Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030663.D
Acq On : 04 Apr 2019 05:45
Operator : JC/SP
Sample : K2246-02
Misc : 5.56g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Apr 04 08:08:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 07:55:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	525832	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	509144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232567	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	159615	37.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.44%			
7) Chloroethane-d5	1.70	69	540	0.16	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.32%#			
11) 1,1-Dichloroethene-d2	2.24	63	245513	30.58	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.16%			
21) 2-Butanone-d5	4.19	46	346920	87.21	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.21%			
24) Chloroform-d	4.64	84	291898	40.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.06%			
26) 1,2-Dichloroethane-d4	5.30	65	204561	42.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.76%			
32) Benzene-d6	5.33	84	621774	42.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.16%			
36) 1,2-Dichloropropane-d6	6.32	67	219101	43.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.72%			
41) Toluene-d8	7.56	98	524021	39.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.92%#			
43) trans-1,3-Dichloropropene-	7.85	79	90743	38.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.26%			
47) 2-Hexanone-d5	8.32	63	244000	90.13	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.13%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	321771	45.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.02%			
64) 1,2-Dichlorobenzene-d4	11.86	152	200697	43.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.14%			
Target Compounds						Qvalue
16) Methylene chloride	2.69	84	4878	1.100	ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	2814	0.636	ug/L	80
34) Trichloroethene	6.18	95	8168	1.917	ug/L	91
44) trans-1,3-Dichloropropene	7.86	75	3362	0.540	ug/L #	74
45) 1,1,2-Trichloroethane	8.22	97	1836	0.442	ug/L #	3
46) Tetrachloroethene	8.22	164	203165	68.269	ug/L	95
48) 2-Hexanone	8.32	43	28679	4.235	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	28981	4.841	ug/L	95

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

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Quant Title : VOC Analysis
QLast Update : Thu Apr 04 07:55:17 2019
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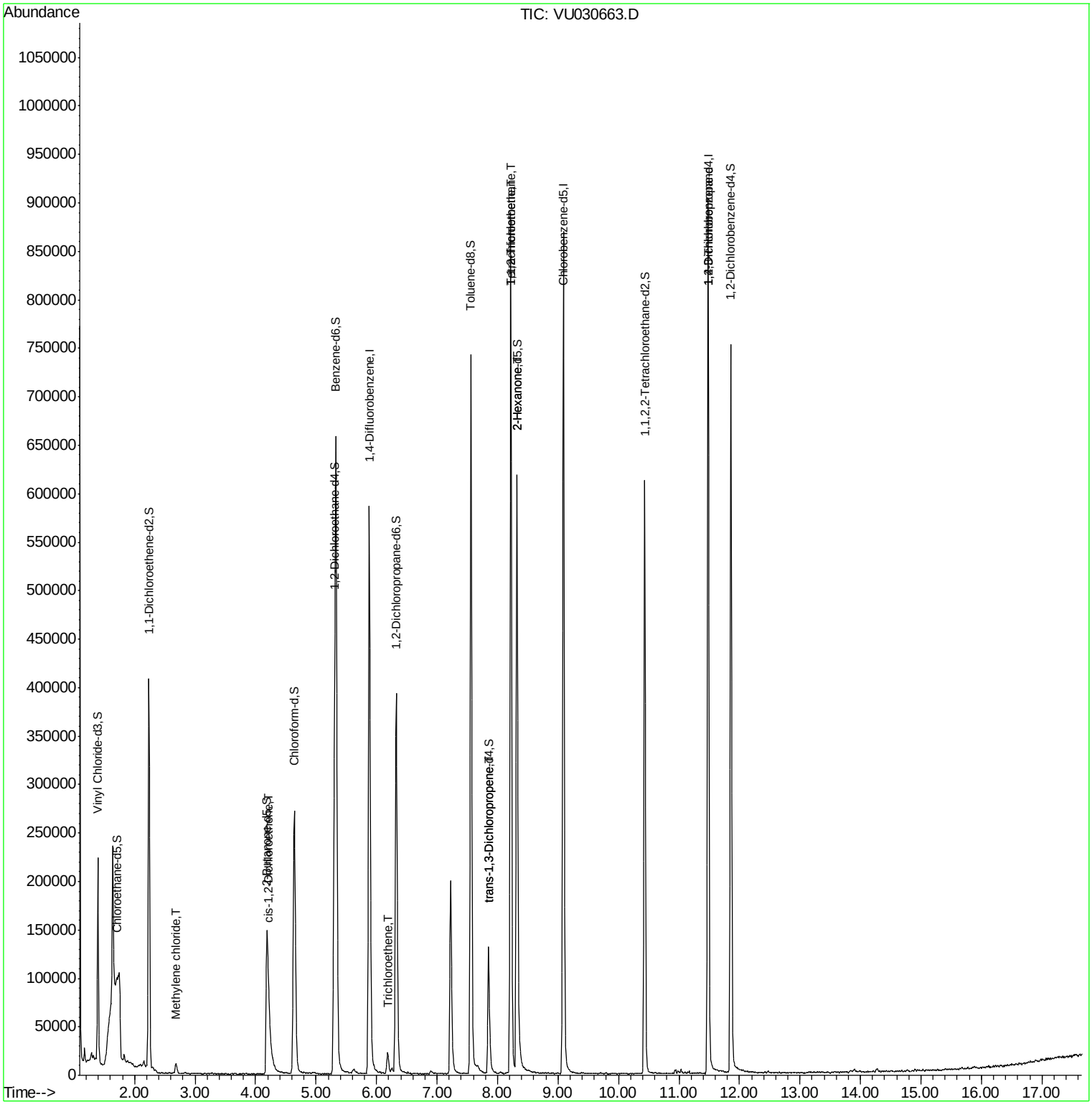
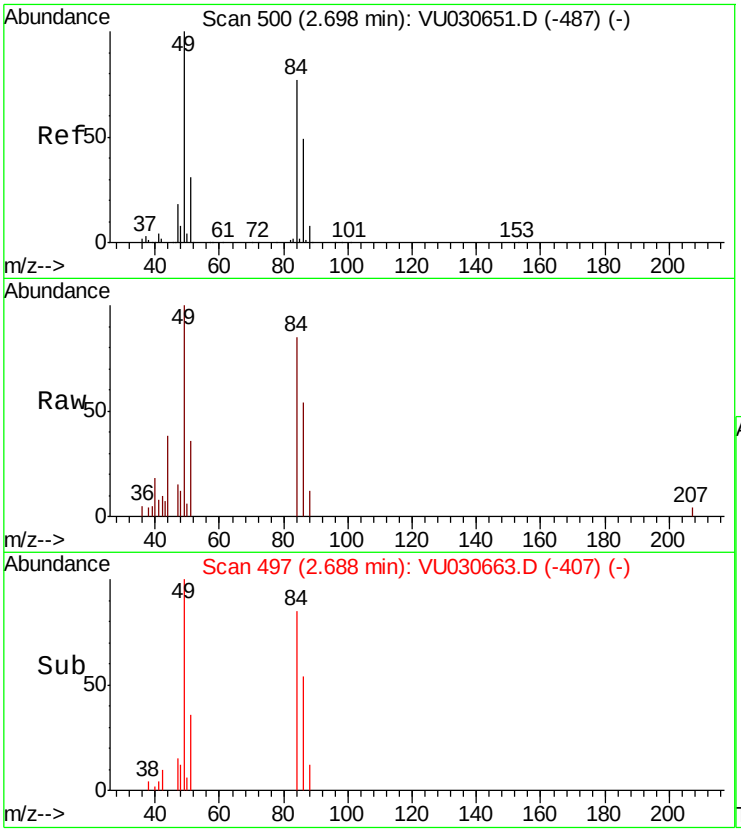


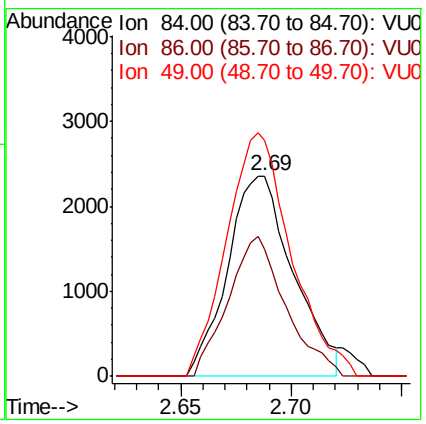


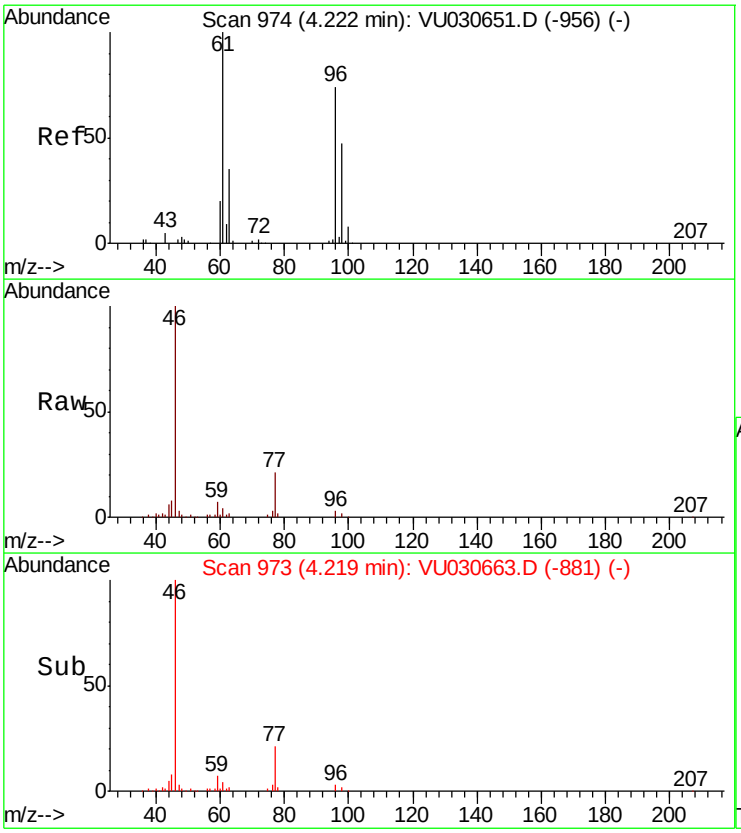
#16
Methylene chloride
Concen: 1.100 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU030663.D
Acq: 04 Apr 2019 05:45

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 4878

Ion	Ratio	Lower	Upper
84	100		
86	63.2	44.3	82.3
49	117.6	94.9	176.3

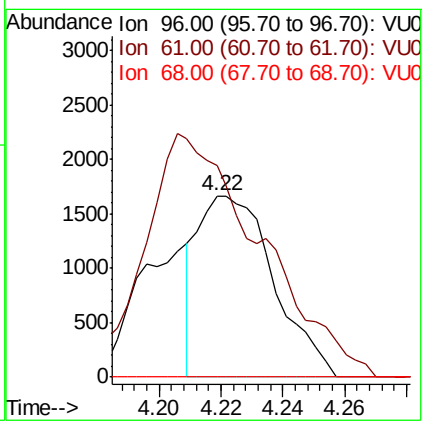


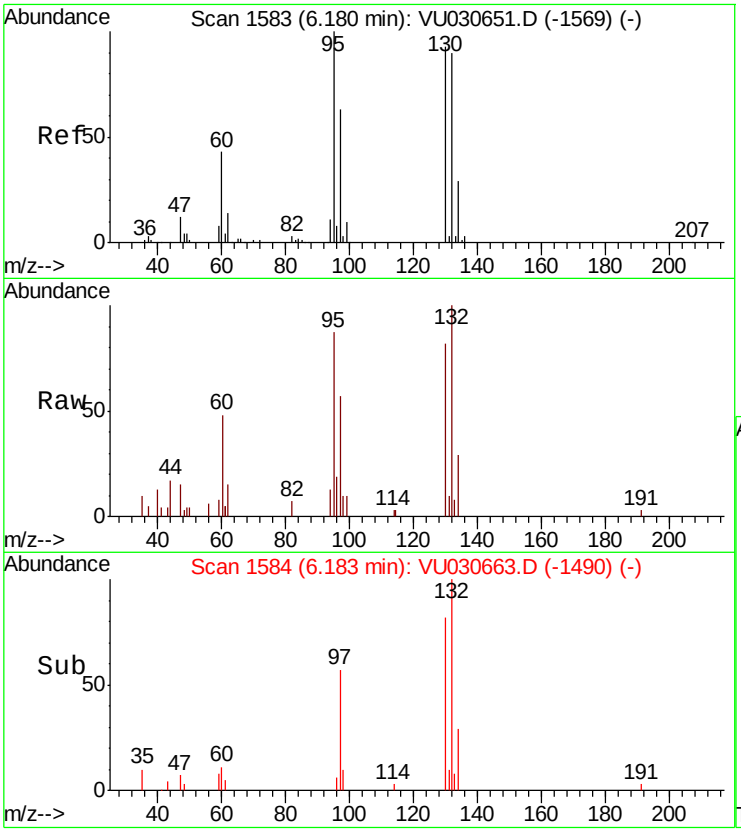


#20
cis-1,2-Dichloroethene
Concen: 0.636 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU030663.D
Acq: 04 Apr 2019 05:45

Tgt Ion: 96 Resp: 2814

Ion	Ratio	Lower	Upper
96	100		
61	116.7	98.4	182.8
68	0.0	0.0	0.0



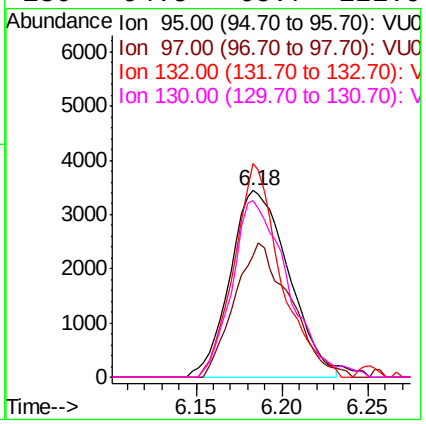


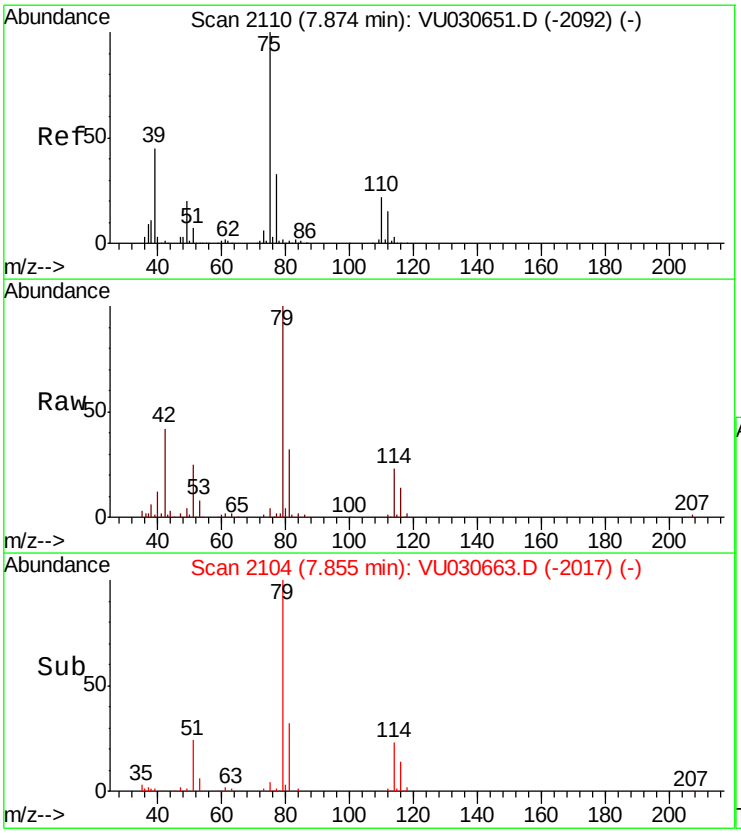
#34
Trichloroethene
Concen: 1.917 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030663.D
Acq: 04 Apr 2019 05:45

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 8168

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.7	84.9
132	114.6	63.8	118.4
130	94.5	65.7	121.9

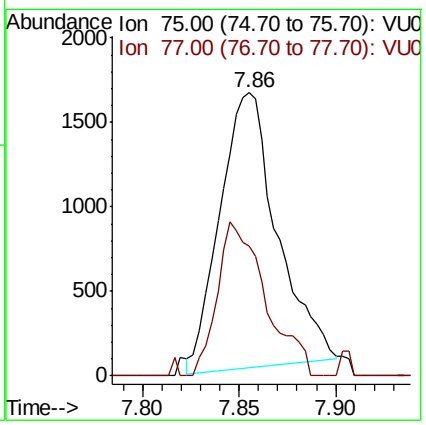


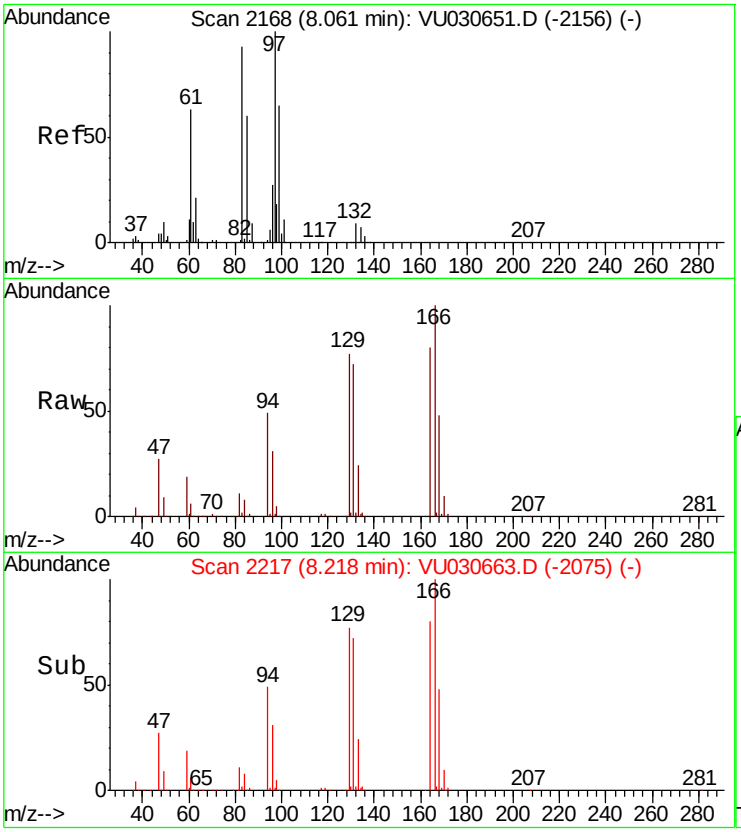


#44
trans-1,3-Dichloropropene
Concen: 0.540 ug/L
RT: 7.86 min Scan# 2104
Delta R.T. -0.02 min
Lab File: VU030663.D
Acq: 04 Apr 2019 05:45

Tgt Ion: 75 Resp: 3362

Ion	Ratio	Lower	Upper
75	100		
77	45.9	22.0	40.8#



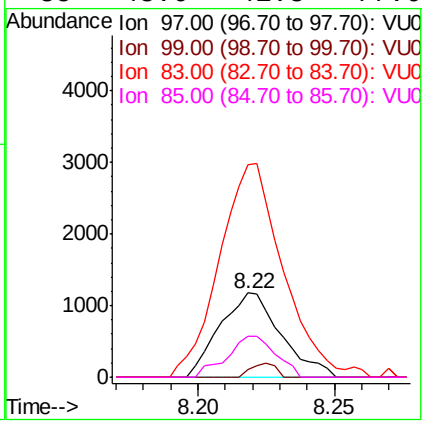


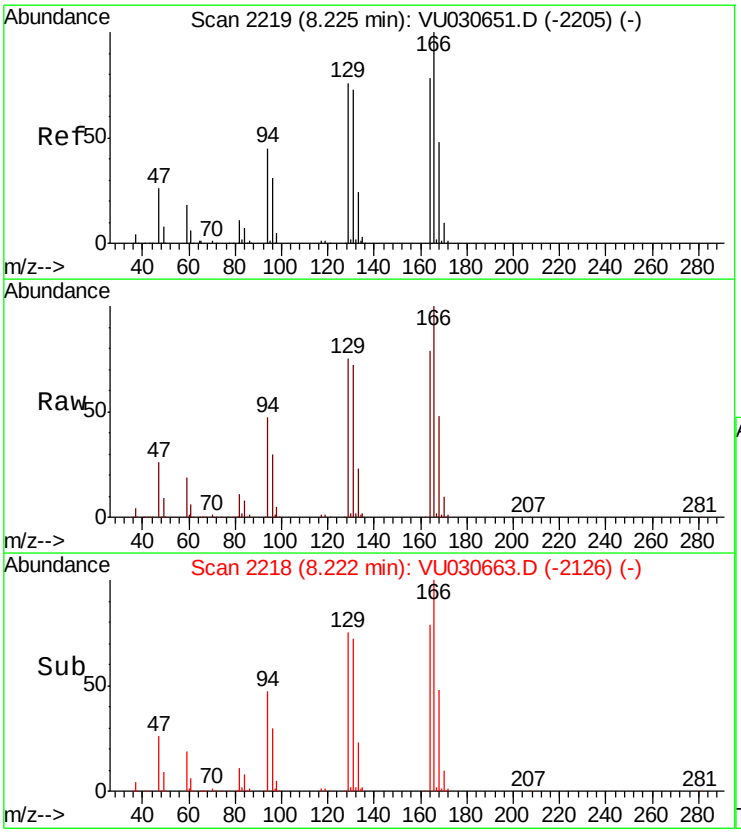
#45
1,1,2-Trichloroethane
Concen: 0.442 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. 0.16 min
Lab File: VU030663.D
Acq: 04 Apr 2019 05:45

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1836

Ion	Ratio	Lower	Upper
97	100		
99	8.5	44.0	81.8#
83	253.7	65.3	121.3#
85	48.6	41.8	77.6

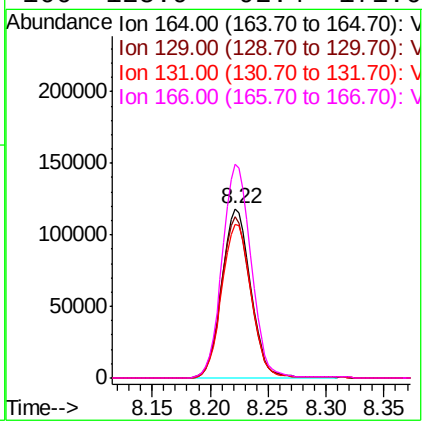


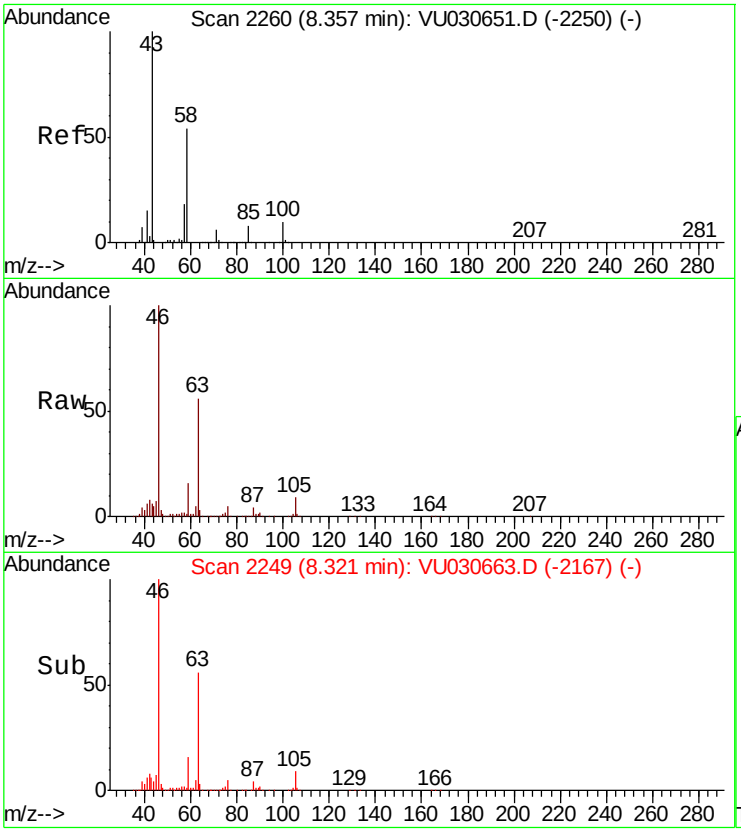


#46
Tetrachloroethene
Concen: 68.269 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030663.D
Acq: 04 Apr 2019 05:45

Tgt Ion:164 Resp: 203165

Ion	Ratio	Lower	Upper
164	100		
129	94.8	68.1	126.5
131	90.9	67.7	125.7
166	125.9	92.4	171.6



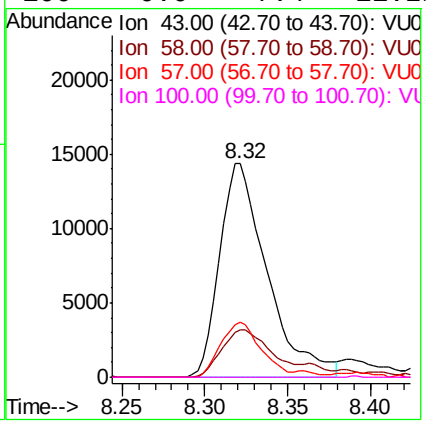


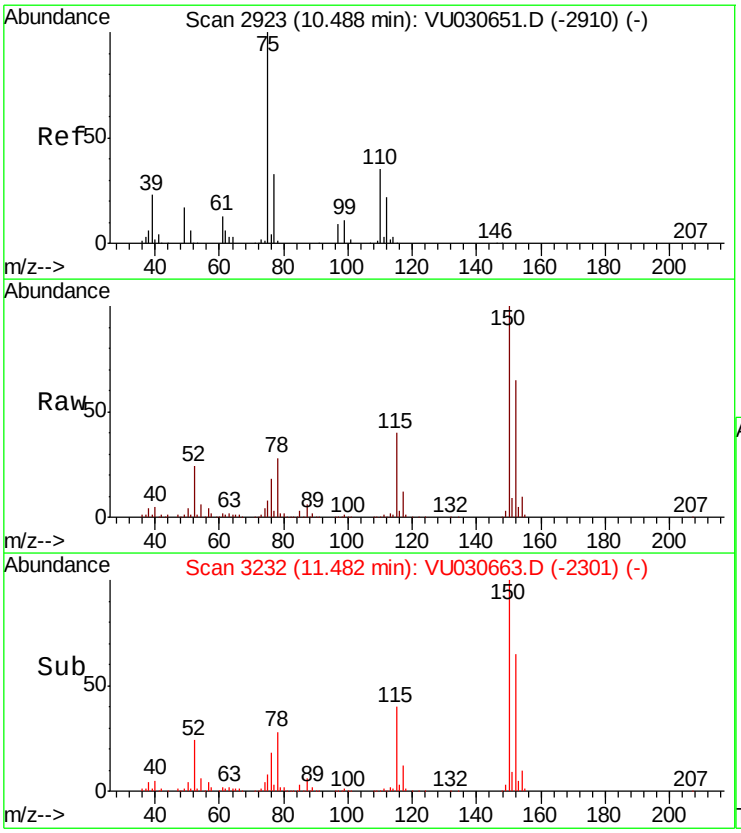
#48
2-Hexanone
Concen: 4.235 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU030663.D
Acq: 04 Apr 2019 05:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 28679

Ion	Ratio	Lower	Upper
43	100		
58	23.3	42.5	63.7#
57	21.8	15.0	22.6
100	0.0	7.4	11.2#





#59
1,2,3-Trichloropropane
Concen: 4.841 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030663.D
Acq: 04 Apr 2019 05:45

Tgt Ion: 75 Resp: 28981

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.4	38.2