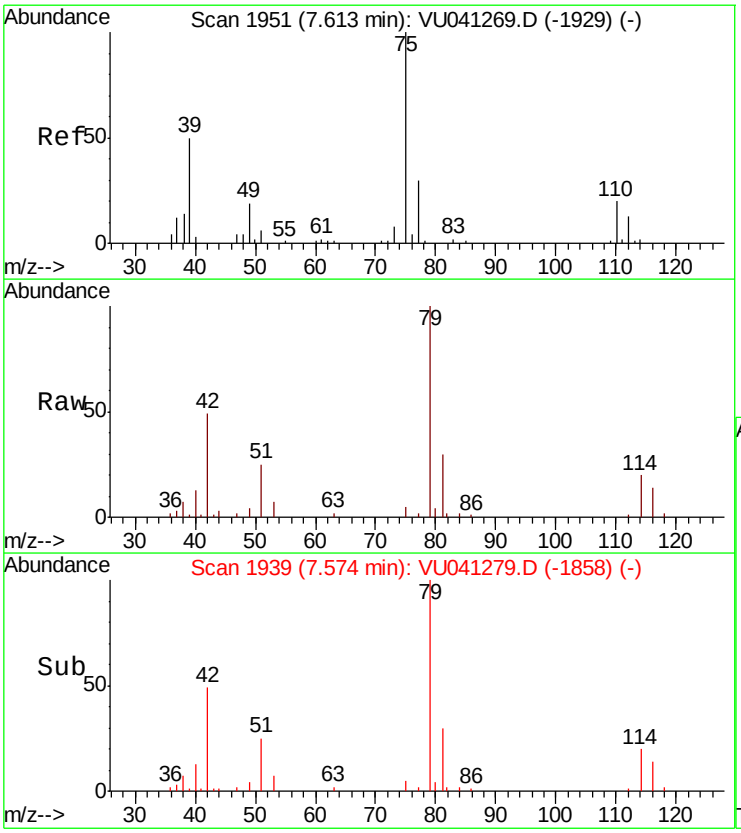
#37
1,2-Dichloropropane
Concen: 0.741 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Instrument : MSVOA_U
ClientSampleId : H4417DL

Tgt Ion: 63 Resp: 4043

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

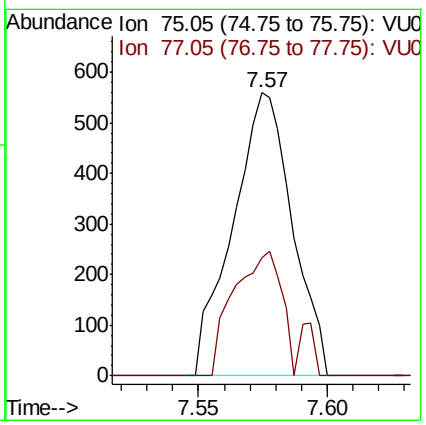


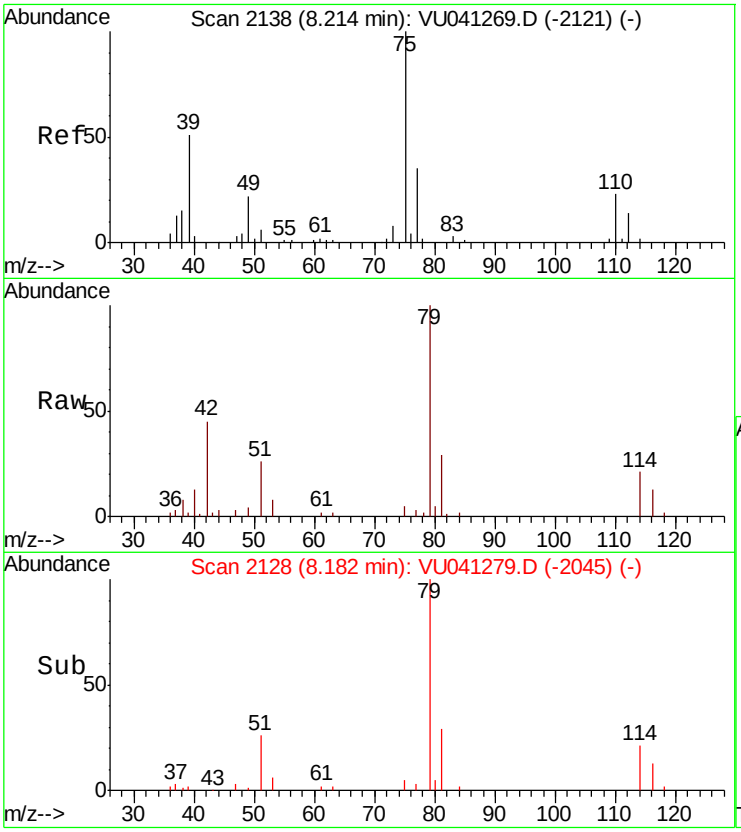


#39
cis-1,3-Dichloropropene
Concen: 0.119 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Tgt Ion: 75 Resp: 903

Ion	Ratio	Lower	Upper
75	100		
77	41.9	22.7	42.3



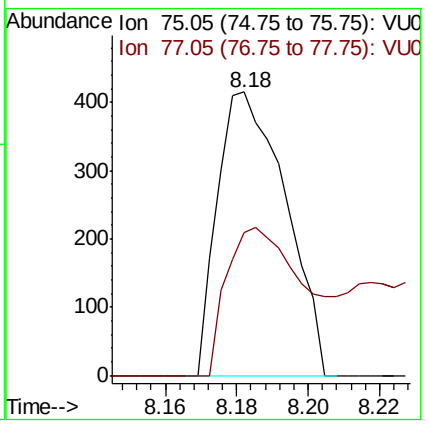


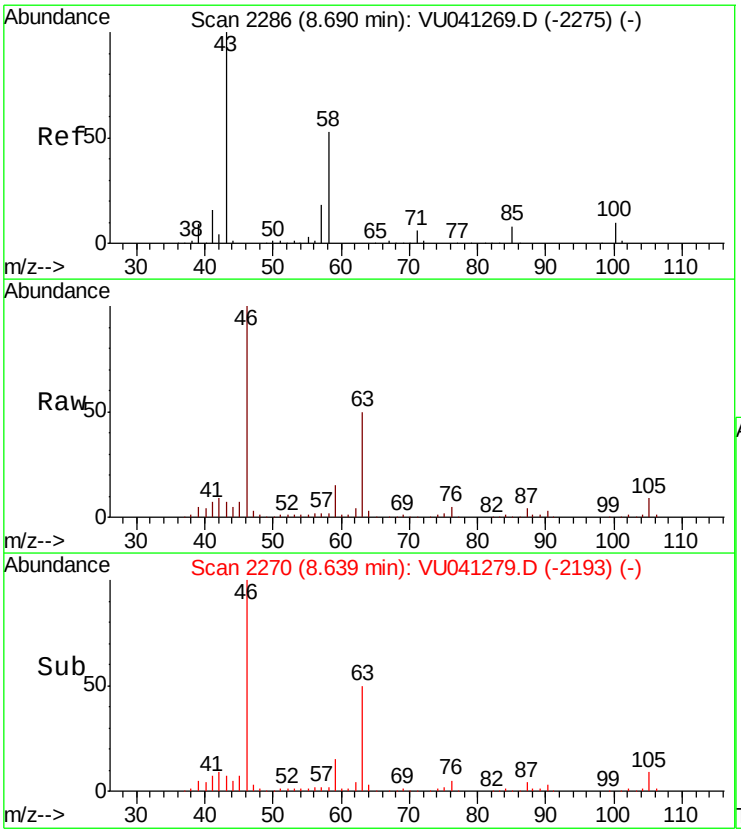
#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Instrument :
MSVOA_U
ClientSampleId :
H4417DL

Tgt Ion: 75 Resp: 546

Ion	Ratio	Lower	Upper
75	100		
77	50.4	23.3	43.3#

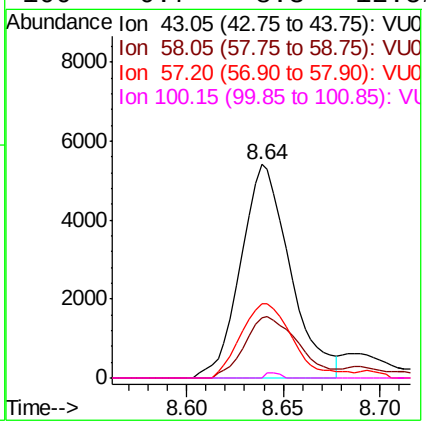


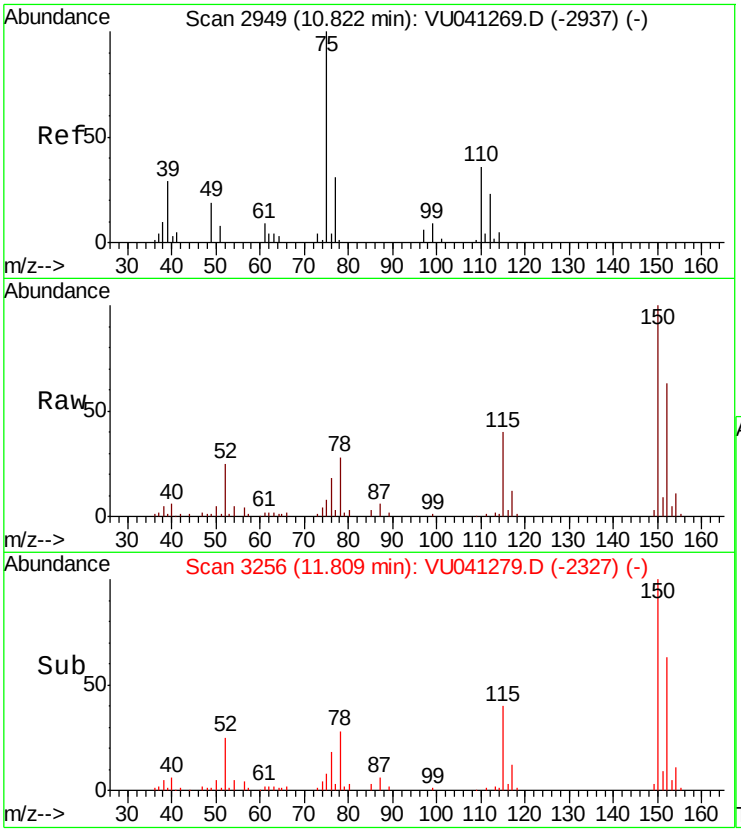


#48
2-Hexanone
Concen: 2.849 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Tgt Ion: 43 Resp: 9605

Ion	Ratio	Lower	Upper
43	100		
58	31.2	41.4	62.2#
57	37.3	14.6	21.8#
100	0.7	8.3	12.5#





#59
1,2,3-Trichloropropane
Concen: 0.893 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Instrument :
MSVOA_U
ClientSampleId :
H4417DL

Tgt Ion: 75 Resp: 3842

Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.7	38.5