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

Quantitation Report (Not Reviewed)

Data File : VU035212.D
Acq On : 17 Oct 2019 15:59
Operator : JC/SP
Sample : K5317-06DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CE9DL

Quant Time: Oct 18 03:49:14 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	401591	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	386281	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	158959	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	121877	4.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.60%			
7) Chloroethane-d5	1.93	69	109999	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.20%			
11) 1,1-Dichloroethene-d2	2.59	63	167966	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.20%			
20) 2-Butanone-d5	4.73	46	331597	47.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.24%			
24) Chloroform-d	5.11	84	214852	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.75	65	121455	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.77	84	449864	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
36) 1,2-Dichloropropane-d6	6.74	67	140695	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.93	98	427247	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	8.22	79	65348	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.69	63	276860	46.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.24%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	118832	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	140511	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
16) Methylene chloride	3.08	84	11590	0.373	ug/L	95
35) Methylcyclohexane	6.74	83	33096	0.648	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	15985	0.554	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	4424	0.092	ug/L #	6
47) Tetrachloroethene	8.58	164	109826	4.314	ug/L	97
49) Dibromochloromethane	8.58	129	97773	3.600	ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	18913	0.941	ug/L	90

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

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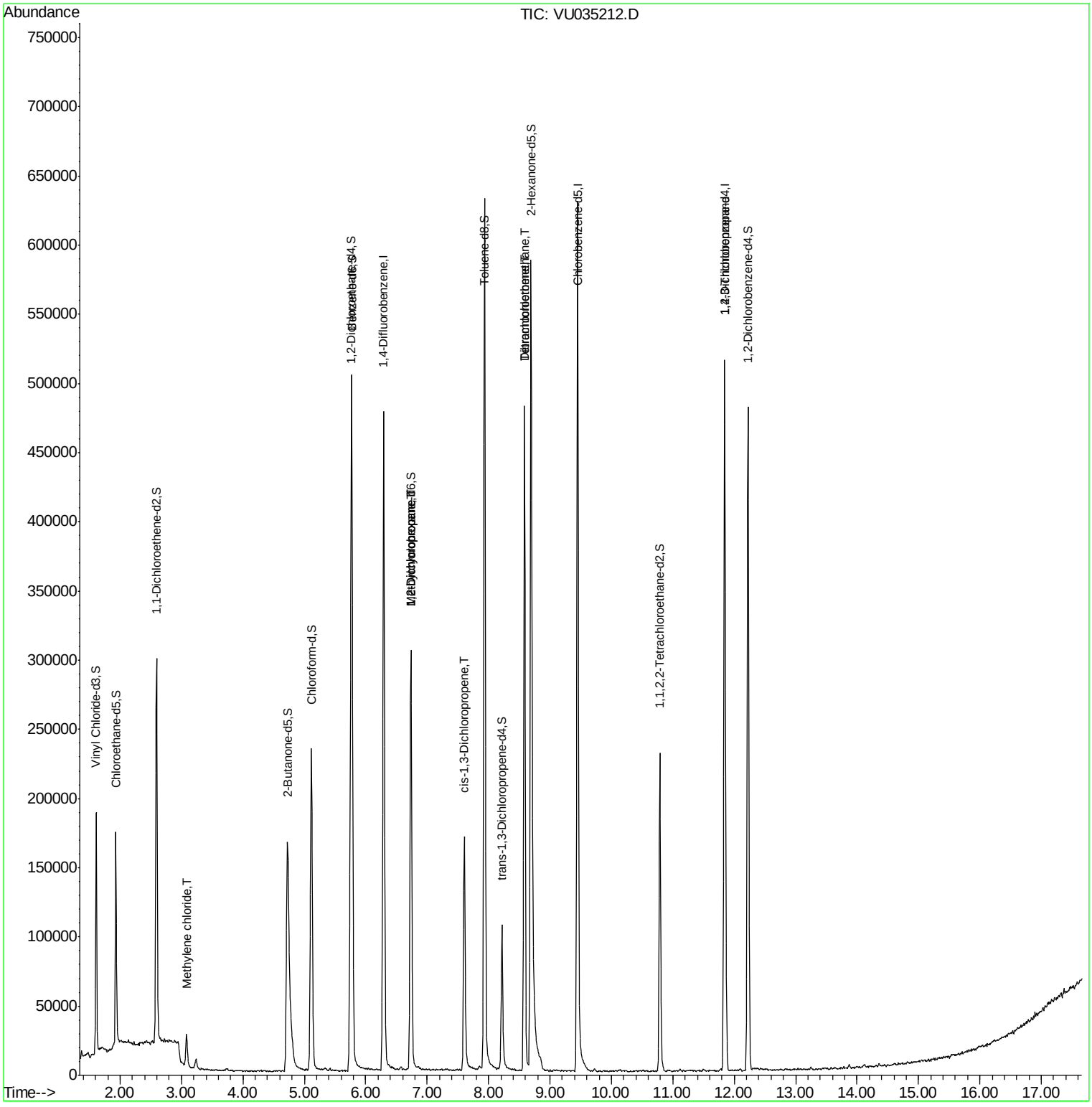
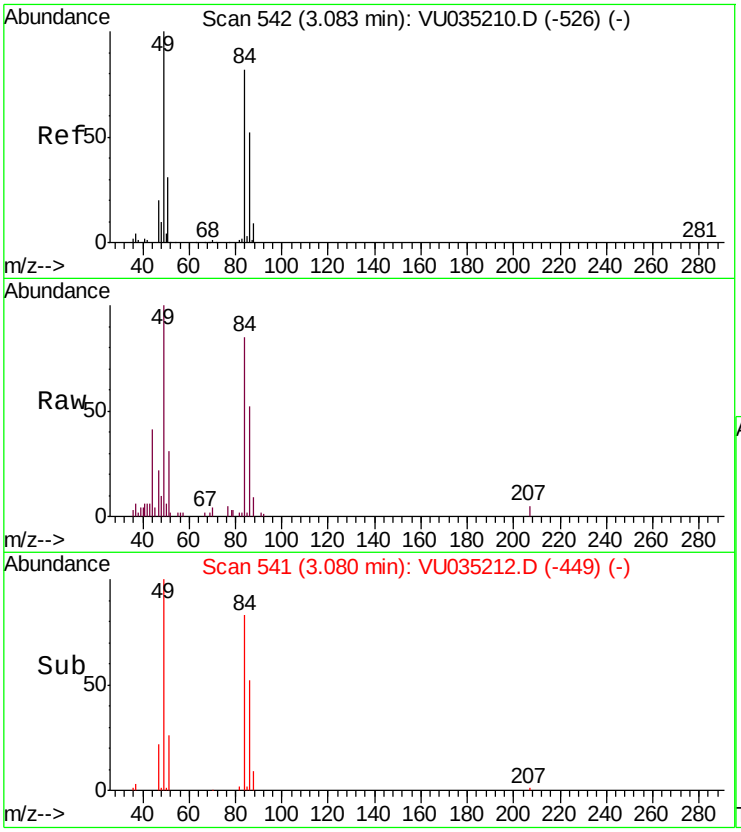
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration



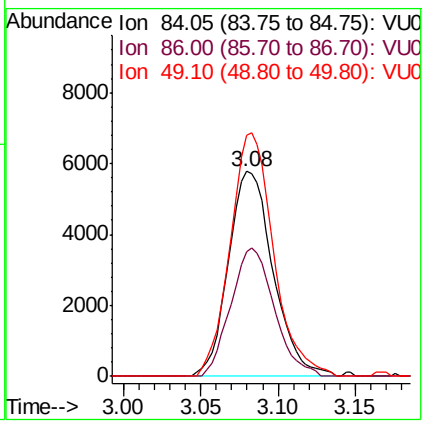


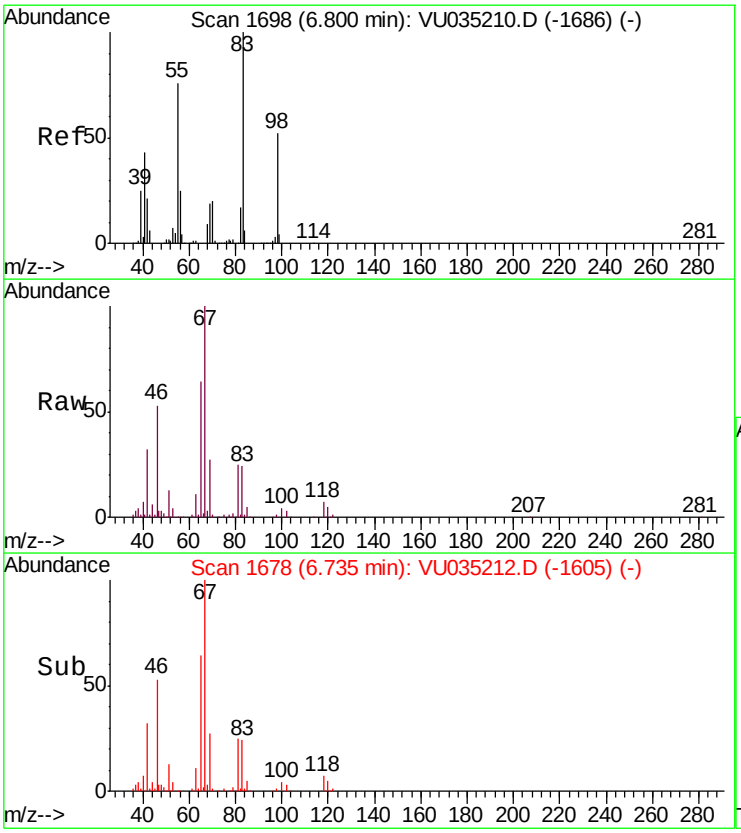
#16
Methylene chloride
Concen: 0.373 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035212.D
Acq: 17 Oct 2019 15:59

Instrument : MSVOA_U
ClientSampleId : C0CE9DL

Tgt Ion: 84 Resp: 11590

Ion	Ratio	Lower	Upper
84	100		
86	60.9	45.4	84.2
49	117.6	86.8	161.2

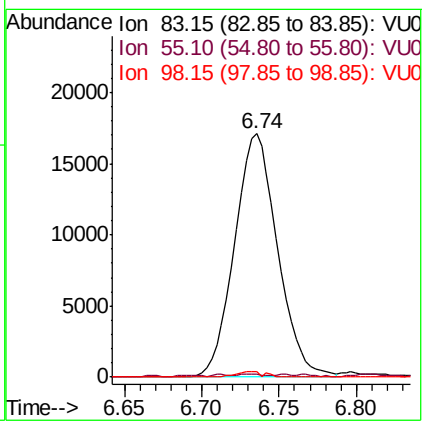


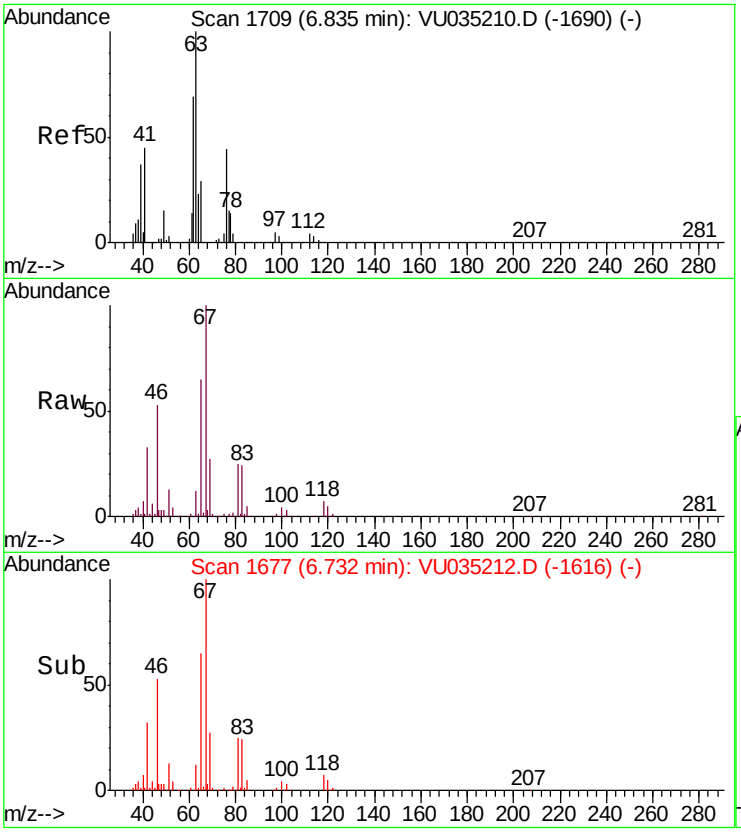


#35
Methylcyclohexane
Concen: 0.648 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035212.D
Acq: 17 Oct 2019 15:59

Tgt Ion: 83 Resp: 33096

Ion	Ratio	Lower	Upper
83	100		
55	0.7	60.4	90.6#
98	1.1	39.5	59.3#



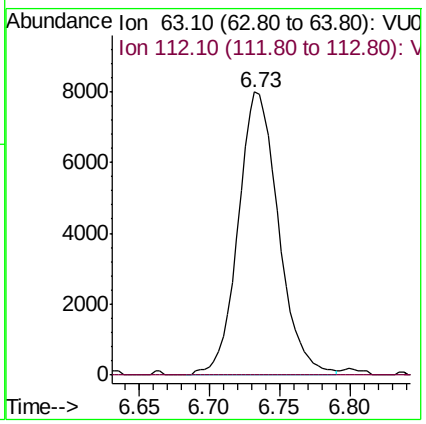


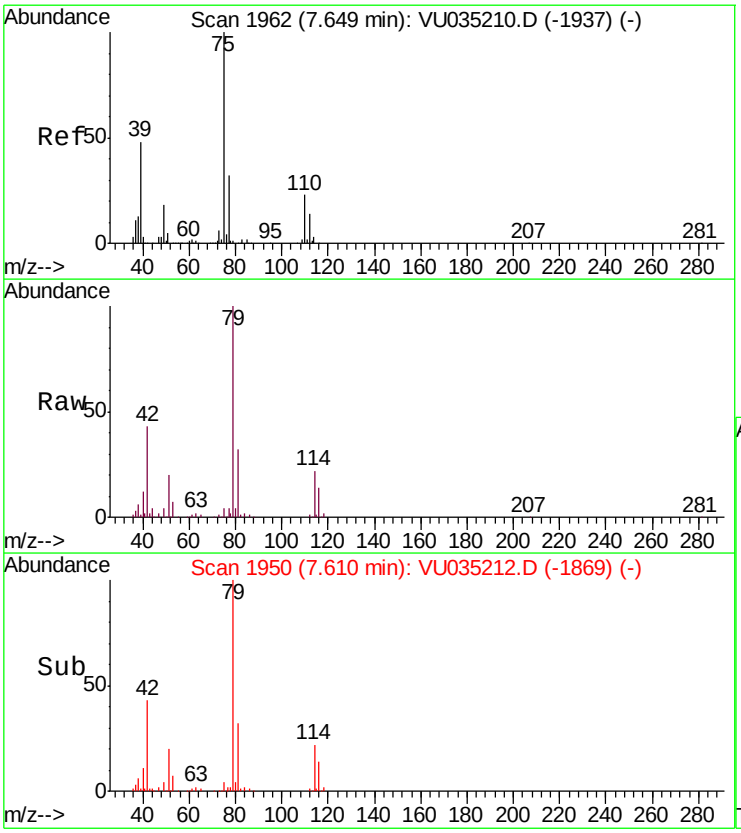
#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035212.D
Acq: 17 Oct 2019 15:59

Instrument :
MSVOA_U
ClientSampleId :
C0CE9DL

Tgt Ion: 63 Resp: 15985

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

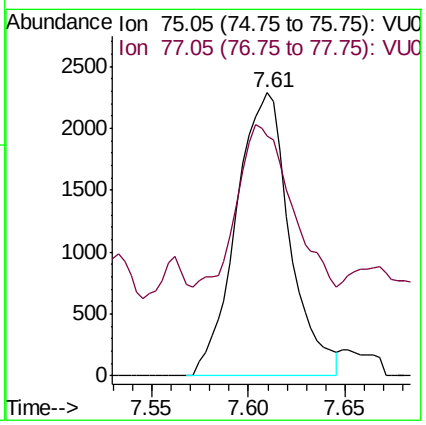


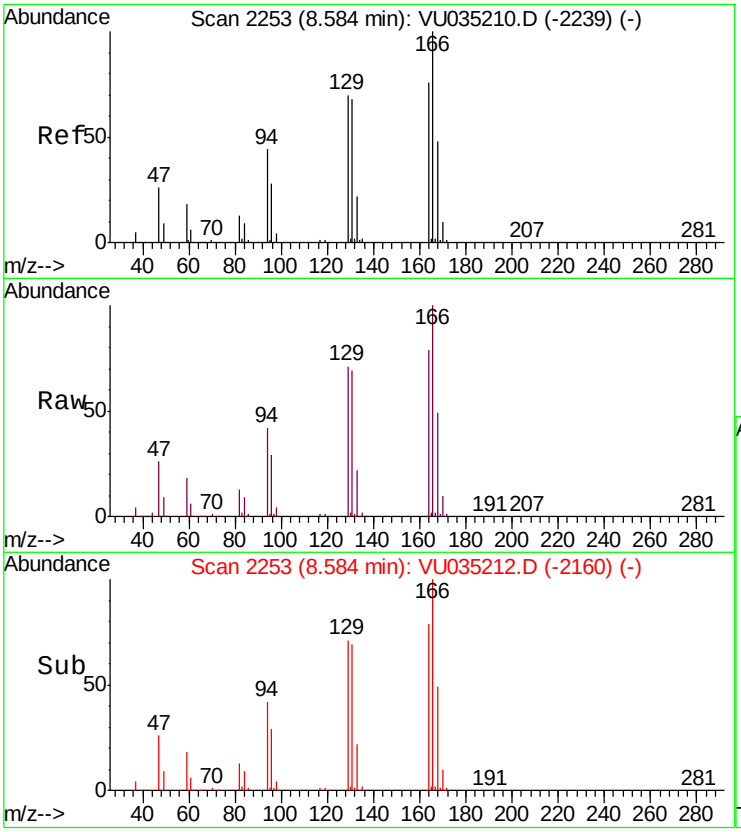


#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.61 min Scan# 1950
Delta R.T. -0.04 min
Lab File: VU035212.D
Acq: 17 Oct 2019 15:59

Tgt Ion: 75 Resp: 4424

Ion	Ratio	Lower	Upper
75	100		
77	84.9	22.7	42.1#



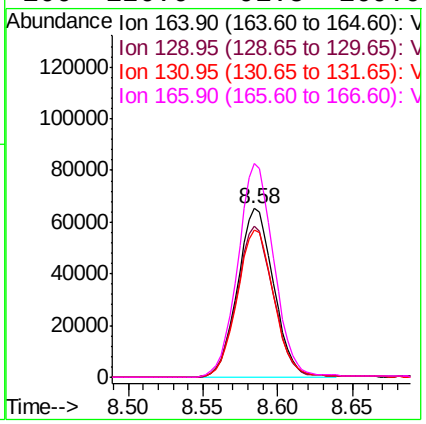


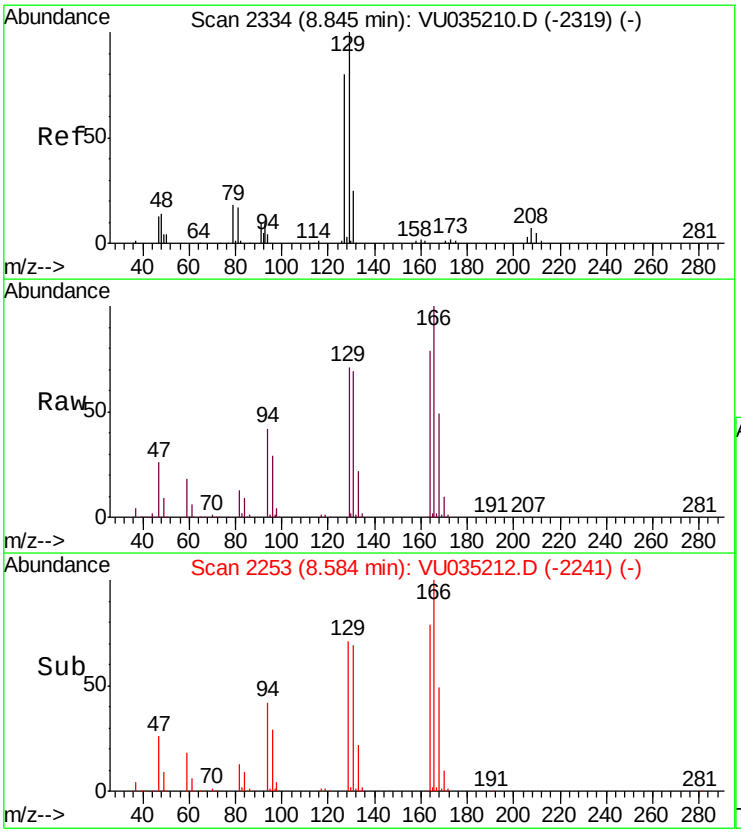
#47
Tetrachloroethene
Concen: 4.314 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035212.D
Acq: 17 Oct 2019 15:59

Instrument :
MSVOA_U
ClientSampleId :
C0CE9DL

Tgt Ion:164 Resp: 109826

Ion	Ratio	Lower	Upper
164	100		
129	89.9	65.2	121.0
131	87.2	62.9	116.9
166	126.6	91.5	169.9

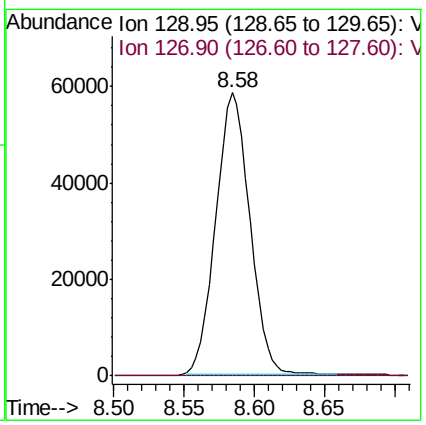


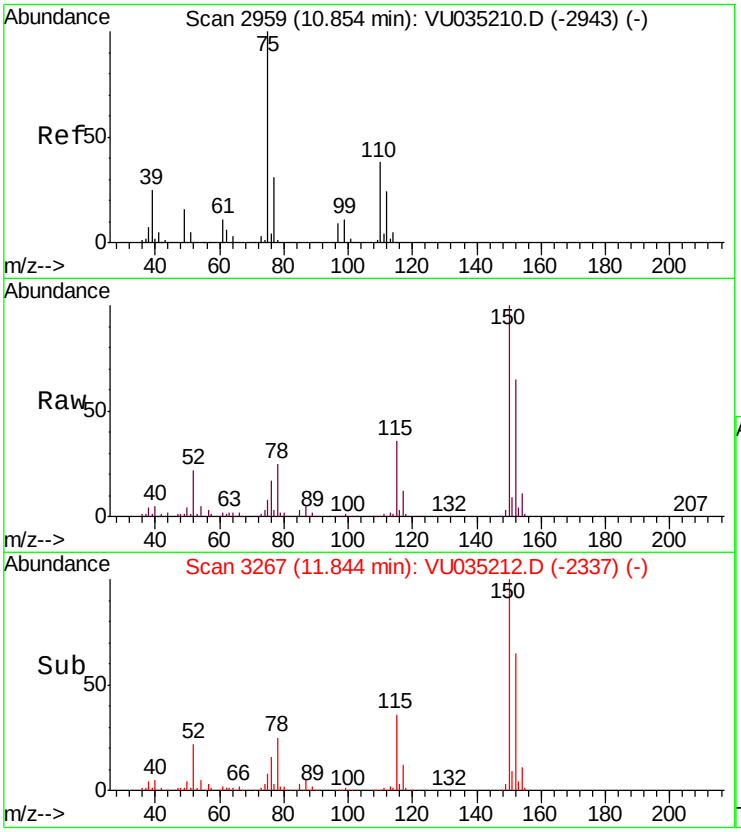


#49
Dibromochloromethane
Concen: 3.600 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035212.D
Acq: 17 Oct 2019 15:59

Tgt Ion:129 Resp: 97773

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59
1,2,3-Trichloropropane
Concen: 0.941 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035212.D
Acq: 17 Oct 2019 15:59

Instrument :
MSVOA_U
ClientSampleId :
C0CE9DL

Tgt Ion: 75 Resp: 18913

Ion	Ratio	Lower	Upper
75	100		
77	38.4	26.2	39.2