Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035372.D
Acq On : 22 Oct 2019 18:48
Operator : JC/SP
Sample : K5461-21DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:05:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	269204	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.45	117	271915	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	101374	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	102163	6.22	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 124.40%				
7) Chloroethane-d5	1.93	69	90991	6.06	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 121.20%				
11) 1,1-Dichloroethene-d2	2.59	63	131994	4.35	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.00%				
20) 2-Butanone-d5	4.71	46	255211	54.10	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.20%				
24) Chloroform-d	5.11	84	169399	5.65	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.00%				
26) 1,2-Dichloroethane-d4	5.75	65	96237	5.79	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.80%				
32) Benzene-d6	5.77	84	336519	5.41	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.20%				
36) 1,2-Dichloropropane-d6	6.74	67	113144	5.73	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.60%				
41) Toluene-d8	7.93	98	290086	4.88	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%				
43) trans-1,3-Dichloropropene-	8.22	79	41481	4.33	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%				
46) 2-Hexanone-d5	8.68	63	192905	45.65	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.30%				
57) 1,1,2,2-Tetrachloroethane-	10.79	84	95241	5.41	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.20%				
64) 1,2-Dichlorobenzene-d4	12.22	152	99393	5.38	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.60%				
Target Compounds							Qvalue
5) Vinyl chloride	1.62	62	11748	0.503	ug/L	#	32
12) 1,1-Dichloroethene	2.59	96	1173	0.068	ug/L	#	1
16) Methylene chloride	3.08	84	3654	0.176	ug/L		94
18) trans-1,2-Dichloroethene	3.39	96	4534	0.243	ug/L		92
22) cis-1,2-Dichloroethene	4.72	96	137234	6.652	ug/L		99
25) Chloroform	5.14	83	9291	0.251	ug/L		98
34) Trichloroethene	6.58	95	46643	2.168	ug/L		98
35) Methylcyclohexane	6.74	83	26116	0.726	ug/L	#	18
37) 1,2-Dichloropropane	6.74	63	12180	0.600	ug/L	#	86
39) cis-1,3-Dichloropropene	7.60	75	2708	0.080	ug/L	#	42
48) 2-Hexanone	8.73	43	9954	1.035	ug/L	#	79
59) 1,2,3-Trichloropropane	11.84	75	12161	0.859	ug/L	#	85

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

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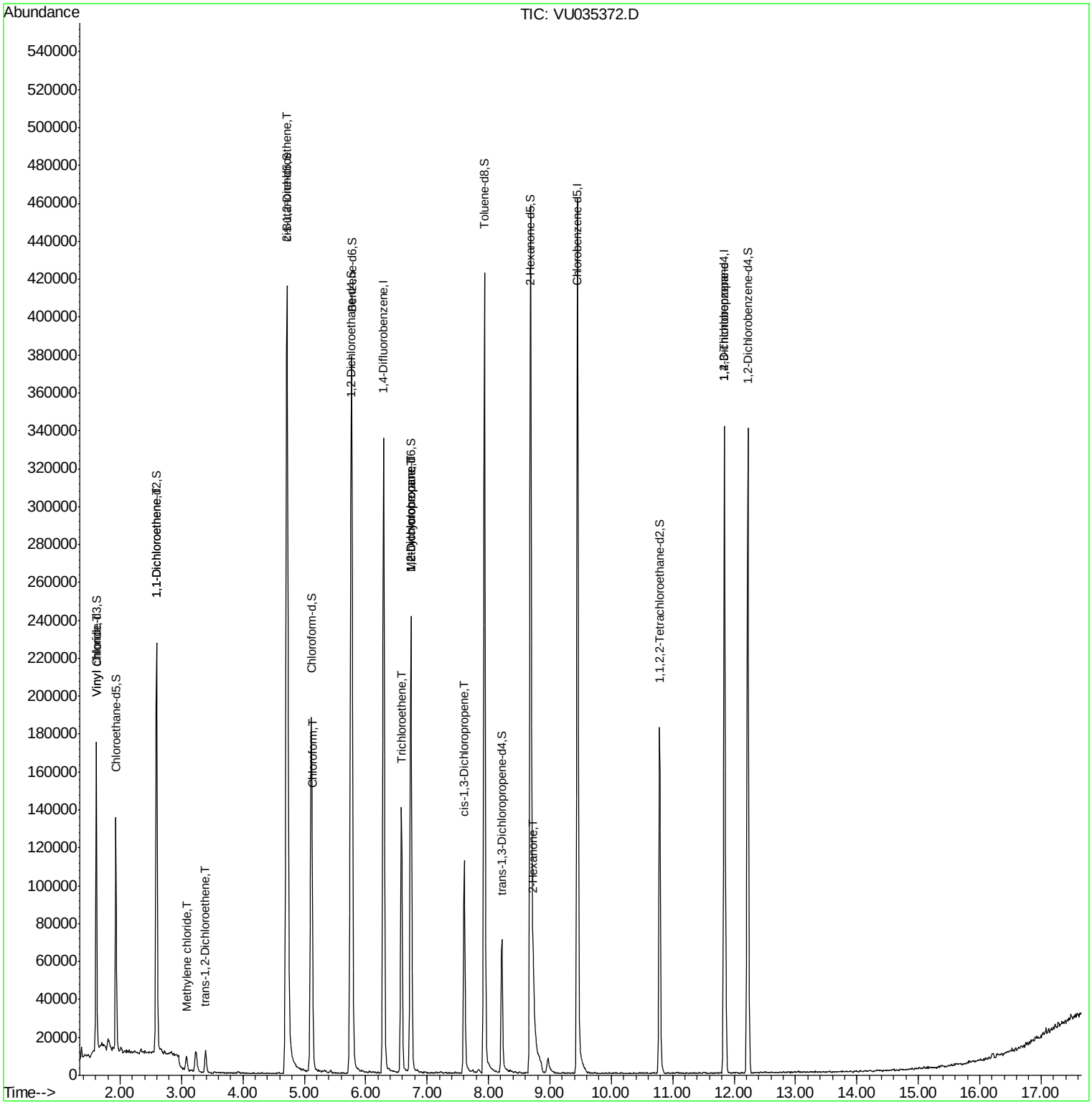
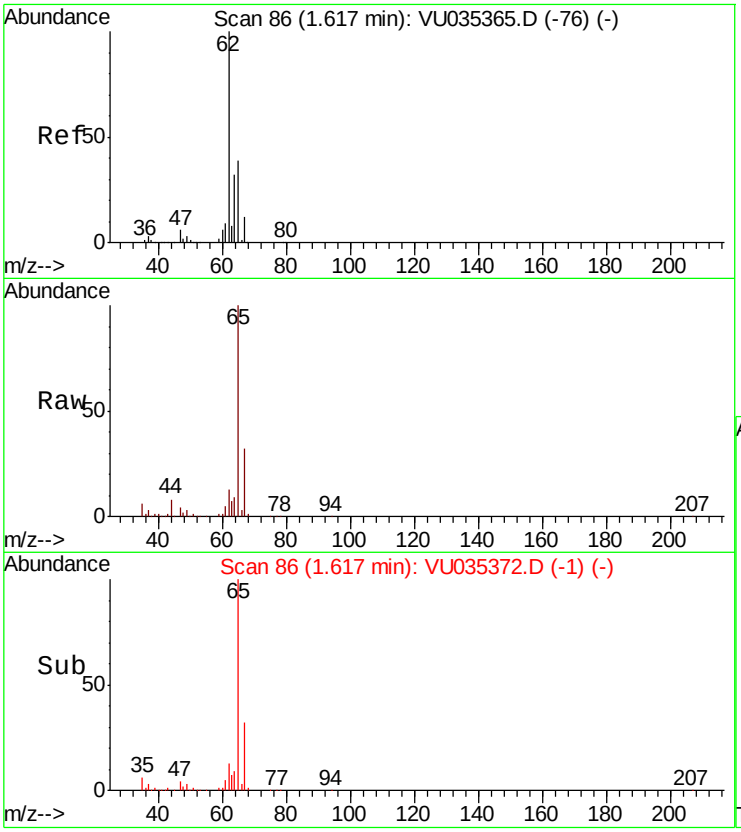
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:05:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration



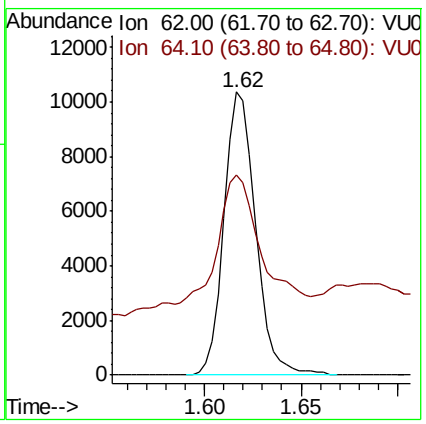


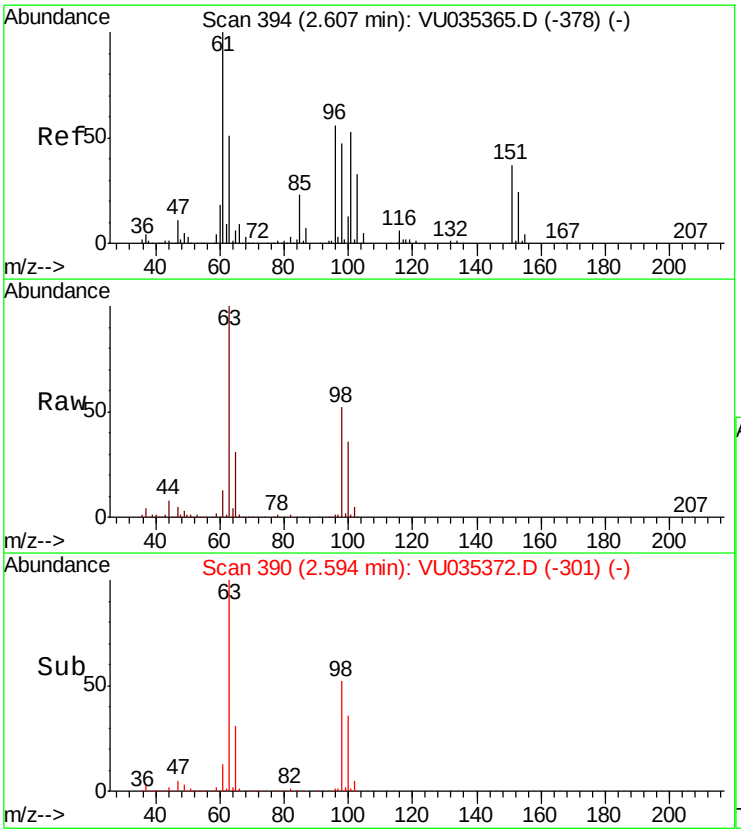
#5
Vinyl chloride
Concen: 0.503 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 11748

Ion	Ratio	Lower	Upper
62	100		
64	70.8	22.9	42.5#

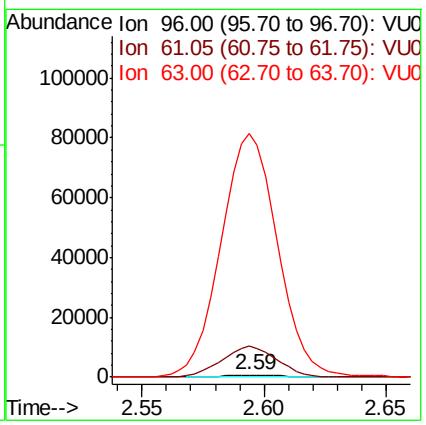


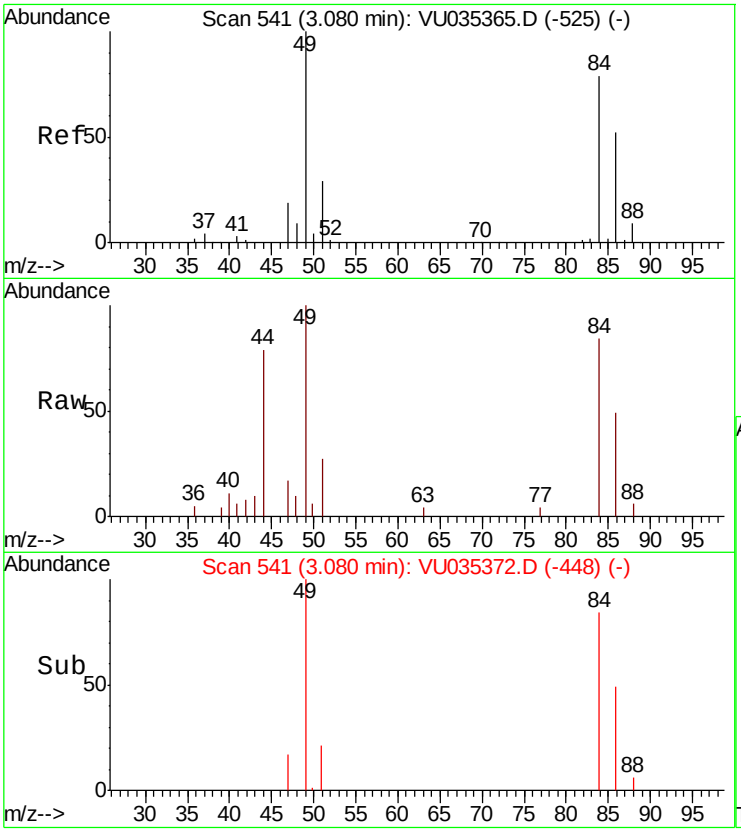


#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Tgt Ion: 96 Resp: 1173

Ion	Ratio	Lower	Upper
96	100		
61	1469.6	120.6	224.0#
63	11634.3	86.8	161.2#



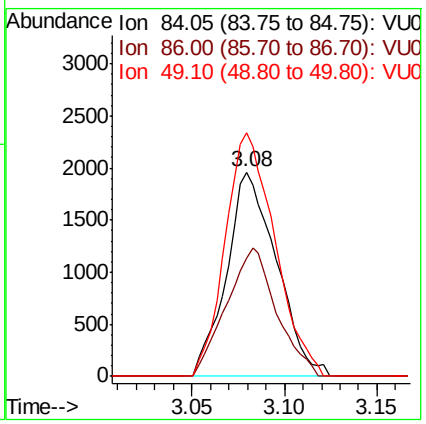


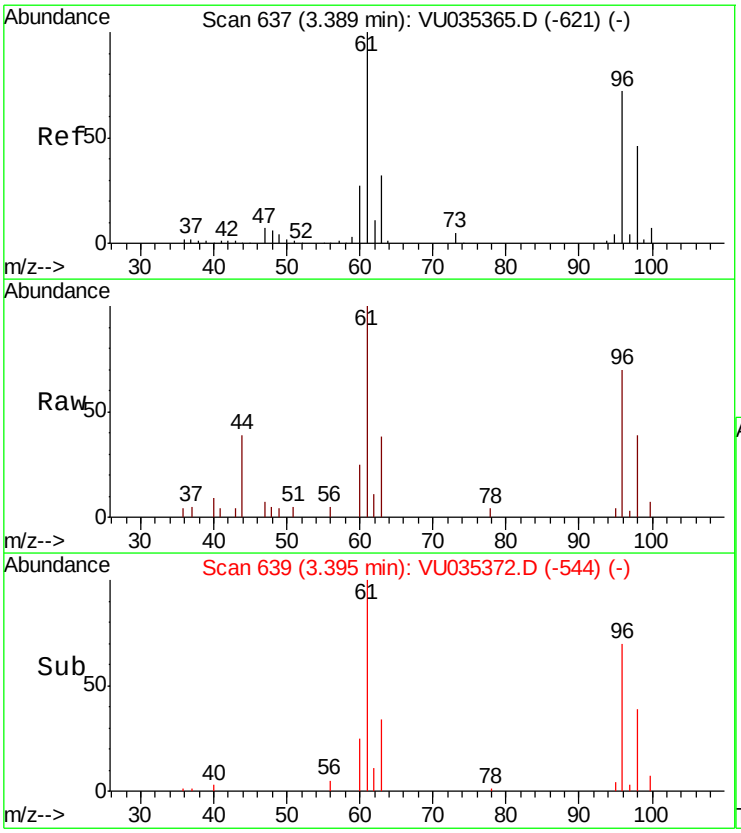
#16
Methylene chloride
Concen: 0.176 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 3654

Ion	Ratio	Lower	Upper
84	100		
86	57.8	45.4	84.2
49	119.1	86.8	161.2

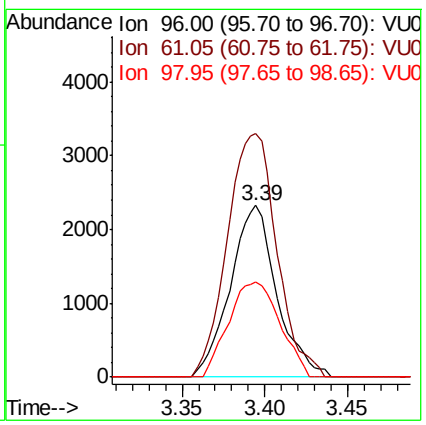


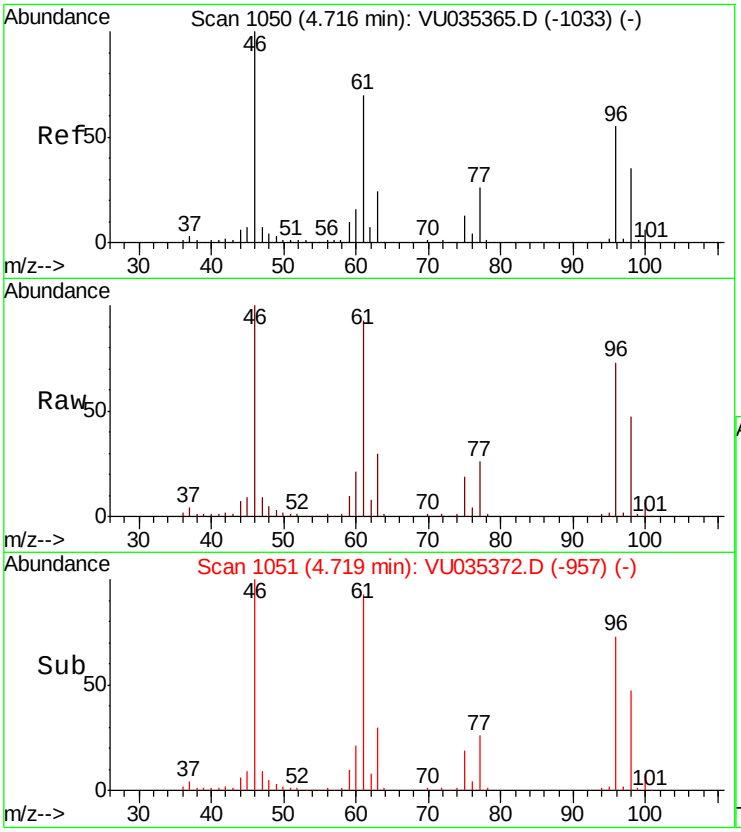


#18
trans-1,2-Dichloroethene
Concen: 0.243 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Tgt Ion: 96 Resp: 4534

Ion	Ratio	Lower	Upper
96	100		
61	141.9	93.0	172.6
98	55.4	43.7	81.1



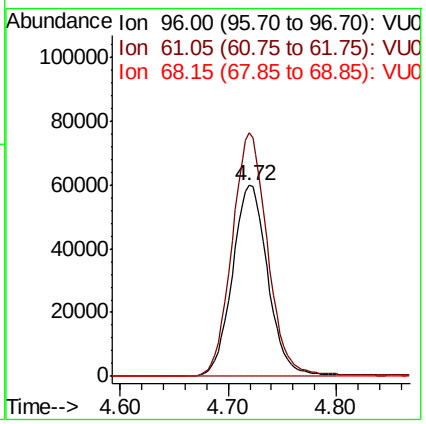


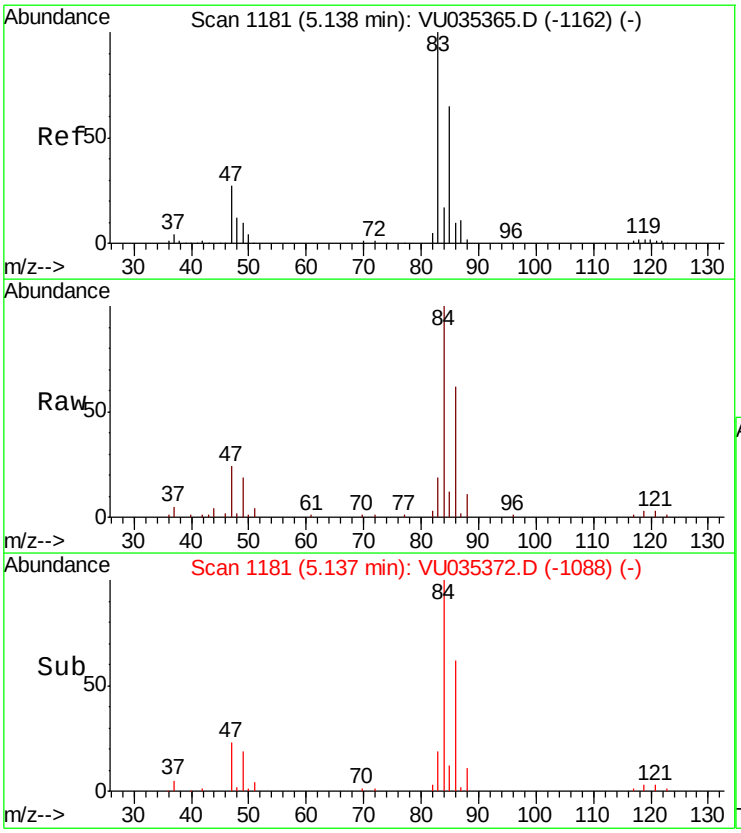
#22
cis-1,2-Dichloroethene
Concen: 6.652 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 137234

Ion	Ratio	Lower	Upper
96	100		
61	127.5	89.7	166.5
68	0.0	0.0	0.0

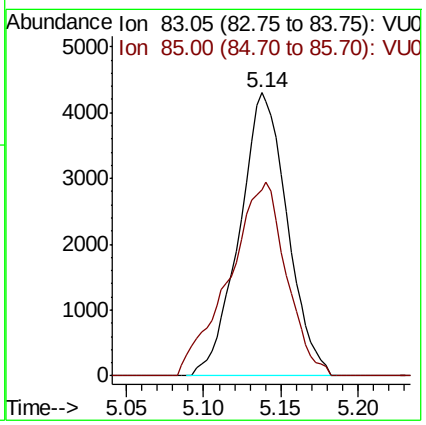


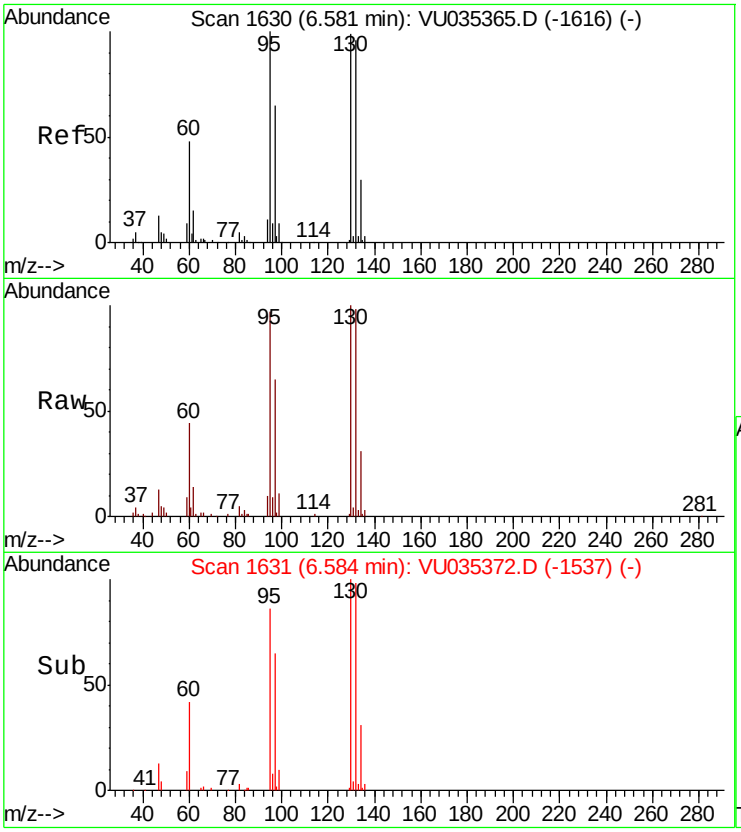


#25
Chloroform
Concen: 0.251 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Tgt Ion: 83 Resp: 9291

Ion	Ratio	Lower	Upper
83	100		
85	65.9	45.1	83.9



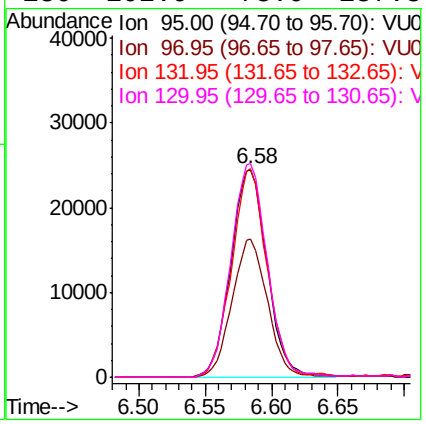


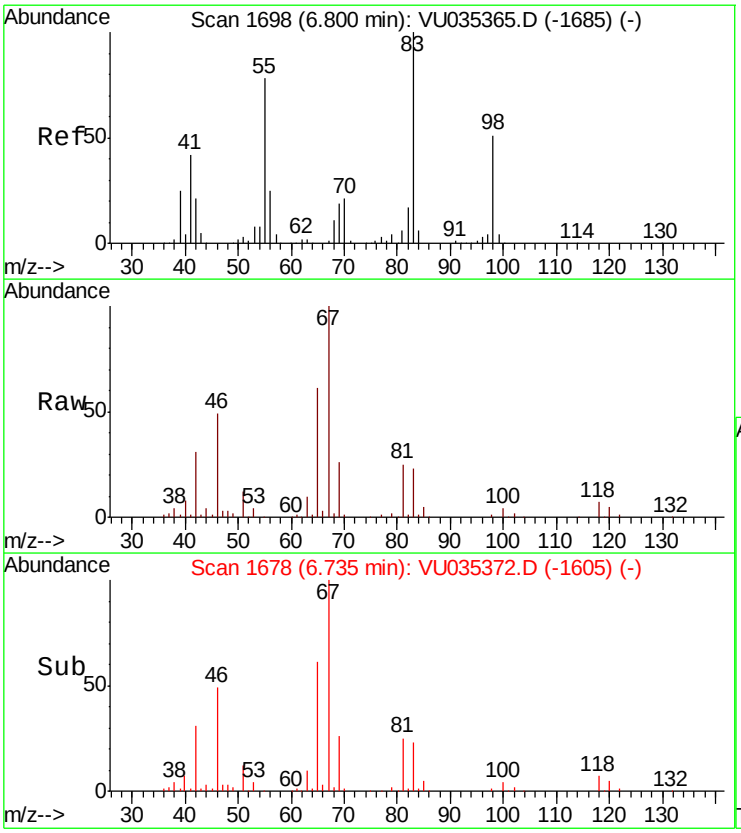
#34
Trichloroethene
Concen: 2.168 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 46643

Ion	Ratio	Lower	Upper
95	100		
97	66.4	46.6	86.6
132	100.7	68.7	127.7
130	102.9	73.9	137.3

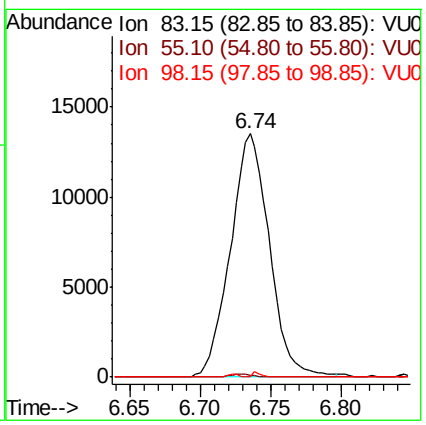


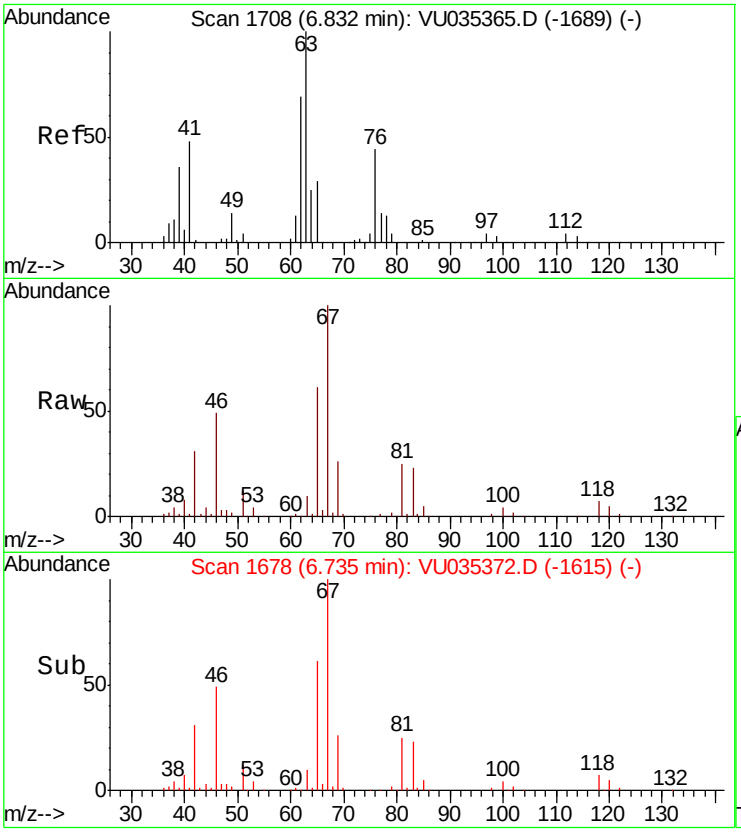


#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Tgt Ion: 83 Resp: 26116

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



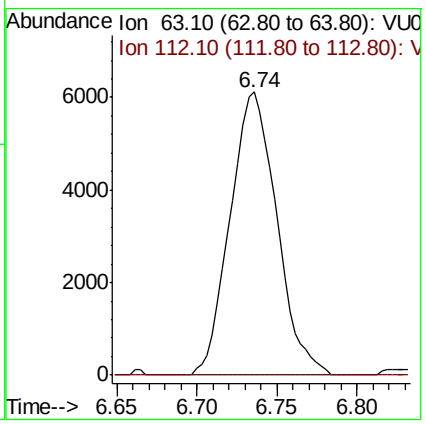


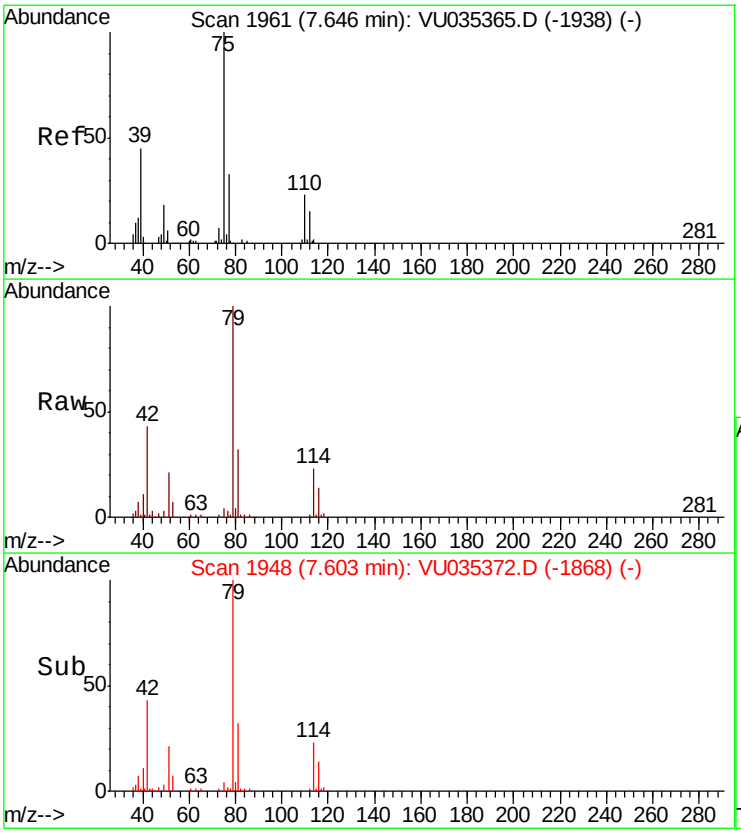
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 12180

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

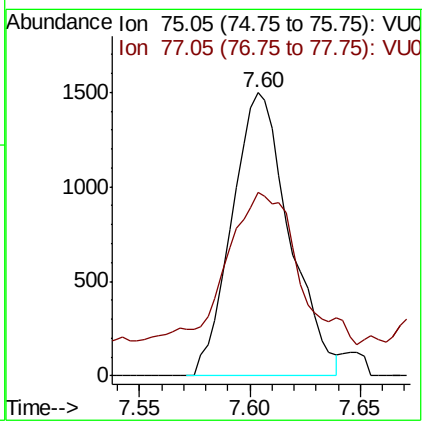


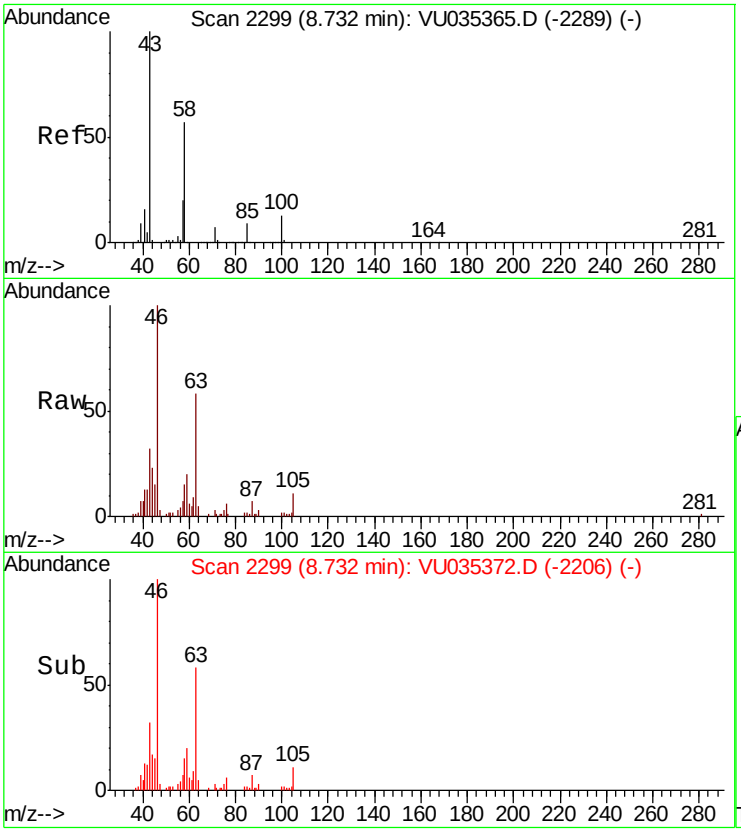


#39
cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Tgt Ion: 75 Resp: 2708

Ion	Ratio	Lower	Upper
75	100		
77	64.7	22.7	42.1#



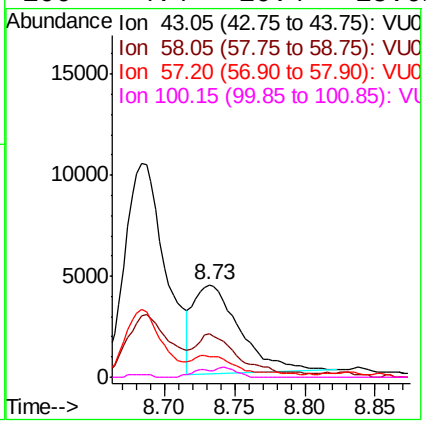


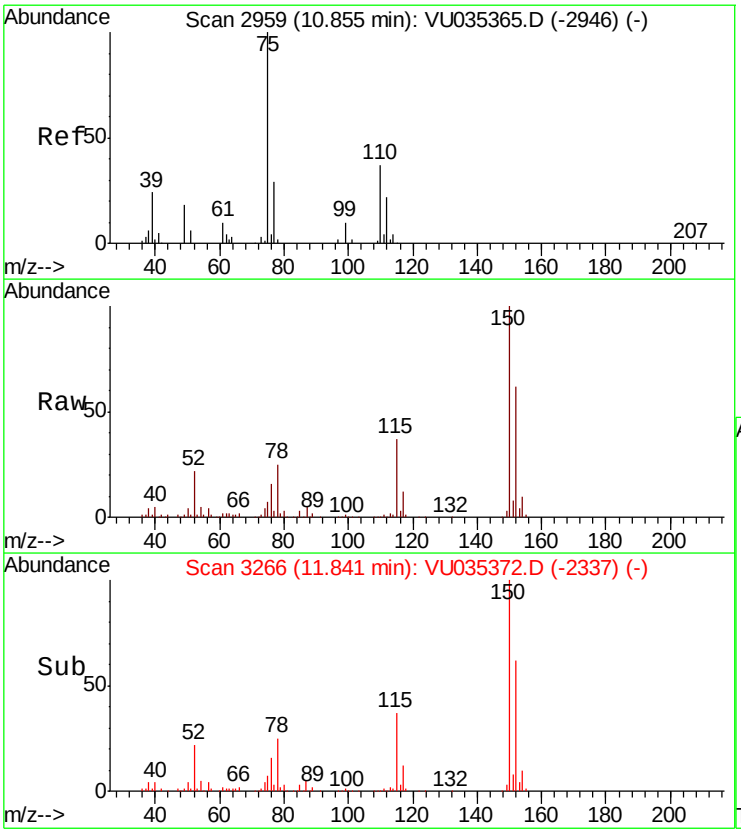
#48
2-Hexanone
Concen: 1.035 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 9954

Ion	Ratio	Lower	Upper
43	100		
58	39.6	45.1	67.7#
57	26.9	16.0	24.0#
100	4.4	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.859 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035372.D
Acq: 22 Oct 2019 18:48

Tgt Ion: 75 Resp: 12161

Ion	Ratio	Lower	Upper
75	100		
77	41.3	26.2	39.2#