Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102419\

Quantitation Report (Not Reviewed)

Data File : VU035470.D
Acq On : 24 Oct 2019 19:47
Operator : JC/SP
Sample : K5488-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G55DL

Quant Time: Oct 25 07:09:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	208640	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	219660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	61822	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	44116	3.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.40%			
7) Chloroethane-d5	1.93	69	49533	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.20%			
11) 1,1-Dichloroethene-d2	2.59	63	63993	2.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.40%#			
20) 2-Butanone-d5	4.70	46	222367	60.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.64%			
24) Chloroform-d	5.11	84	109395	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.75	65	66865	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	5.77	84	194598	3.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.40%			
36) 1,2-Dichloropropane-d6	6.74	67	76875	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.93	98	147923	3.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 61.60%#			
43) trans-1,3-Dichloropropene-	8.21	79	25059	3.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 64.80%			
46) 2-Hexanone-d5	8.68	63	139721	40.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.86%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	73315	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	48247	4.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	3651	0.202	ug/L #	1
16) Methylene chloride	3.08	84	7687	0.477	ug/L	97
17) Methyl tert-butyl Ether	3.43	73	467039	12.946	ug/L	98
18) trans-1,2-Dichloroethene	3.40	96	1242	0.086	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	29161	1.824	ug/L	97
25) Chloroform	5.14	83	11582	0.404	ug/L	93
35) Methylcyclohexane	6.73	83	17815	0.613	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	8172	0.498	ug/L #	89
48) 2-Hexanone	8.73	43	11225	1.445	ug/L #	55
59) 1,2,3-Trichloropropane	11.85	75	8061	0.705	ug/L #	76

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102419\

Quantitation Report (Not Reviewed)

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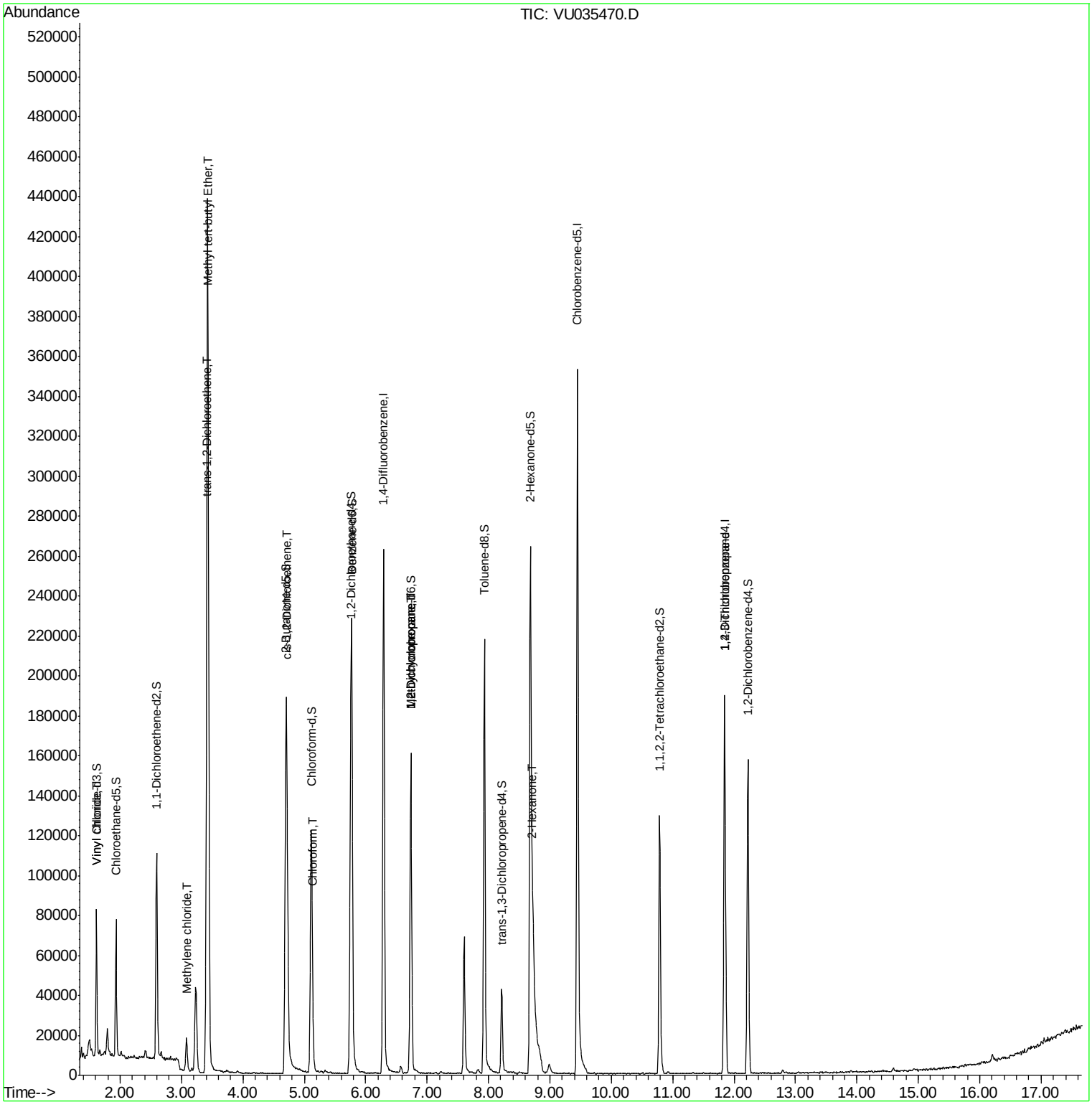
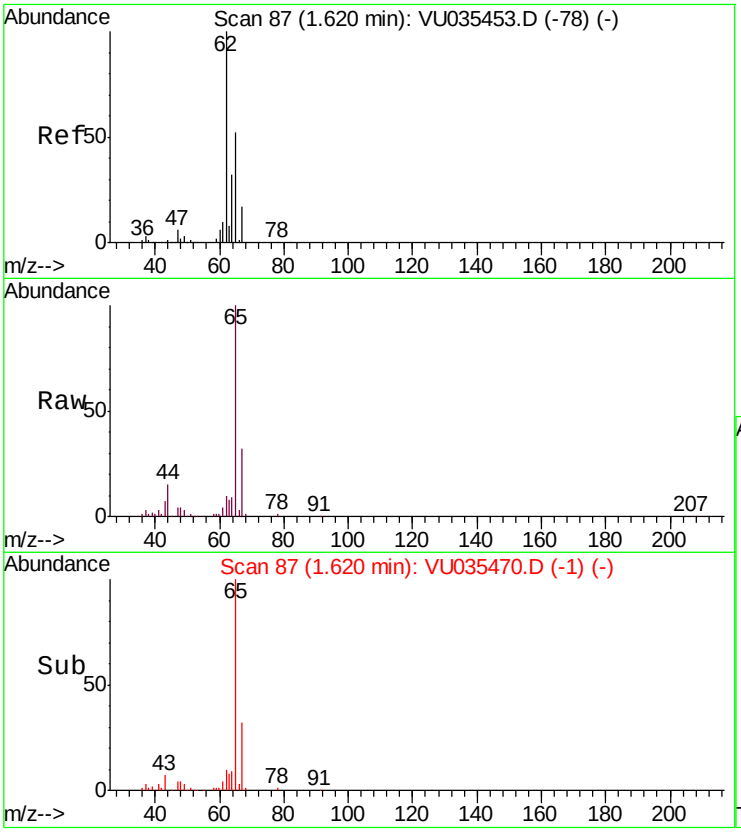
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G55DL

Quant Time: Oct 25 07:09:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration



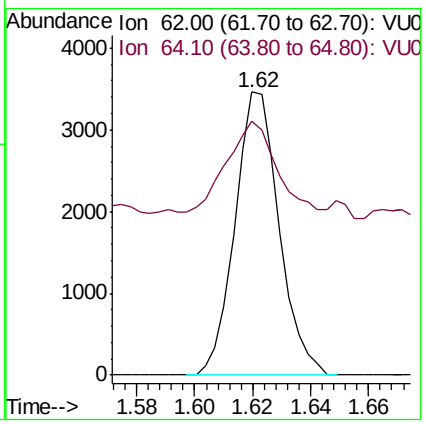


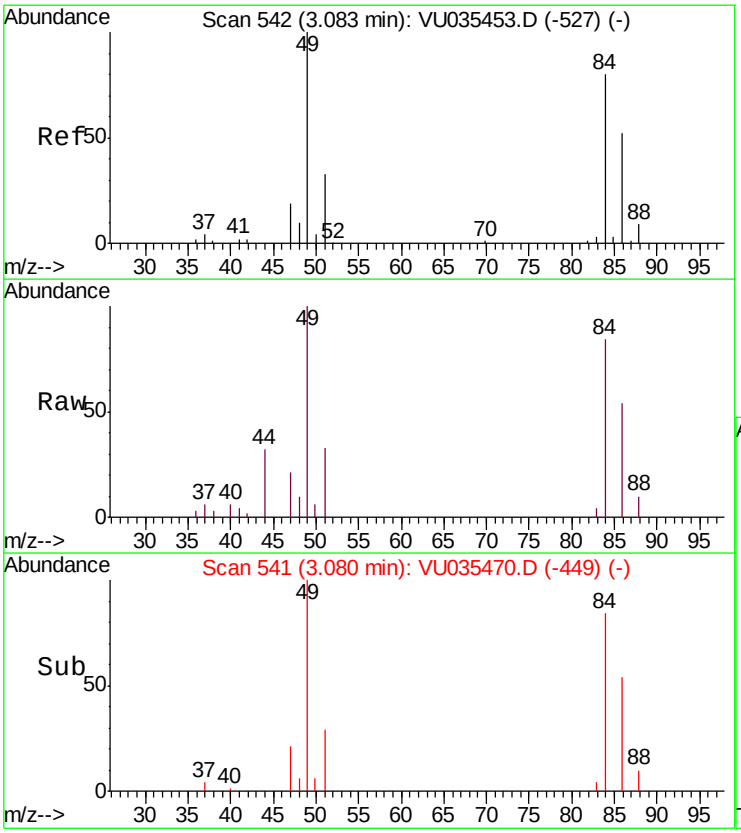
#5
Vinyl chloride
Concen: 0.202 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035470.D
Acq: 24 Oct 2019 19:47

Instrument :
MSVOA_U
ClientSampleId :
H0G55DL

Tgt Ion: 62 Resp: 3651

Ion	Ratio	Lower	Upper
62	100		
64	89.9	22.9	42.5#

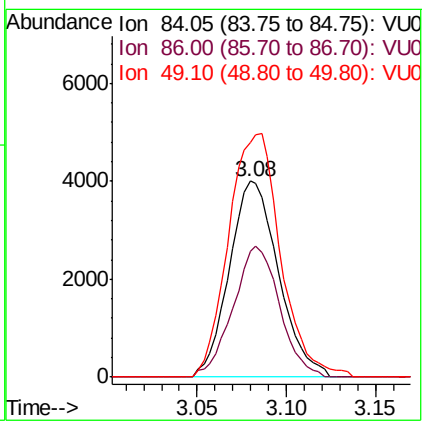


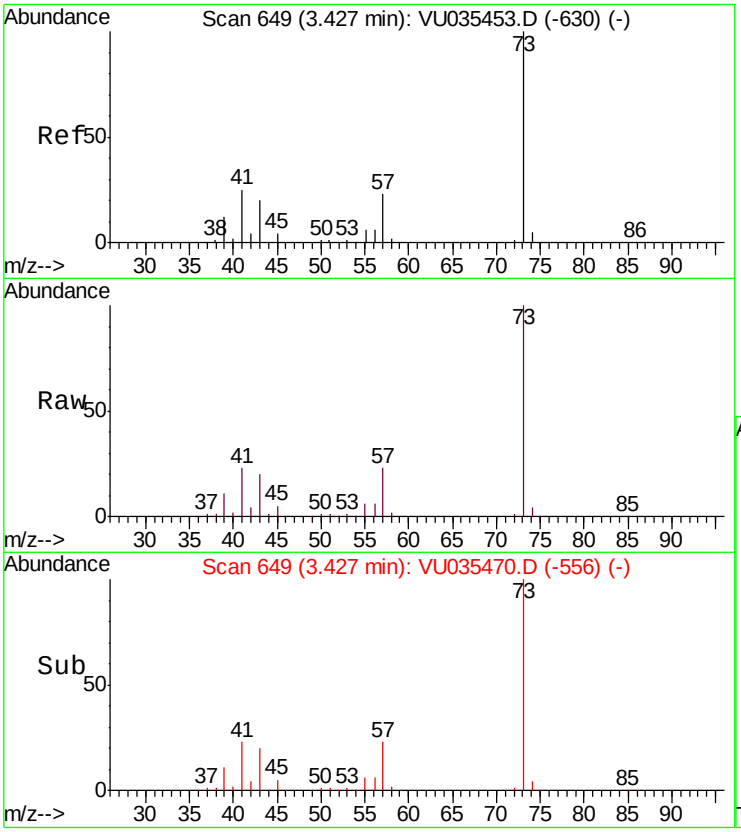


#16
Methylene chloride
Concen: 0.477 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035470.D
Acq: 24 Oct 2019 19:47

Tgt Ion: 84 Resp: 7687

Ion	Ratio	Lower	Upper
84	100		
86	64.3	45.4	84.2
49	119.5	86.8	161.2



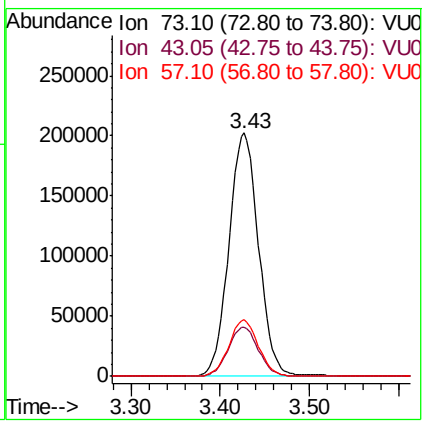


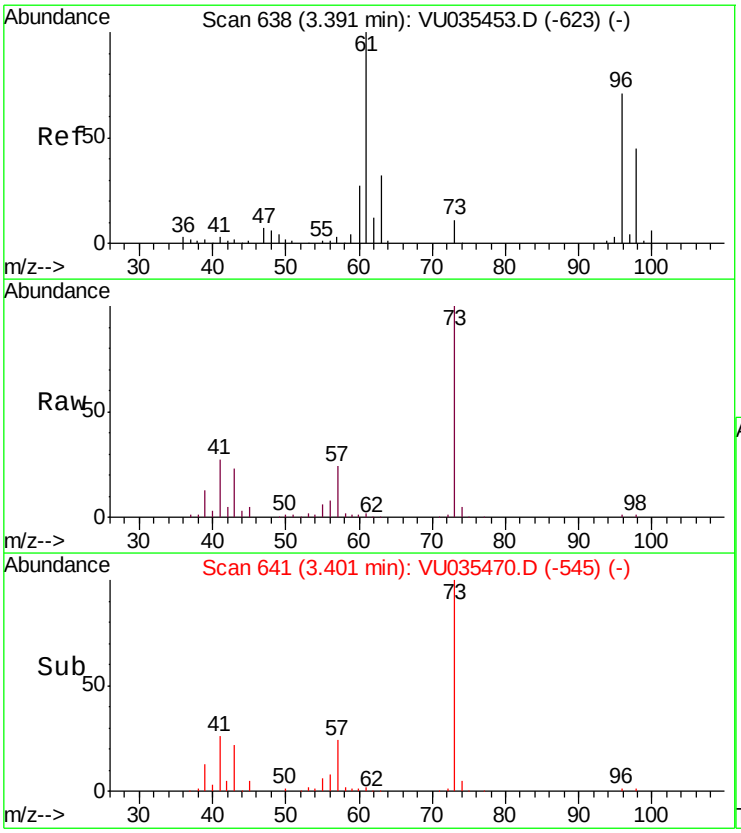
#17
Methyl tert-butyl Ether
Concen: 12.946 ug/L
RT: 3.43 min Scan# 649
Delta R.T. 0.00 min
Lab File: VU035470.D
Acq: 24 Oct 2019 19:47

Instrument :
MSVOA_U
ClientSampleId :
H0G55DL

Tgt Ion: 73 Resp: 467039

Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.0	24.0
57	23.0	17.4	26.2

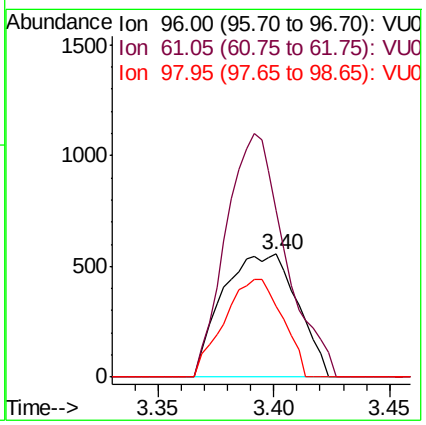


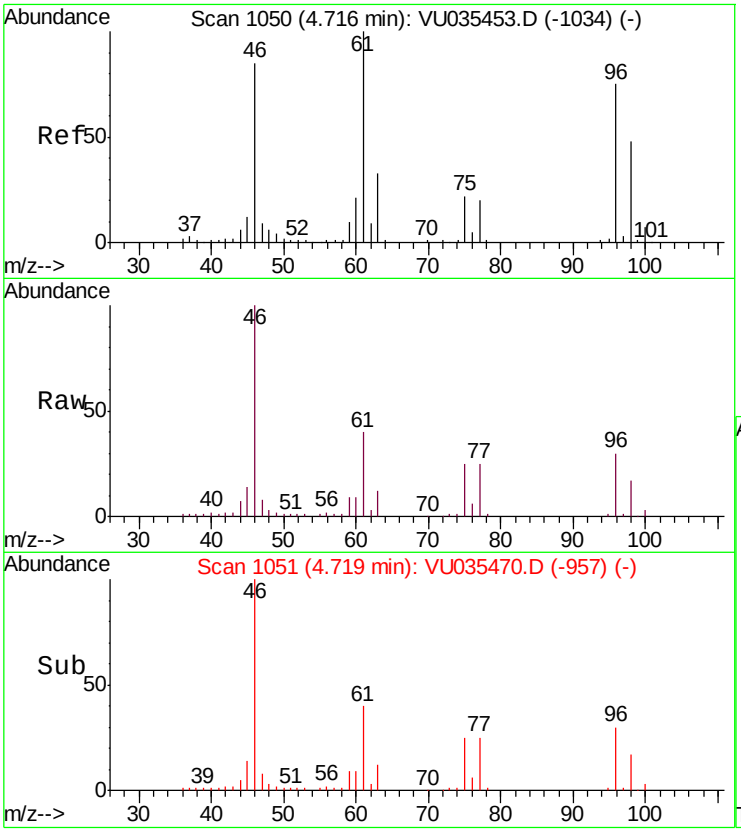


#18
trans-1,2-Dichloroethene
Concen: 0.086 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.01 min
Lab File: VU035470.D
Acq: 24 Oct 2019 19:47

Tgt Ion: 96 Resp: 1242

Ion	Ratio	Lower	Upper
96	100		
61	135.6	93.0	172.6
98	57.6	43.7	81.1



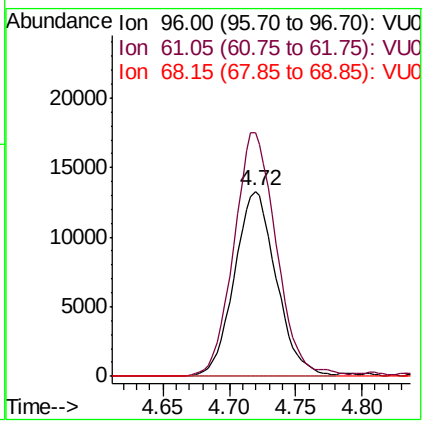


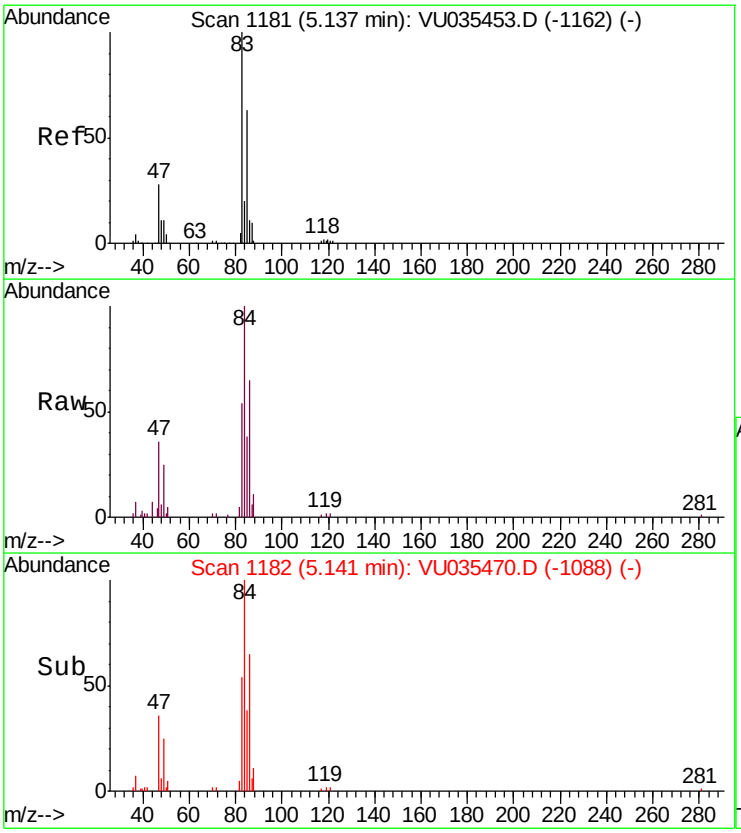
#22
cis-1,2-Dichloroethene
Concen: 1.824 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035470.D
Acq: 24 Oct 2019 19:47

Instrument :
MSVOA_U
ClientSampleId :
H0G55DL

Tgt Ion: 96 Resp: 29161

Ion	Ratio	Lower	Upper
96	100		
61	131.5	89.7	166.5
68	0.0	0.0	0.0

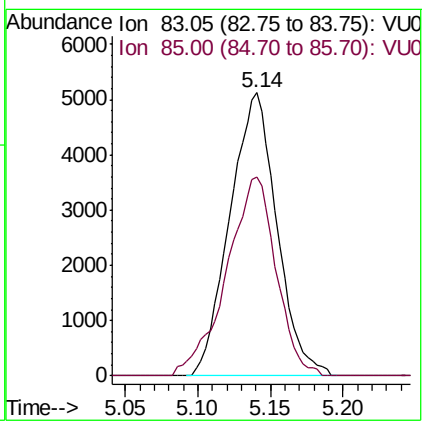


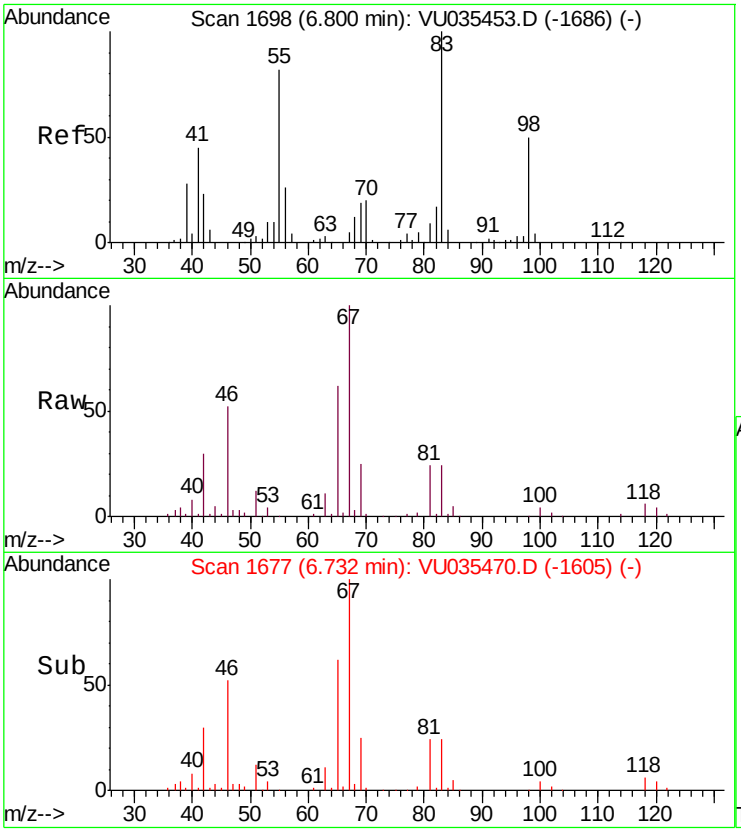


#25
Chloroform
Concen: 0.404 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035470.D
Acq: 24 Oct 2019 19:47

Tgt Ion: 83 Resp: 11582

Ion	Ratio	Lower	Upper
83	100		
85	70.2	45.1	83.9



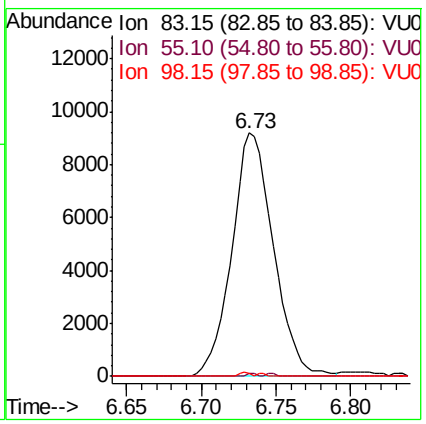


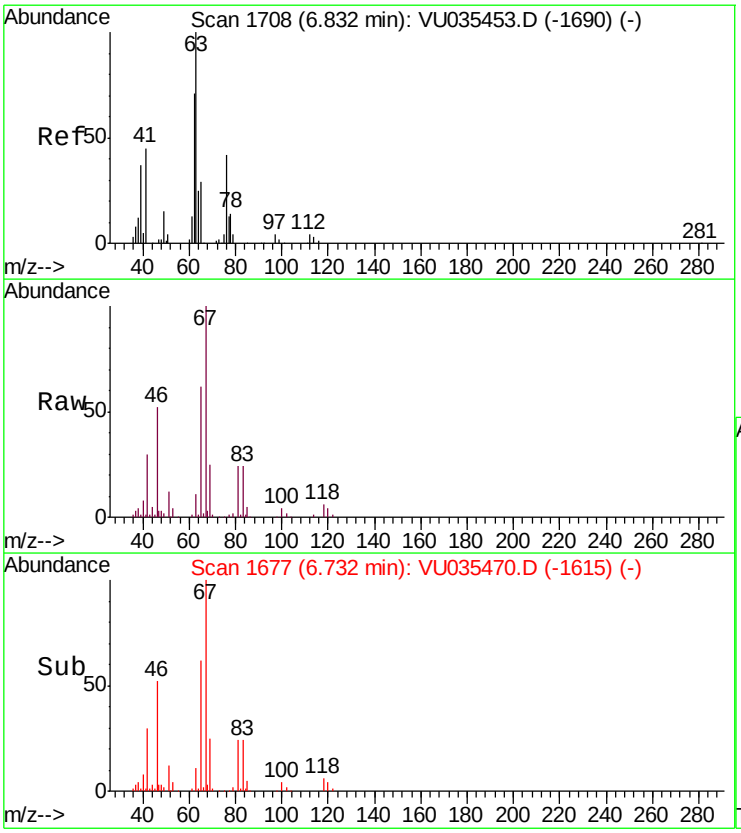
#35
Methylcyclohexane
Concen: 0.613 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035470.D
Acq: 24 Oct 2019 19:47

Instrument : MSVOA_U
ClientSampleId : H0G55DL

Tgt Ion: 83 Resp: 17815

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.4	90.6#
98	0.4	39.5	59.3#

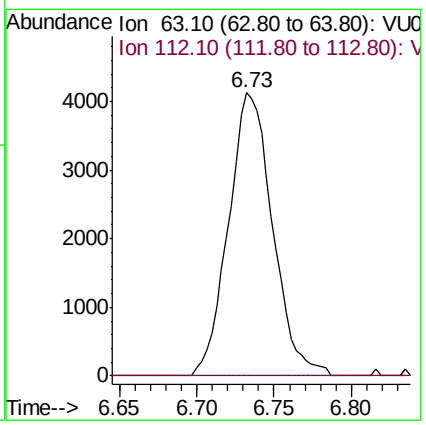


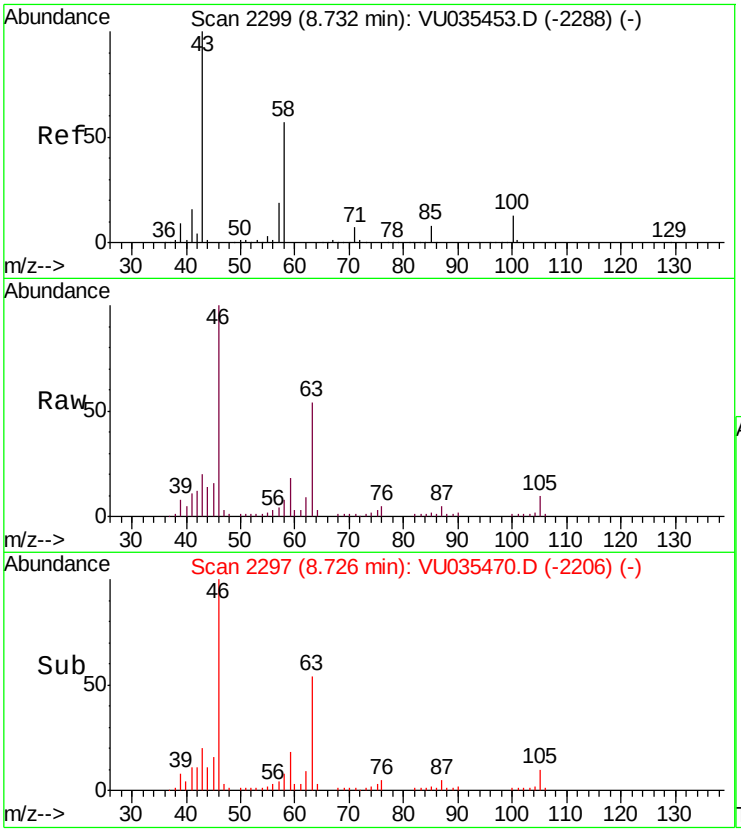


#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035470.D
Acq: 24 Oct 2019 19:47

Tgt Ion: 63 Resp: 8172

Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.7	5.5#



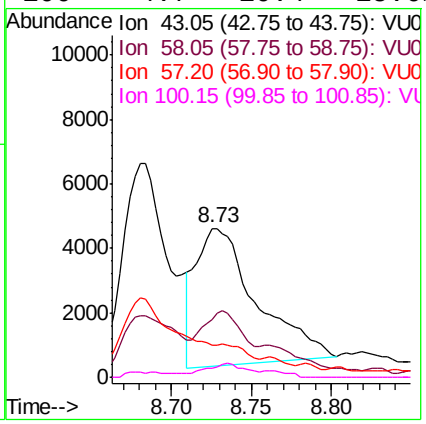


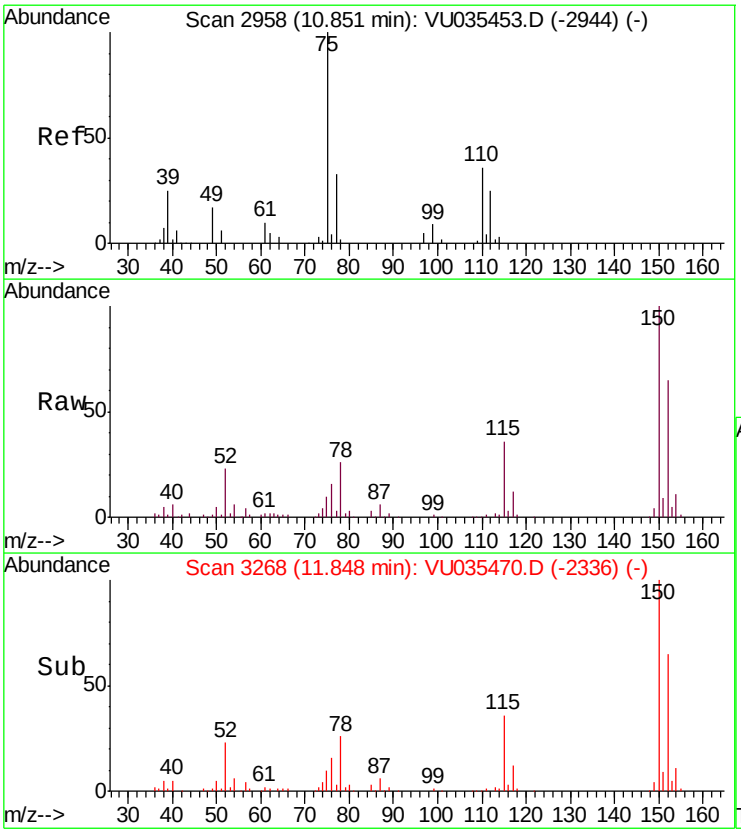
#48
2-Hexanone
Concen: 1.445 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. -0.01 min
Lab File: VU035470.D
Acq: 24 Oct 2019 19:47

Instrument : MSVOA_U
ClientSampleId : H0G55DL

Tgt Ion: 43 Resp: 11225

Ion	Ratio	Lower	Upper
43	100		
58	18.8	45.1	67.7#
57	0.0	16.0	24.0#
100	4.7	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.705 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. 1.00 min
Lab File: VU035470.D
Acq: 24 Oct 2019 19:47

Tgt Ion: 75 Resp: 8061

Ion	Ratio	Lower	Upper
75	100		
77	19.2	26.2	39.2#