Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051319\

Quantitation Report (Not Reviewed)

Data File : VU031976.D
Acq On : 13 May 2019 18:17
Operator : JC/SP
Sample : K2744-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D19

Quant Time: May 14 02:43:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513053	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	519606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193100	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	116806	3.34	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.80%			
7) Chloroethane-d5	1.67	69	122185	4.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.80%			
11) 1,1-Dichloroethene-d2	2.27	63	185586	2.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 49.20%#			
20) 2-Butanone-d5	4.18	46	508024	37.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.42%			
24) Chloroform-d	4.64	84	272444	3.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.00%			
26) 1,2-Dichloroethane-d4	5.31	65	158455	3.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.80%			
32) Benzene-d6	5.33	84	537947	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.00%			
36) 1,2-Dichloropropane-d6	6.33	67	187264	3.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 76.60%			
41) Toluene-d8	7.56	98	406110	3.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.40%			
43) trans-1,3-Dichloropropene-	7.85	79	49735	2.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 58.00%			
46) 2-Hexanone-d5	8.31	63	364441	42.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	165045	4.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	148717	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
14) Carbon disulfide	2.48	76	13014	0.106	ug/L #	83
25) Chloroform	4.67	83	19078	0.210	ug/L	90
30) Cyclohexane	4.99	56	70687	0.906	ug/L	87
35) Methylcyclohexane	6.33	83	42005	0.640	ug/L #	10
37) 1,2-Dichloropropane	6.32	63	19387	0.374	ug/L #	93
47) Tetrachloroethene	8.23	164	4571	0.154	ug/L	78
59) 1,2,3-Trichloropropane	11.48	75	24469	0.797	ug/L	97

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

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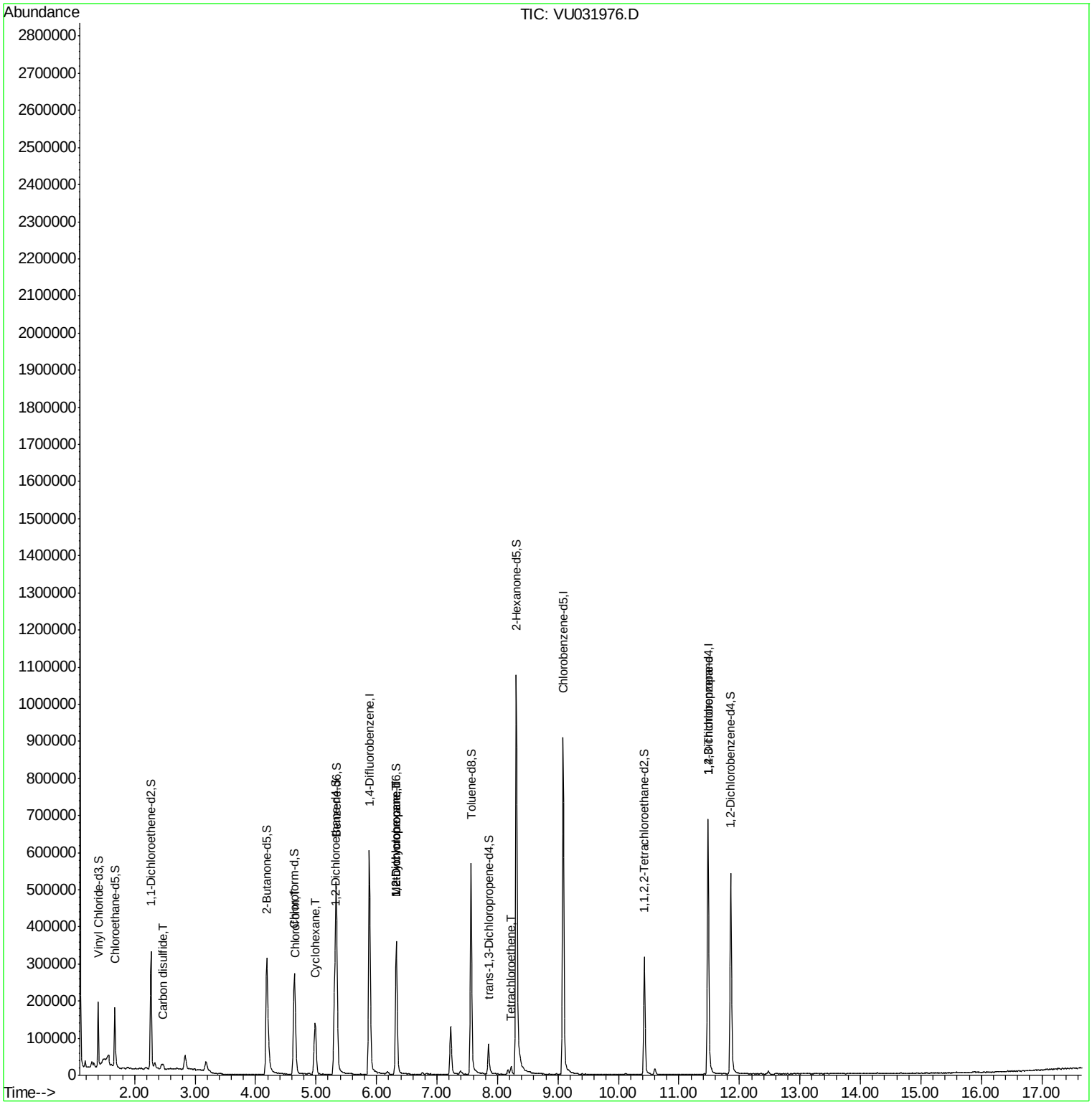
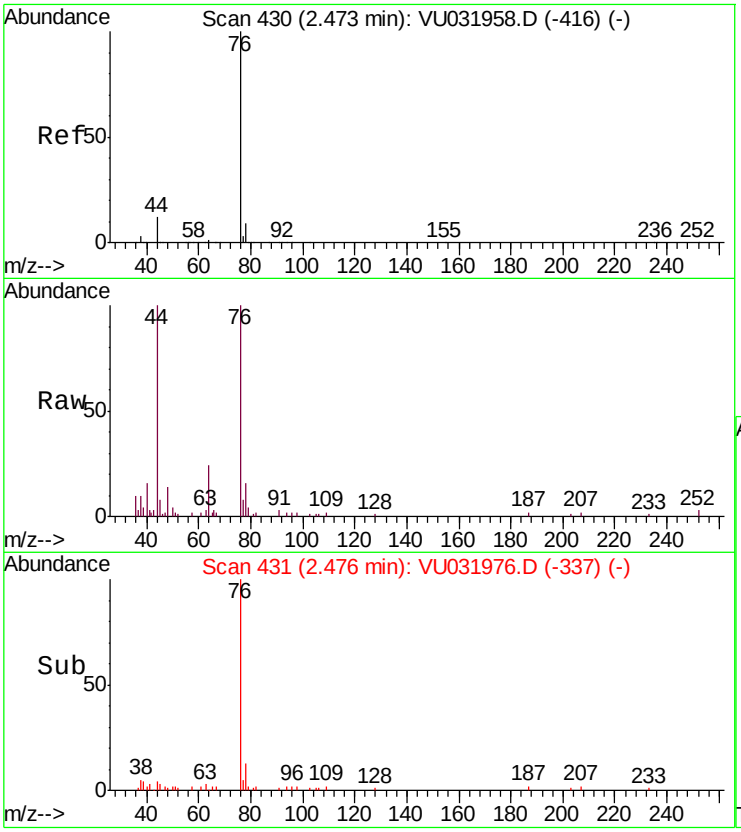


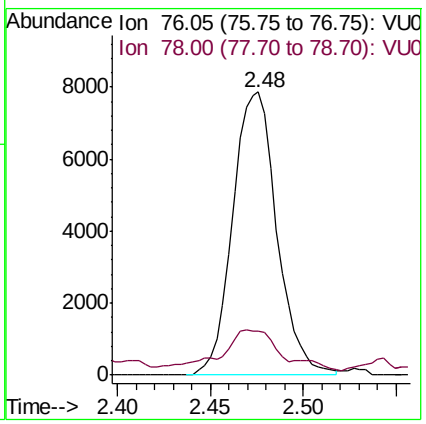


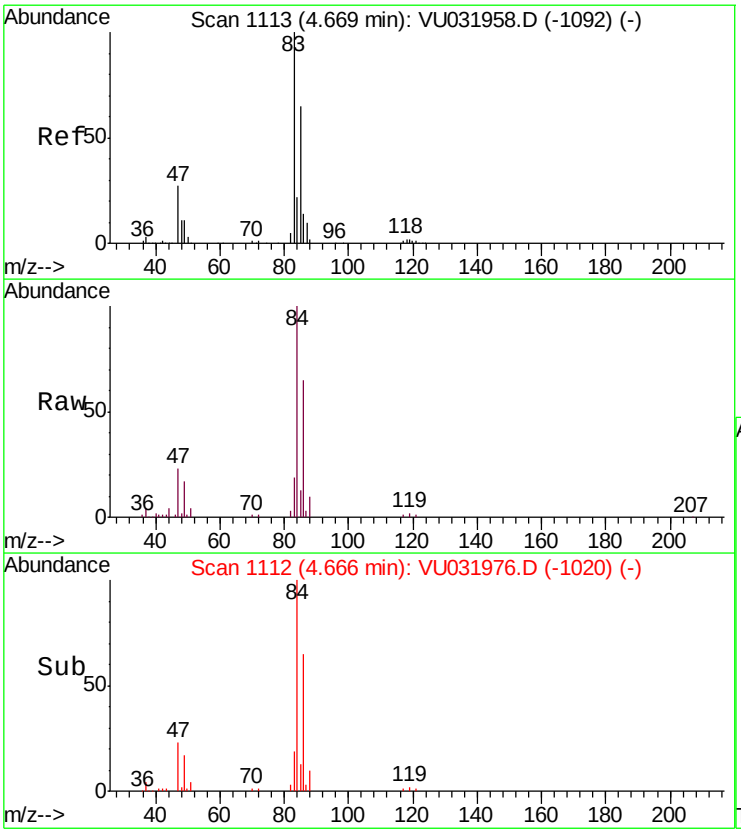
#14
Carbon disulfide
Concen: 0.106 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU031976.D
Acq: 13 May 2019 18:17

Instrument :
MSVOA_U
ClientSampleId :
F9D19

Tgt Ion: 76 Resp: 13014

Ion	Ratio	Lower	Upper
76	100		
78	15.7	7.5	11.3#

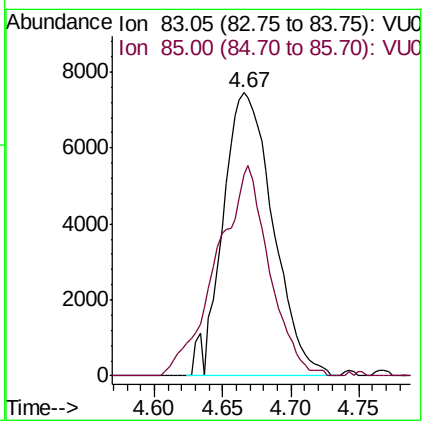


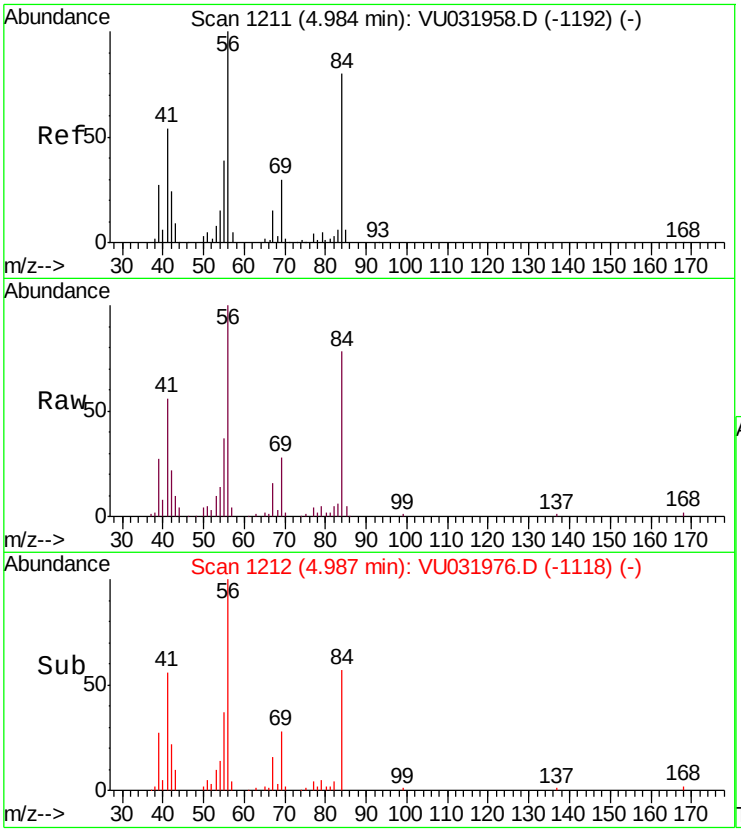


#25
Chloroform
Concen: 0.210 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU031976.D
Acq: 13 May 2019 18:17

Tgt Ion: 83 Resp: 19078

Ion	Ratio	Lower	Upper
83	100		
85	71.0	44.4	82.5



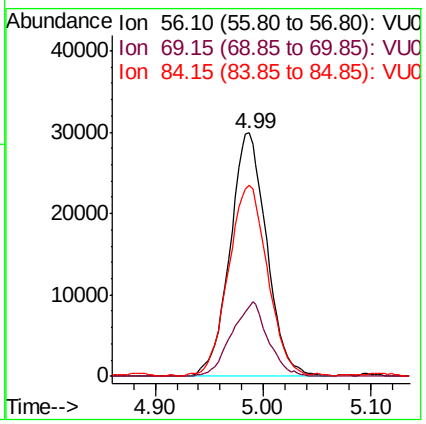


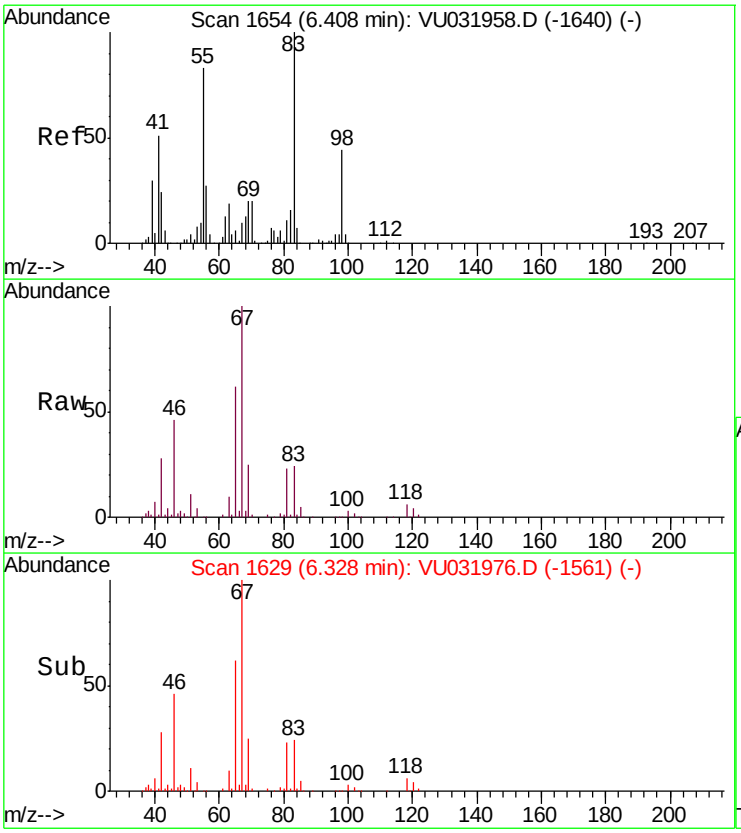
#30
Cyclohexane
Concen: 0.906 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU031976.D
Acq: 13 May 2019 18:17

Instrument :
MSVOA_U
ClientSampleId :
F9D19

Tgt Ion: 56 Resp: 70687

Ion	Ratio	Lower	Upper
56	100		
69	30.1	21.8	32.8
84	83.8	56.8	85.2

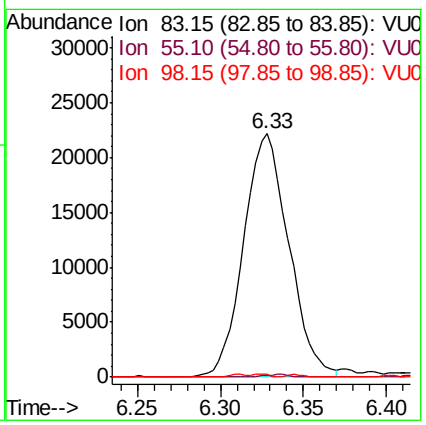


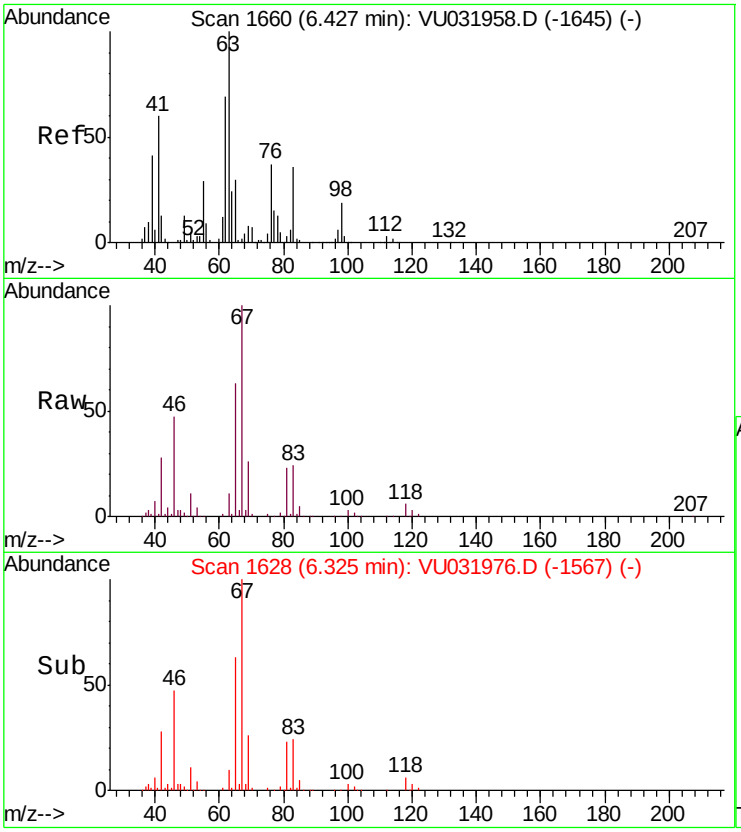


#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031976.D
Acq: 13 May 2019 18:17

Tgt Ion: 83 Resp: 42005

Ion	Ratio	Lower	Upper
83	100		
55	0.0	79.2	118.8#
98	0.4	34.0	51.0#



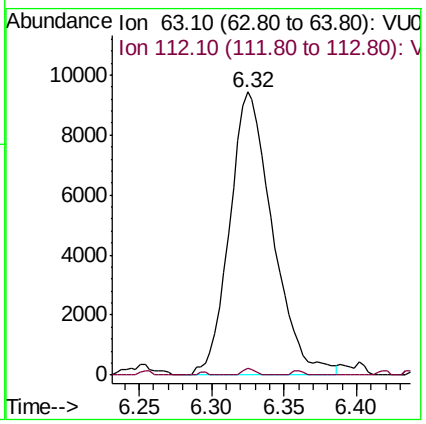


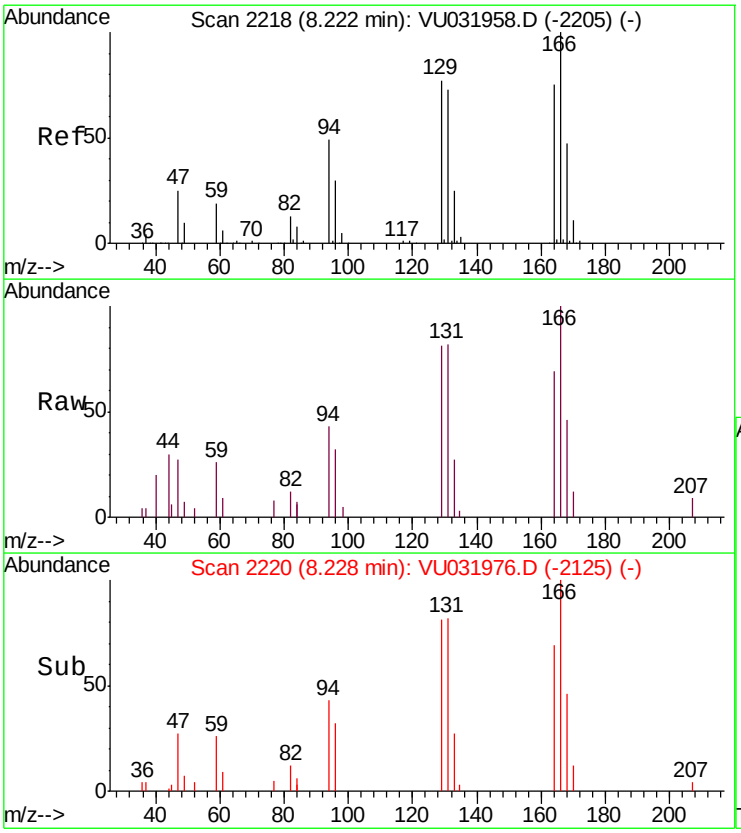
#37
1,2-Dichloropropane
Concen: 0.374 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU031976.D
Acq: 13 May 2019 18:17

Instrument : MSVOA_U
ClientSampleId : F9D19

Tgt Ion: 63 Resp: 19387

Ion	Ratio	Lower	Upper
63	100		
112	0.7	2.5	3.7#

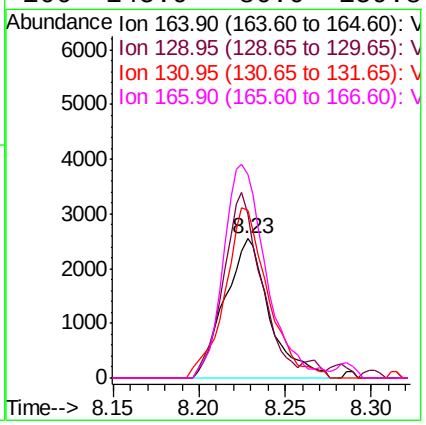


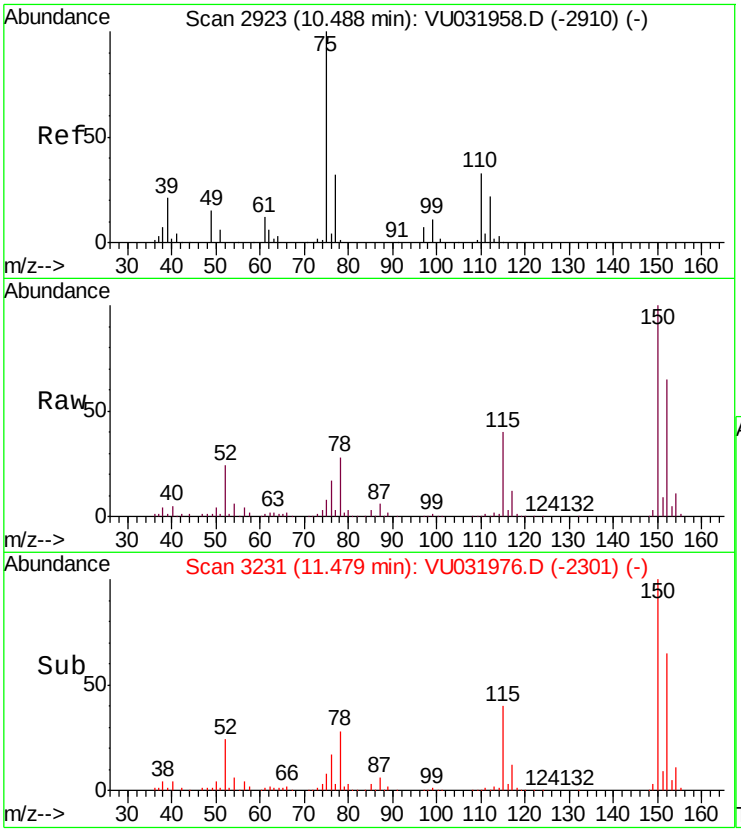


#47
Tetrachloroethene
Concen: 0.154 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031976.D
Acq: 13 May 2019 18:17

Tgt Ion:164 Resp: 4571

Ion	Ratio	Lower	Upper
164	100		
129	117.8	70.3	130.5
131	120.3	65.4	121.4
166	145.9	86.0	159.8





#59
1,2,3-Trichloropropane
Concen: 0.797 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031976.D
Acq: 13 May 2019 18:17

Instrument :
MSVOA_U
ClientSampleId :
F9D19

Tgt Ion: 75 Resp: 24469

Ion	Ratio	Lower	Upper
75	100		
77	34.7	26.3	39.5