Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\
Data File : VU032170.D
Acq On : 20 May 2019 21:33
Operator : JC/SP
Sample : K2889-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 21 08:41:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	357610	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367101	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152526	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	96985	3.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.40%			
7) Chloroethane-d5	1.68	69	85970	3.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 66.80%			
11) 1,1-Dichloroethene-d2	2.27	63	138842	2.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.80%#			
20) 2-Butanone-d5	4.20	46	242087	40.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.88%			
24) Chloroform-d	4.64	84	209559	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.20%			
26) 1,2-Dichloroethane-d4	5.31	65	107924	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
32) Benzene-d6	5.33	84	407353	3.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.80%			
36) 1,2-Dichloropropane-d6	6.33	67	123625	3.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.60%			
41) Toluene-d8	7.56	98	330983	3.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.00%#			
43) trans-1,3-Dichloropropene-	7.85	79	40897	3.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.40%			
46) 2-Hexanone-d5	8.31	63	236230	44.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106155	3.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	131730	4.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.60%			
Target Compounds						Qvalue
13) Acetone	2.33	43	4973	2.561	ug/L	89
29) 1,1,1-Trichloroethane	4.91	97	3588	0.168	ug/L #	81
35) Methylcyclohexane	6.32	83	28184	1.280	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	13590	0.986	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2822	0.148	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1660	0.112	ug/L #	76
45) 1,1,2-Trichloroethane	8.22	97	9952	0.978	ug/L #	1
47) Tetrachloroethene	8.22	164	1311314	114.724	ug/L	95
48) 2-Hexanone	8.36	43	8790	1.774	ug/L #	34
49) Dibromochloromethane	8.22	129	1201157	102.372	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	15362	1.755	ug/L	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\
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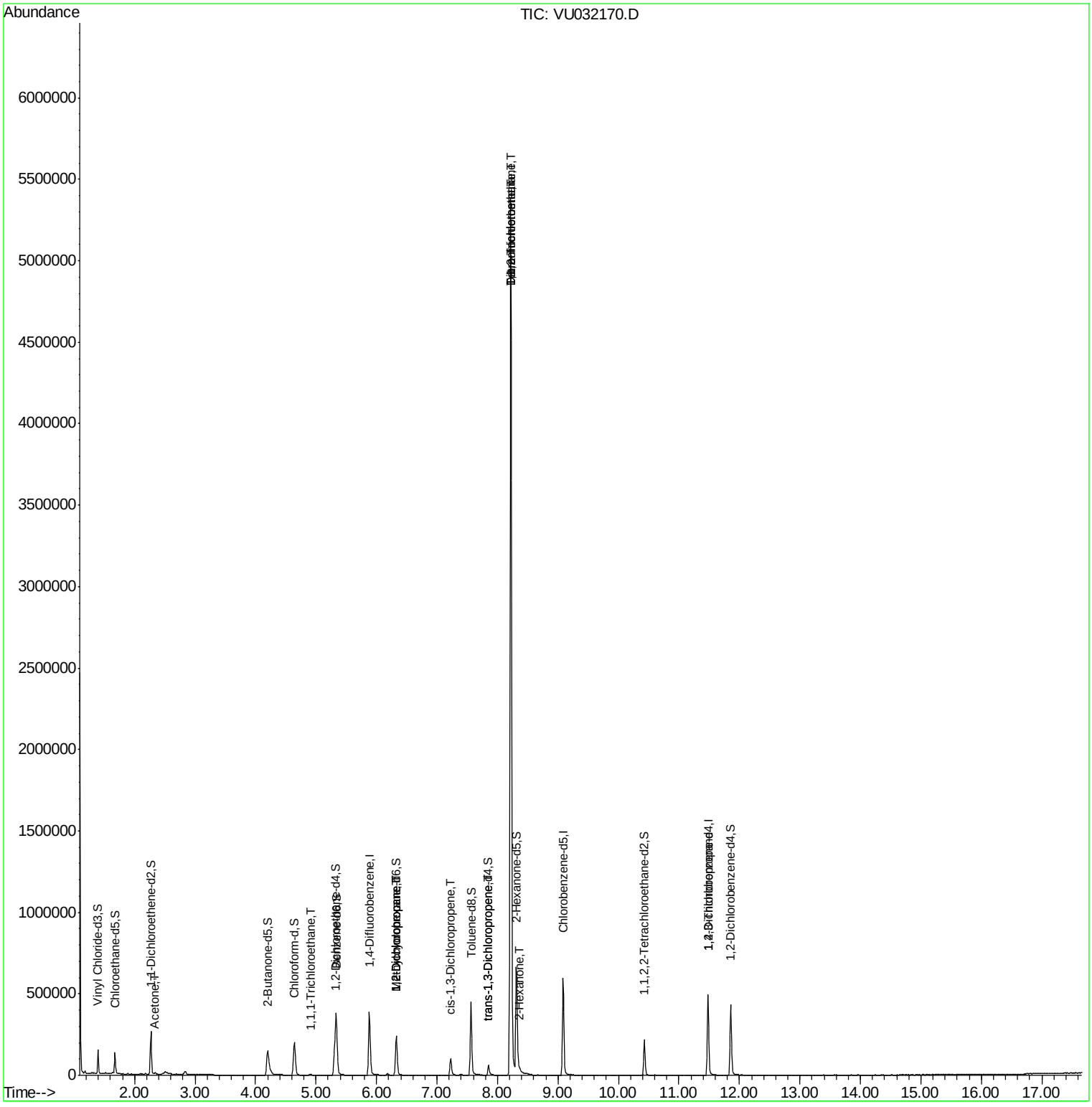
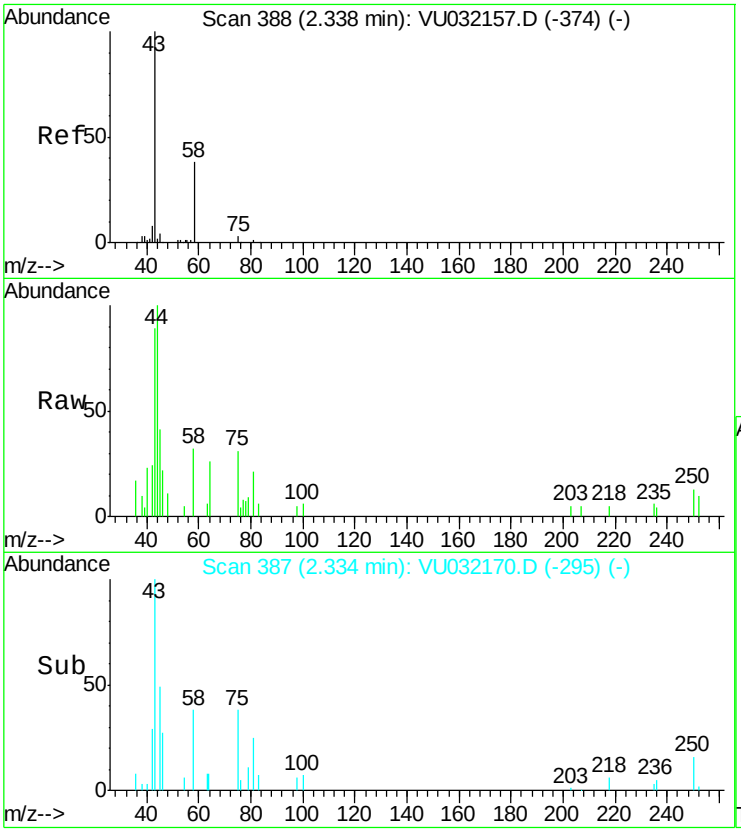
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 21 08:41:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration



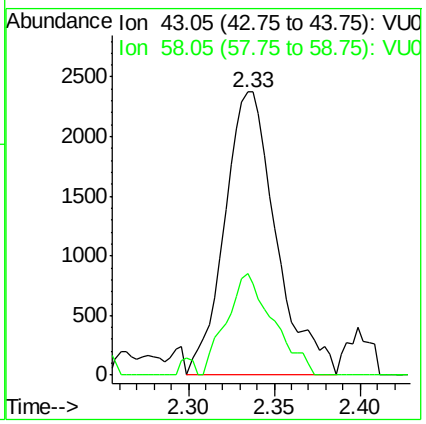


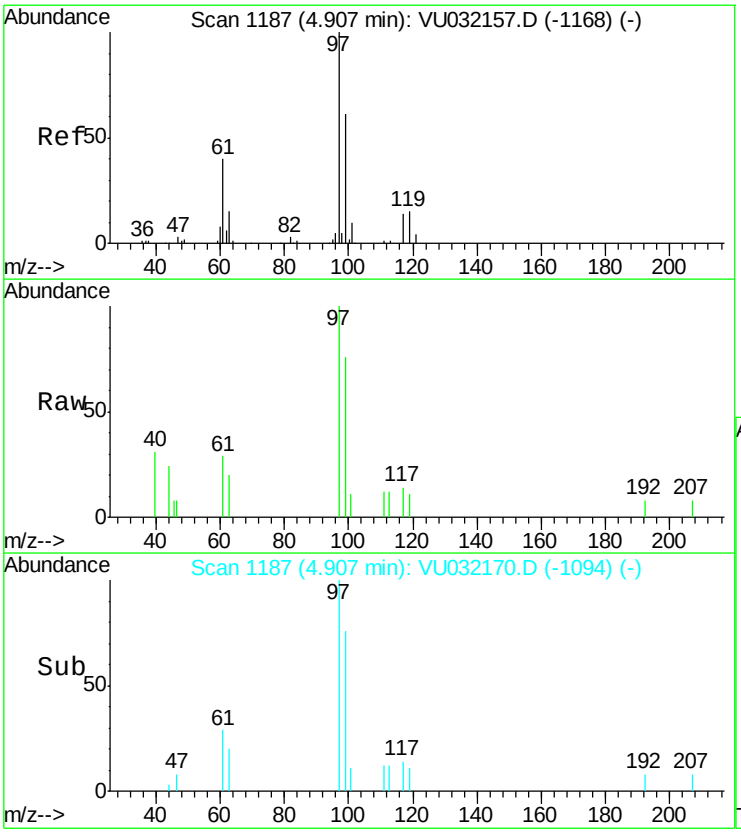
#13
Acetone
Concen: 2.561 ug/L
RT: 2.33 min Scan# 387
Delta R.T. -0.00 min
Lab File: VU032170.D
Acq: 20 May 2019 21:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 4973

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	78.8

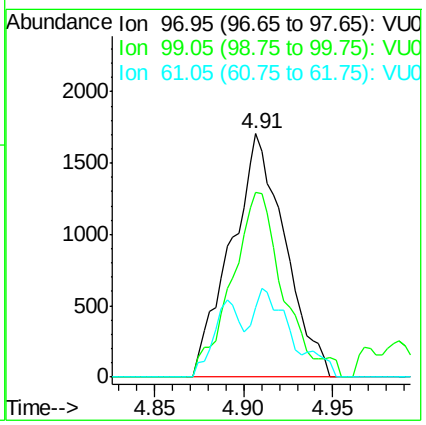


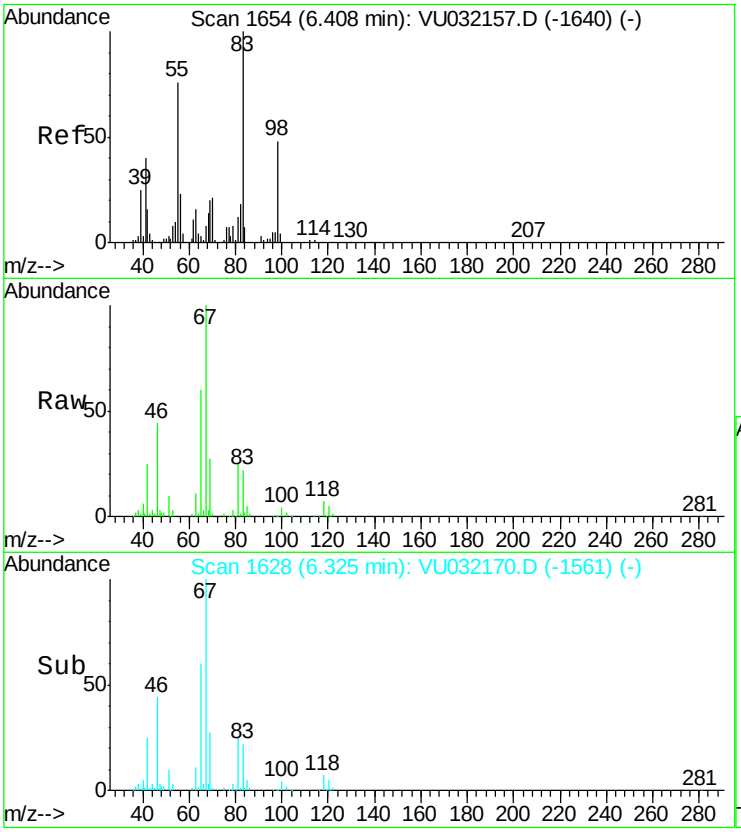


#29
1,1,1-Trichloroethane
Concen: 0.168 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU032170.D
Acq: 20 May 2019 21:33

Tgt Ion: 97 Resp: 3588

Ion	Ratio	Lower	Upper
97	100		
99	70.4	53.7	80.5
61	16.1	34.2	51.4#



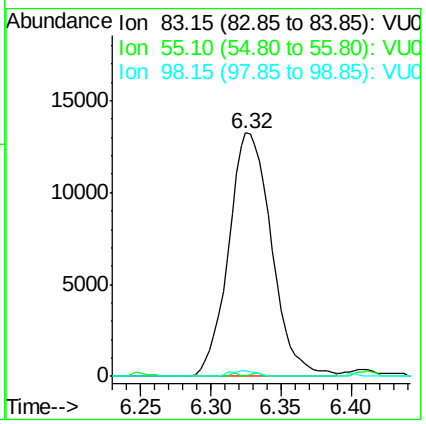


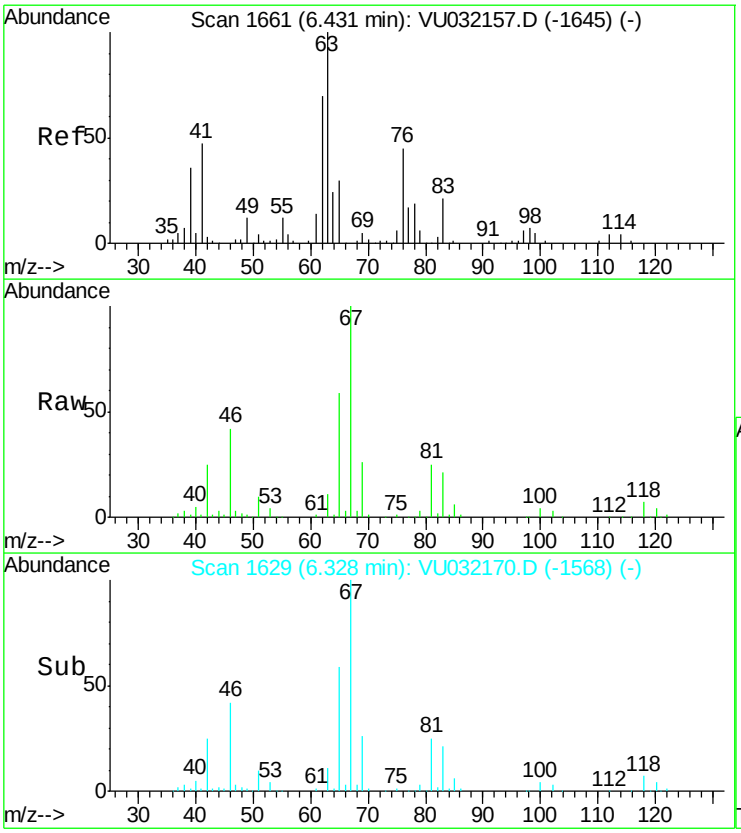
#35
Methylcyclohexane
Concen: 1.280 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032170.D
Acq: 20 May 2019 21:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 28184

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	1.5	36.8	55.2#

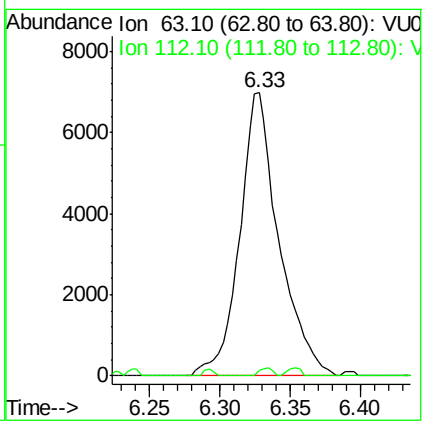


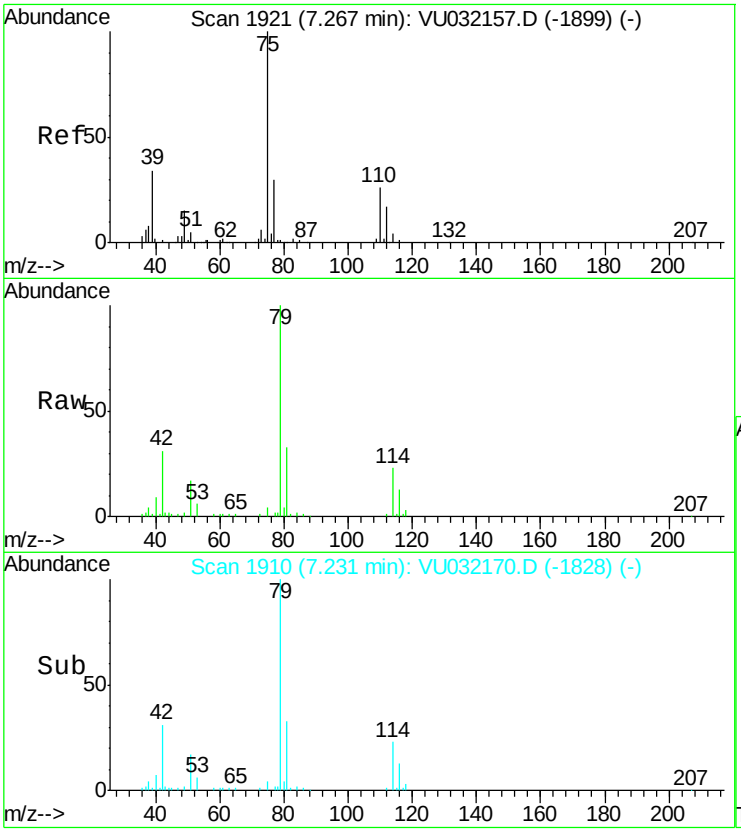


#37
1,2-Dichloropropane
Concen: 0.986 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032170.D
Acq: 20 May 2019 21:33

Tgt Ion: 63 Resp: 13590

Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.8	5.6#



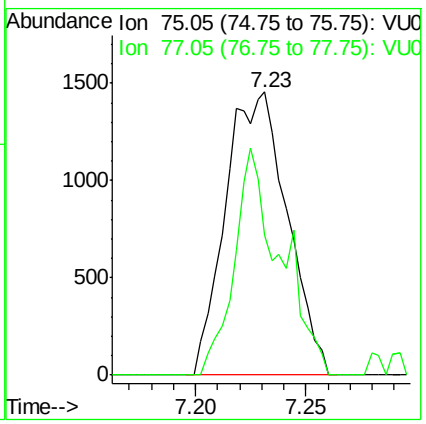


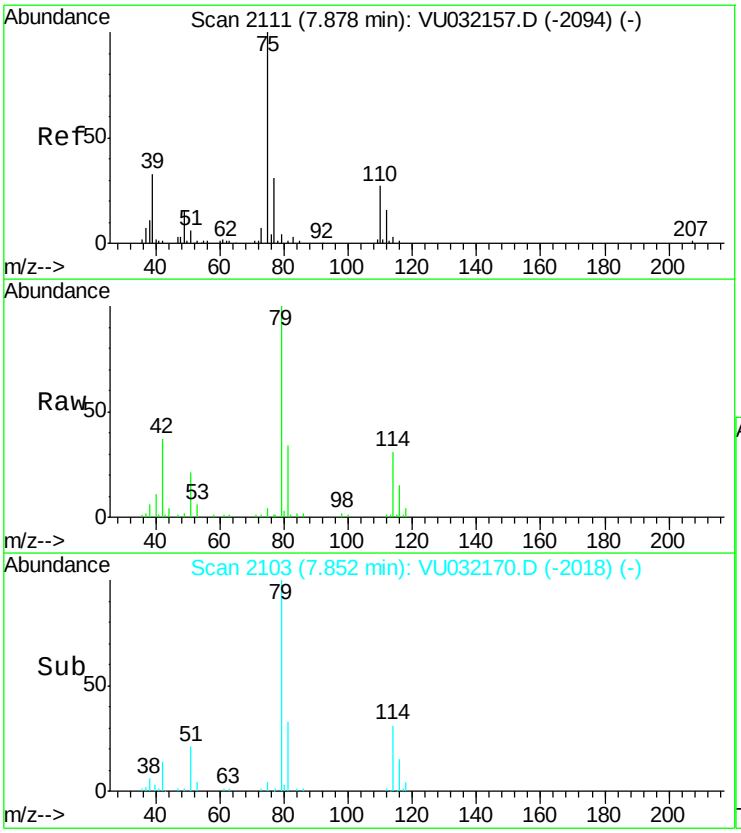
#39
cis-1,3-Dichloropropene
Concen: 0.148 ug/L
RT: 7.23 min Scan# 1910
Delta R.T. -0.04 min
Lab File: VU032170.D
Acq: 20 May 2019 21:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2822

Ion	Ratio	Lower	Upper
75	100		
77	49.6	21.7	40.3#

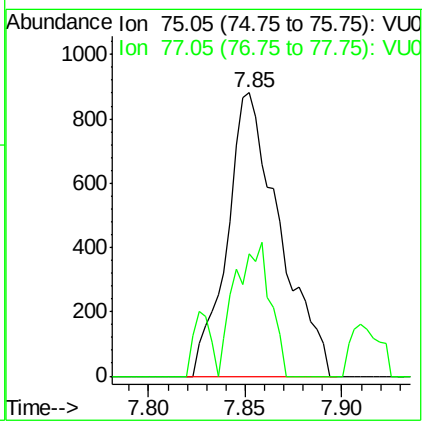


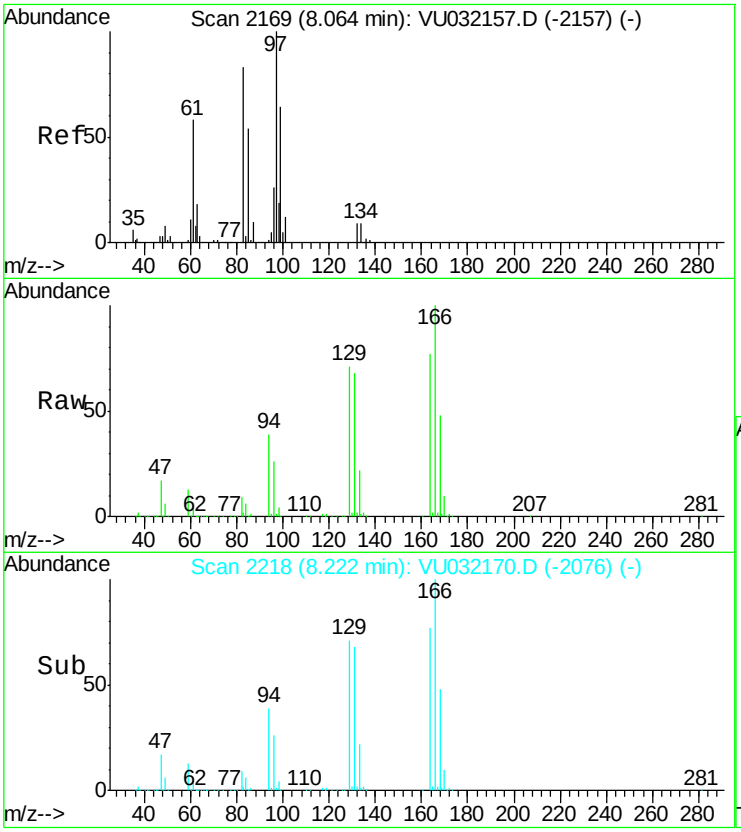


#44
trans-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU032170.D
Acq: 20 May 2019 21:33

Tgt Ion: 75 Resp: 1660

Ion	Ratio	Lower	Upper
75	100		
77	43.1	21.0	39.0#



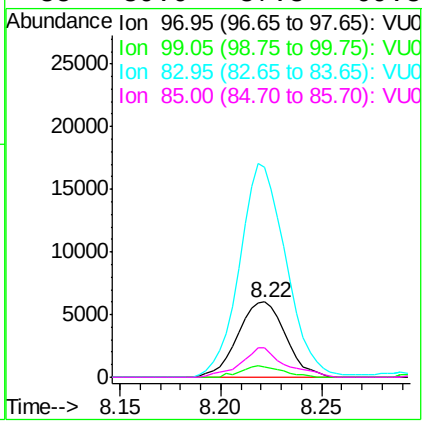


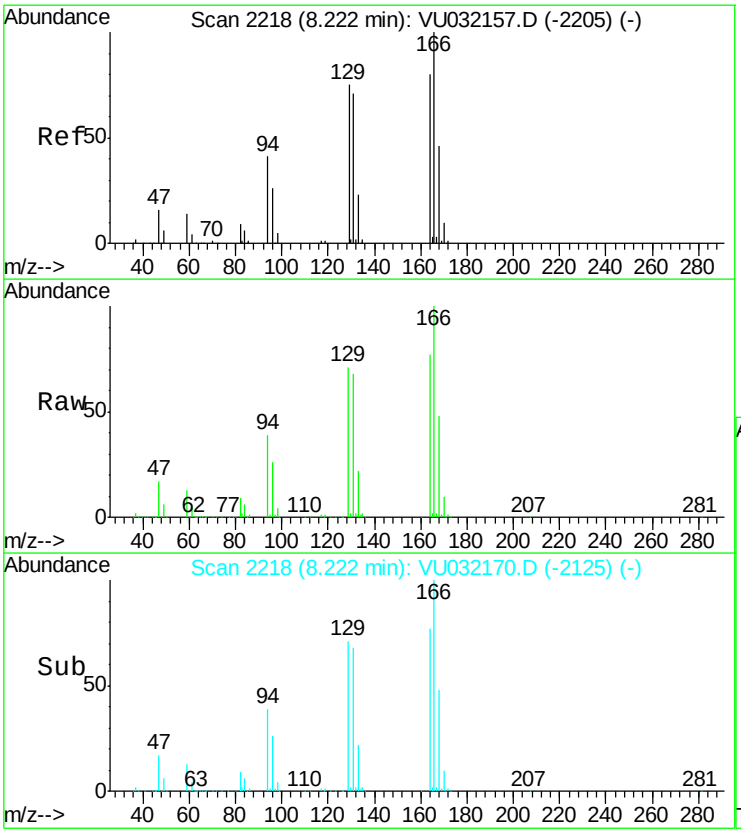
#45
1,1,2-Trichloroethane
Concen: 0.978 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.16 min
Lab File: VU032170.D
Acq: 20 May 2019 21:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 9952

Ion	Ratio	Lower	Upper
97	100		
99	14.4	40.7	75.7#
83	279.6	59.6	110.8#
85	39.0	37.3	69.3

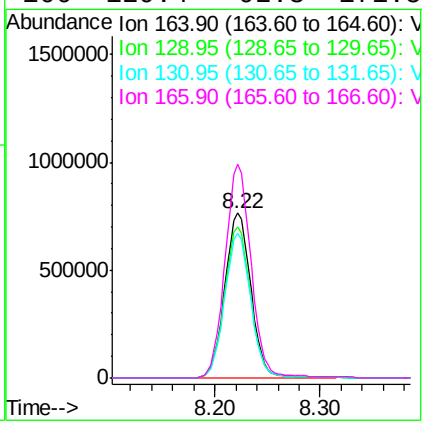


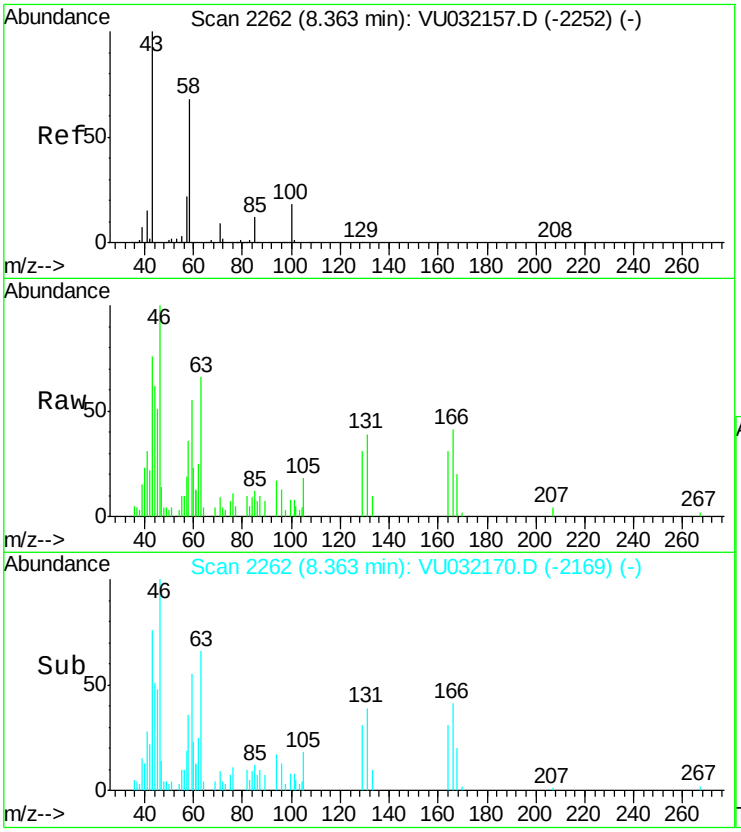


#47
Tetrachloroethene
Concen: 114.724 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032170.D
Acq: 20 May 2019 21:33

Tgt Ion:164 Resp: 1311314

Ion	Ratio	Lower	Upper
164	100		
129	91.7	70.3	130.5
131	87.5	64.5	119.9
166	129.4	92.3	171.5



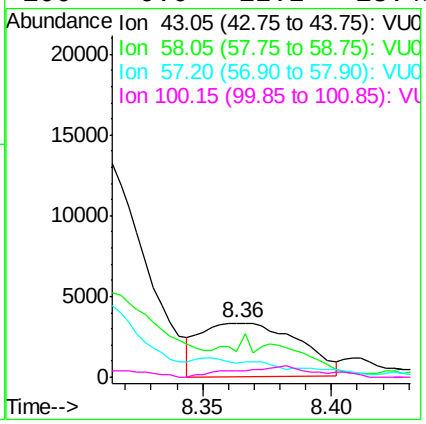


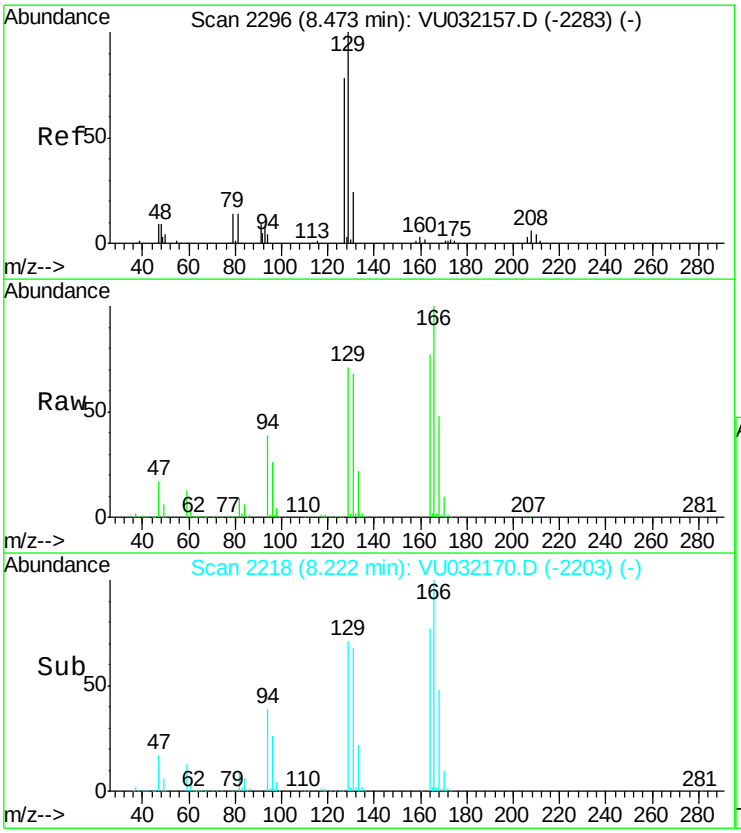
#48
2-Hexanone
Concen: 1.774 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU032170.D
Acq: 20 May 2019 21:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 8790

Ion	Ratio	Lower	Upper
43	100		
58	0.0	51.6	77.4#
57	4.1	18.4	27.6#
100	0.0	12.2	18.4#

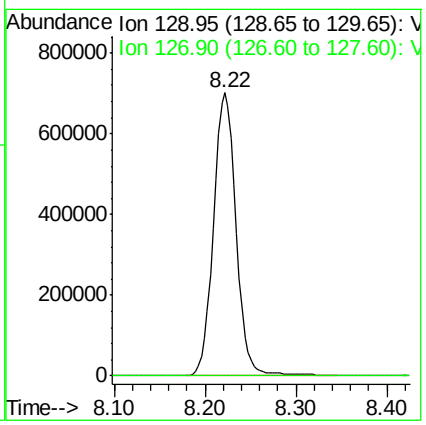


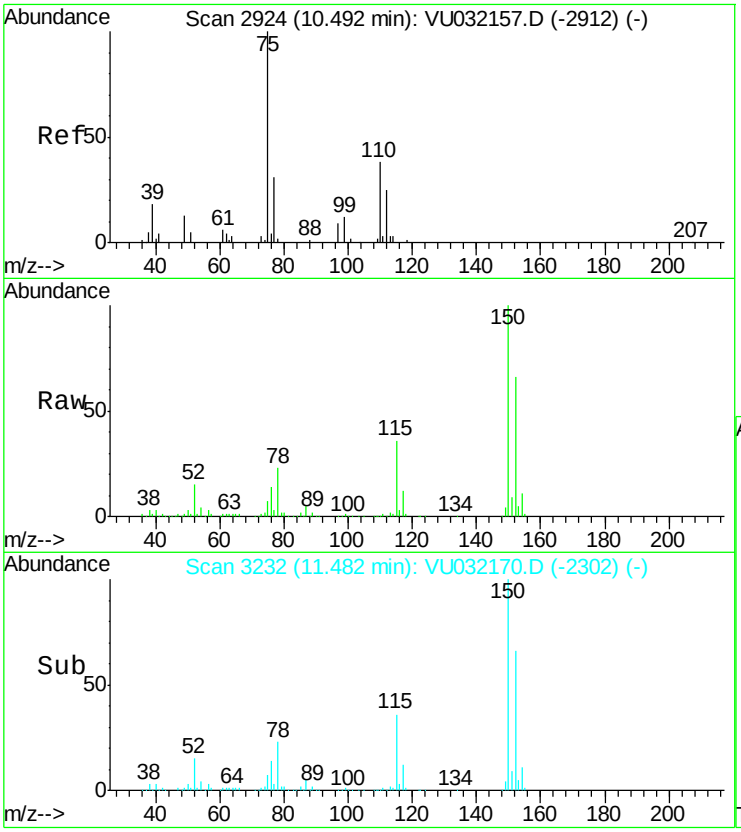


#49
Dibromochloromethane
Concen: 102.372 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032170.D
Acq: 20 May 2019 21:33

Tgt Ion:129 Resp: 1201157

Ion	Ratio	Lower	Upper
129	100		
127	0.1	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 1.755 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032170.D
Acq: 20 May 2019 21:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 15362

Ion	Ratio	Lower	Upper
75	100		
77	39.0	26.2	39.2