Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041179.D
Acq On : 10 Nov 2020 15:32
Operator : SY/MD
Sample : L4646-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0W4

Quant Time: Nov 11 04:20:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59623	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58541	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27217	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	14125	2.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 56.40%			
7) Chloroethane-d5	1.92	69	13318	3.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 69.20%			
11) 1,1-Dichloroethene-d2	2.58	63	22922	2.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 46.60%#			
20) 2-Butanone-d5	4.65	46	78285	47.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.92%			
24) Chloroform-d	5.08	84	39439	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.72	65	25701	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.74	84	65749	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.70	67	24037	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.91	98	53674	3.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.60%			
43) trans-1,3-Dichloropropene-	8.19	79	8963	4.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.20%			
46) 2-Hexanone-d5	8.64	63	56612	47.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.18%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21762	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	24084	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	2058	0.368	ug/L #	77
13) Acetone	2.66	43	1663	1.475	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	1293	0.119	ug/L #	59
18) trans-1,2-Dichloroethene	3.37	96	2814	0.657	ug/L	88
22) cis-1,2-Dichloroethene	4.69	96	213314	48.317	ug/L	100
25) Chloroform	5.11	83	2663	0.310	ug/L	87
27) 1,2-Dichloroethane	5.81	62	8682	1.358	ug/L #	91
30) Cyclohexane	5.40	56	692	0.098	ug/L #	73
33) Benzene	5.79	78	25853	1.478	ug/L	100
34) Trichloroethene	6.56	95	195511	43.920	ug/L	99
47) Tetrachloroethene	8.56	164	1495	0.457	ug/L	92
53) m,p-Xylene	9.69	106	1881	0.276	ug/L	72

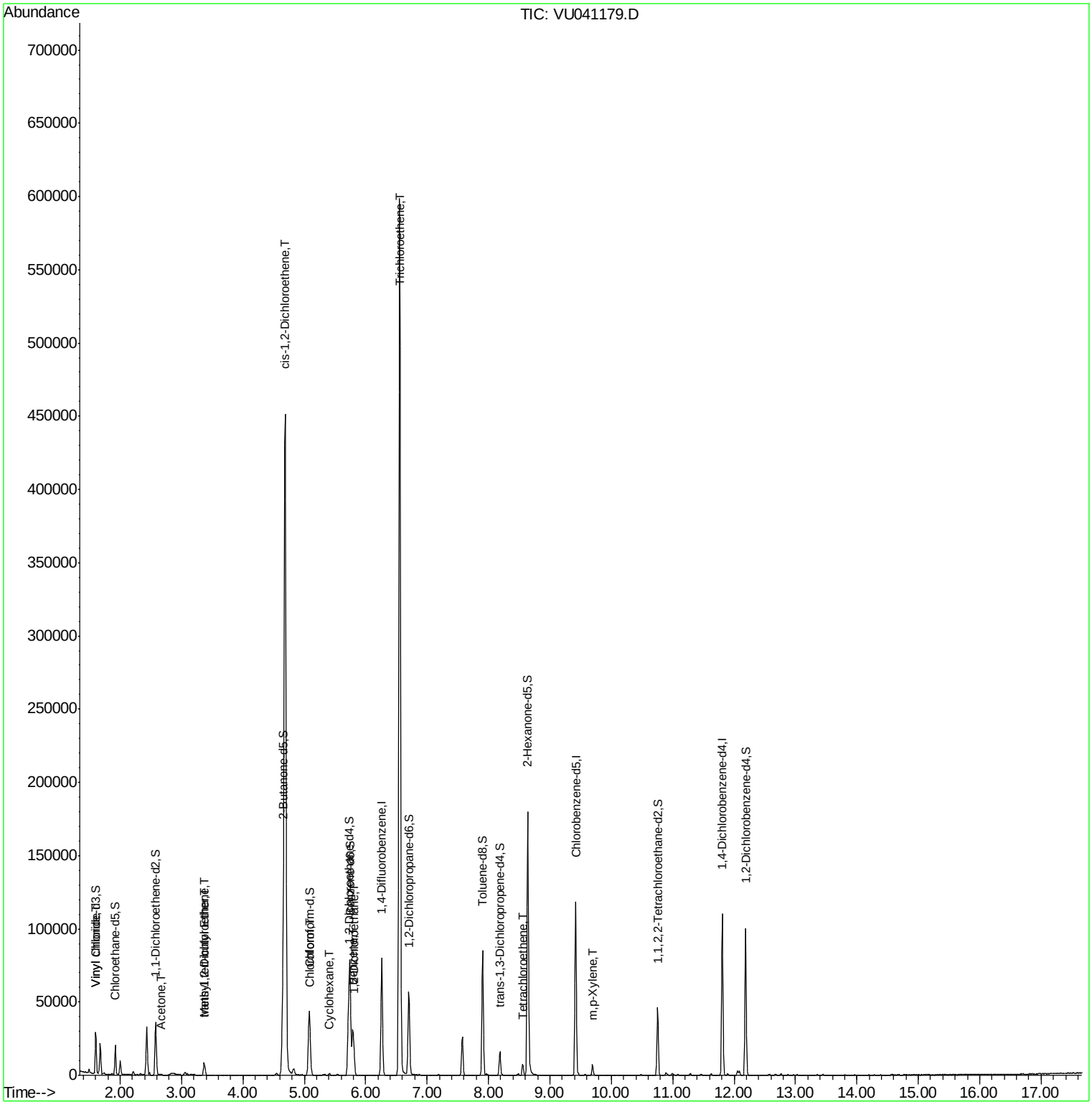
(#) = qualifier out of range (m) = manual integration (+) = signals summed

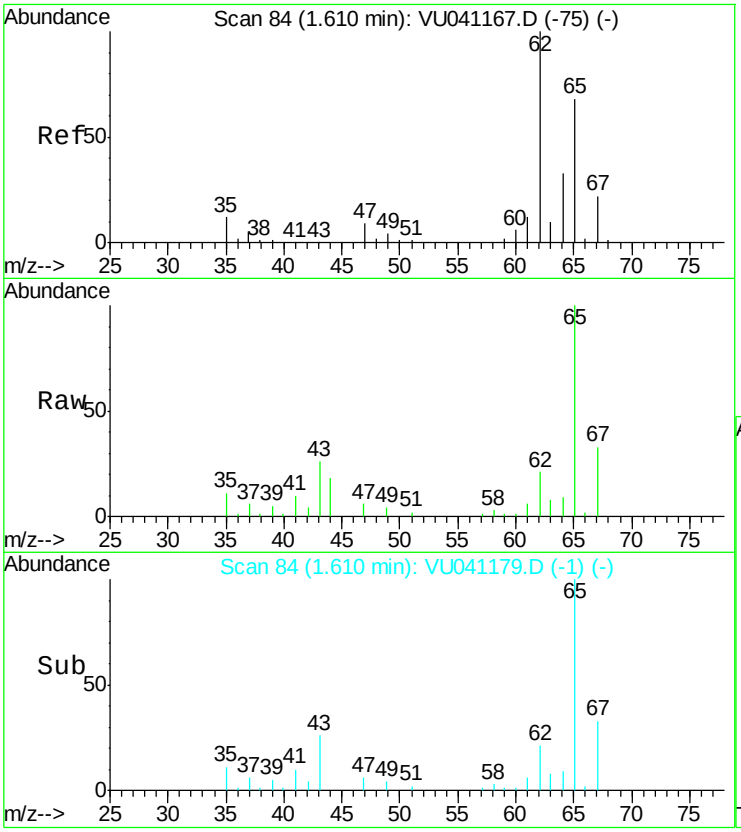
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041179.D
Acq On : 10 Nov 2020 15:32
Operator : SY/MD
Sample : L4646-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0W4

Quant Time: Nov 11 04:20:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration



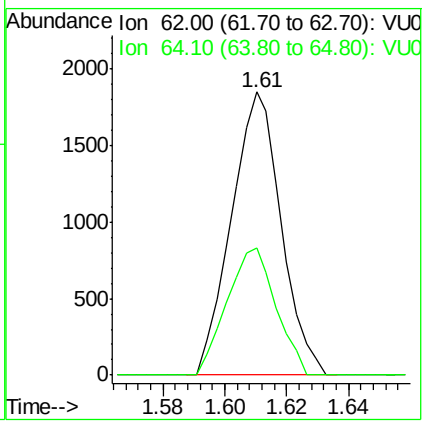


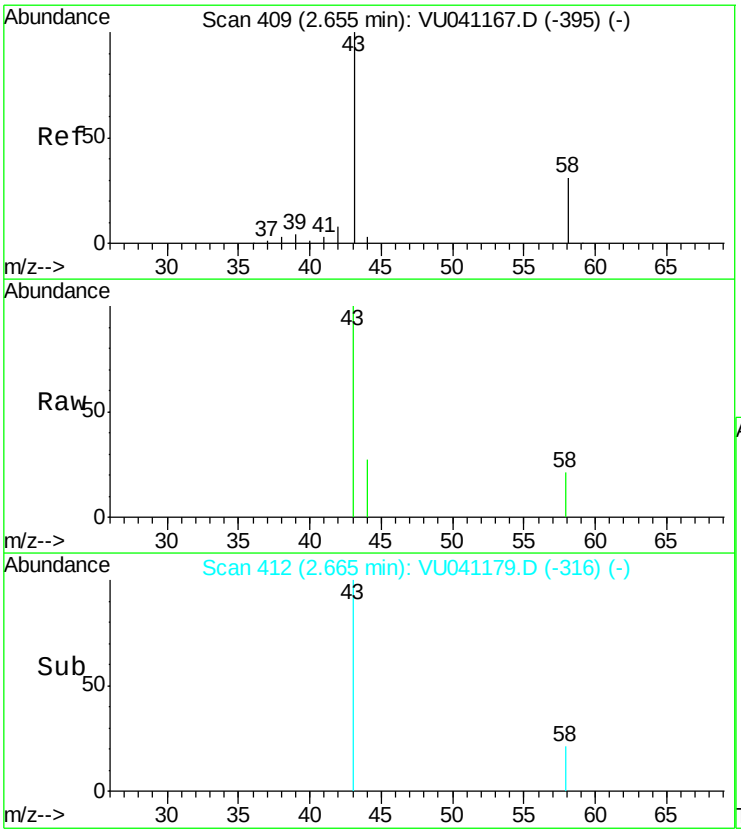
#5
Vinyl chloride
Concen: 0.368 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Instrument :
MSVOA_U
ClientSampleId :
GB0W4

Tgt Ion: 62 Resp: 2058

Ion	Ratio	Lower	Upper
62	100		
64	45.2	22.7	42.3#

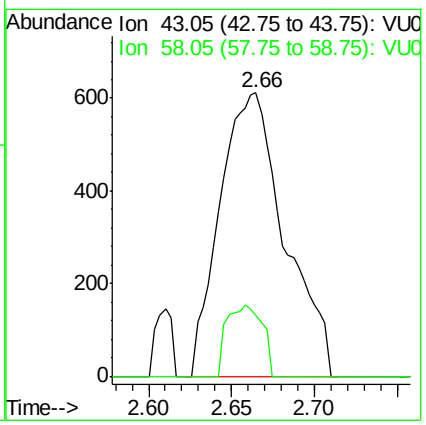


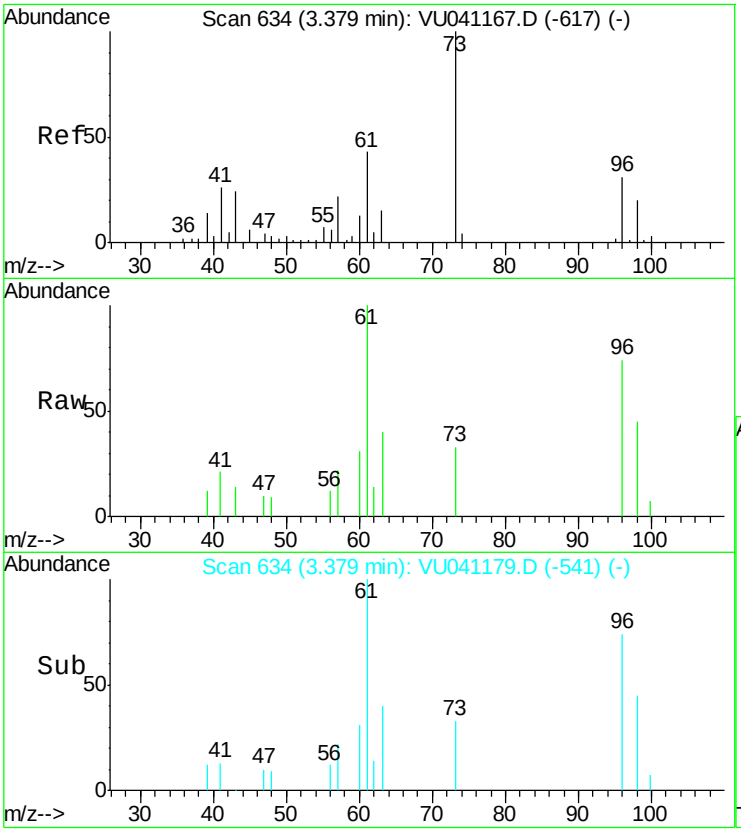


#13
Acetone
Concen: 1.475 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Tgt Ion: 43 Resp: 1663

Ion	Ratio	Lower	Upper
43	100		
58	13.5	0.0	25.4



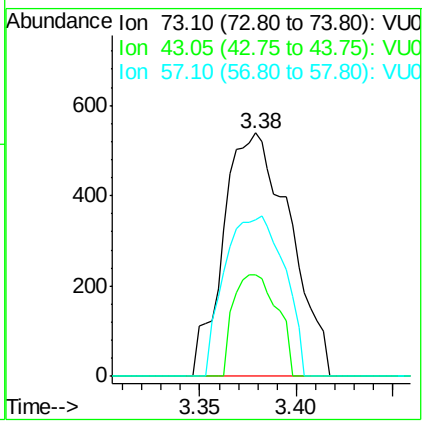


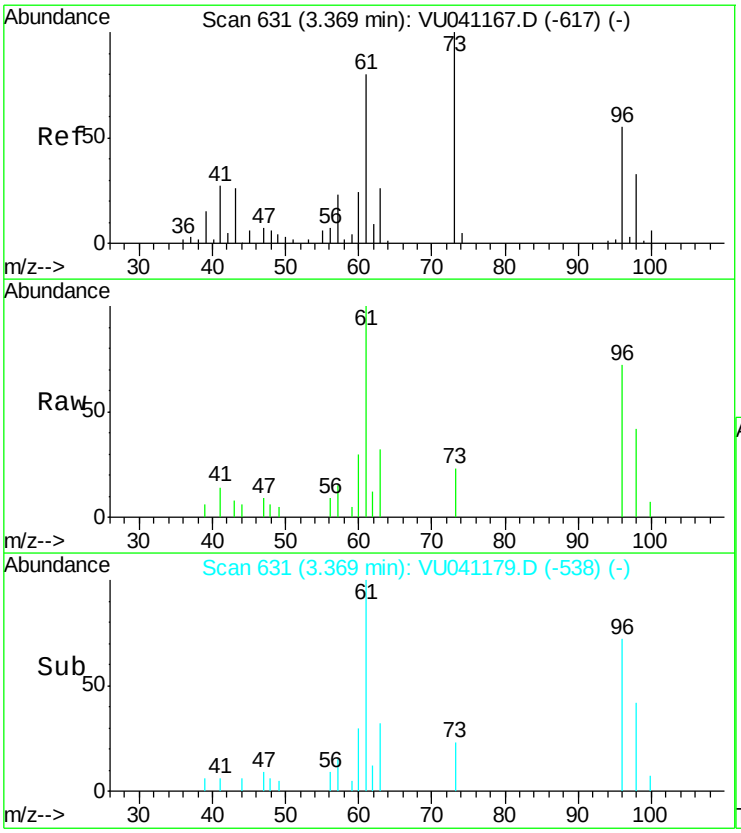
#17
Methyl tert-butyl Ether
Concen: 0.119 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Instrument :
MSVOA_U
ClientSampleId :
GB0W4

Tgt Ion: 73 Resp: 1293

Ion	Ratio	Lower	Upper
73	100		
43	27.1	18.5	27.7
57	58.9	18.4	27.6#

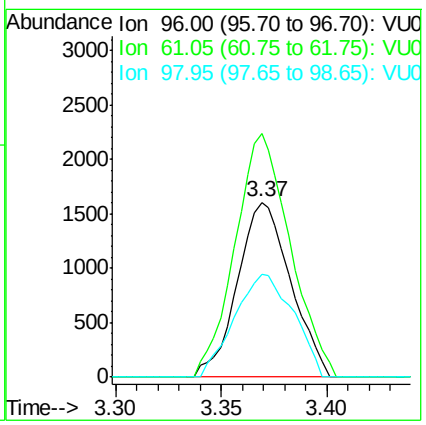


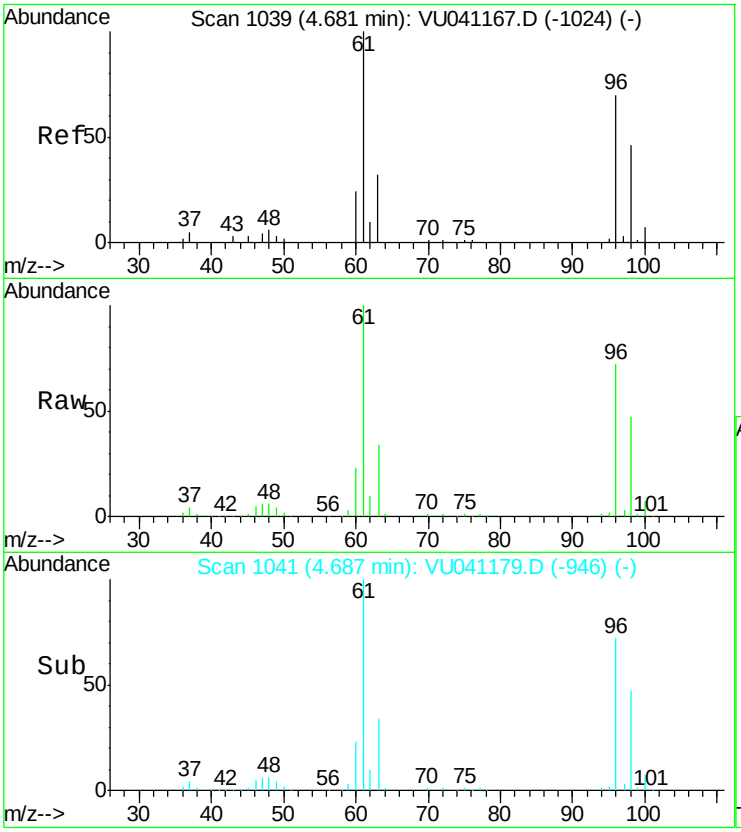


#18
trans-1,2-Dichloroethene
Concen: 0.657 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Tgt Ion: 96 Resp: 2814

Ion	Ratio	Lower	Upper
96	100		
61	139.4	110.9	205.9
98	58.9	45.4	84.2



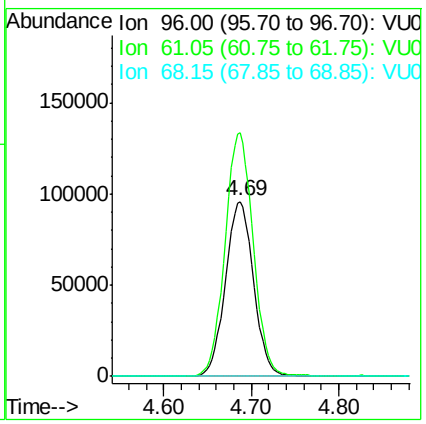


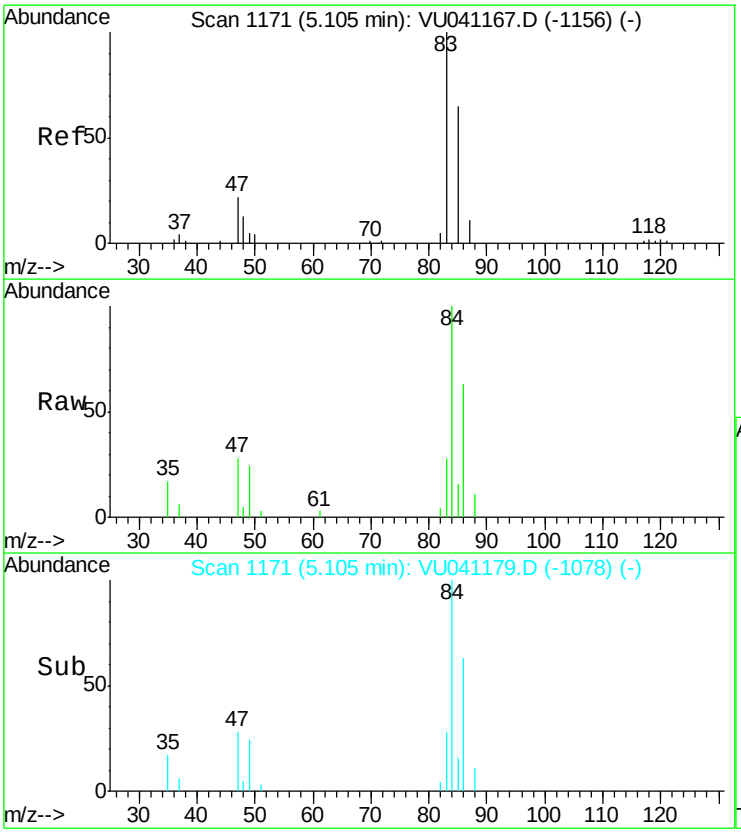
#22
cis-1,2-Dichloroethene
Concen: 48.317 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Instrument :
MSVOA_U
ClientSampleId :
GB0W4

Tgt Ion: 96 Resp: 213314

Ion	Ratio	Lower	Upper
96	100		
61	139.2	97.2	180.4
68	0.0	0.0	0.0

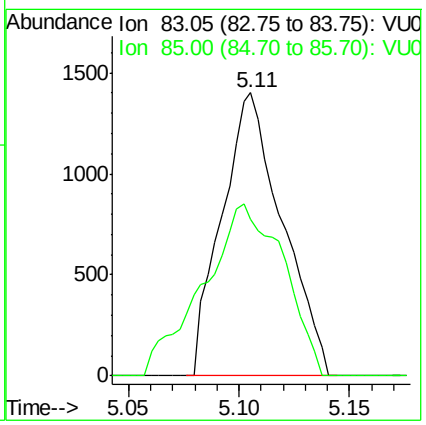


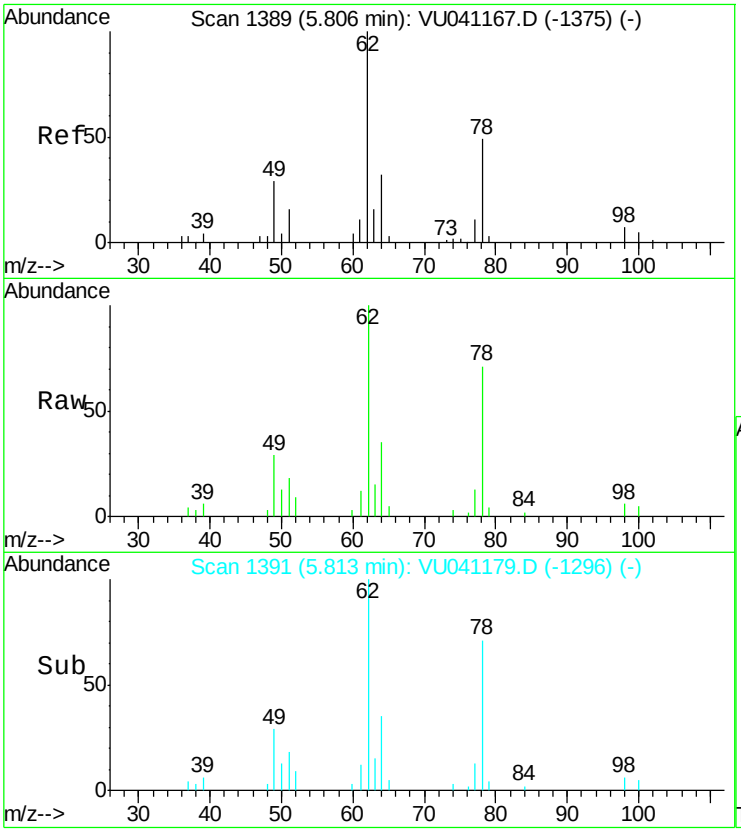


#25
Chloroform
Concen: 0.310 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Tgt Ion: 83 Resp: 2663

Ion	Ratio	Lower	Upper
83	100		
85	55.2	46.1	85.7



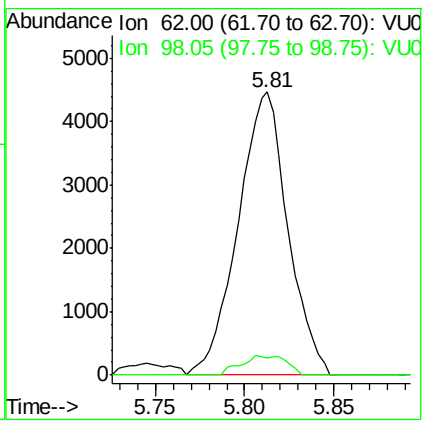


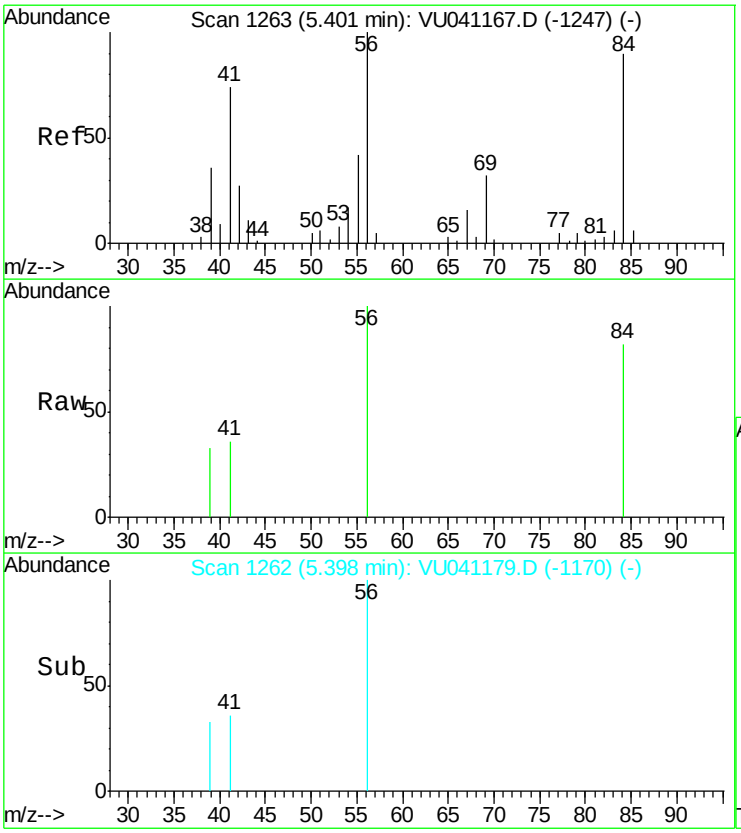
#27
1,2-Dichloroethane
Concen: 1.358 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Instrument : MSVOA_U
ClientSampleId : GB0W4

Tgt Ion: 62 Resp: 8682

Ion	Ratio	Lower	Upper
62	100		
98	6.2	7.6	11.4#

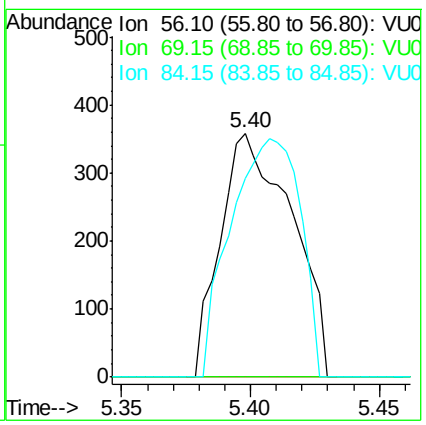


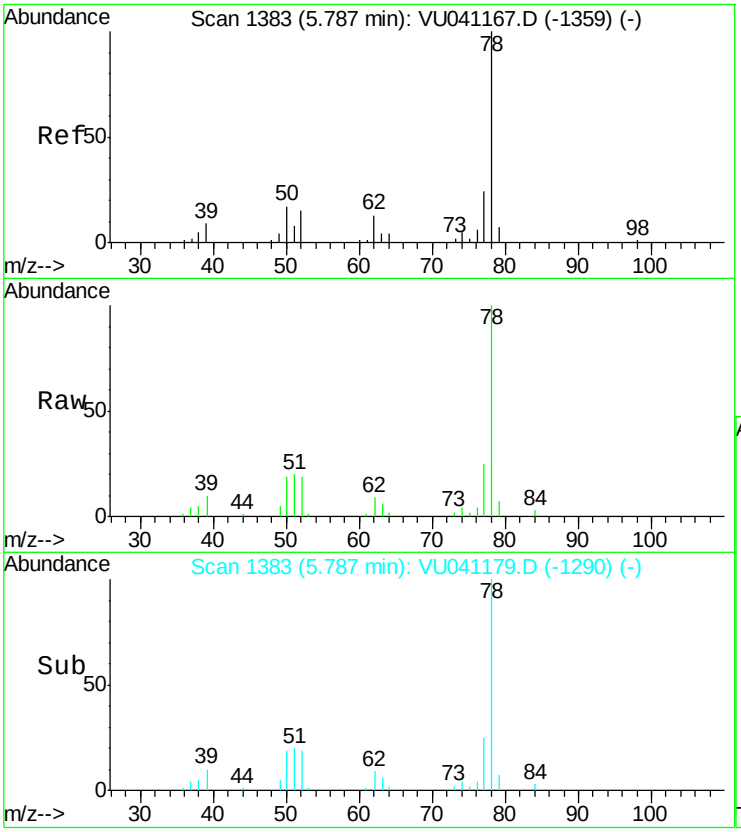


#30
Cyclohexane
Concen: 0.098 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Tgt Ion: 56 Resp: 692

Ion	Ratio	Lower	Upper
56	100		
69	0.0	22.8	34.2#
84	95.4	63.6	95.4

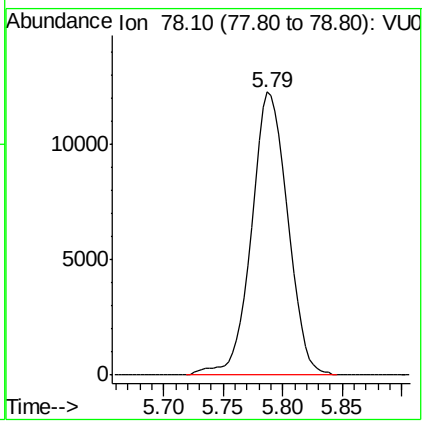


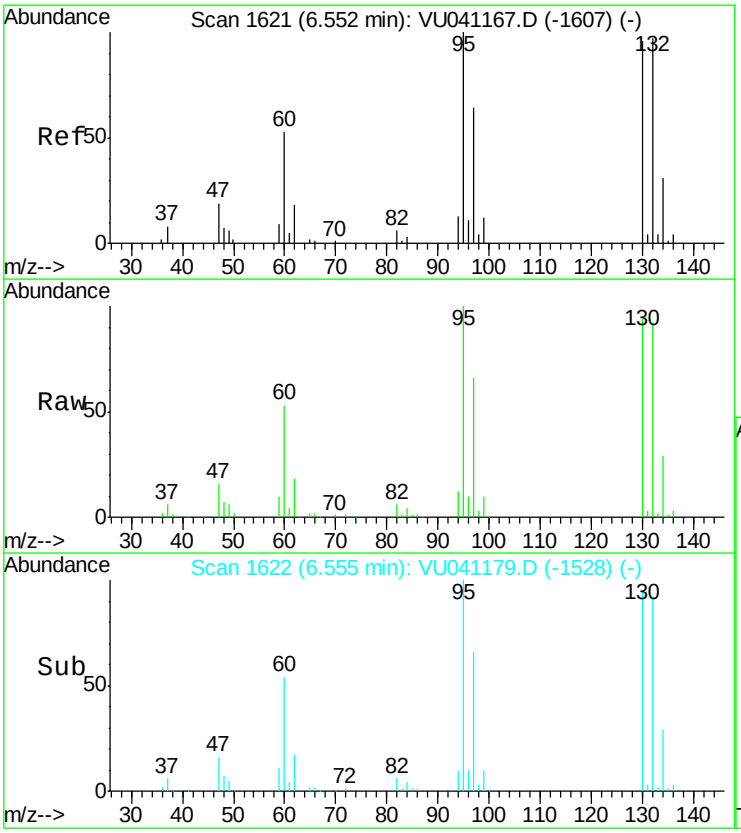


#33
Benzene
Concen: 1.478 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Instrument :
MSVOA_U
ClientSampleId :
GB0W4

Tgt Ion: 78 Resp: 25853

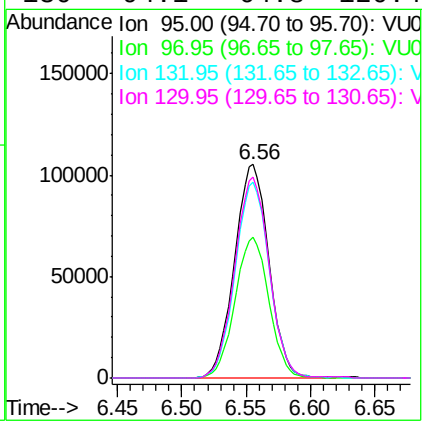


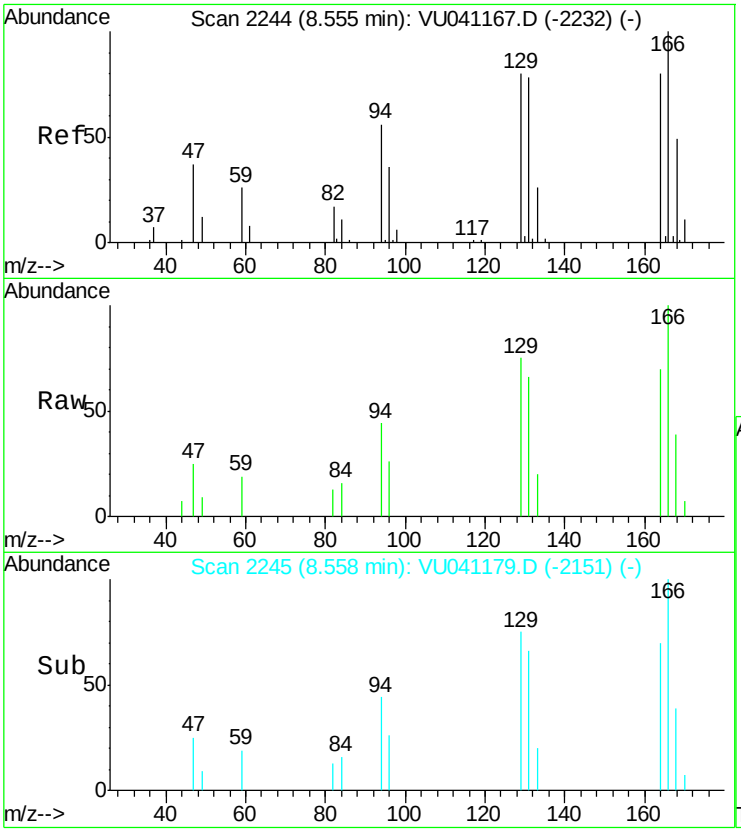


#34
Trichloroethene
Concen: 43.920 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Tgt Ion: 95 Resp: 195511

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.6	84.6
132	91.6	64.8	120.4
130	94.1	64.8	120.4



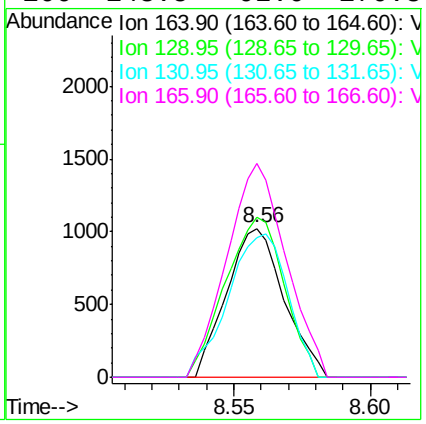


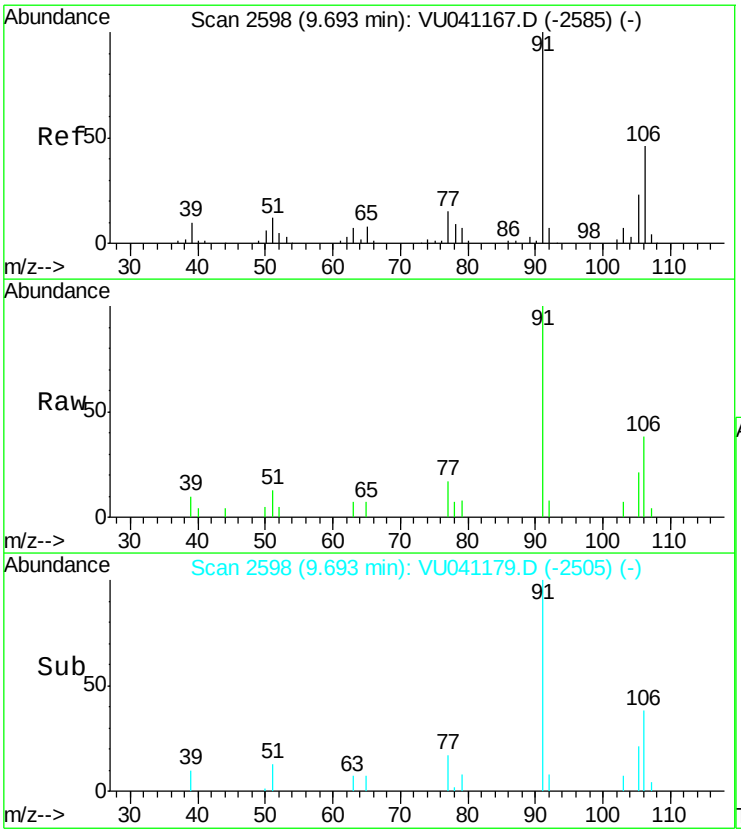
#47
Tetrachloroethene
Concen: 0.457 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Instrument : MSVOA_U
ClientSampleId : GB0W4

Tgt Ion:164 Resp: 1495

Ion	Ratio	Lower	Upper
164	100		
129	107.7	70.3	130.7
131	94.0	70.8	131.4
166	143.5	92.0	170.8





#53
m,p-Xylene
Concen: 0.276 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU041179.D
Acq: 10 Nov 2020 15:32

Tgt Ion:106 Resp: 1881

Ion	Ratio	Lower	Upper
106	100		
91	260.6	150.9	280.3