Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\

Quantitation Report (Not Reviewed)

Data File : VU035230.D
Acq On : 17 Oct 2019 23:01
Operator : JC/SP
Sample : K5318-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CH4

Quant Time: Oct 18 03:53:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	360522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	343805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	145346	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	111107	5.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.00%			
7) Chloroethane-d5	1.93	69	98619	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.20%			
11) 1,1-Dichloroethene-d2	2.59	63	155589	3.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.60%			
20) 2-Butanone-d5	4.71	46	298247	47.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.42%			
24) Chloroform-d	5.11	84	203452	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.75	65	115213	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.77	84	420906	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
36) 1,2-Dichloropropane-d6	6.74	67	134298	5.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.60%			
41) Toluene-d8	7.93	98	396809	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.60%			
43) trans-1,3-Dichloropropene-	8.22	79	58025	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.69	63	254286	47.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.18%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	107618	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	136541	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	1741	0.075	ug/L #	1
13) Acetone	2.68	43	10302	2.344	ug/L	96
25) Chloroform	5.14	83	9364	0.189	ug/L	100
35) Methylcyclohexane	6.74	83	31621	0.696	ug/L #	20
37) 1,2-Dichloropropane	6.74	63	15381	0.599	ug/L #	86
38) Bromodichloromethane	7.14	83	3673	0.106	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	4033	0.094	ug/L #	32
45) 1,1,2-Trichloroethane	8.59	97	40841	2.142	ug/L #	1
47) Tetrachloroethene	8.59	164	5173706	228.348	ug/L	99
48) 2-Hexanone	8.74	43	11660	0.959	ug/L #	83
49) Dibromochloromethane	8.59	129	4682914	193.745	ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	17041	0.952	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\

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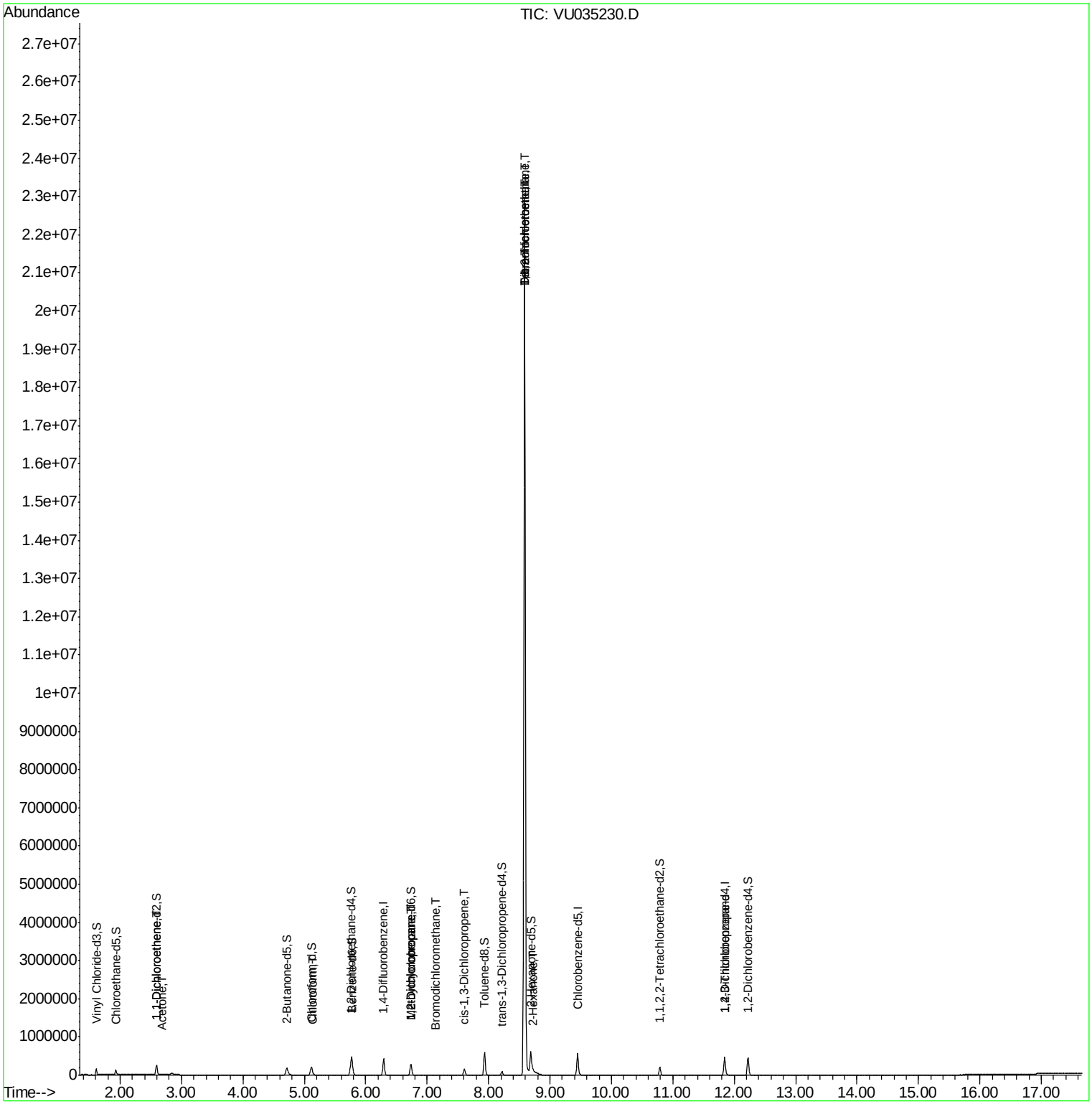
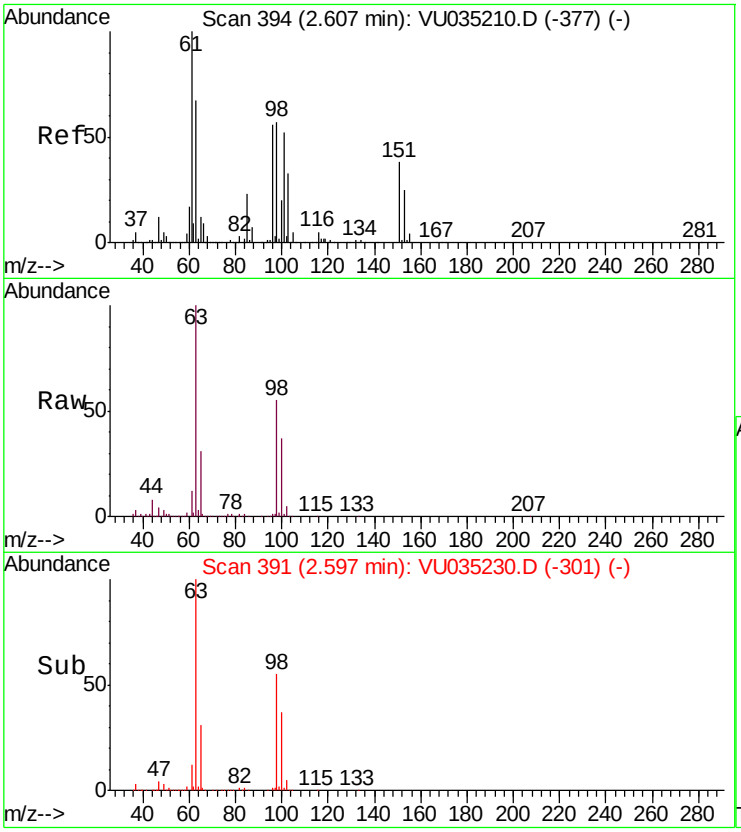
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration



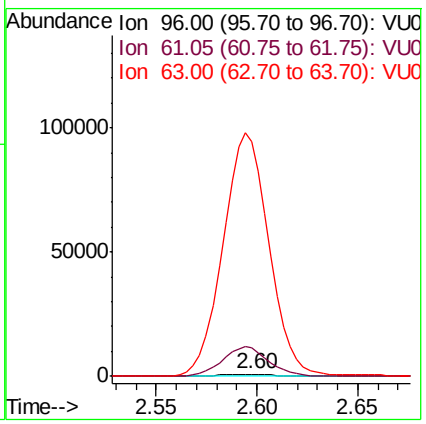


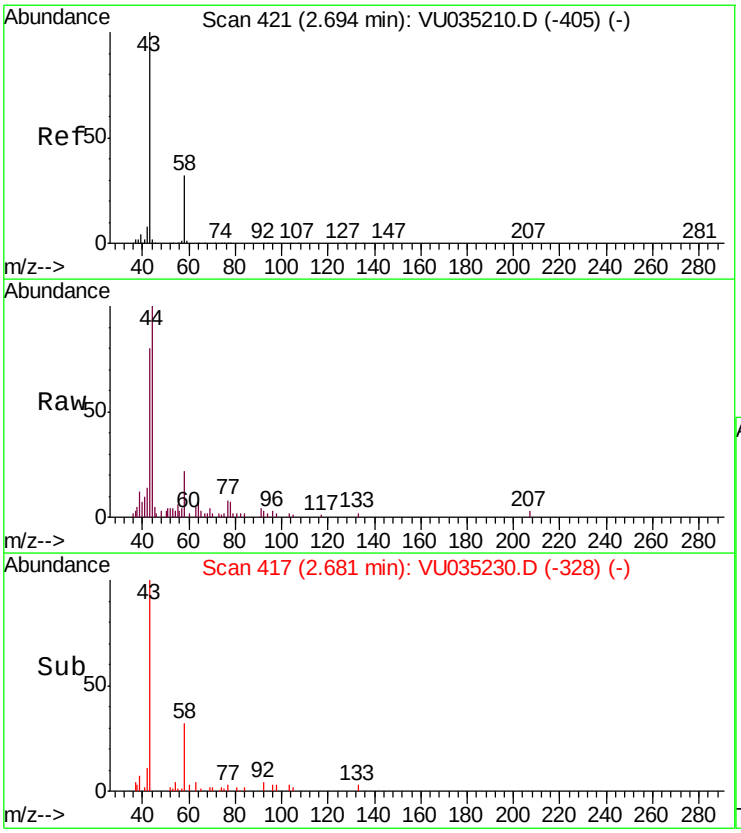
#12
1,1-Dichloroethene
Concen: 0.075 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Instrument :
MSVOA_U
ClientSampleId :
C0CH4

Tgt Ion: 96 Resp: 1741

Ion	Ratio	Lower	Upper
96	100		
61	1203.5	120.6	224.0#
63	10040.9	86.8	161.2#

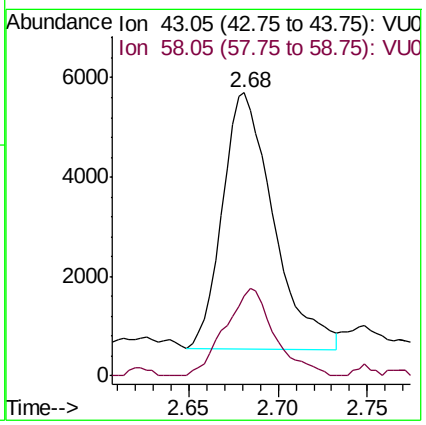


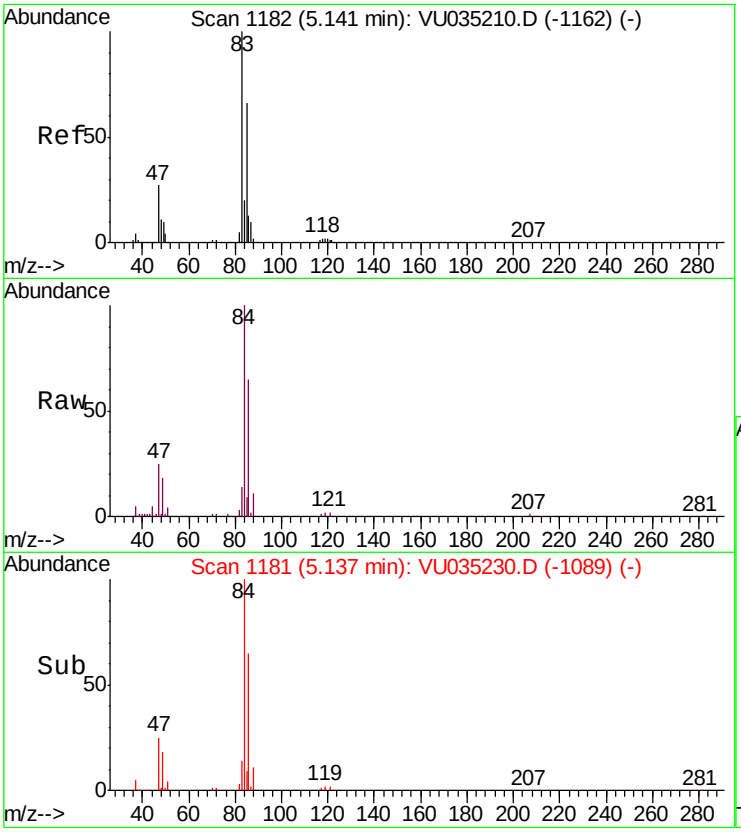


#13
Acetone
Concen: 2.344 ug/L
RT: 2.68 min Scan# 417
Delta R.T. -0.01 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Tgt Ion: 43 Resp: 10302

Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	61.8



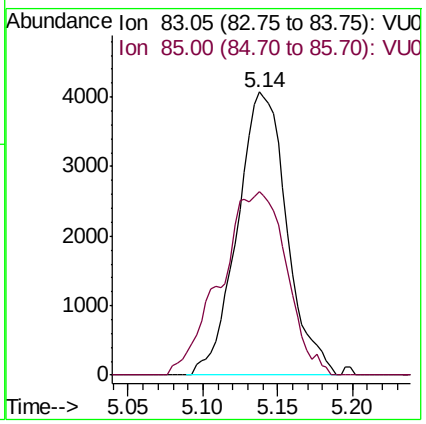


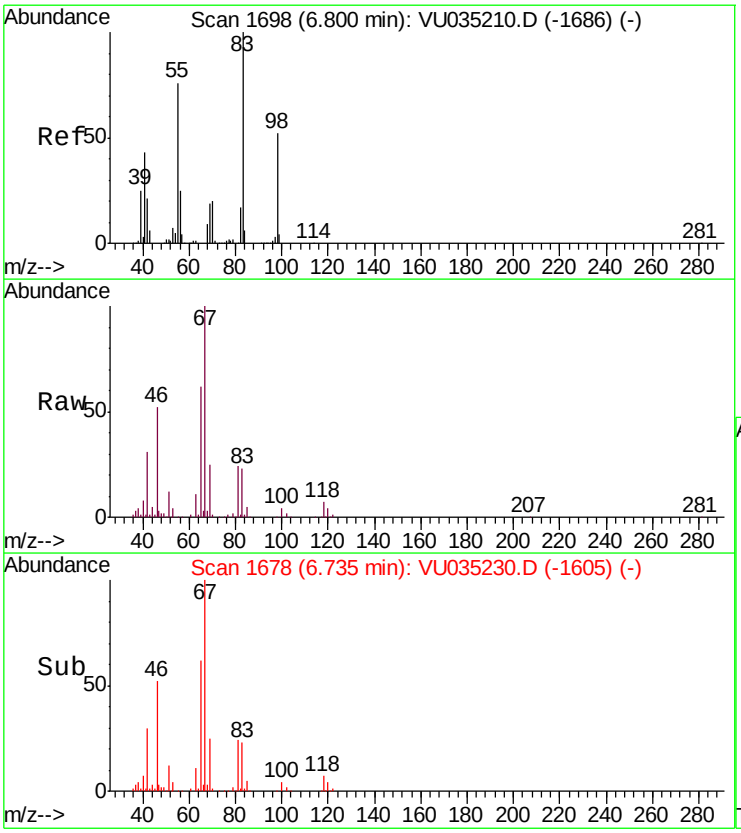
#25
Chloroform
Concen: 0.189 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Instrument :
MSVOA_U
ClientSampleId :
C0CH4

Tgt Ion: 83 Resp: 9364

Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.1	83.9

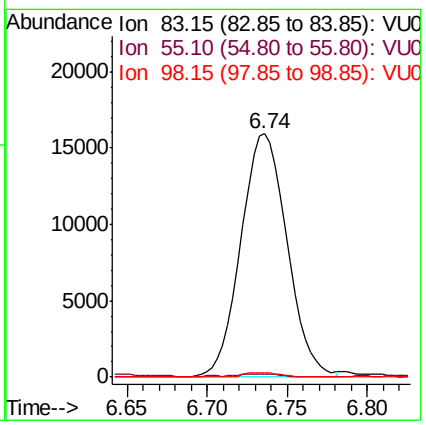


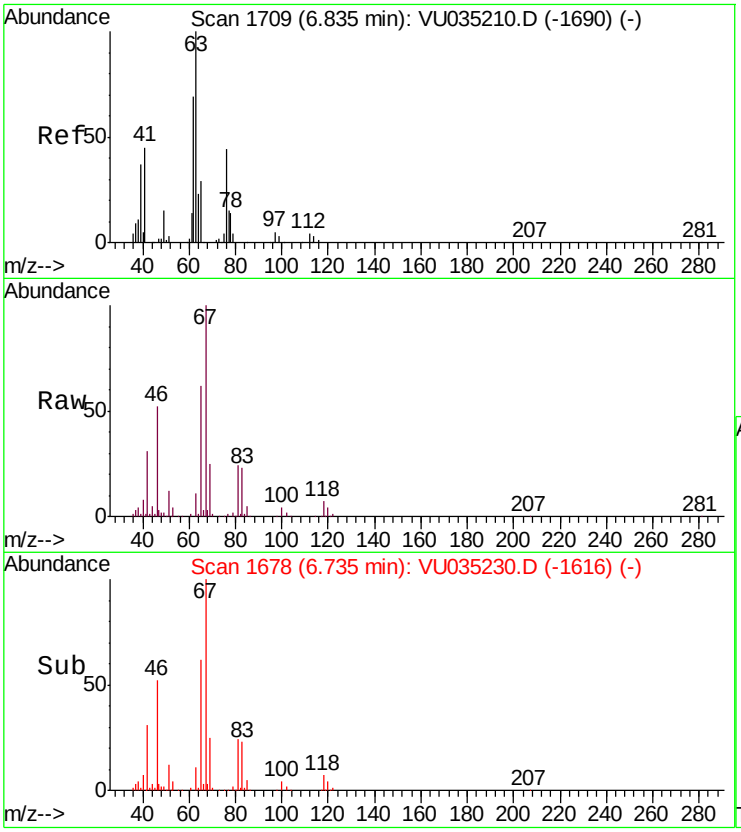


#35
Methylcyclohexane
Concen: 0.696 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Tgt Ion: 83 Resp: 31621

Ion	Ratio	Lower	Upper
83	100		
55	1.2	60.4	90.6#
98	1.3	39.5	59.3#



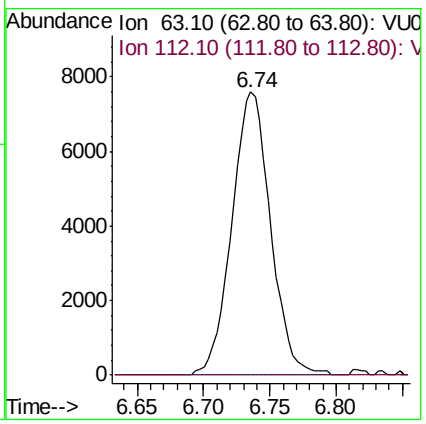


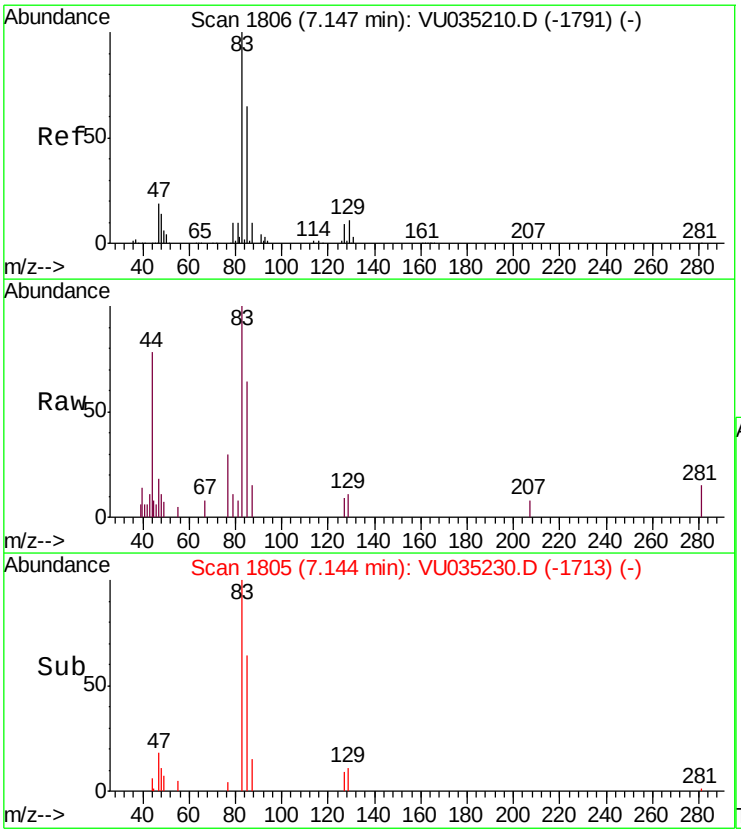
#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Instrument :
MSVOA_U
ClientSampleId :
C0CH4

Tgt Ion: 63 Resp: 15381

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

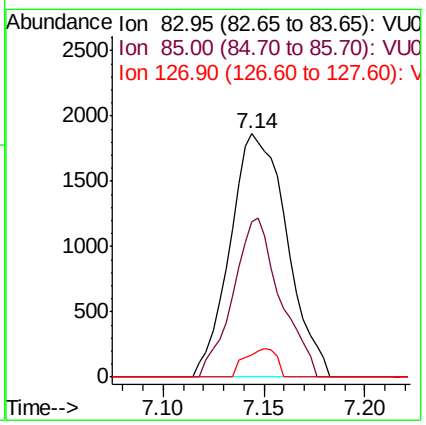


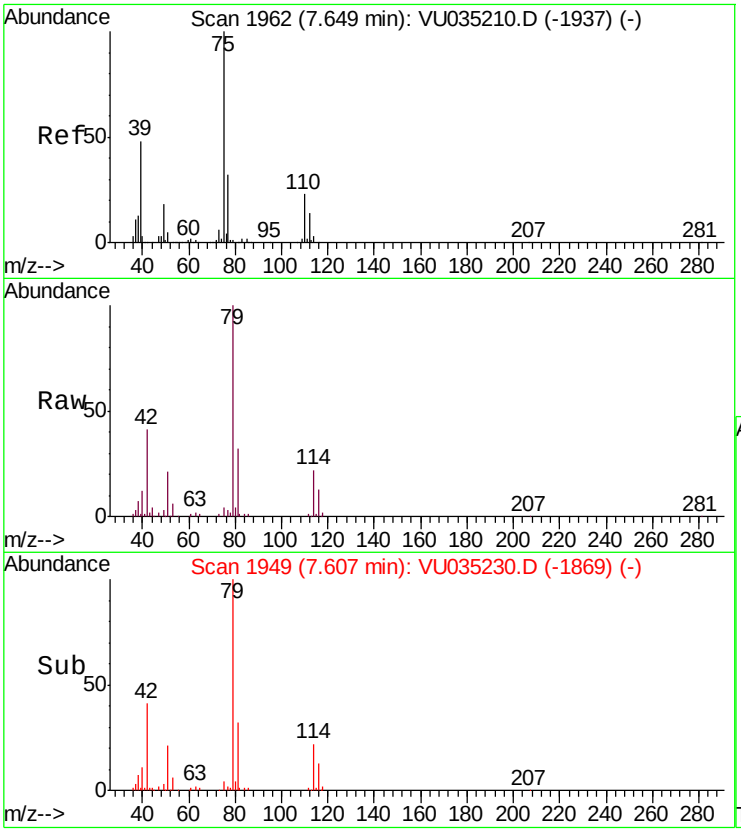


#38
Bromodichloromethane
Concen: 0.106 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Tgt Ion: 83 Resp: 3673

Ion	Ratio	Lower	Upper
83	100		
85	63.7	45.6	84.8
127	8.9	6.9	10.3



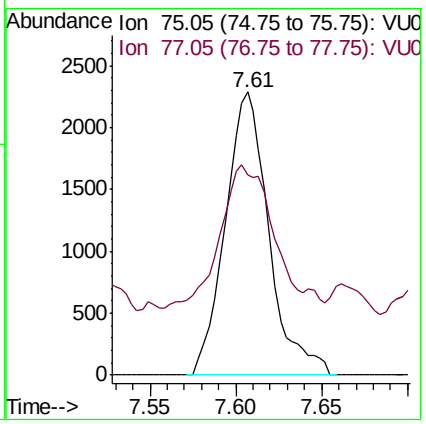


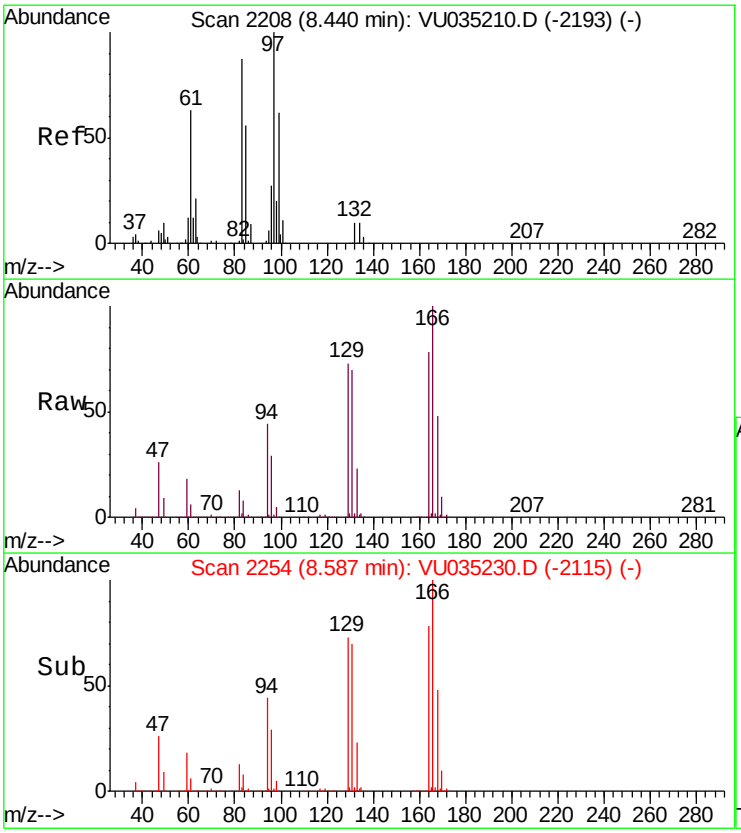
#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.04 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Instrument :
MSVOA_U
ClientSampleId :
C0CH4

Tgt Ion: 75 Resp: 4033

Ion	Ratio	Lower	Upper
75	100		
77	70.8	22.7	42.1#

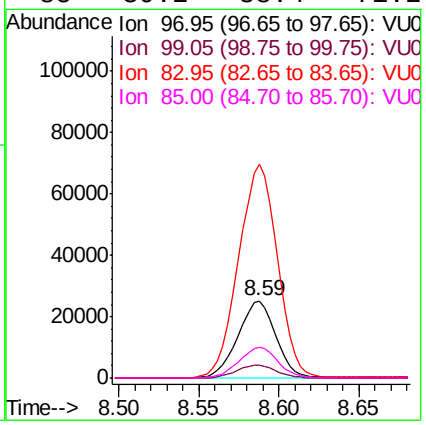


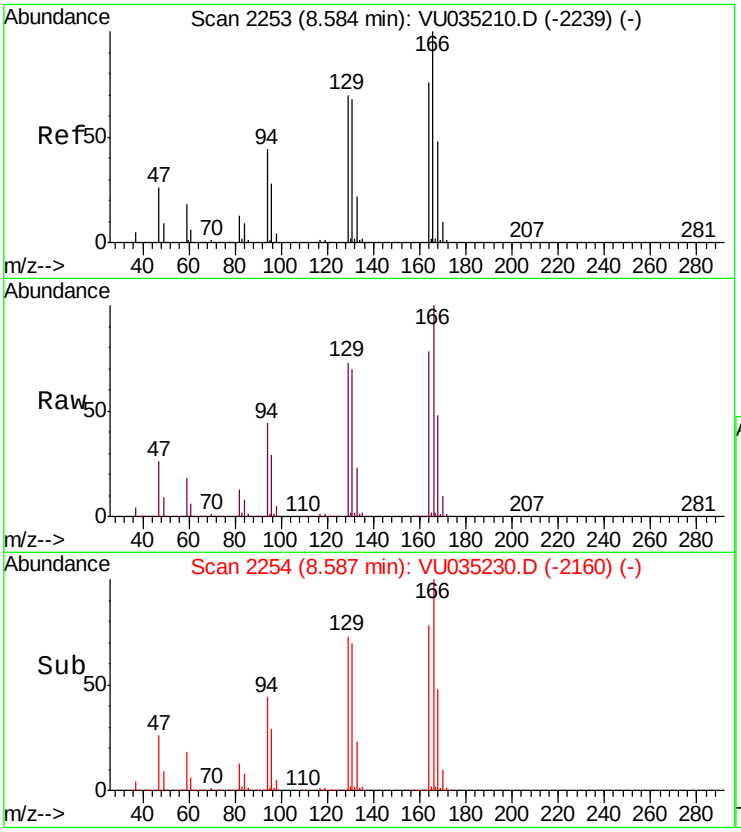


#45
1,1,2-Trichloroethane
Concen: 2.142 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. 0.15 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Tgt Ion: 97 Resp: 40841

Ion	Ratio	Lower	Upper
97	100		
99	16.9	42.9	79.7#
83	277.6	60.4	112.2#
85	39.2	38.4	71.2



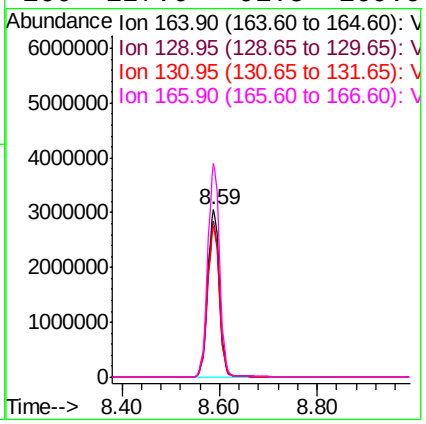


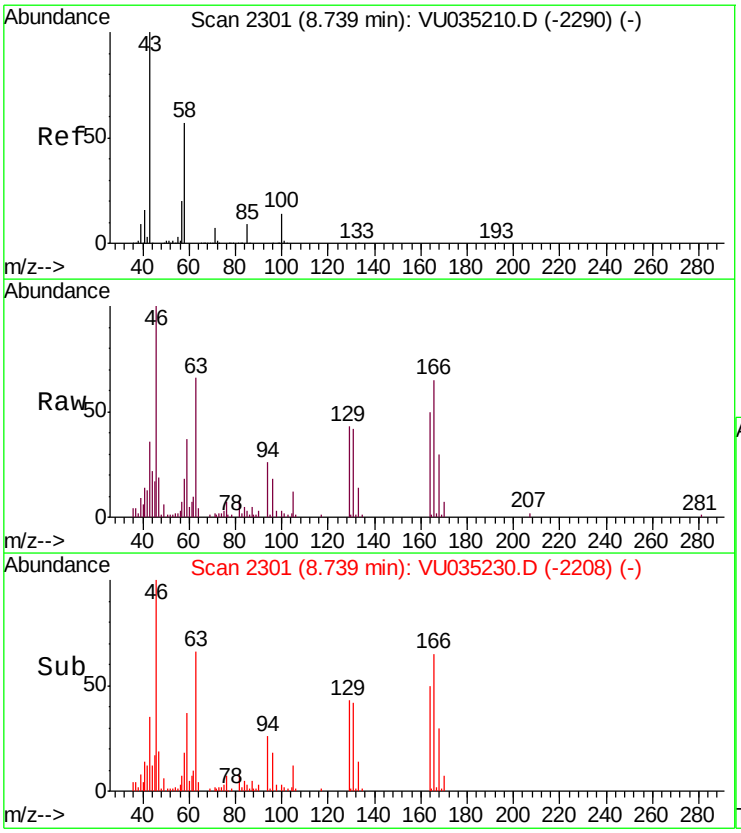
#47
Tetrachloroethene
Concen: 228.348 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Instrument :
MSVOA_U
ClientSampleId :
C0CH4

Tgt Ion:164 Resp: 5173706

Ion	Ratio	Lower	Upper
164	100		
129	93.4	65.2	121.0
131	90.0	62.9	116.9
166	127.6	91.5	169.9

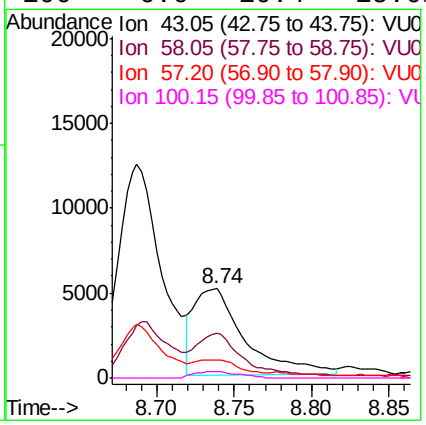


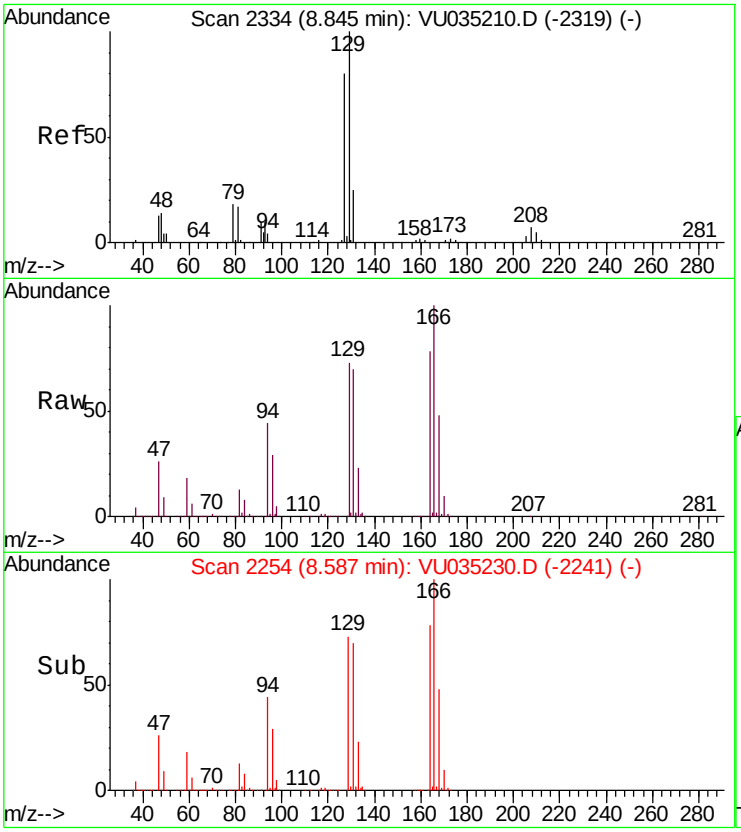


#48
2-Hexanone
Concen: 0.959 ug/L
RT: 8.74 min Scan# 2301
Delta R.T. 0.00 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Tgt Ion: 43 Resp: 11660

Ion	Ratio	Lower	Upper
43	100		
58	43.2	45.1	67.7#
57	12.3	16.0	24.0#
100	6.6	10.4	15.6#



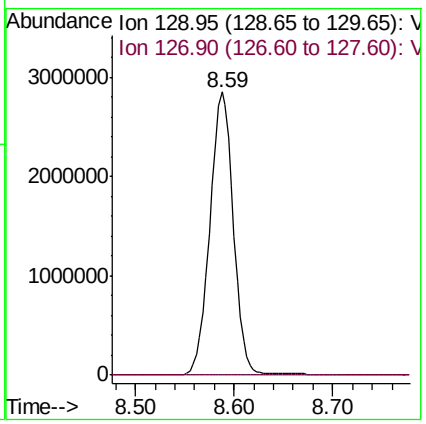


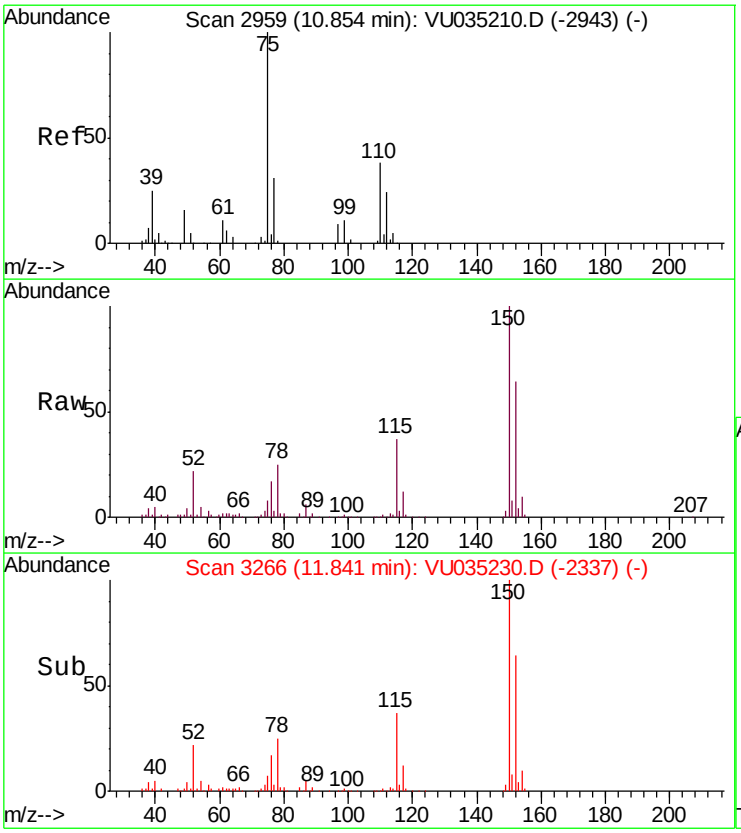
#49
Dibromochloromethane
Concen: 193.745 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. -0.26 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Instrument : MSVOA_U
ClientSampleId : C0CH4

Tgt Ion:129 Resp: 4682914

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59
1,2,3-Trichloropropane
Concen: 0.952 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Tgt Ion: 75 Resp: 17041

Ion	Ratio	Lower	Upper
75	100		
77	39.1	26.2	39.2