Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\
Data File : VU035413.D
Acq On : 23 Oct 2019 16:45
Operator : JC/SP
Sample : K5461-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G65DL

Quant Time: Oct 24 05:50:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	230882	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	235258	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	83975	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	64113	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.93	69	65525	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	2.59	63	90253	3.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.40%			
20) 2-Butanone-d5	4.71	46	244627	60.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.94%			
24) Chloroform-d	5.11	84	142844	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.00%			
26) 1,2-Dichloroethane-d4	5.75	65	83050	5.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.60%			
32) Benzene-d6	5.77	84	265281	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.74	67	95655	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.00%			
41) Toluene-d8	7.93	98	224100	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
43) trans-1,3-Dichloropropene-	8.21	79	34390	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
46) 2-Hexanone-d5	8.68	63	173792	47.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.08%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	83467	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	78016	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	26429	1.320	ug/L #	81
17) Methyl tert-butyl Ether	3.43	73	6812	0.171	ug/L #	89
18) trans-1,2-Dichloroethene	3.39	96	3387	0.212	ug/L	97
19) 1,1-Dichloroethane	3.92	63	4288	0.148	ug/L	88
22) cis-1,2-Dichloroethene	4.72	96	140090	7.918	ug/L	98
34) Trichloroethene	6.58	95	179053	9.621	ug/L	97
47) Tetrachloroethene	8.58	164	3593	0.232	ug/L	89

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

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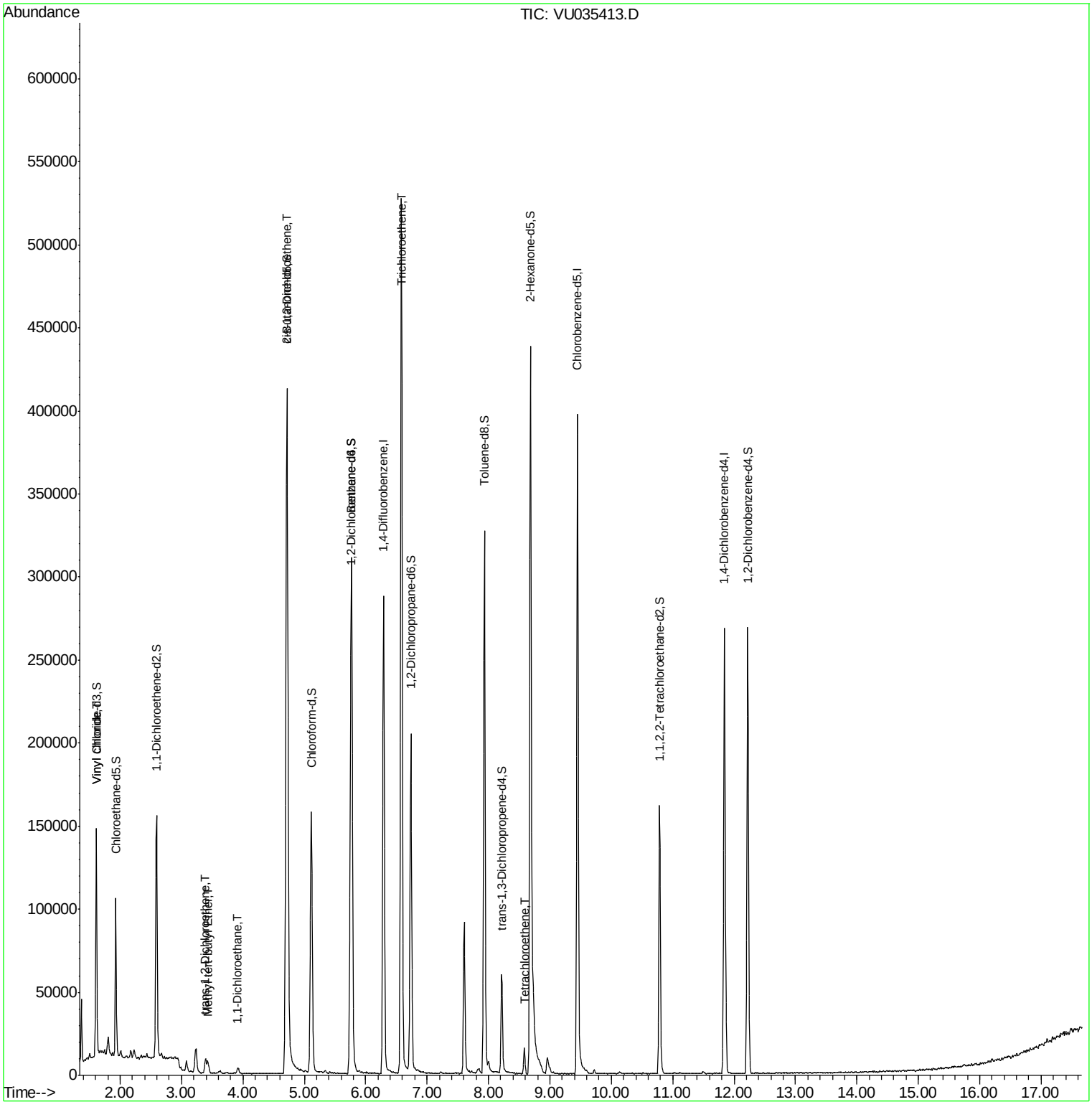
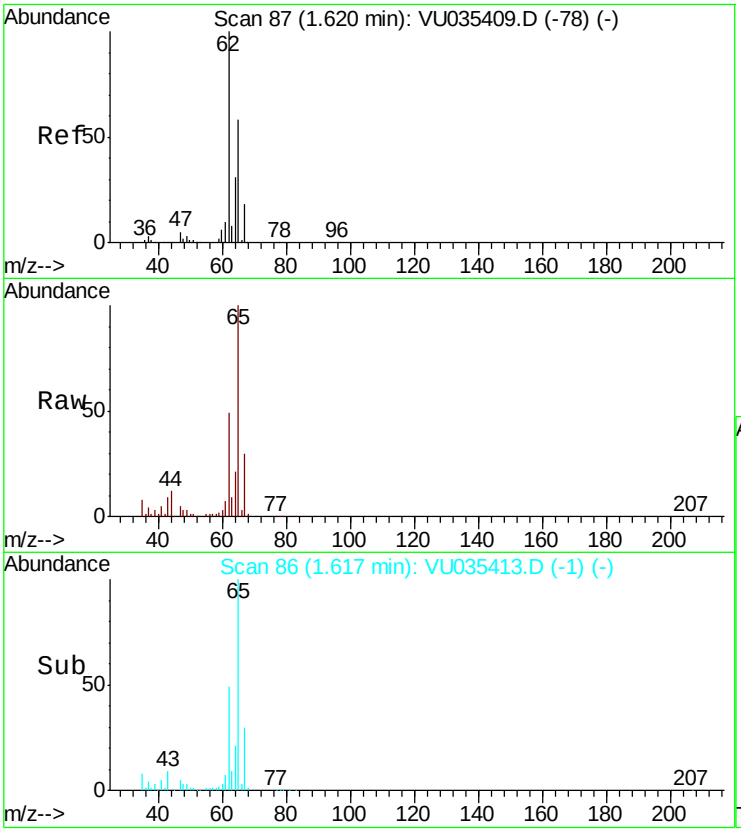


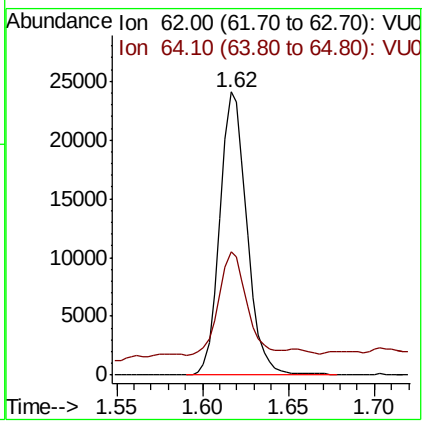


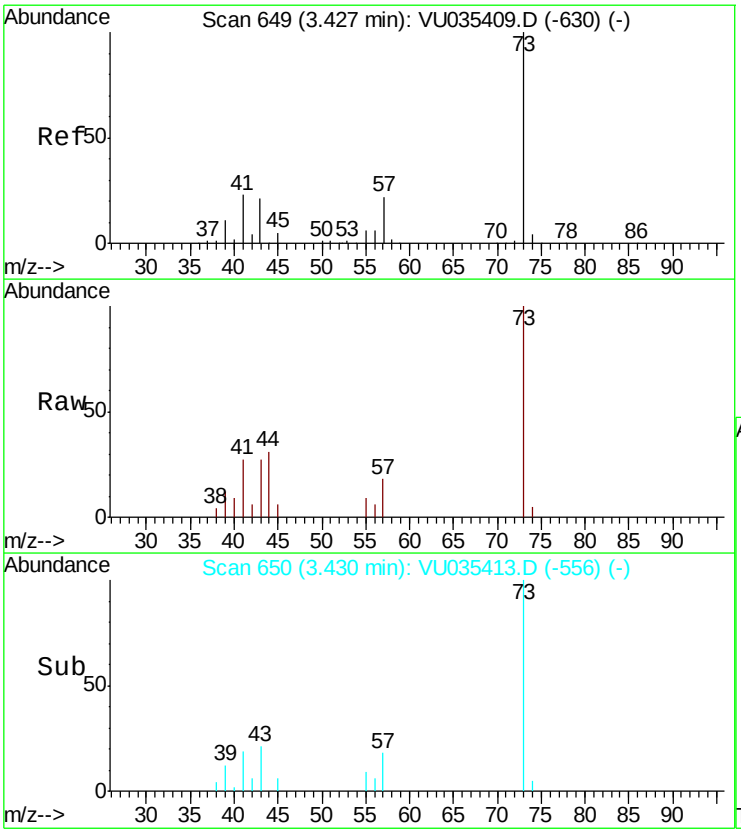
#5
Vinyl chloride
Concen: 1.320 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU035413.D
Acq: 23 Oct 2019 16:45

Instrument : MSVOA_U
ClientSampleId : H0G65DL

Tgt Ion: 62 Resp: 26429

Ion	Ratio	Lower	Upper
62	100		
64	43.5	22.9	42.5#

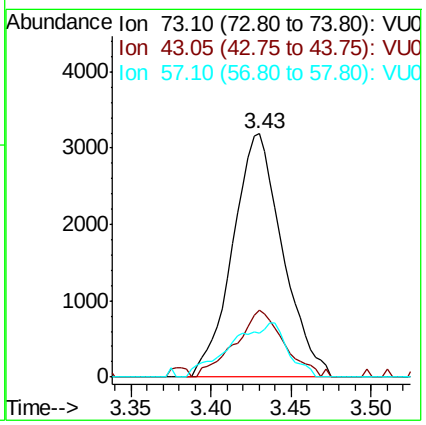


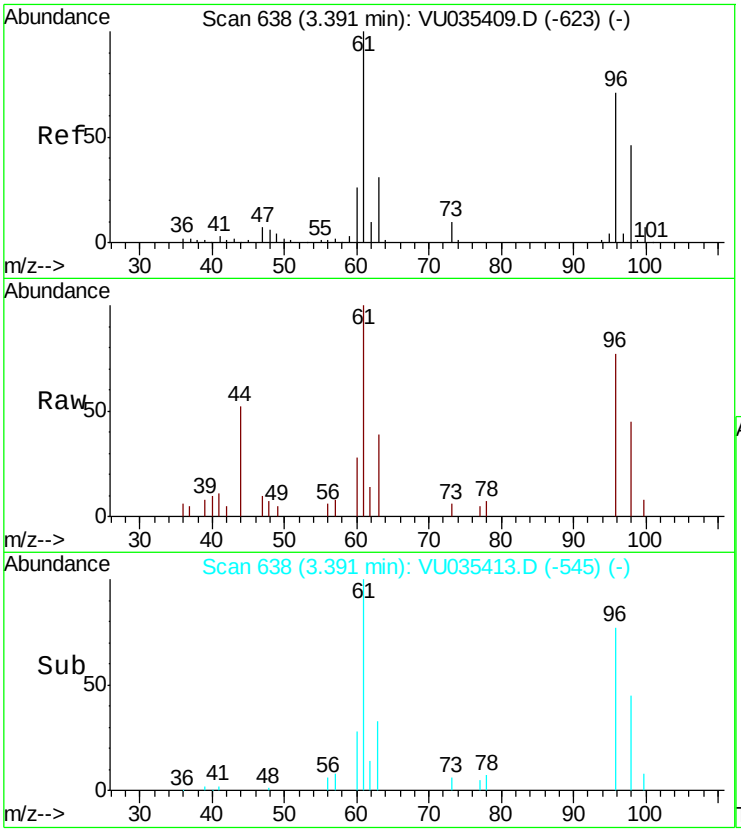


#17
Methyl tert-butyl Ether
Concen: 0.171 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035413.D
Acq: 23 Oct 2019 16:45

Tgt Ion: 73 Resp: 6812

Ion	Ratio	Lower	Upper
73	100		
43	26.9	16.0	24.0#
57	25.7	17.4	26.2



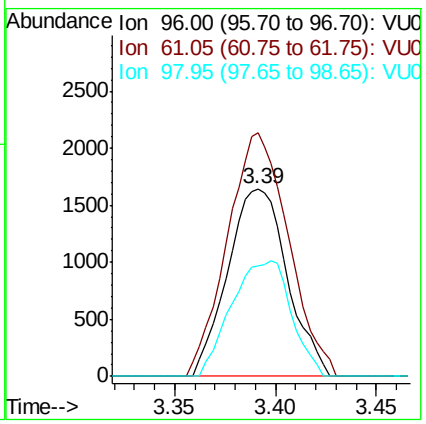


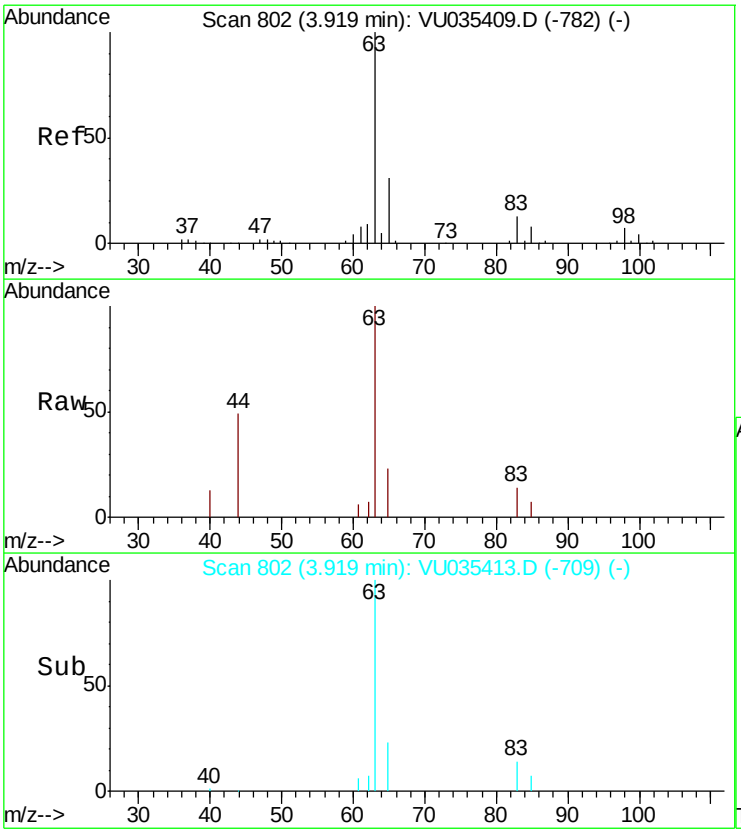
#18
trans-1,2-Dichloroethene
Concen: 0.212 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU035413.D
Acq: 23 Oct 2019 16:45

Instrument :
MSVOA_U
ClientSampleId :
H0G65DL

Tgt Ion: 96 Resp: 3387

Ion	Ratio	Lower	Upper
96	100		
61	129.6	93.0	172.6
98	58.8	43.7	81.1

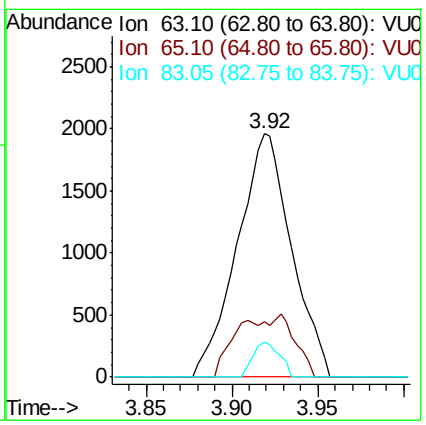


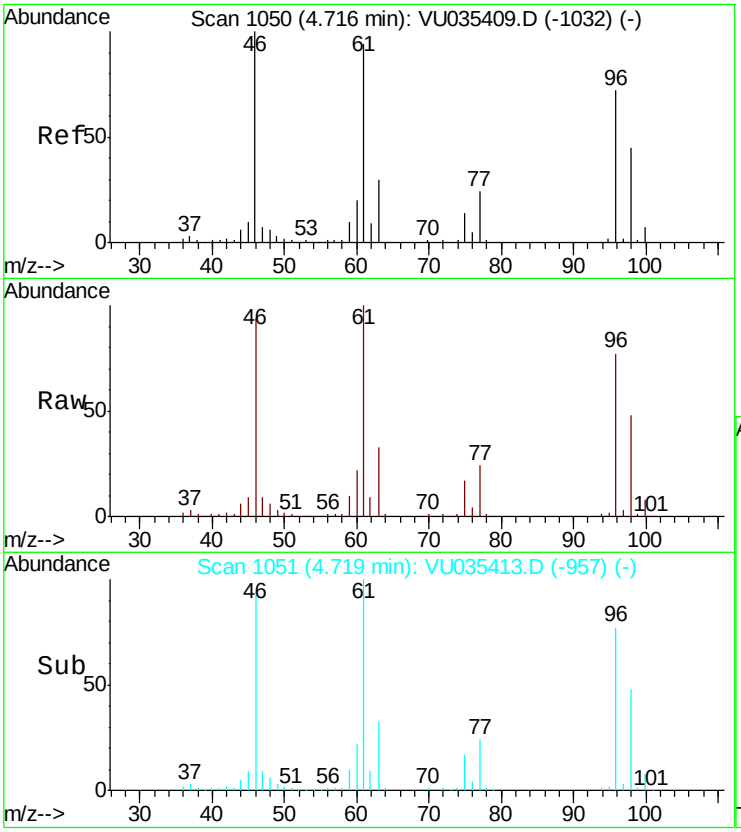


#19
1,1-Dichloroethane
Concen: 0.148 ug/L
RT: 3.92 min Scan# 802
Delta R.T. -0.00 min
Lab File: VU035413.D
Acq: 23 Oct 2019 16:45

Tgt Ion: 63 Resp: 4288

Ion	Ratio	Lower	Upper
63	100		
65	22.8	22.4	41.6
83	14.3	9.3	17.3



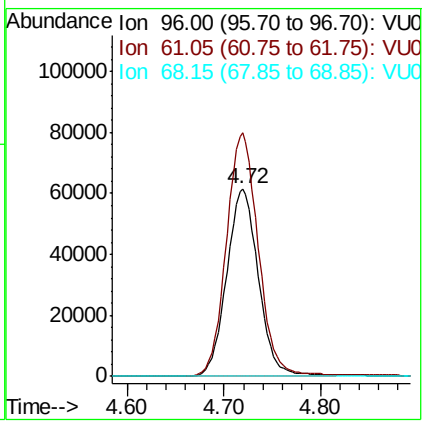


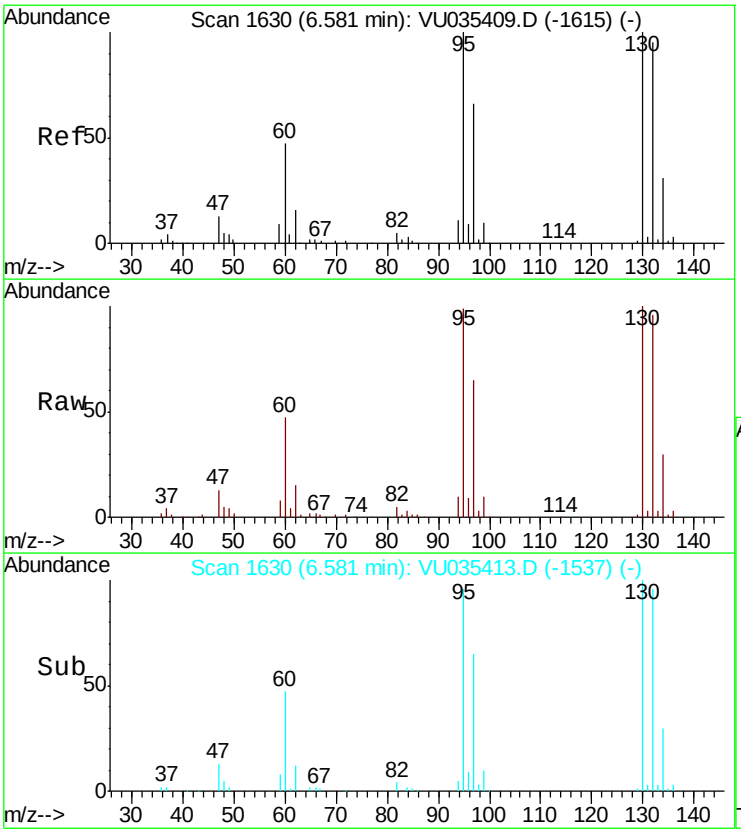
#22
cis-1,2-Dichloroethene
Concen: 7.918 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035413.D
Acq: 23 Oct 2019 16:45

Instrument :
MSVOA_U
ClientSampleId :
H0G65DL

Tgt Ion: 96 Resp: 140090

Ion	Ratio	Lower	Upper
96	100		
61	129.9	89.7	166.5
68	0.0	0.0	0.0

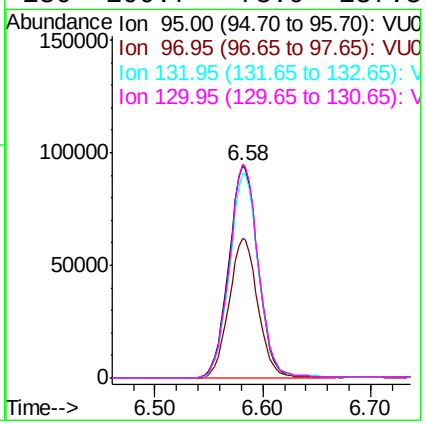


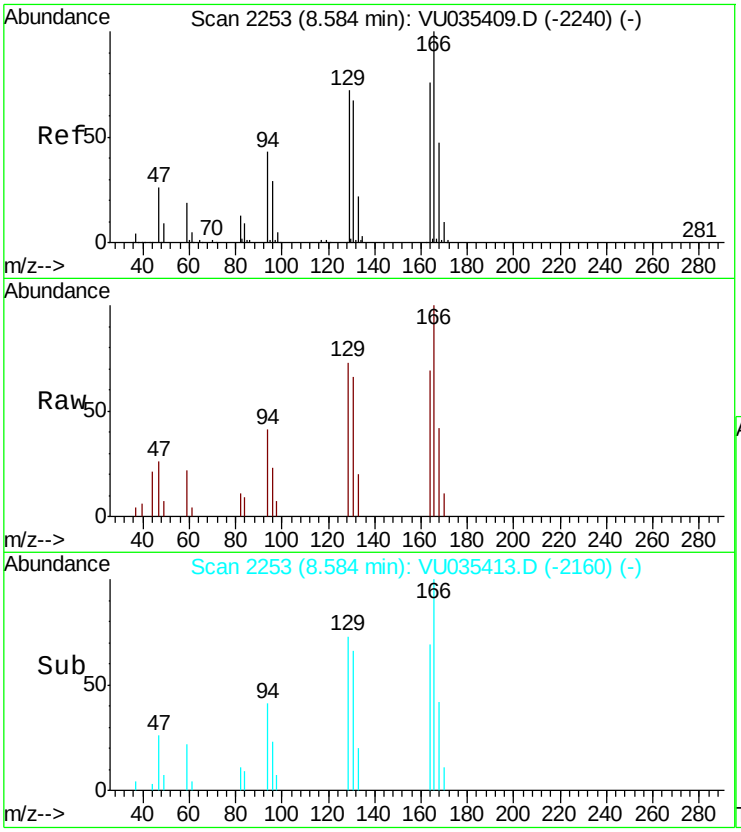


#34
Trichloroethene
Concen: 9.621 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035413.D
Acq: 23 Oct 2019 16:45

Tgt Ion: 95 Resp: 179053

Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.6	86.6
132	96.4	68.7	127.7
130	100.7	73.9	137.3





#47
Tetrachloroethene
Concen: 0.232 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035413.D
Acq: 23 Oct 2019 16:45

Instrument :
MSVOA_U
ClientSampleId :
H0G65DL

Tgt Ion:164 Resp: 3593

Ion	Ratio	Lower	Upper
164	100		
129	105.6	65.2	121.0
131	95.8	62.9	116.9
166	144.7	91.5	169.9