Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035739.D
Acq On : 18 Nov 2019 13:06
Operator : JC/SP
Sample : K5856-14DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 19 00:35:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	202494	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	238788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93710	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	86661	4.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.20%			
7) Chloroethane-d5	1.93	69	80793	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.59	63	113363	3.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.60%			
20) 2-Butanone-d5	4.71	46	222867	48.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.86%			
24) Chloroform-d	5.11	84	160737	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.75	65	84856	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.77	84	305137	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.20%			
36) 1,2-Dichloropropane-d6	6.74	67	106303	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.60%			
41) Toluene-d8	7.93	98	244849	3.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.80%#			
43) trans-1,3-Dichloropropene-	8.22	79	36941	3.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.00%			
46) 2-Hexanone-d5	8.68	63	146547	38.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.06%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	90545	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	82180	4.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.40%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	2141	0.120	ug/L #	1
13) Acetone	2.68	43	2768	0.834	ug/L	92
16) Methylene chloride	3.08	84	3725	0.176	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	28287	1.397	ug/L	96
25) Chloroform	5.14	83	22128	0.598	ug/L	93
34) Trichloroethene	6.58	95	202005	9.393	ug/L	98
35) Methylcyclohexane	6.74	83	24085	0.735	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	10939	0.494	ug/L #	89
38) Bromodichloromethane	7.14	83	1928	0.072	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2450	0.078	ug/L #	47
59) 1,2,3-Trichloropropane	11.84	75	9491	0.648	ug/L	90

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

Quantitation Report (Not Reviewed)

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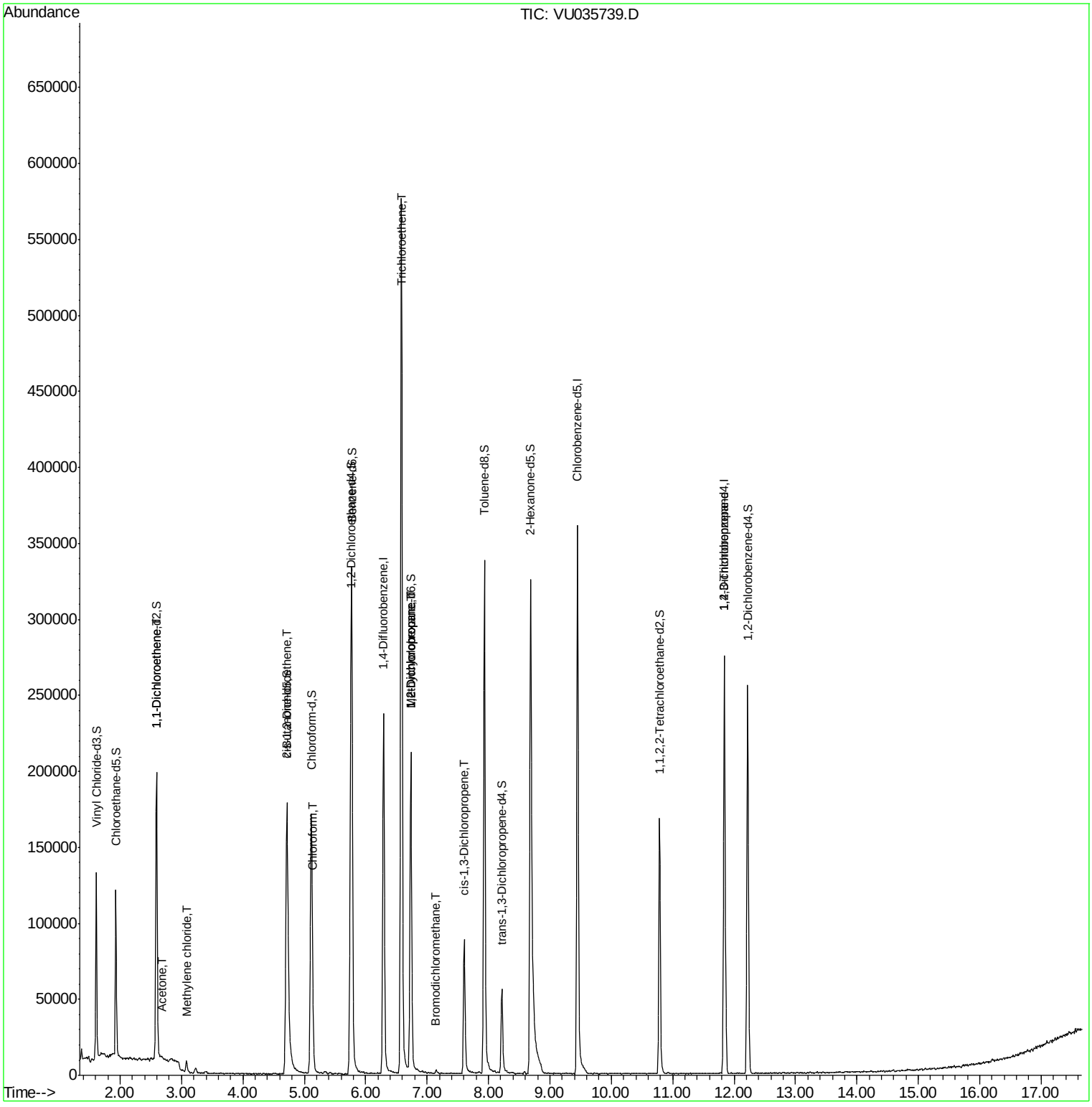
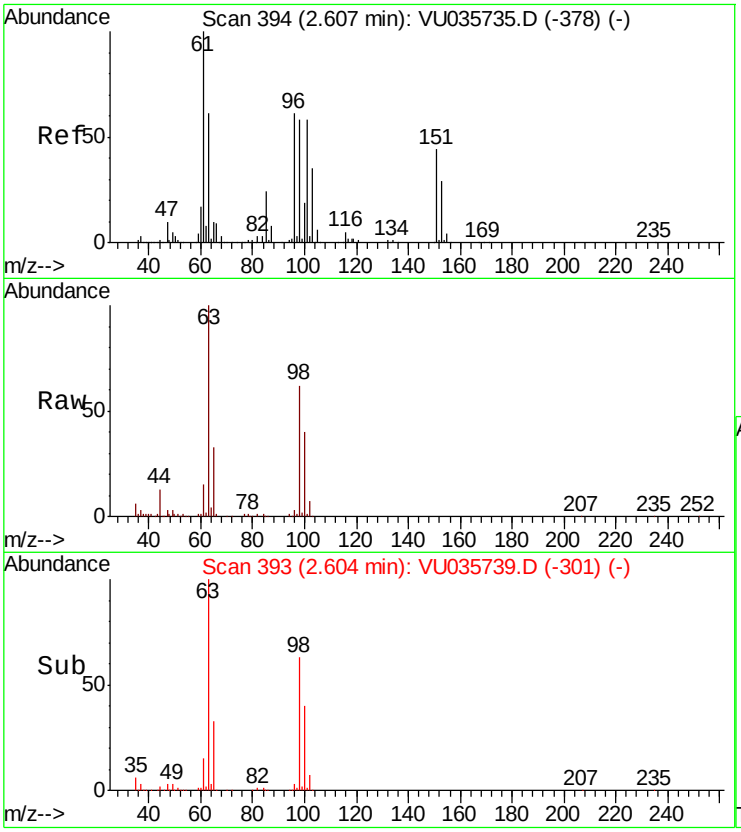
Acq On : 18 Nov 2019 13:06
Operator : JC/SP
Sample : K5856-14DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 19 00:35:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration



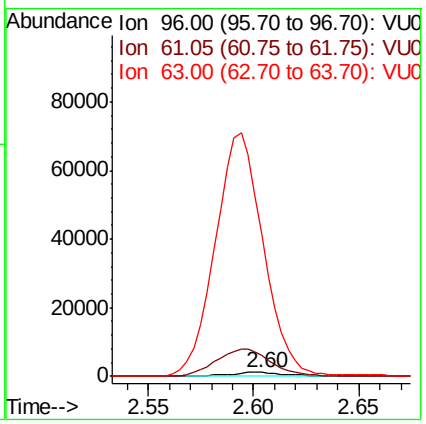


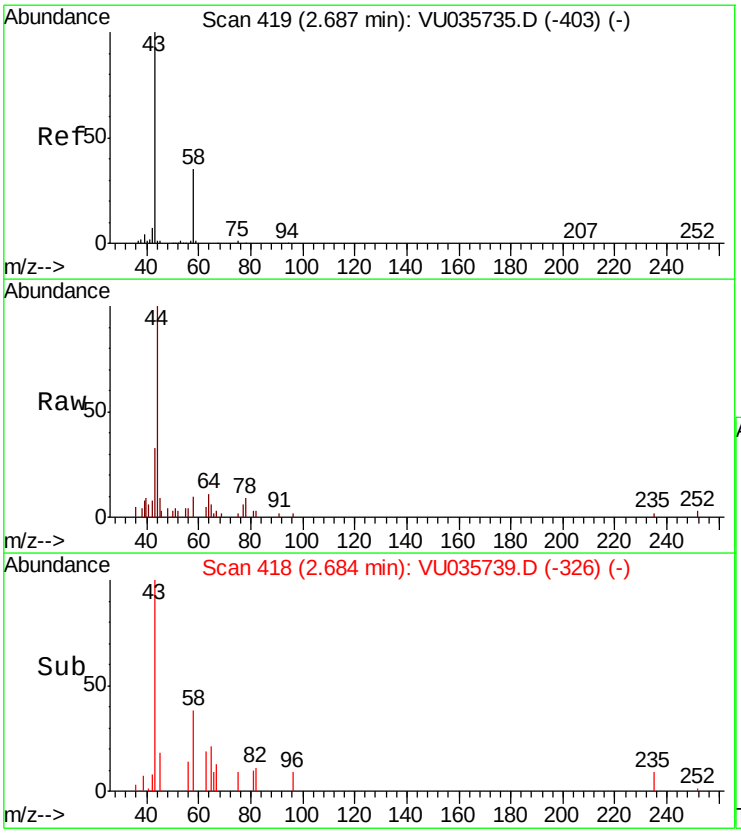
#12
1,1-Dichloroethene
Concen: 0.120 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU035739.D
Acq: 18 Nov 2019 13:06

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 2141

Ion	Ratio	Lower	Upper
96	100		
61	504.4	123.1	228.5#
63	3436.5	87.8	163.0#

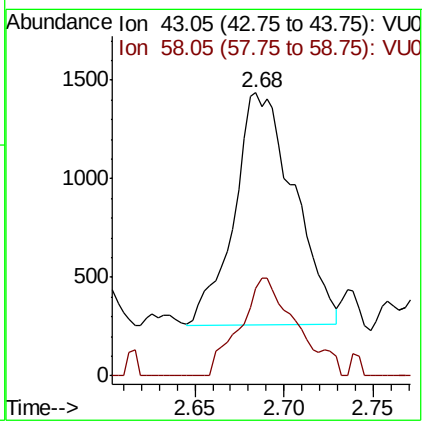


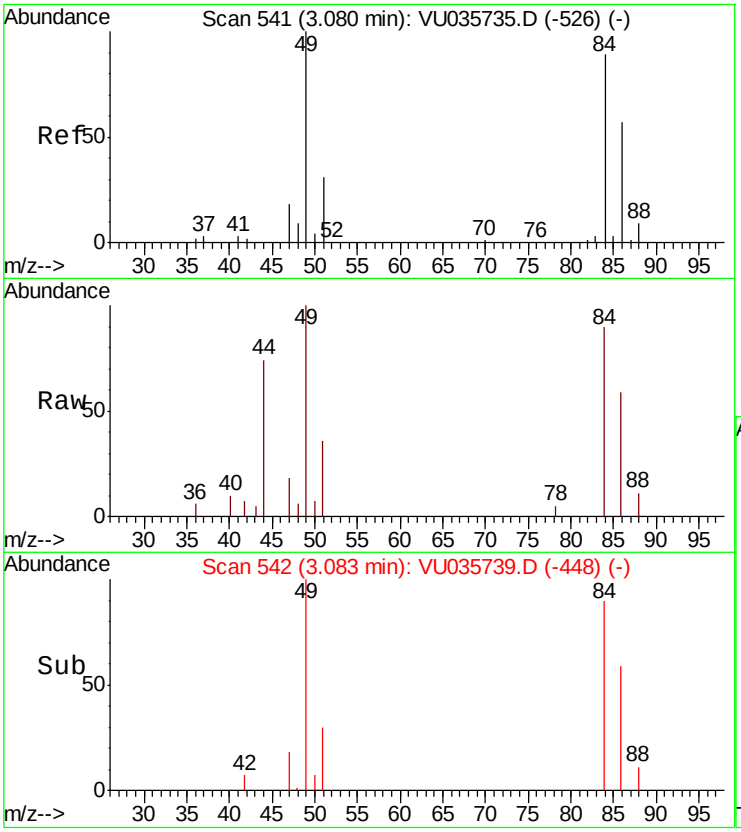


#13
Acetone
Concen: 0.834 ug/L
RT: 2.68 min Scan# 418
Delta R.T. -0.00 min
Lab File: VU035739.D
Acq: 18 Nov 2019 13:06

Tgt Ion: 43 Resp: 2768

Ion	Ratio	Lower	Upper
43	100		
58	39.8	0.0	69.8



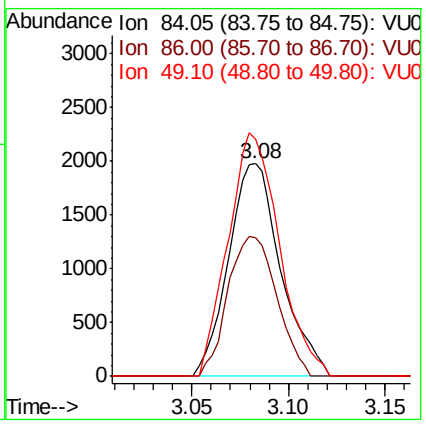


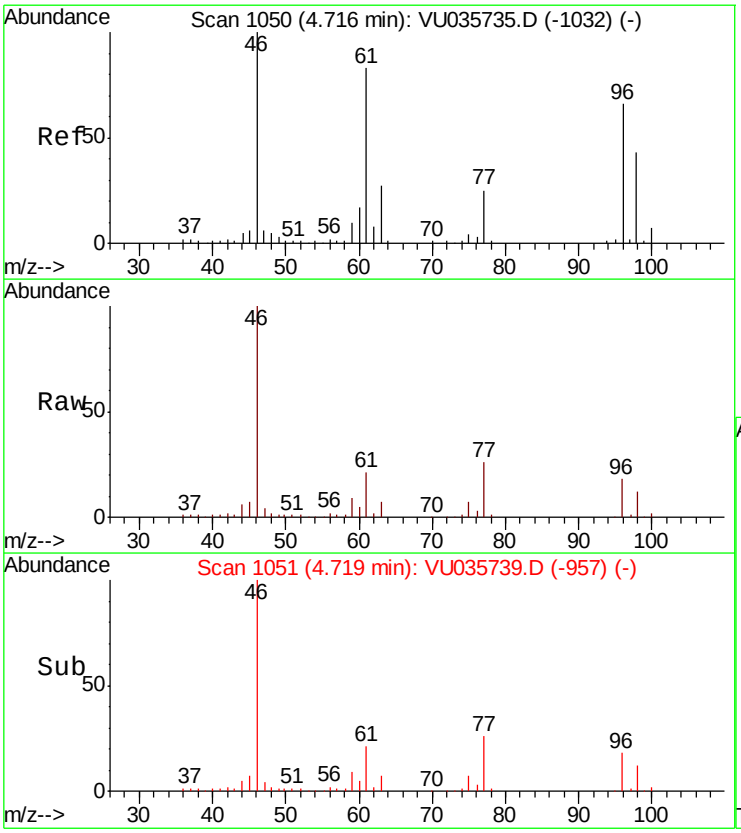
#16
Methylene chloride
Concen: 0.176 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035739.D
Acq: 18 Nov 2019 13:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 3725

Ion	Ratio	Lower	Upper
84	100		
86	65.3	45.8	85.2
49	111.5	81.9	152.1

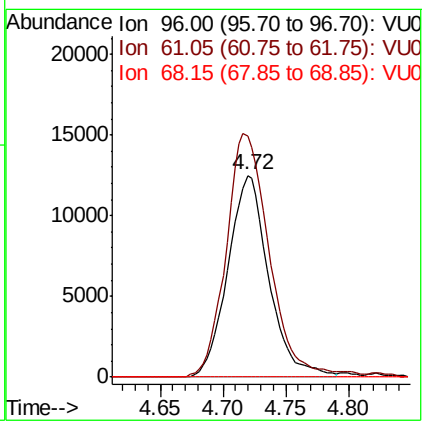


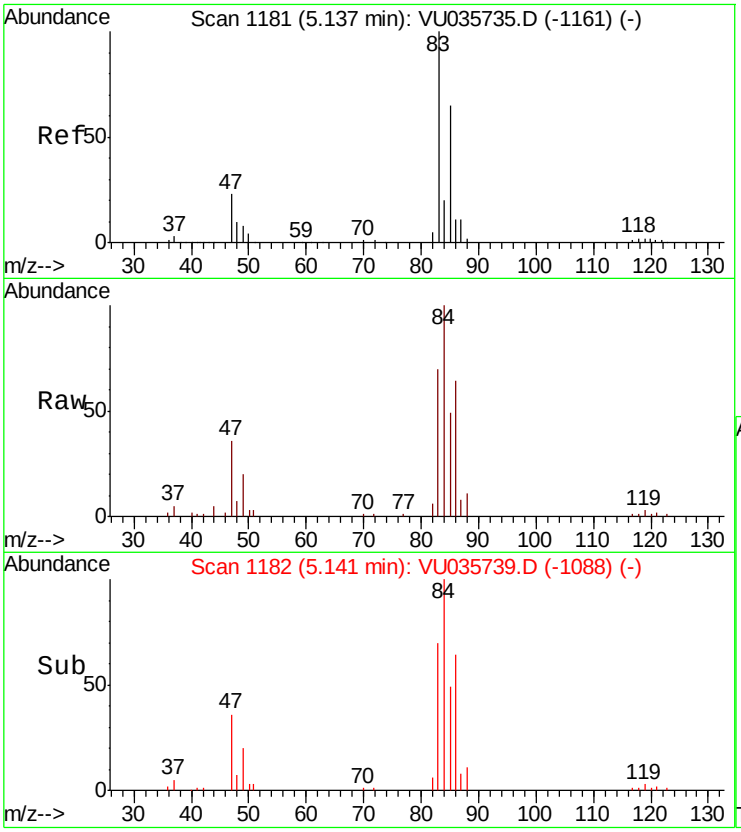


#22
cis-1,2-Dichloroethene
Concen: 1.397 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035739.D
Acq: 18 Nov 2019 13:06

Tgt Ion: 96 Resp: 28287

Ion	Ratio	Lower	Upper
96	100		
61	119.2	87.0	161.6
68	0.0	0.0	0.0



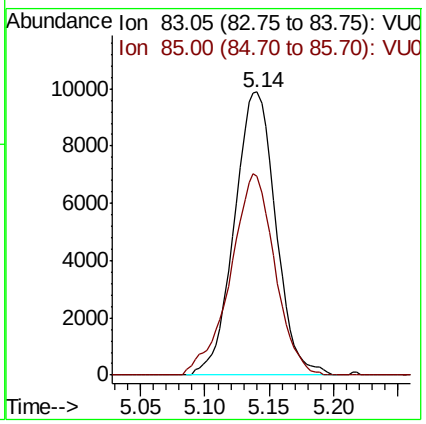


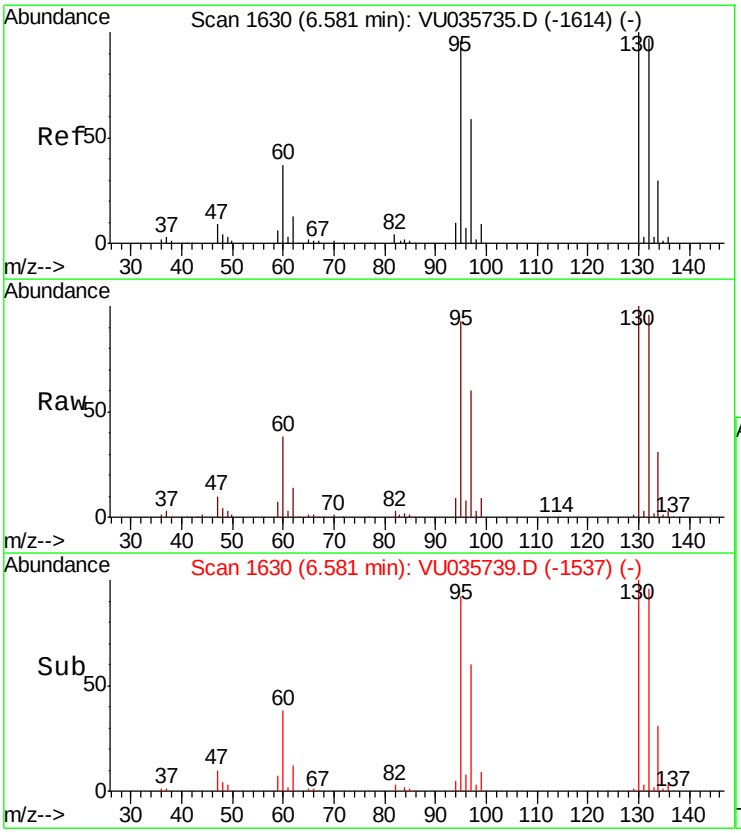
#25
Chloroform
Concen: 0.598 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035739.D
Acq: 18 Nov 2019 13:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 22128

Ion	Ratio	Lower	Upper
83	100		
85	70.3	45.4	84.2

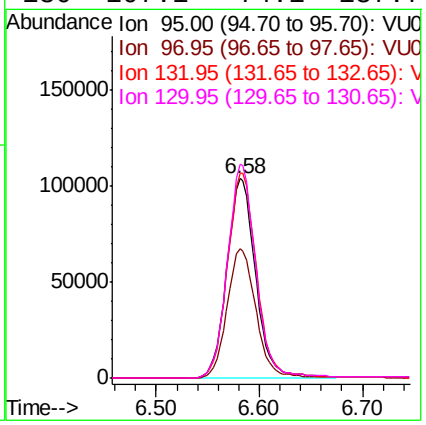


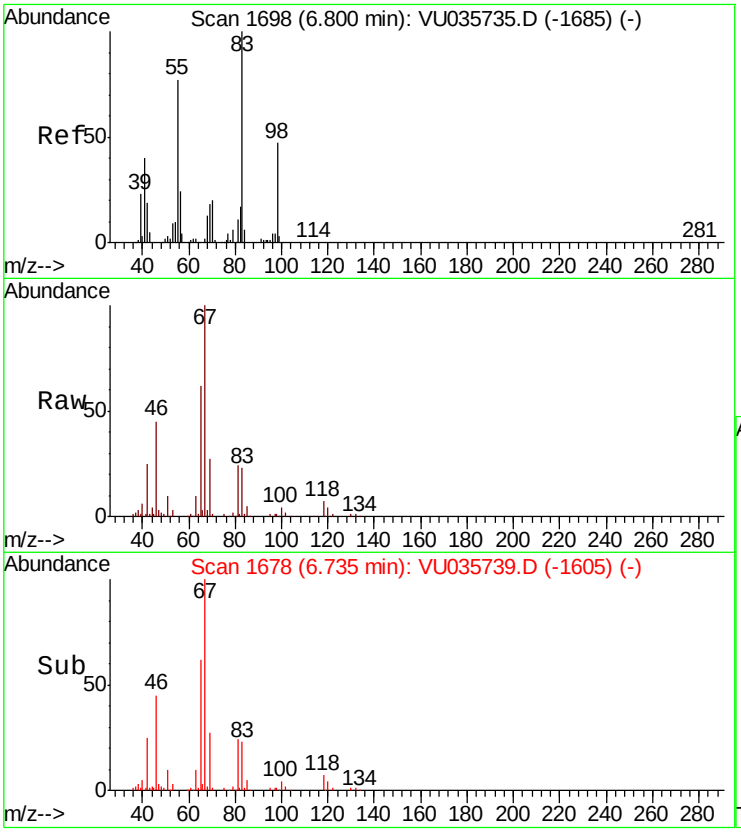


#34
Trichloroethene
Concen: 9.393 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035739.D
Acq: 18 Nov 2019 13:06

Tgt Ion: 95 Resp: 202005

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.5	82.7
132	102.6	69.9	129.7
130	107.1	74.1	137.7



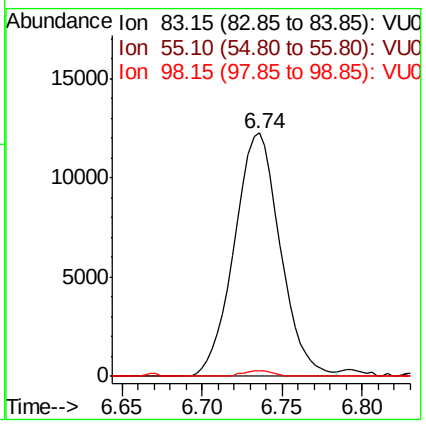


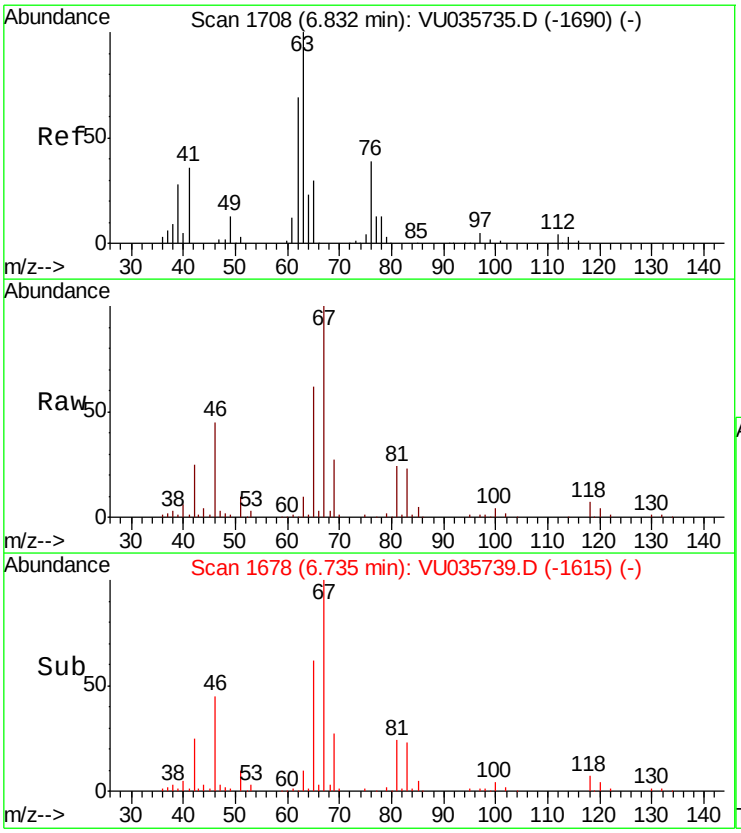
#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035739.D
Acq: 18 Nov 2019 13:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 24085

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	93.8#
98	1.4	37.2	55.8#

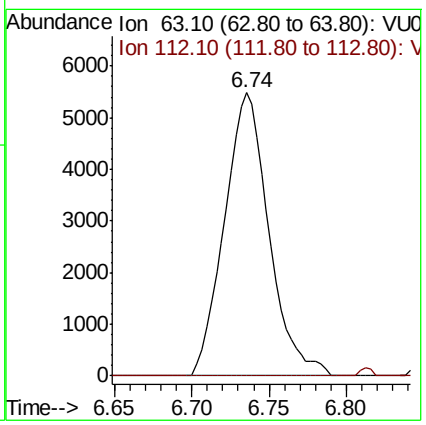


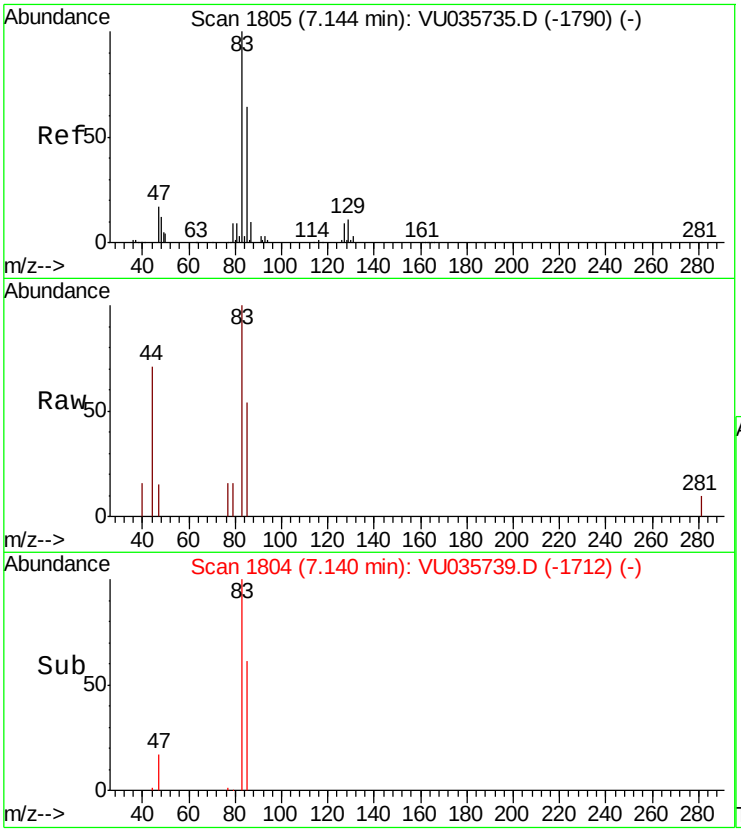


#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035739.D
Acq: 18 Nov 2019 13:06

Tgt Ion: 63 Resp: 10939

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.4	5.2#



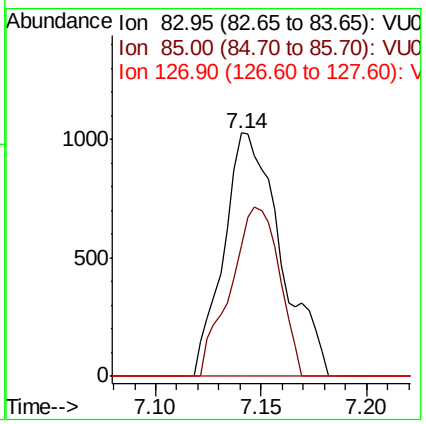


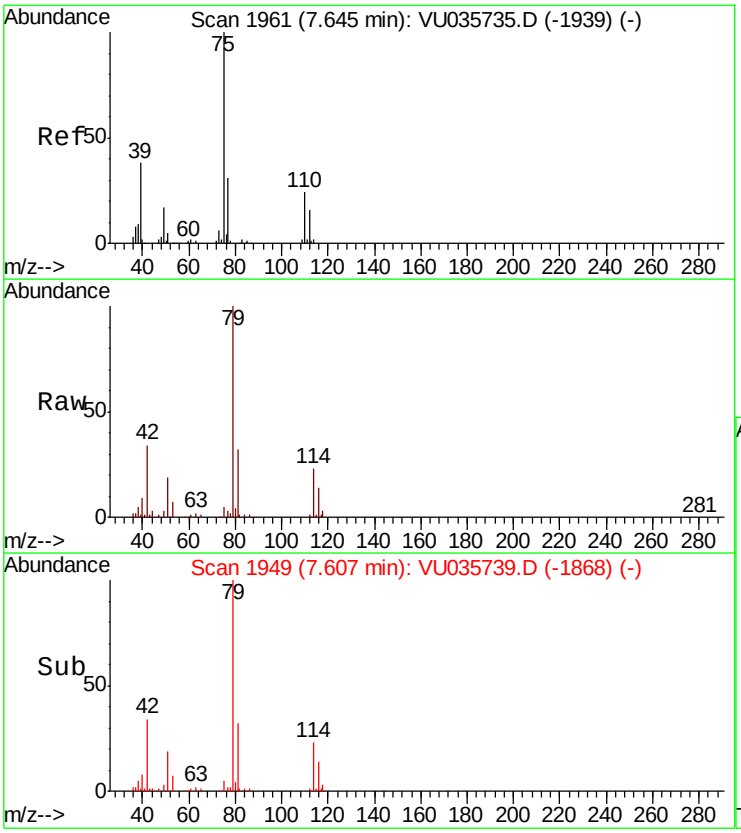
#38
Bromodichloromethane
Concen: 0.072 ug/L
RT: 7.14 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VU035739.D
Acq: 18 Nov 2019 13:06

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 1928

Ion	Ratio	Lower	Upper
83	100		
85	53.8	44.7	82.9
127	0.0	7.1	10.7#

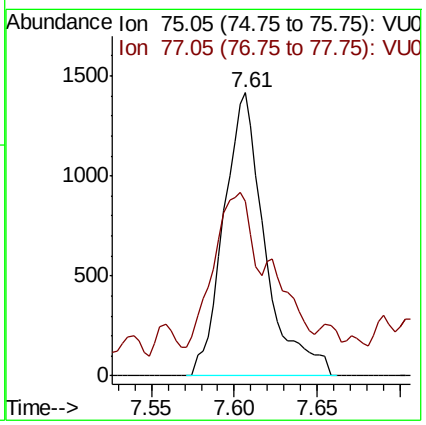


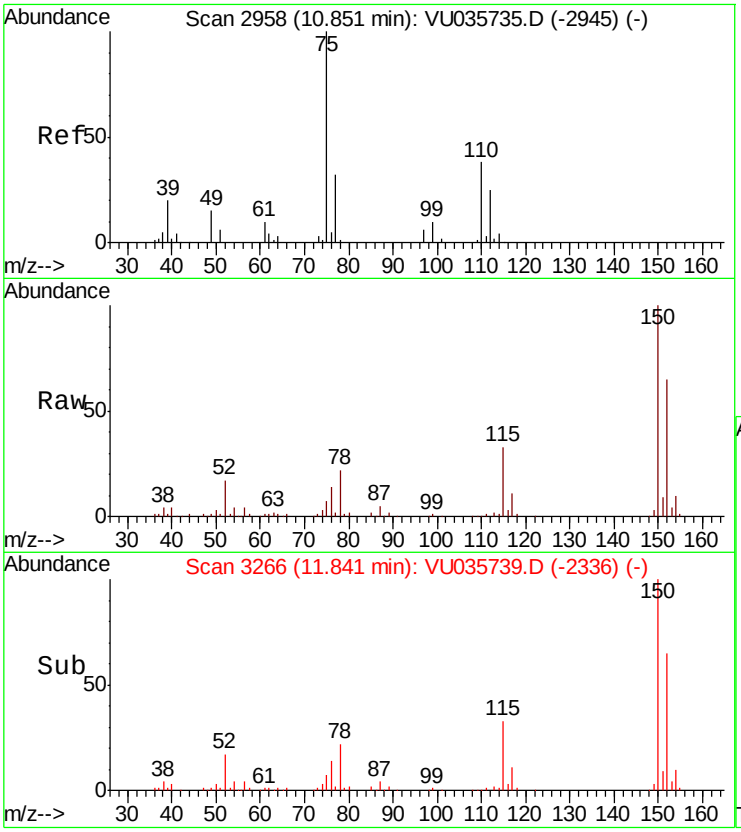


#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.04 min
Lab File: VU035739.D
Acq: 18 Nov 2019 13:06

Tgt Ion: 75 Resp: 2450

Ion	Ratio	Lower	Upper
75	100		
77	61.6	22.5	41.7#





#59
1,2,3-Trichloropropane
Concen: 0.648 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035739.D
Acq: 18 Nov 2019 13:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 9491

Ion	Ratio	Lower	Upper
75	100		
77	39.2	26.8	40.2