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

Quantitation Report (Not Reviewed)

Data File : VU035218.D
Acq On : 17 Oct 2019 18:21
Operator : JC/SP
Sample : K5318-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CG2

Quant Time: Oct 18 03:50:40 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	377862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	359195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	151964	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	118825	5.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.20%			
7) Chloroethane-d5	1.93	69	108988	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.59	63	168660	3.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.20%			
20) 2-Butanone-d5	4.72	46	309172	46.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.38%			
24) Chloroform-d	5.11	84	214127	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
26) 1,2-Dichloroethane-d4	5.75	65	122425	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.77	84	442792	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.80%			
36) 1,2-Dichloropropane-d6	6.74	67	142254	5.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.00%			
41) Toluene-d8	7.93	98	421802	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.40%			
43) trans-1,3-Dichloropropene-	8.22	79	64665	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
46) 2-Hexanone-d5	8.69	63	275234	49.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.62%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	115039	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	144069	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			

Target Compounds						Qvalue
13) Acetone	2.68	43	8476	1.840	ug/L	97
35) Methylcyclohexane	6.74	83	34152	0.719	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	16032	0.598	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	4502	0.100	ug/L #	19
45) 1,1,2-Trichloroethane	8.58	97	10053	0.505	ug/L #	1
47) Tetrachloroethene	8.58	164	1288970	54.453	ug/L	97
48) 2-Hexanone	8.74	43	13210	1.040	ug/L #	79
49) Dibromochloromethane	8.58	129	1159098	45.900	ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	19402	1.038	ug/L	95

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

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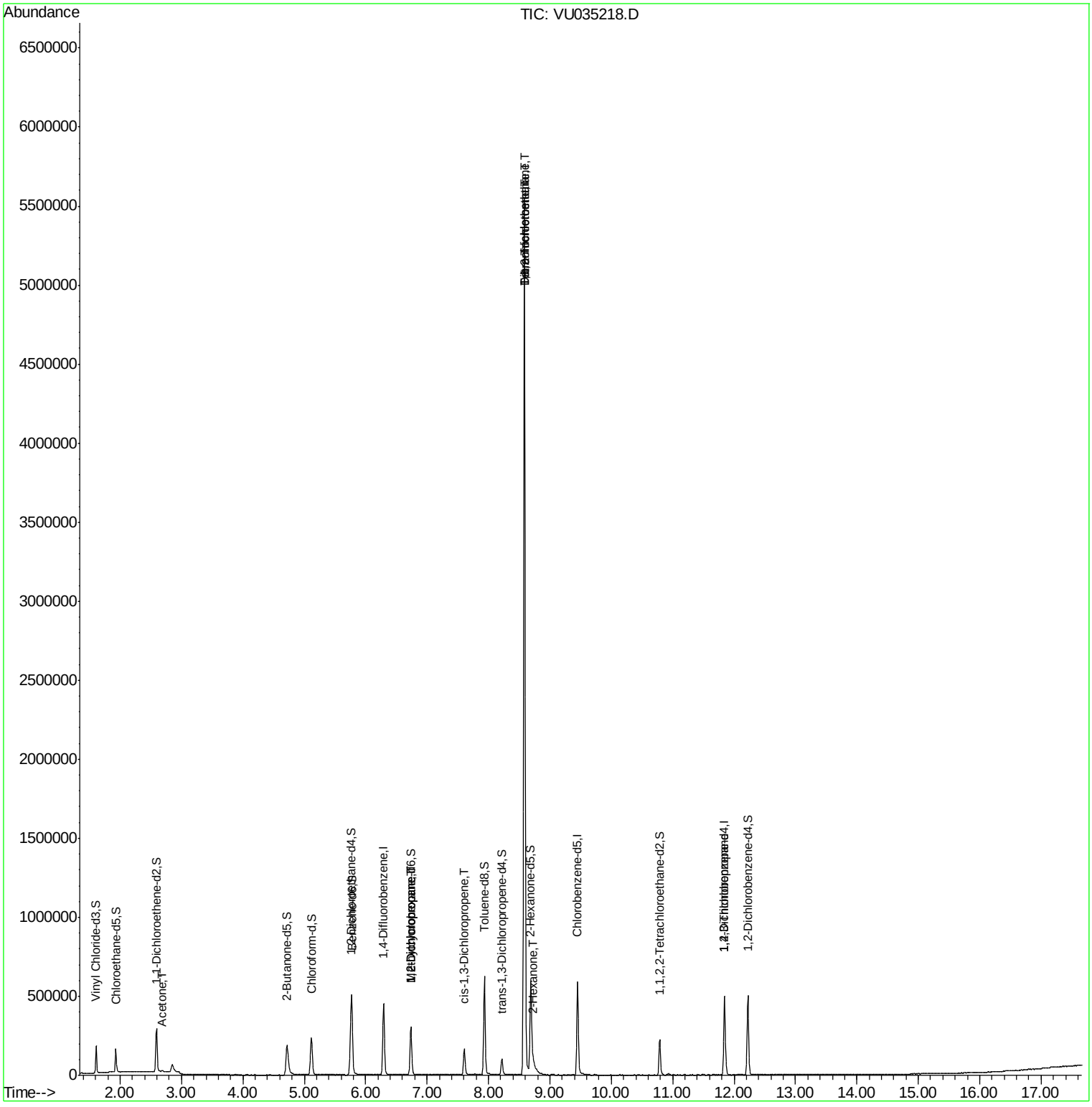
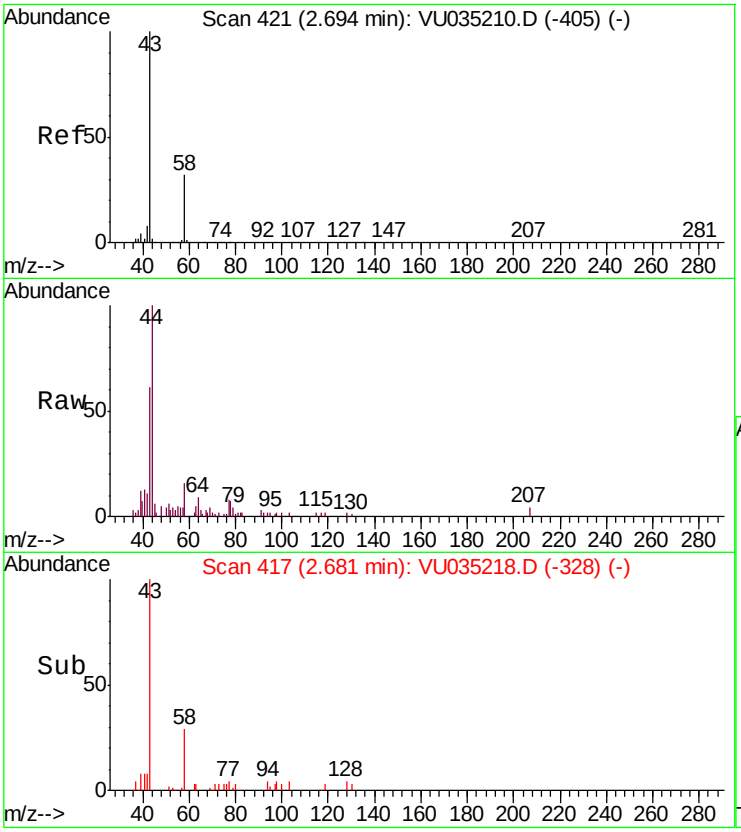
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration



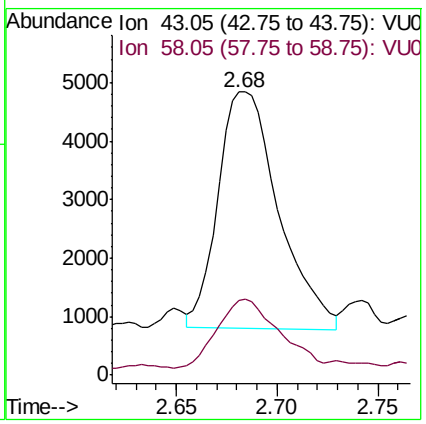


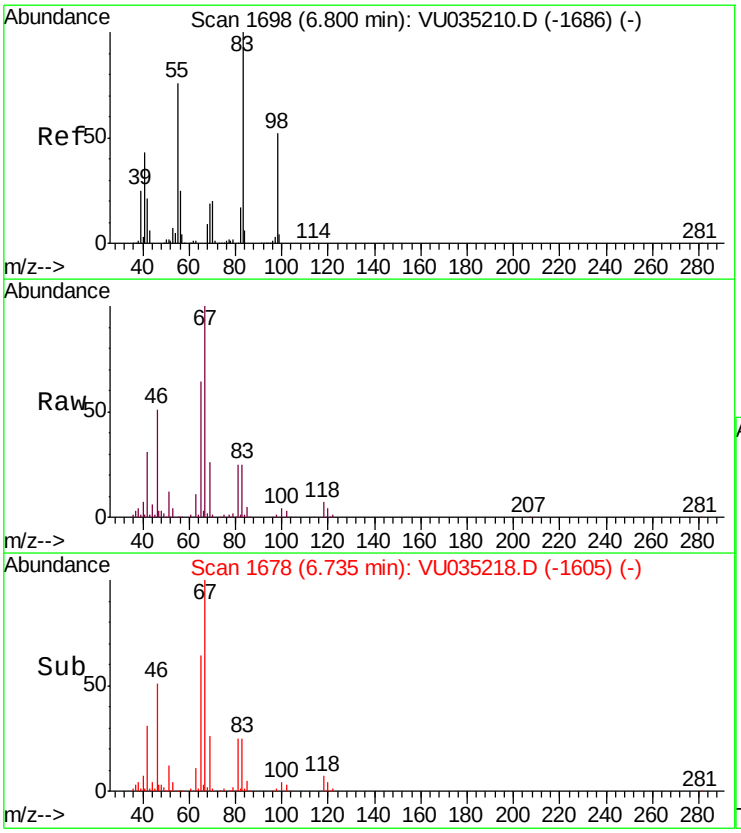
#13
Acetone
Concen: 1.840 ug/L
RT: 2.68 min Scan# 417
Delta R.T. -0.01 min
Lab File: VU035218.D
Acq: 17 Oct 2019 18:21

Instrument : MSVOA_U
ClientSampleId : C0CG2

Tgt Ion: 43 Resp: 8476

Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	61.8

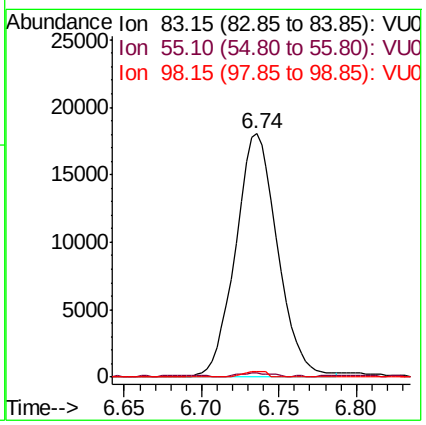


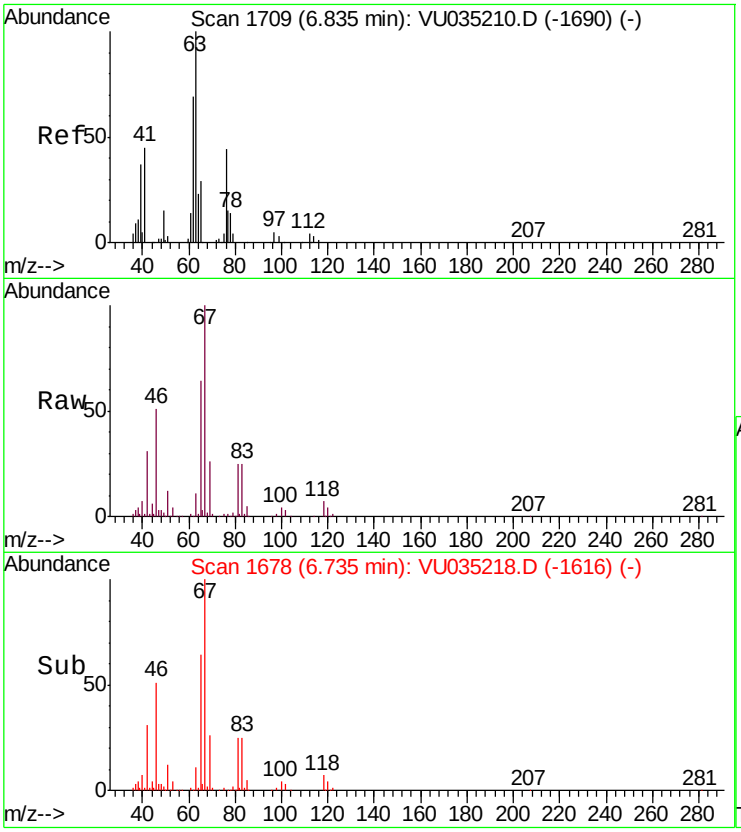


#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035218.D
Acq: 17 Oct 2019 18:21

Tgt Ion: 83 Resp: 34152

Ion	Ratio	Lower	Upper
83	100		
55	1.0	60.4	90.6#
98	1.3	39.5	59.3#



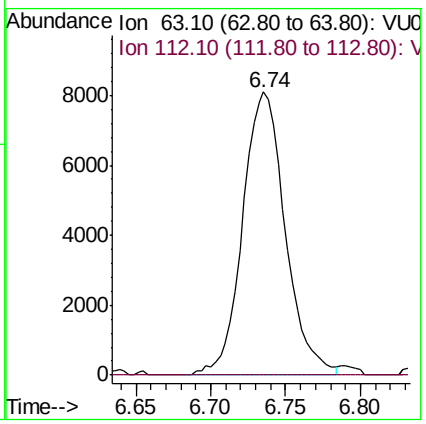


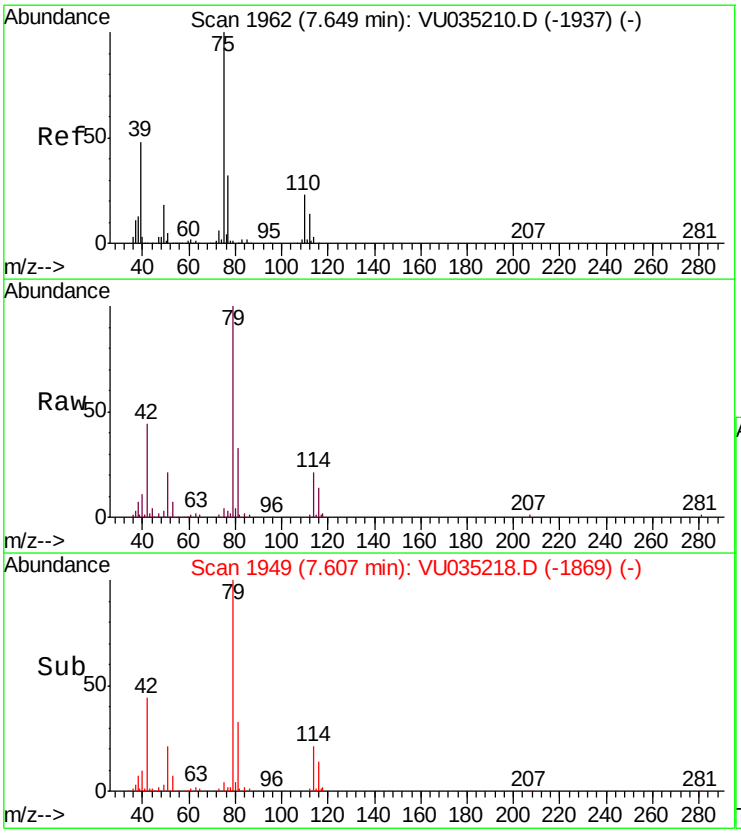
#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035218.D
Acq: 17 Oct 2019 18:21

Instrument : MSVOA_U
ClientSampleId : C0CG2

Tgt Ion: 63 Resp: 16032

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

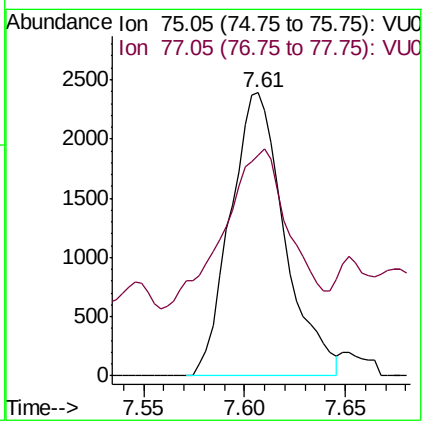


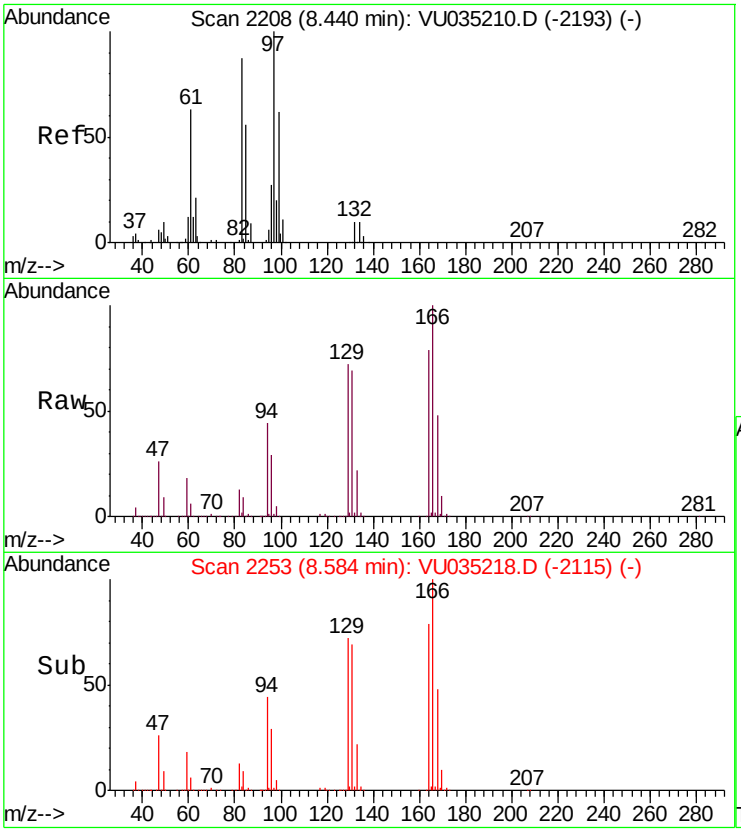


#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.04 min
Lab File: VU035218.D
Acq: 17 Oct 2019 18:21

Tgt Ion: 75 Resp: 4502

Ion	Ratio	Lower	Upper
75	100		
77	77.8	22.7	42.1#



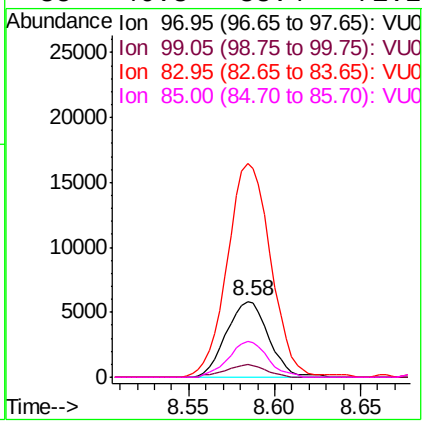


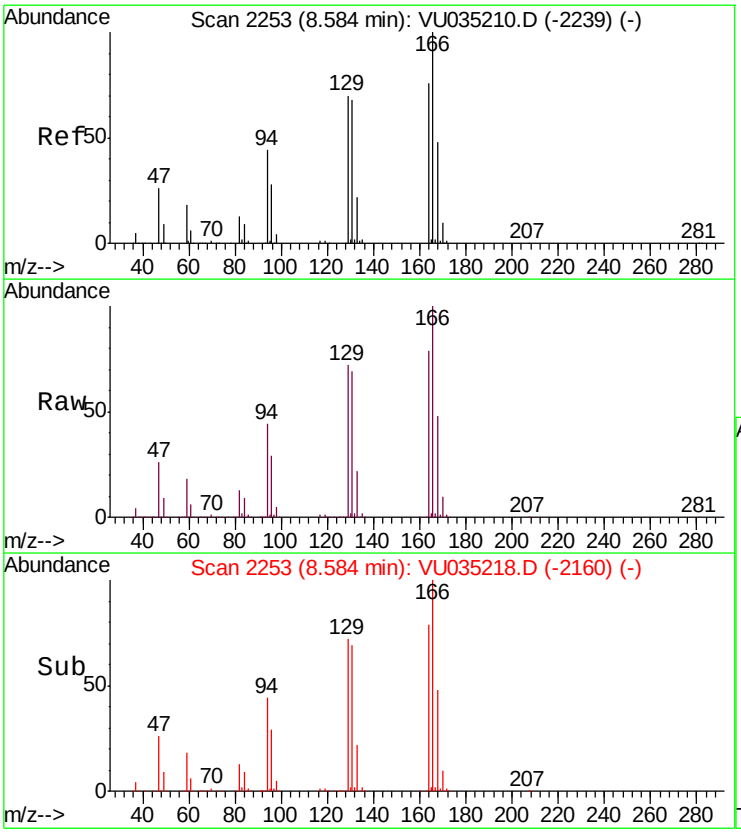
#45
1,1,2-Trichloroethane
Concen: 0.505 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.14 min
Lab File: VU035218.D
Acq: 17 Oct 2019 18:21

Instrument : MSVOA_U
ClientSampleId : C0CG2

Tgt Ion: 97 Resp: 10053

Ion	Ratio	Lower	Upper
97	100		
99	16.2	42.9	79.7#
83	281.5	60.4	112.2#
85	46.8	38.4	71.2

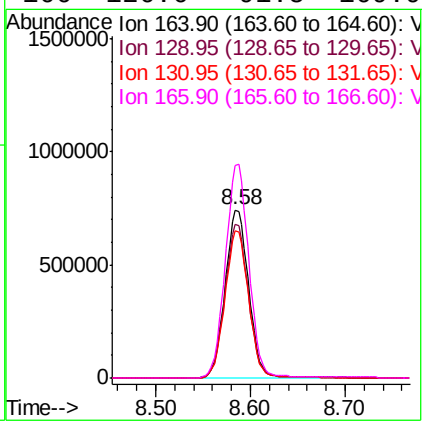


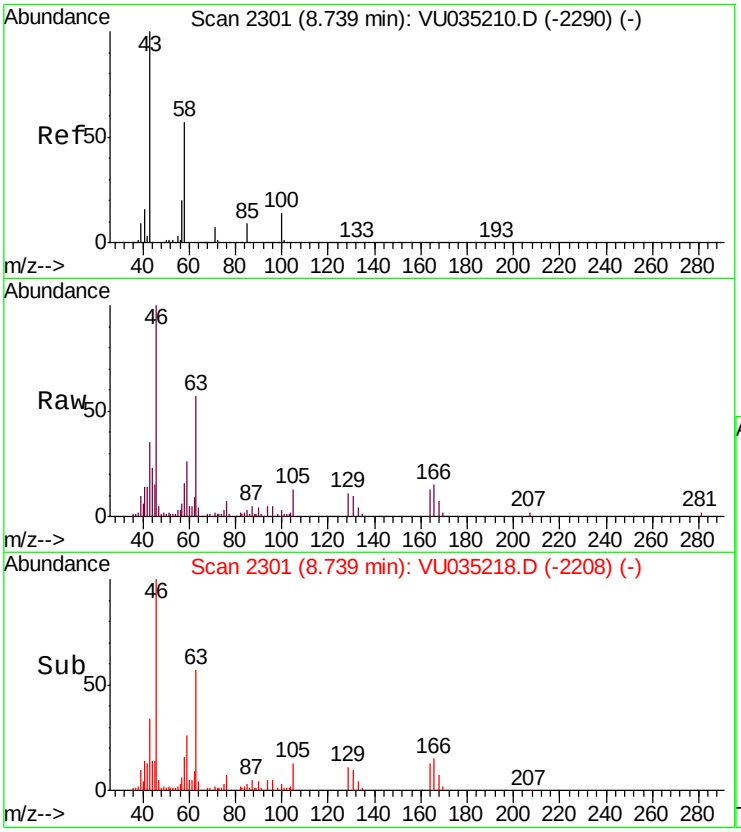


#47
Tetrachloroethene
Concen: 54.453 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035218.D
Acq: 17 Oct 2019 18:21

Tgt Ion:164 Resp: 1288970

Ion	Ratio	Lower	Upper
164	100		
129	91.3	65.2	121.0
131	87.4	62.9	116.9
166	126.6	91.5	169.9



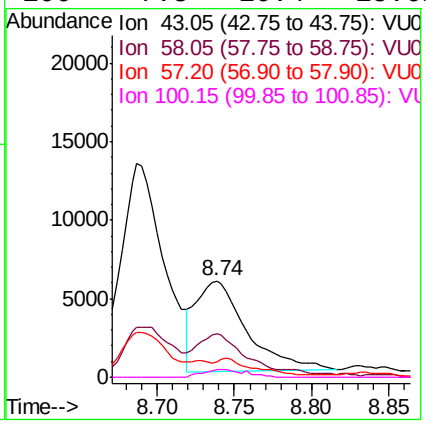


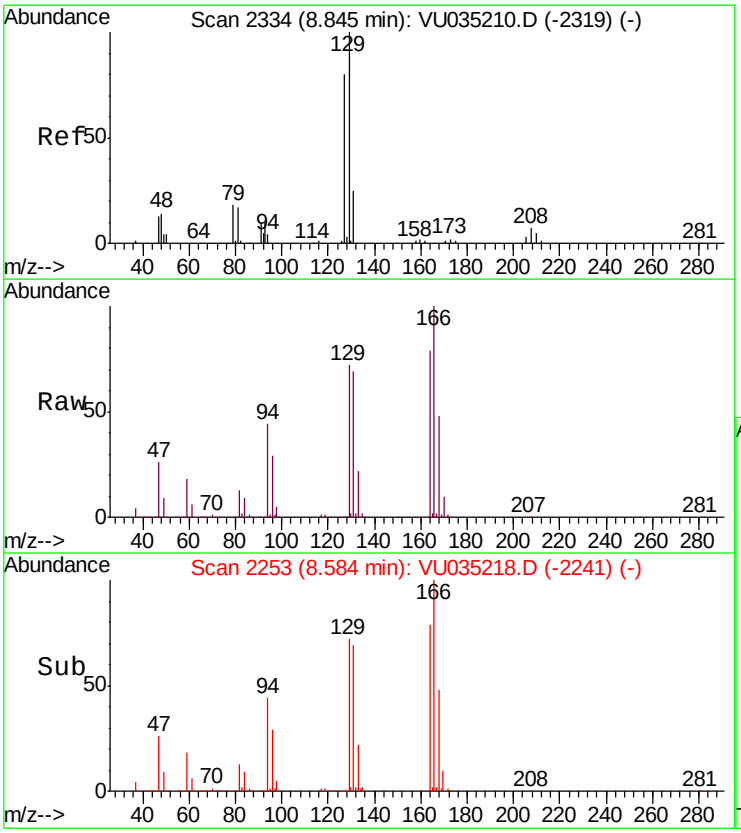
#48
2-Hexanone
Concen: 1.040 ug/L
RT: 8.74 min Scan# 2301
Delta R.T. -0.00 min
Lab File: VU035218.D
Acq: 17 Oct 2019 18:21

Instrument : MSVOA_U
ClientSampleId : C0CG2

Tgt Ion: 43 Resp: 13210

Ion	Ratio	Lower	Upper
43	100		
58	35.8	45.1	67.7#
57	17.3	16.0	24.0
100	7.3	10.4	15.6#

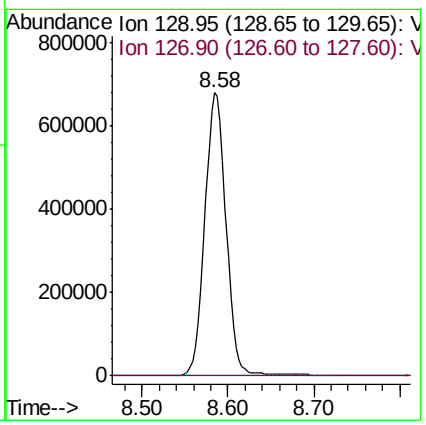


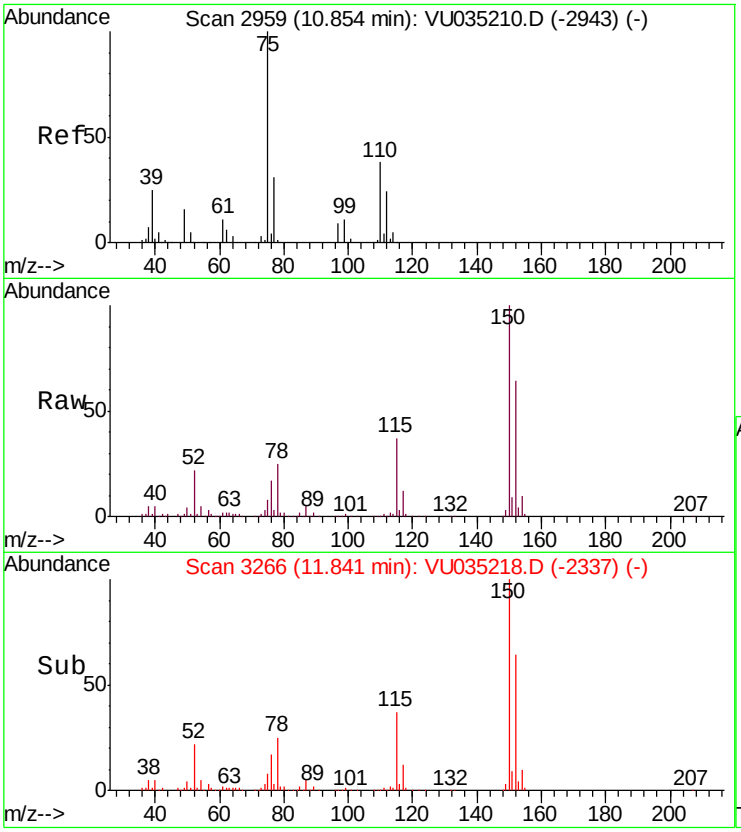


#49
Dibromochloromethane
Concen: 45.900 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035218.D
Acq: 17 Oct 2019 18:21

Tgt Ion:129 Resp: 1159098

Ion	Ratio	Lower	Upper
129	100		
127	0.1	53.8	99.8#





#59
1,2,3-Trichloropropane
Concen: 1.038 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035218.D
Acq: 17 Oct 2019 18:21

Instrument :
MSVOA_U
ClientSampleId :
C0CG2

Tgt Ion: 75 Resp: 19402

Ion	Ratio	Lower	Upper
75	100		
77	35.7	26.2	39.2