Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035379.D
Acq On : 22 Oct 2019 21:42
Operator : JC/SP
Sample : K5461-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:06:45 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	254316	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	250558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	81542	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	111030	7.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 143.20%#			
7) Chloroethane-d5	1.93	69	98267	6.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 138.60%#			
11) 1,1-Dichloroethene-d2	2.60	63	146230	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.00%			
20) 2-Butanone-d5	4.71	46	207820	46.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.28%			
24) Chloroform-d	5.11	84	167199	5.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 118.00%			
26) 1,2-Dichloroethane-d4	5.75	65	98230	6.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 125.20%			
32) Benzene-d6	5.77	84	351532	6.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 122.60%			
36) 1,2-Dichloropropane-d6	6.74	67	115779	6.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 127.20%			
41) Toluene-d8	7.93	98	301360	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.00%			
43) trans-1,3-Dichloropropene-	8.22	79	39498	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.69	63	178106	45.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.48%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93102	5.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	89754	6.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 120.80%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	10414	0.472	ug/L #	37
12) 1,1-Dichloroethene	2.60	96	1446	0.089	ug/L #	1
16) Methylene chloride	3.08	84	2171	0.110	ug/L	89
18) trans-1,2-Dichloroethene	3.39	96	5290	0.300	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	184829	9.484	ug/L	100
25) Chloroform	5.14	83	15049	0.430	ug/L	84
34) Trichloroethene	6.58	95	12676	0.640	ug/L	91
35) Methylcyclohexane	6.74	83	27489	0.830	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	12524	0.669	ug/L #	87
48) 2-Hexanone	8.69	43	15054	1.699	ug/L #	34
59) 1,2,3-Trichloropropane	11.84	75	10178	0.781	ug/L #	84

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

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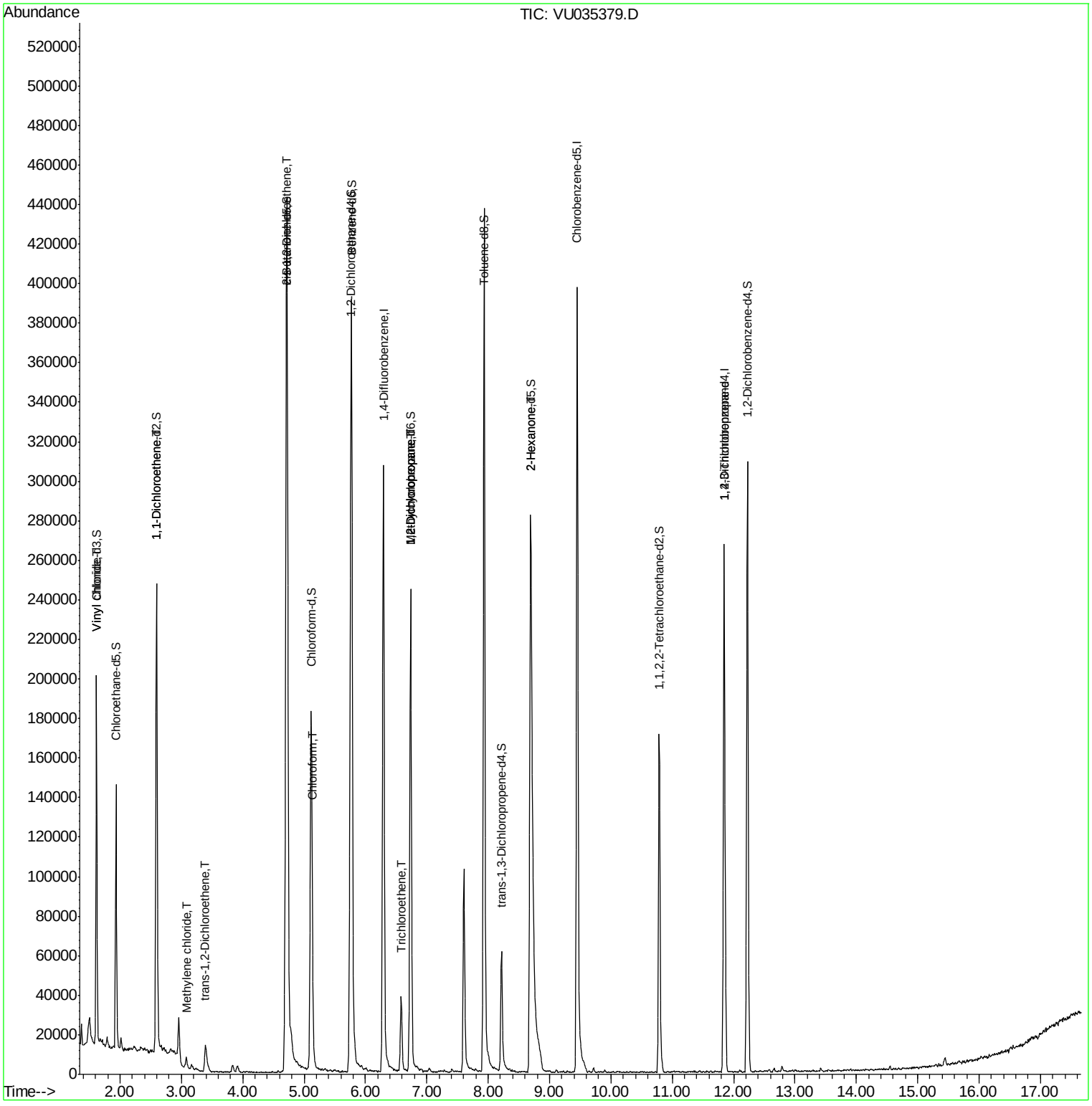
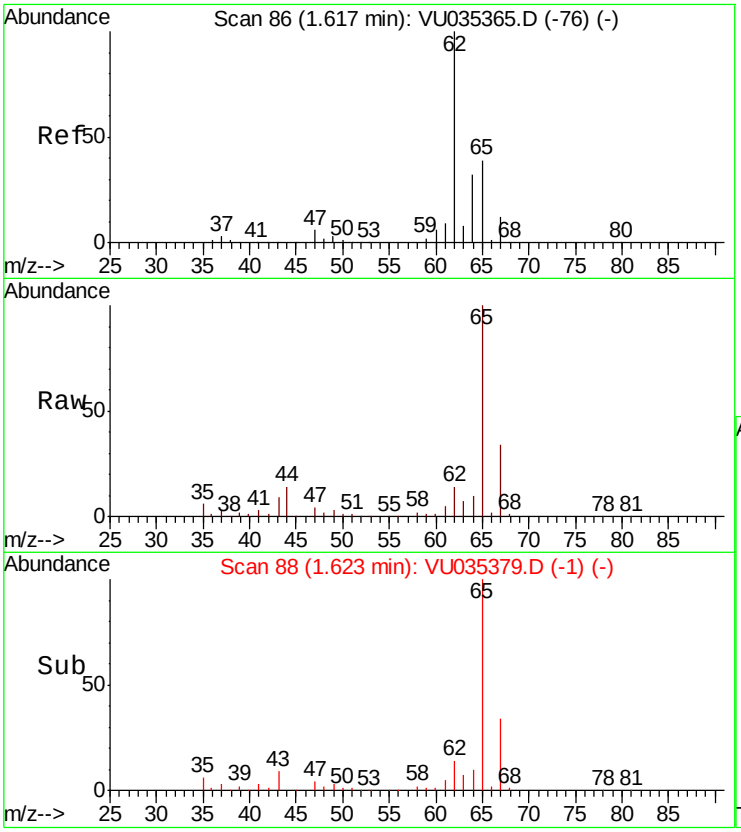
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:06:45 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



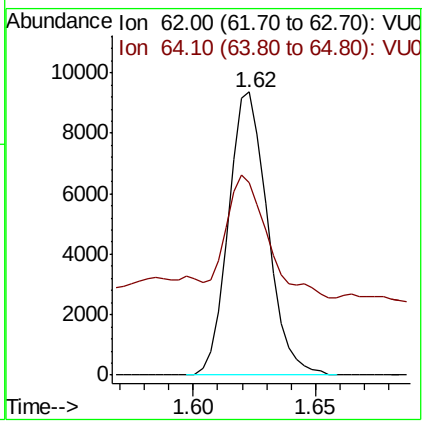


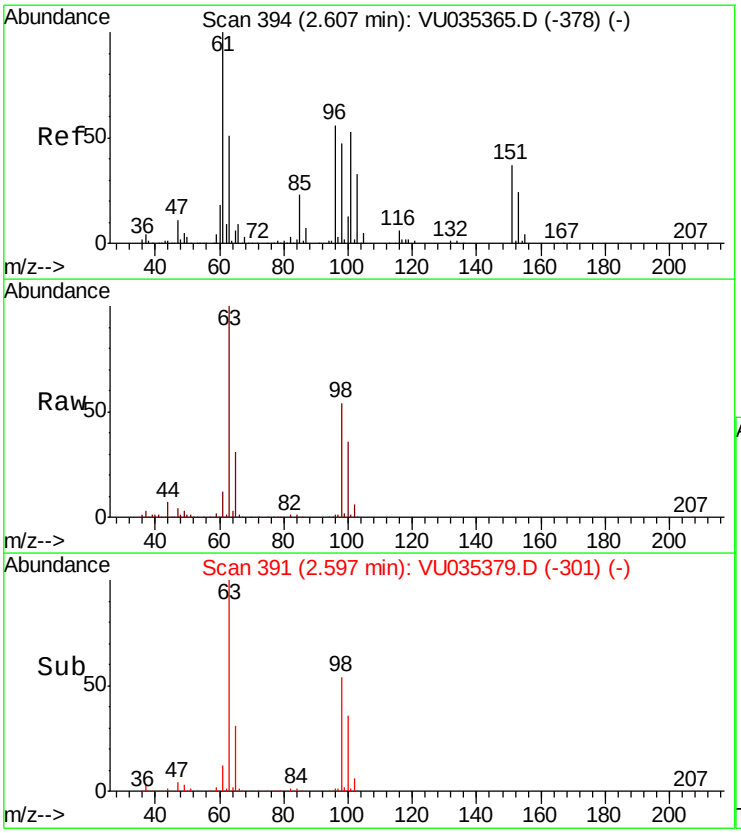
#5
Vinyl chloride
Concen: 0.472 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU035379.D
Acq: 22 Oct 2019 21:42

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 10414

Ion	Ratio	Lower	Upper
62	100		
64	68.0	22.9	42.5#

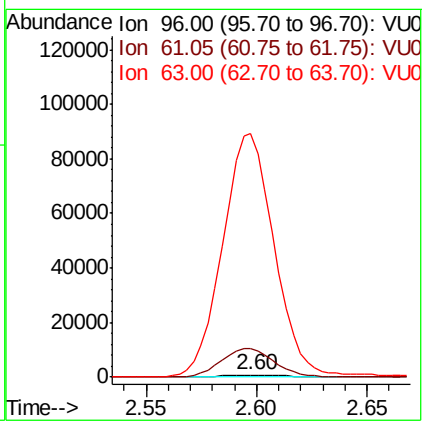


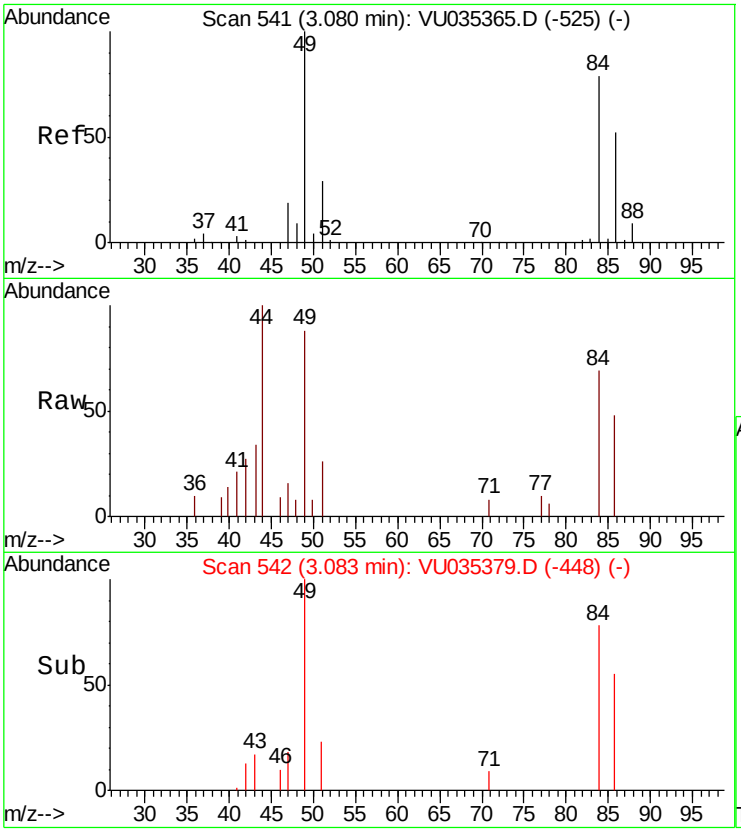


#12
1,1-Dichloroethene
Concen: 0.089 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU035379.D
Acq: 22 Oct 2019 21:42

Tgt Ion: 96 Resp: 1446

Ion	Ratio	Lower	Upper
96	100		
61	1463.5	120.6	224.0#
63	12485.6	86.8	161.2#



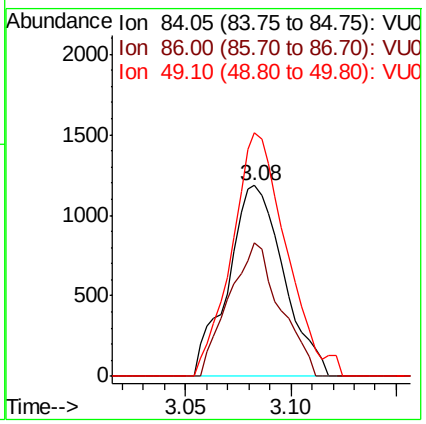


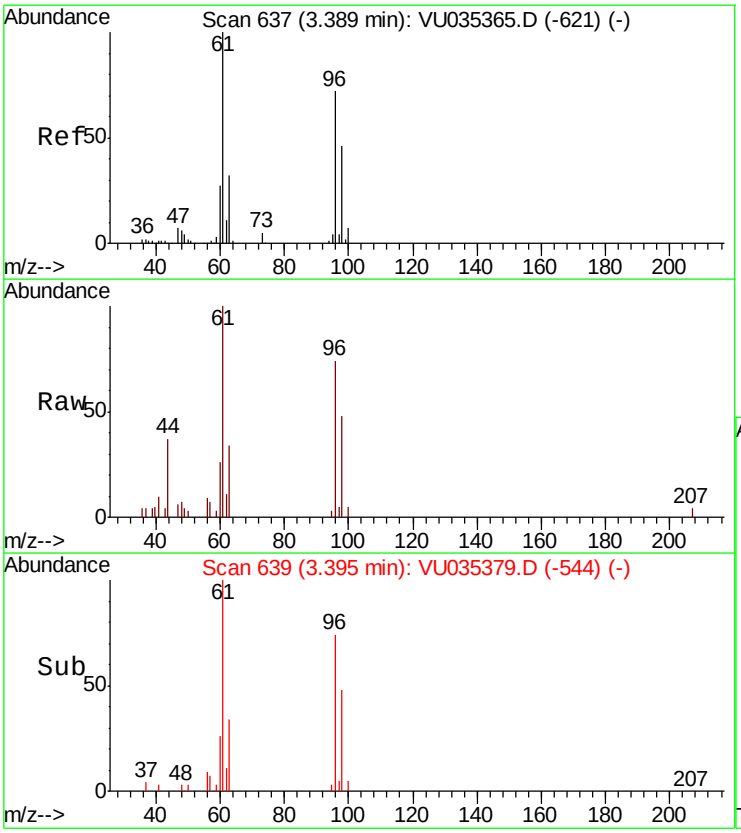
#16
Methylene chloride
Concen: 0.110 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035379.D
Acq: 22 Oct 2019 21:42

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 2171

Ion	Ratio	Lower	Upper
84	100		
86	69.9	45.4	84.2
49	139.4	86.8	161.2

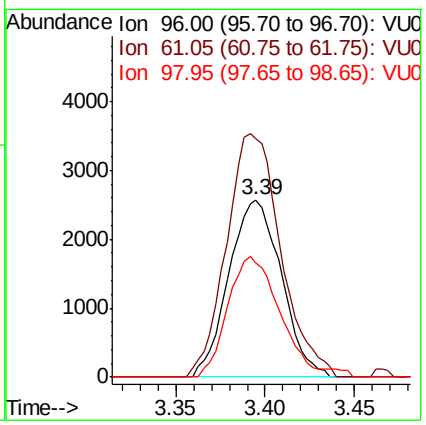


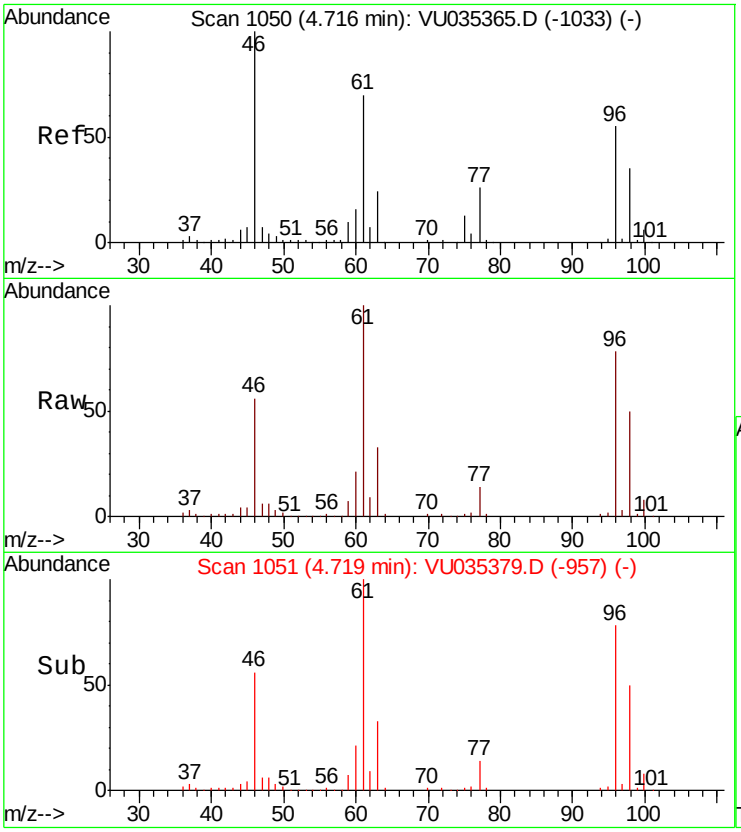


#18
trans-1,2-Dichloroethene
Concen: 0.300 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU035379.D
Acq: 22 Oct 2019 21:42

Tgt Ion: 96 Resp: 5290

Ion	Ratio	Lower	Upper
96	100		
61	134.5	93.0	172.6
98	64.6	43.7	81.1



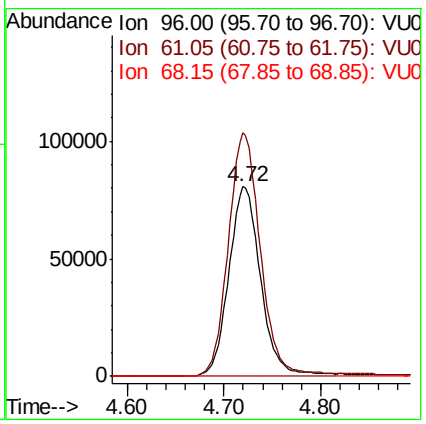


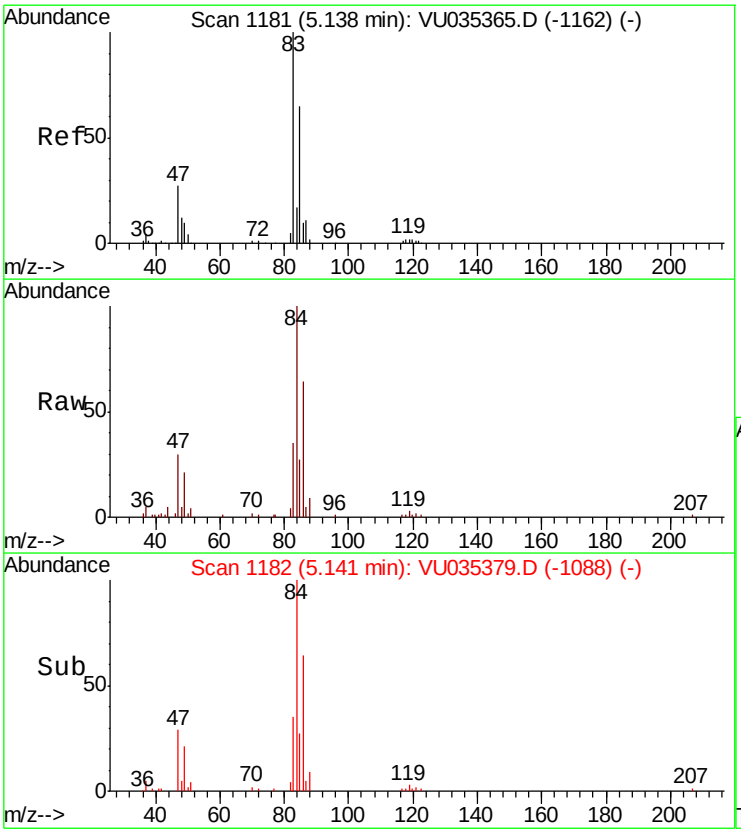
#22
cis-1,2-Dichloroethene
Concen: 9.484 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035379.D
Acq: 22 Oct 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 184829

Ion	Ratio	Lower	Upper
96	100		
61	128.7	89.7	166.5
68	0.0	0.0	0.0

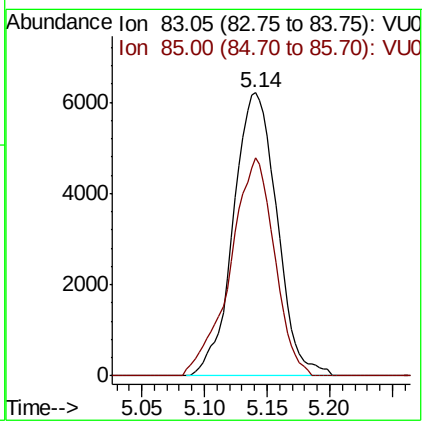


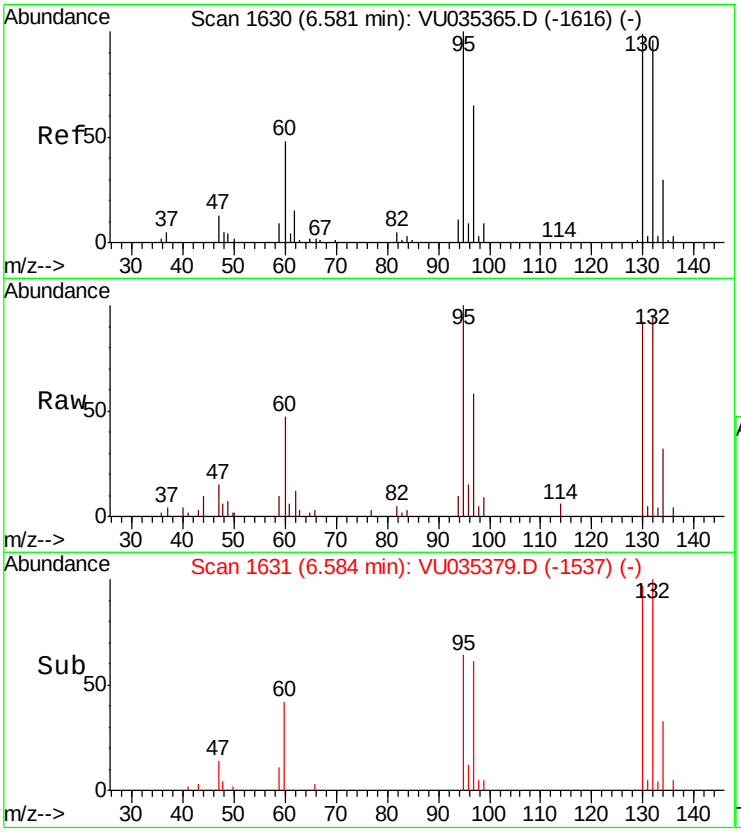


#25
Chloroform
Concen: 0.430 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035379.D
Acq: 22 Oct 2019 21:42

Tgt Ion: 83 Resp: 15049

Ion	Ratio	Lower	Upper
83	100		
85	77.1	45.1	83.9



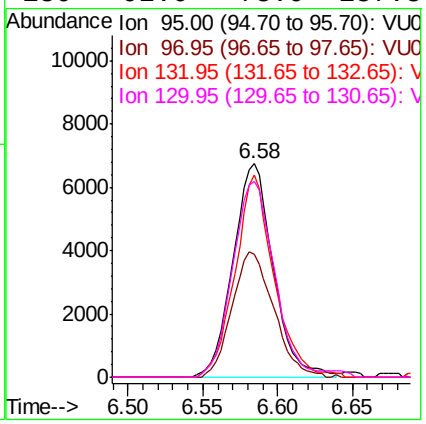


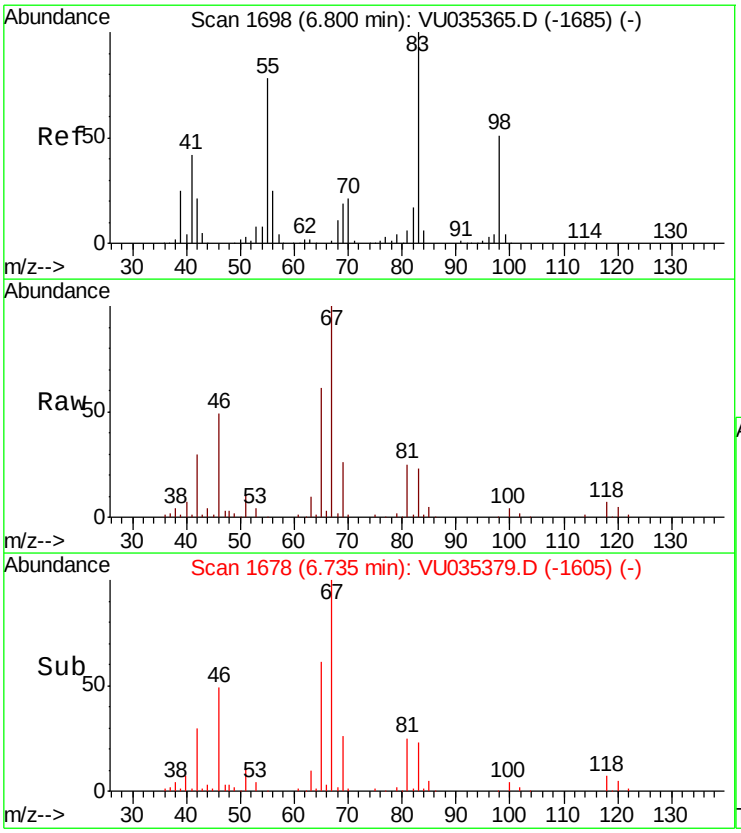
#34
Trichloroethene
Concen: 0.640 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035379.D
Acq: 22 Oct 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 12676

Ion	Ratio	Lower	Upper
95	100		
97	57.8	46.6	86.6
132	94.7	68.7	127.7
130	92.0	73.9	137.3

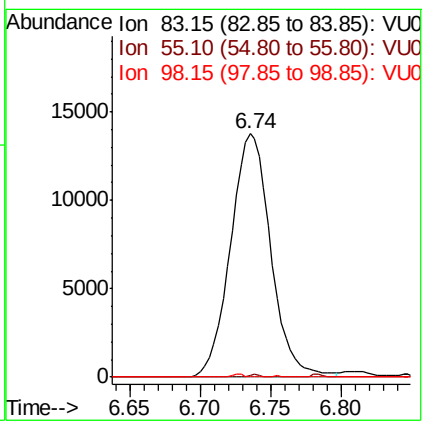


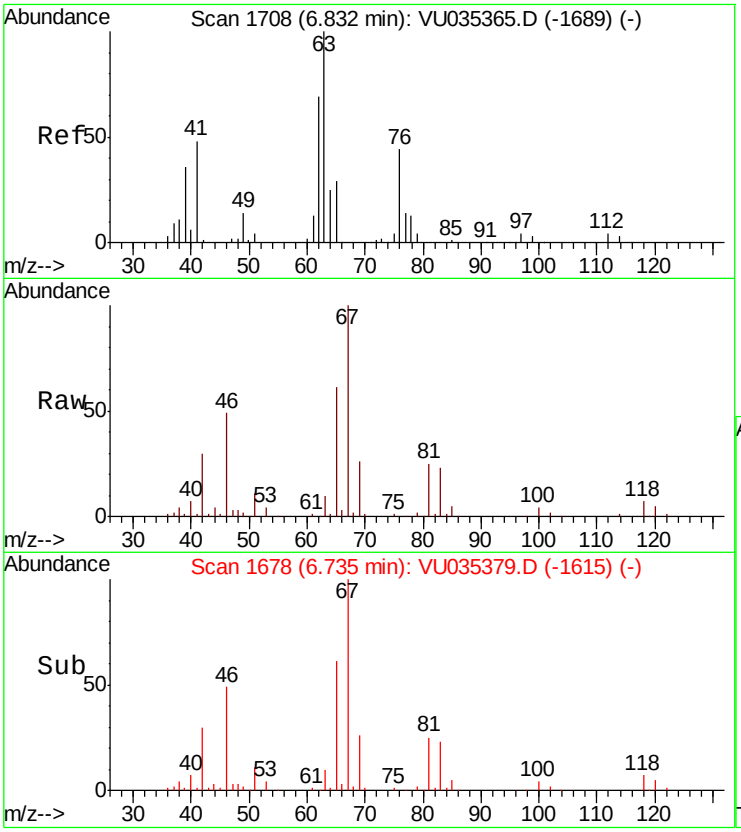


#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035379.D
Acq: 22 Oct 2019 21:42

Tgt Ion: 83 Resp: 27489

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.4	90.6#
98	0.3	39.5	59.3#



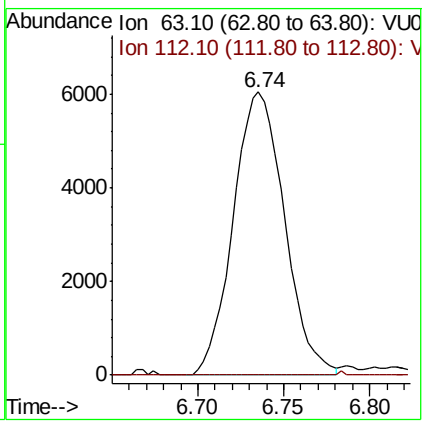


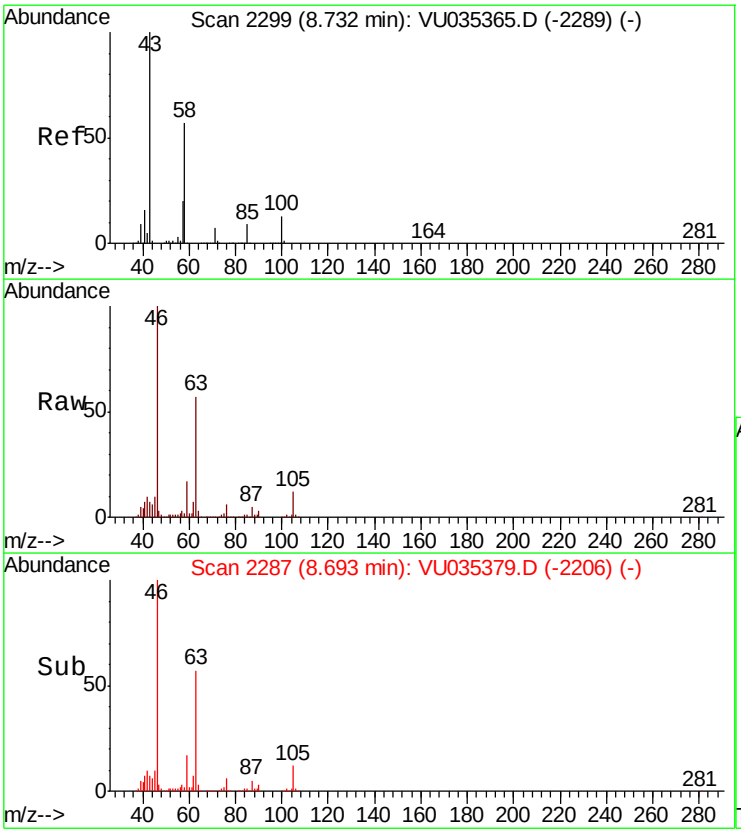
#37
1,2-Dichloropropane
Concen: 0.669 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035379.D
Acq: 22 Oct 2019 21:42

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 12524

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.7	5.5#

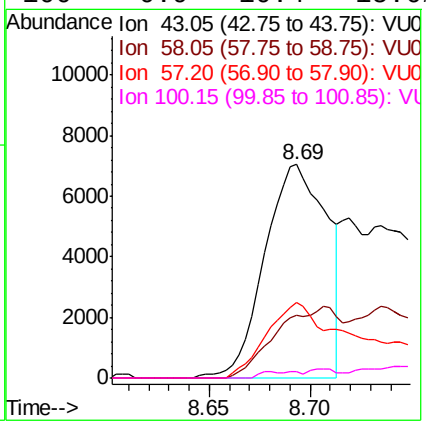


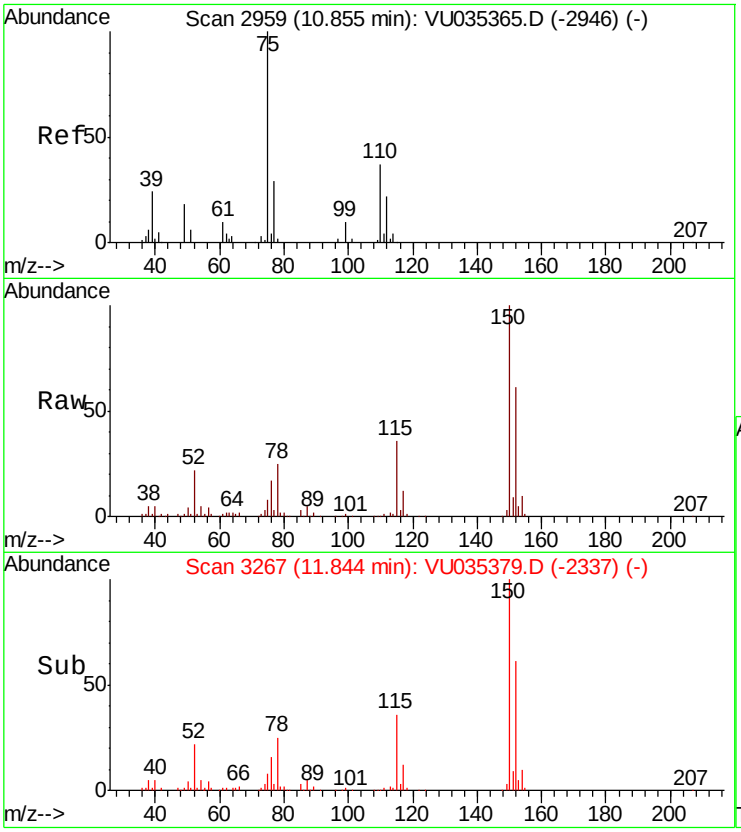


#48
2-Hexanone
Concen: 1.699 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. -0.04 min
Lab File: VU035379.D
Acq: 22 Oct 2019 21:42

Tgt Ion: 43 Resp: 15054

Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.1	67.7#
57	46.3	16.0	24.0#
100	0.9	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.781 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035379.D
Acq: 22 Oct 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 10178

Ion	Ratio	Lower	Upper
75	100		
77	41.7	26.2	39.2#