Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042419\

Quantitation Report (Not Reviewed)

Data File : VU031470.D
Acq On : 24 Apr 2019 15:02
Operator : JC/SP
Sample : K2451-07RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAMX7

Quant Time: Apr 25 06:09:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 06:05:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	346719	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	333657	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	129560	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	138076	4.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%			
7) Chloroethane-d5	1.68	69	110587	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.27	63	205412	3.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.60%			
20) 2-Butanone-d5	4.21	46	403206	54.18	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.36%			
24) Chloroform-d	4.64	84	228531	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
26) 1,2-Dichloroethane-d4	5.31	65	127708	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.00%			
32) Benzene-d6	5.33	84	457854	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
36) 1,2-Dichloropropane-d6	6.33	67	158449	5.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.60%			
41) Toluene-d8	7.56	98	378748	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	7.85	79	54445	4.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%			
46) 2-Hexanone-d5	8.31	63	288063	50.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.22%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117036	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	125802	5.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	6043	0.203	ug/L	100
3) Chloromethane	1.32	50	5144	0.140	ug/L	90
13) Acetone	2.35	43	21163	4.002	ug/L	72
35) Methylcyclohexane	6.33	83	32856	0.817	ug/L #	15
37) 1,2-Dichloropropane	6.32	63	16333	0.591	ug/L #	89
47) Tetrachloroethene	8.22	164	13916	0.733	ug/L	92
48) 2-Hexanone	8.37	43	13120	0.989	ug/L #	46
49) Dibromochloromethane	8.22	129	14136	0.670	ug/L #	9
59) 1,2,3-Trichloropropane	11.48	75	17051	0.980	ug/L	97

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

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Instrument : MSVOA_U
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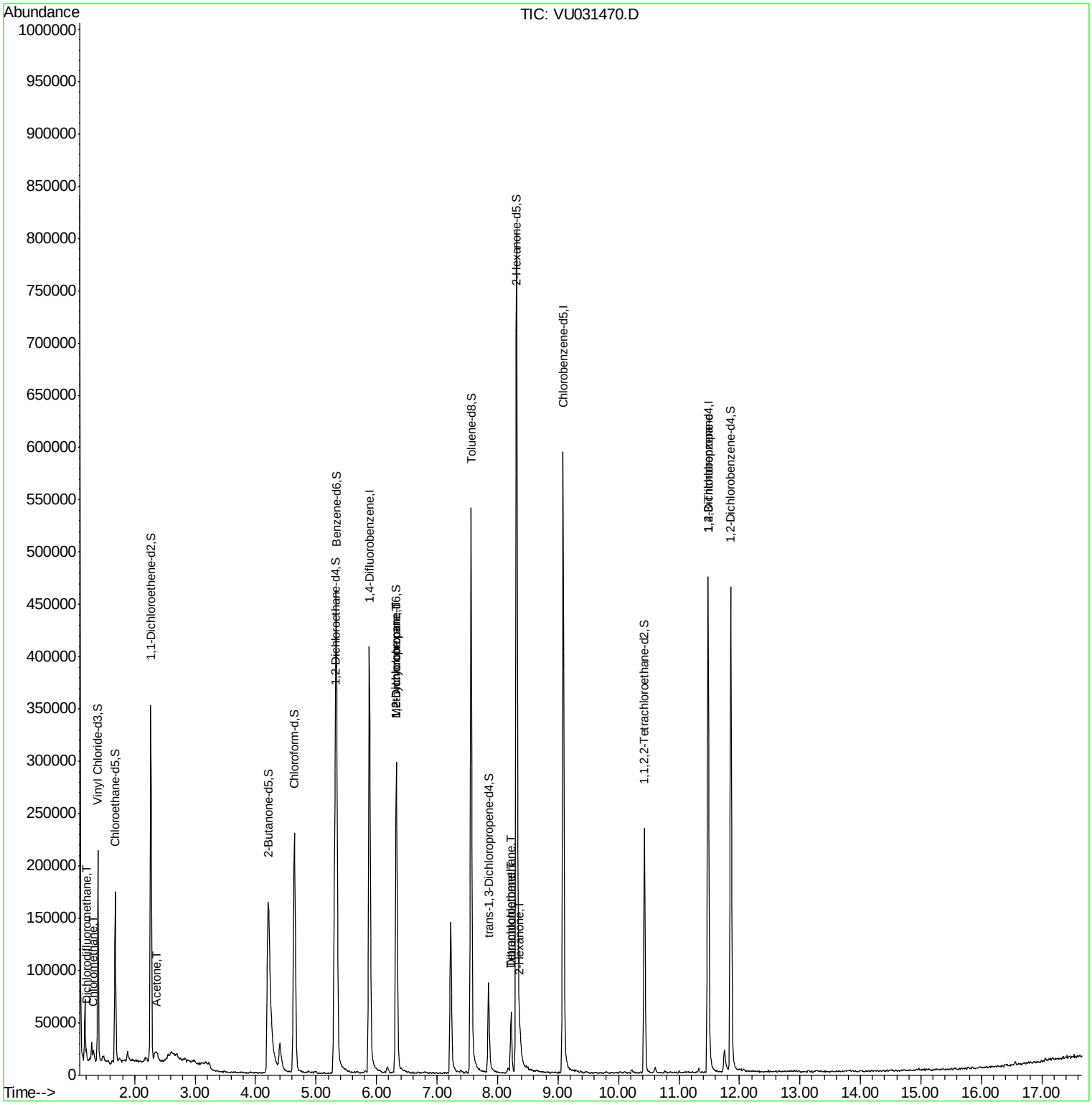
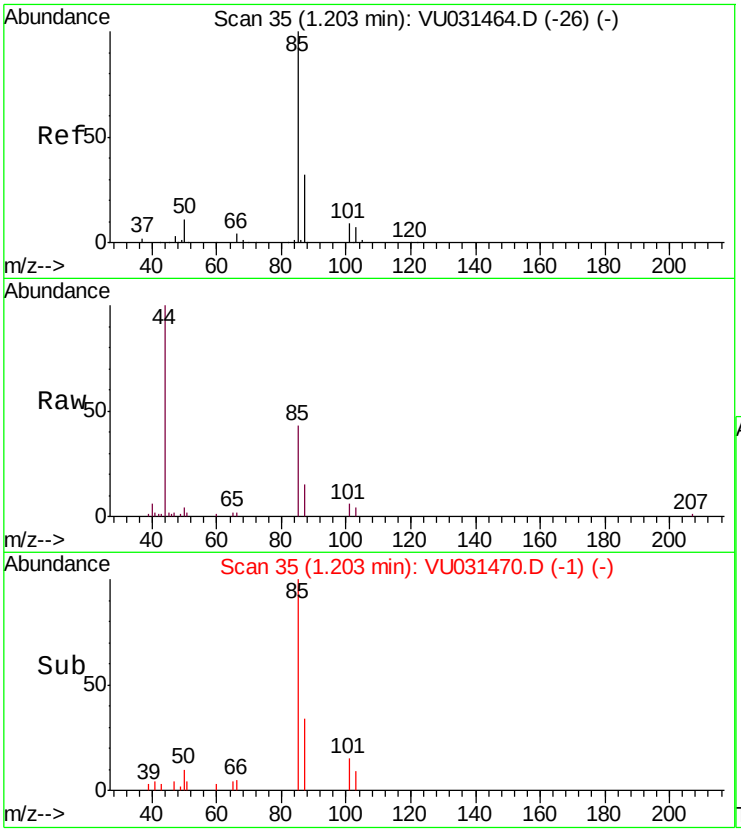
Quant Time: Apr 25 06:09:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 06:05:25 2019
Response via : Initial Calibration



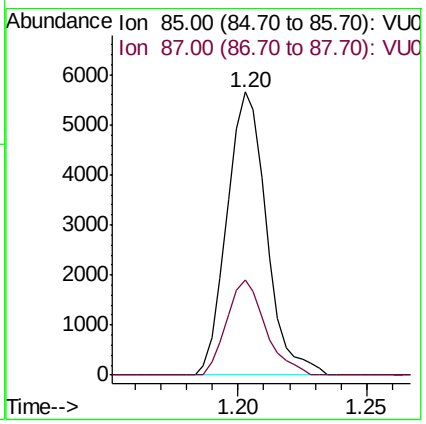


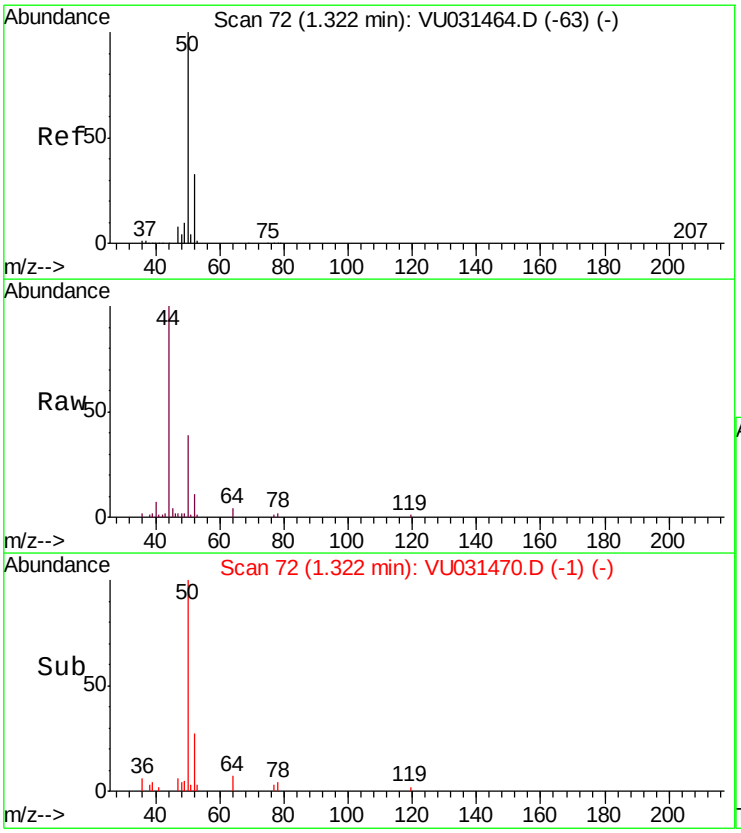
#2
Dichlorodifluoromethane
Concen: 0.203 ug/L
RT: 1.20 min Scan# 35
Delta R.T. -0.00 min
Lab File: VU031470.D
Acq: 24 Apr 2019 15:02

Instrument :
MSVOA_U
ClientSampleId :
YAMX7

Tgt Ion: 85 Resp: 6043

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.3	39.5

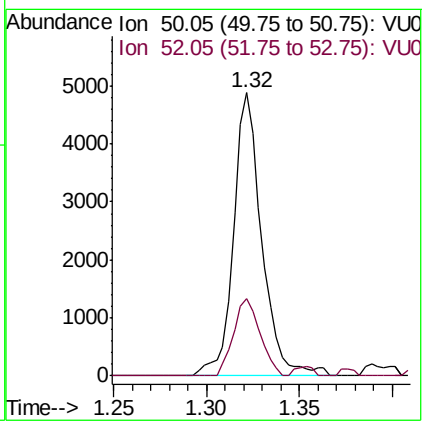


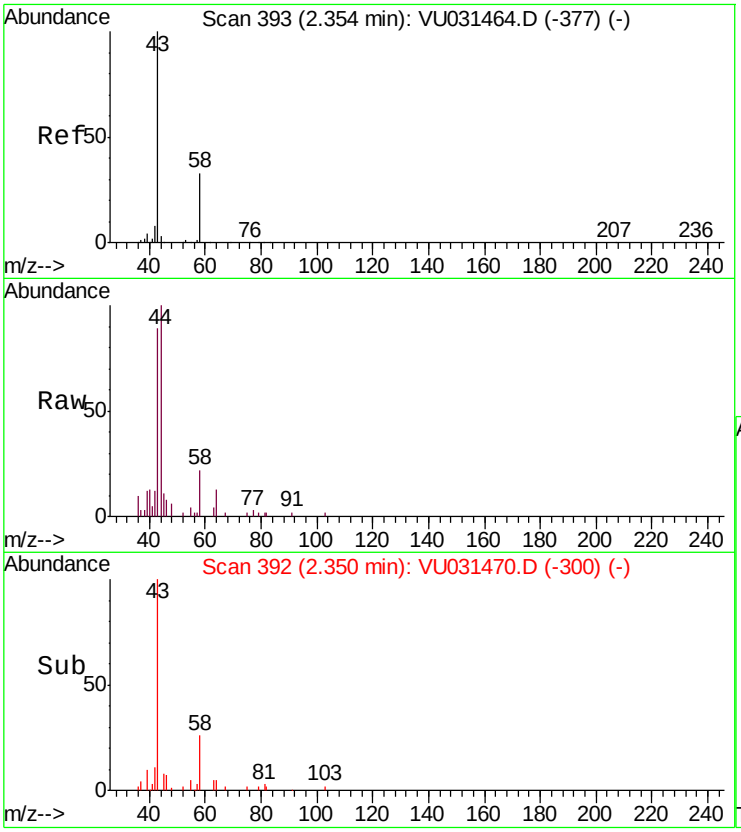


#3
Chloromethane
Concen: 0.140 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU031470.D
Acq: 24 Apr 2019 15:02

Tgt Ion: 50 Resp: 5144

Ion	Ratio	Lower	Upper
50	100		
52	27.2	23.0	42.8



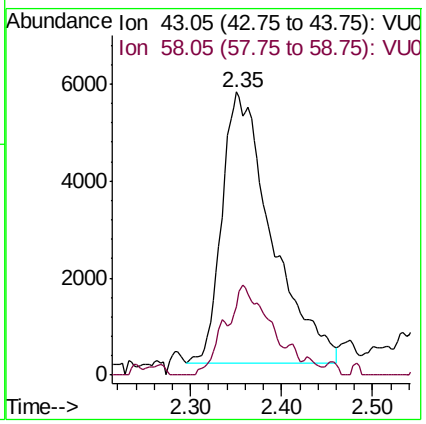


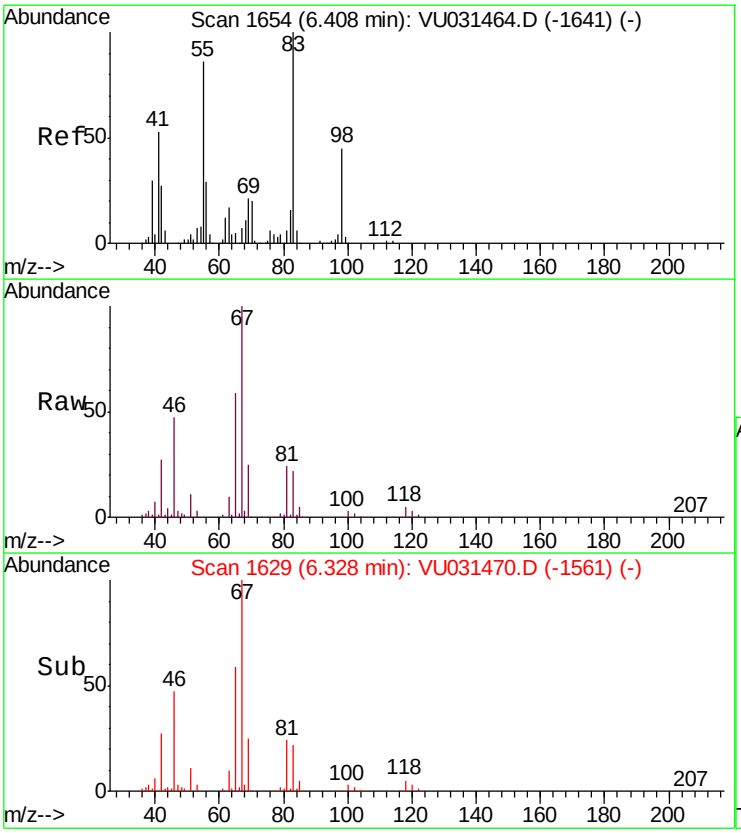
#13
Acetone
Concen: 4.002 ug/L
RT: 2.35 min Scan# 392
Delta R.T. -0.00 min
Lab File: VU031470.D
Acq: 24 Apr 2019 15:02

Instrument :
MSVOA_U
ClientSampleId :
YAMX7

Tgt Ion: 43 Resp: 21163

Ion	Ratio	Lower	Upper
43	100		
58	15.6	0.0	62.4

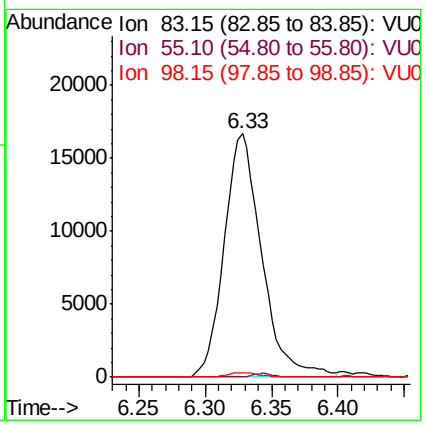


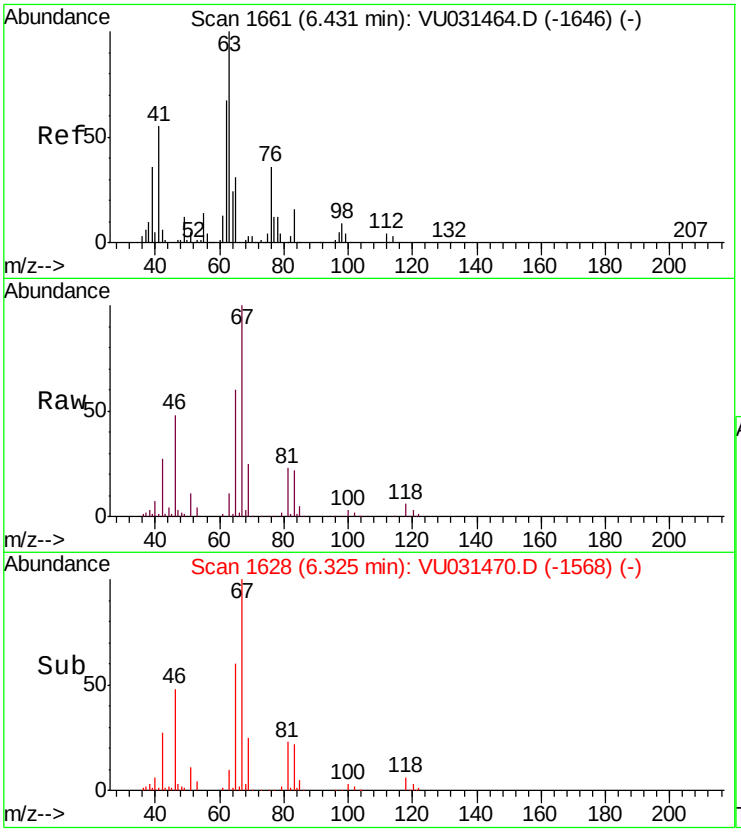


#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031470.D
Acq: 24 Apr 2019 15:02

Tgt Ion: 83 Resp: 32856

Ion	Ratio	Lower	Upper
83	100		
55	0.7	71.1	106.7#
98	1.4	36.6	54.8#



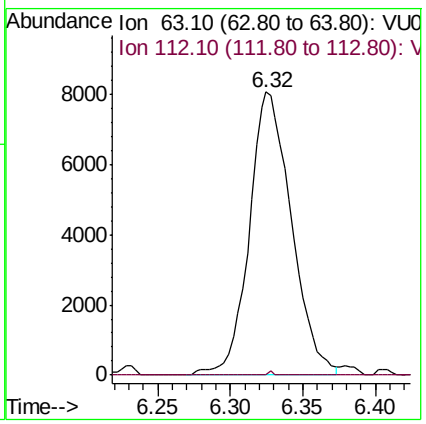


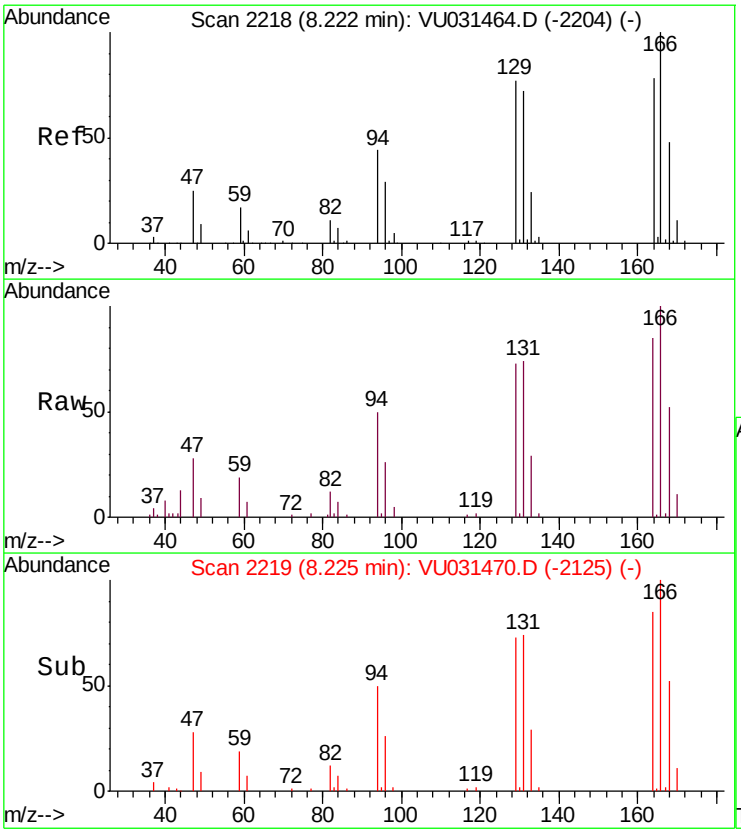
#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU031470.D
Acq: 24 Apr 2019 15:02

Instrument : MSVOA_U
ClientSampleId : YAMX7

Tgt Ion: 63 Resp: 16333

Ion	Ratio	Lower	Upper
63	100		
112	0.1	3.0	4.6#

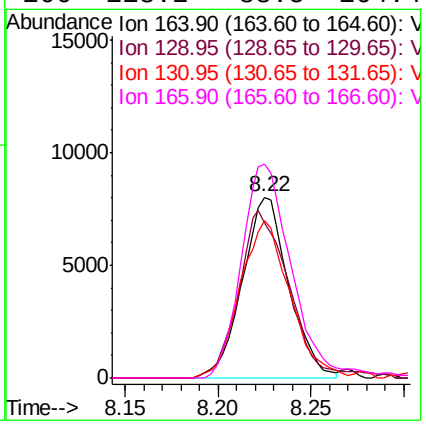


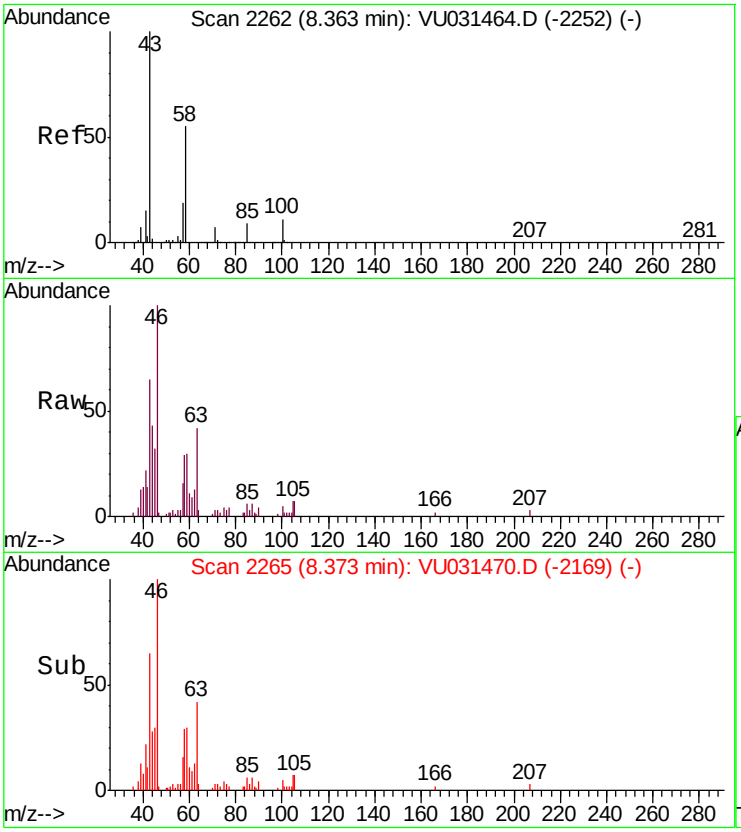


#47
Tetrachloroethene
Concen: 0.733 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031470.D
Acq: 24 Apr 2019 15:02

Tgt Ion:164 Resp: 13916

Ion	Ratio	Lower	Upper
164	100		
129	85.9	67.5	125.3
131	87.2	64.0	119.0
166	118.2	88.5	164.4



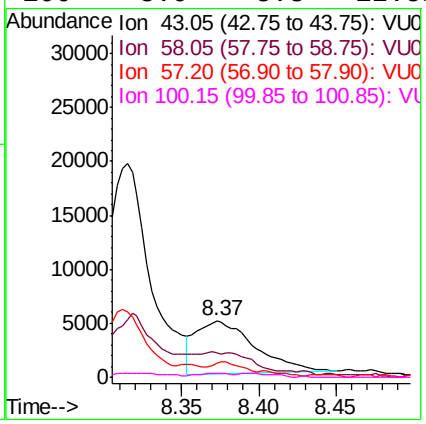


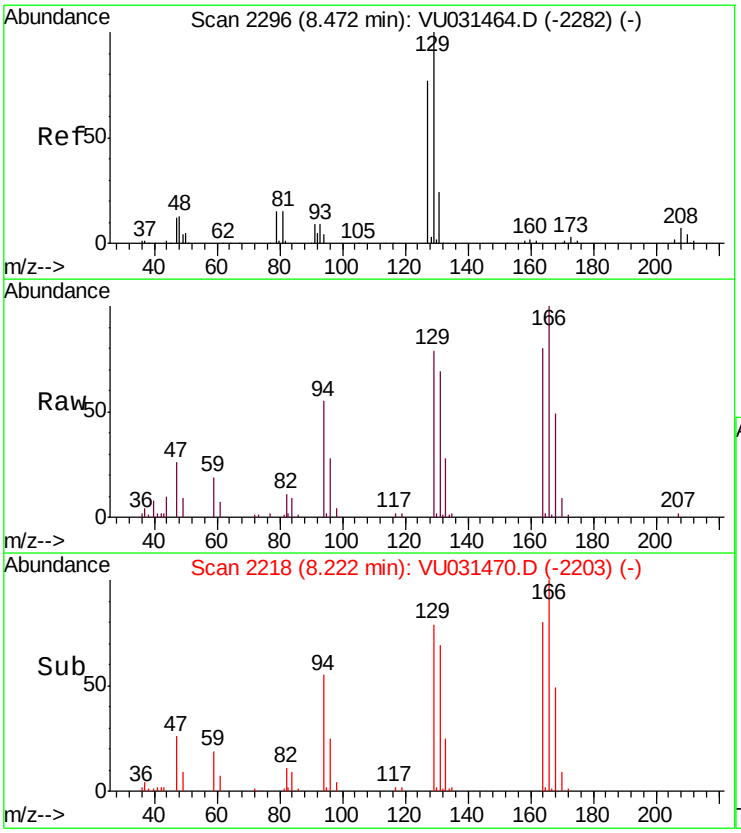
#48
2-Hexanone
Concen: 0.989 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031470.D
Acq: 24 Apr 2019 15:02

Instrument :
MSVOA_U
ClientSampleId :
YAMX7

Tgt Ion: 43 Resp: 13120

Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.6	67.0#
57	15.9	15.3	22.9
100	3.9	8.3	12.5#

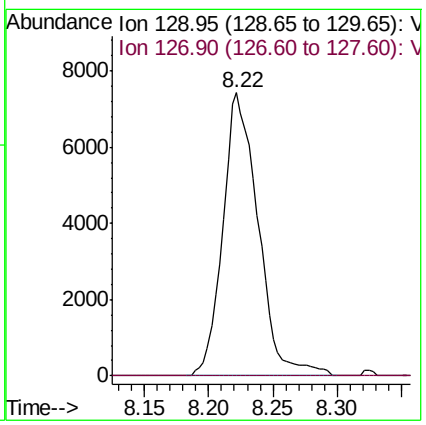


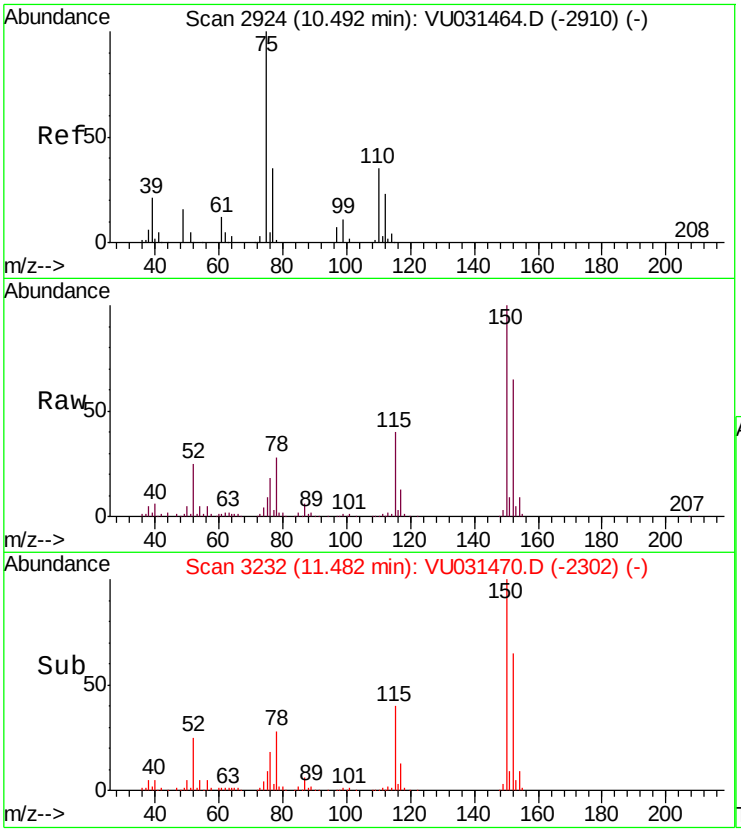


#49
Dibromochloromethane
Concen: 0.670 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU031470.D
Acq: 24 Apr 2019 15:02

Tgt Ion:129 Resp: 14136

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.0#





#59
1,2,3-Trichloropropane
Concen: 0.980 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031470.D
Acq: 24 Apr 2019 15:02

Instrument :
MSVOA_U
ClientSampleId :
YAMX7

Tgt Ion: 75 Resp: 17051

Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.7	38.5