Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\

Quantitation Report (Not Reviewed)

Data File : VU035880.D
Acq On : 27 Nov 2019 00:35
Operator : JC/SP
Sample : K5992-11DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GARF2DL

Quant Time: Nov 27 03:22:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	208825	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	244366	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	67558	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	134485	4.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.60%			
7) Chloroethane-d5	1.93	69	123125	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%			
11) 1,1-Dichloroethene-d2	2.59	63	166263	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	4.69	46	223690	35.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 70.86%			
24) Chloroform-d	5.11	84	179946	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.00%			
26) 1,2-Dichloroethane-d4	5.75	65	124028	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.77	84	415419	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.74	67	150053	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.93	98	332181	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
43) trans-1,3-Dichloropropene-	8.21	79	48426	3.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.20%			
46) 2-Hexanone-d5	8.69	63	220597	44.90	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.80%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	115592	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	74679	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	5327	0.245	ug/L #	1
16) Methylene chloride	3.09	84	3247	0.124	ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	42776	1.794	ug/L	97
25) Chloroform	5.14	83	58479	1.250	ug/L	99
34) Trichloroethene	6.58	95	586256	23.442	ug/L	98
35) Methylcyclohexane	6.74	83	31441	0.857	ug/L #	14
37) 1,2-Dichloropropane	6.73	63	15923	0.550	ug/L #	90
47) Tetrachloroethene	8.58	164	1745	0.092	ug/L	75
48) 2-Hexanone	8.70	43	32800	2.508	ug/L #	76
59) 1,2,3-Trichloropropane	11.84	75	8360	0.444	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\

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Quant Time: Nov 27 03:22:47 2019
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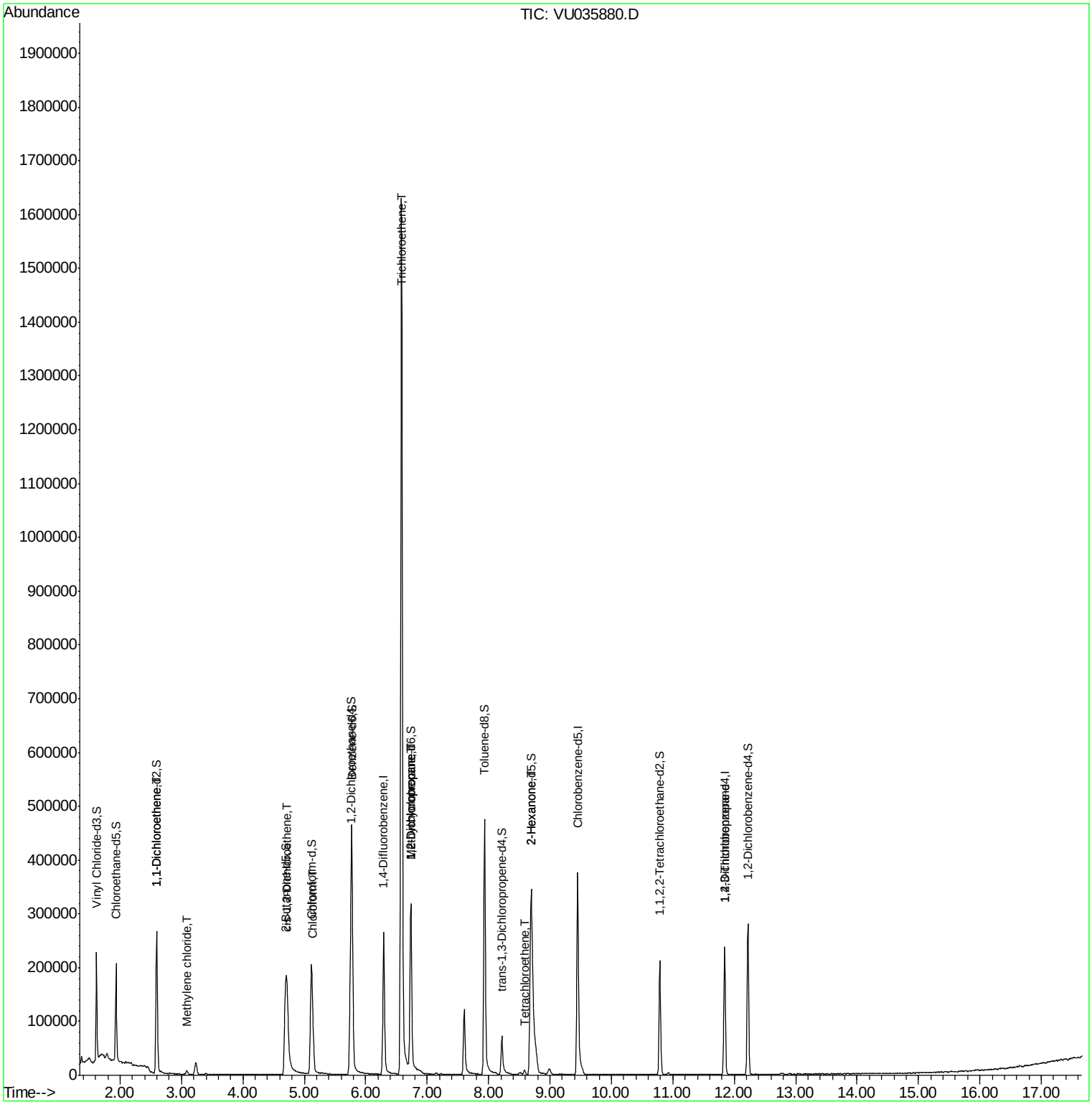
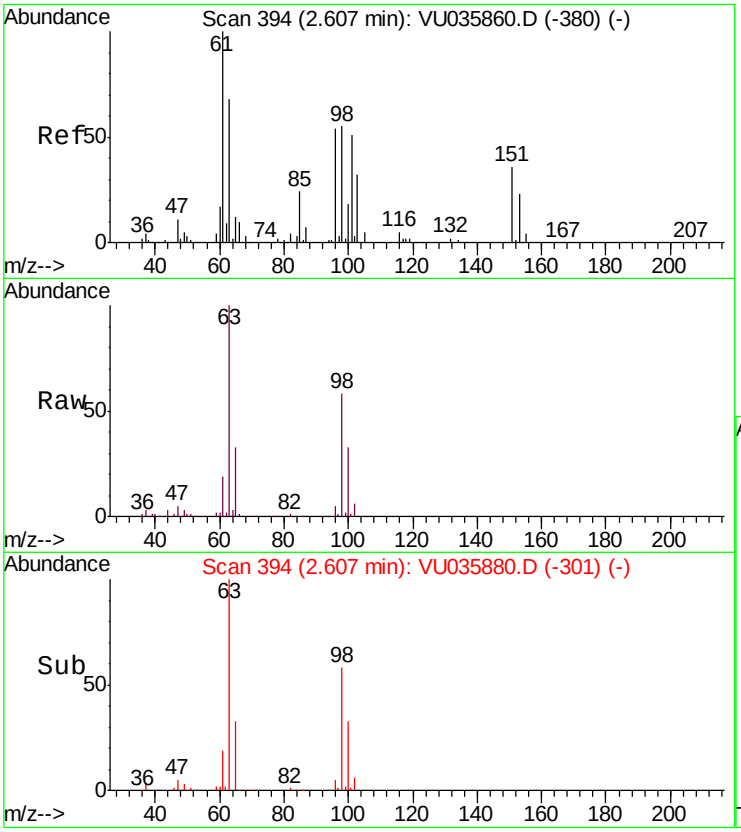
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration



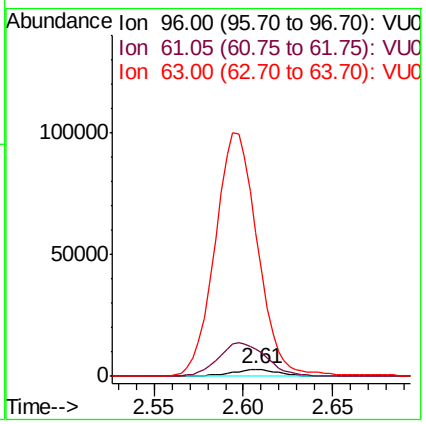


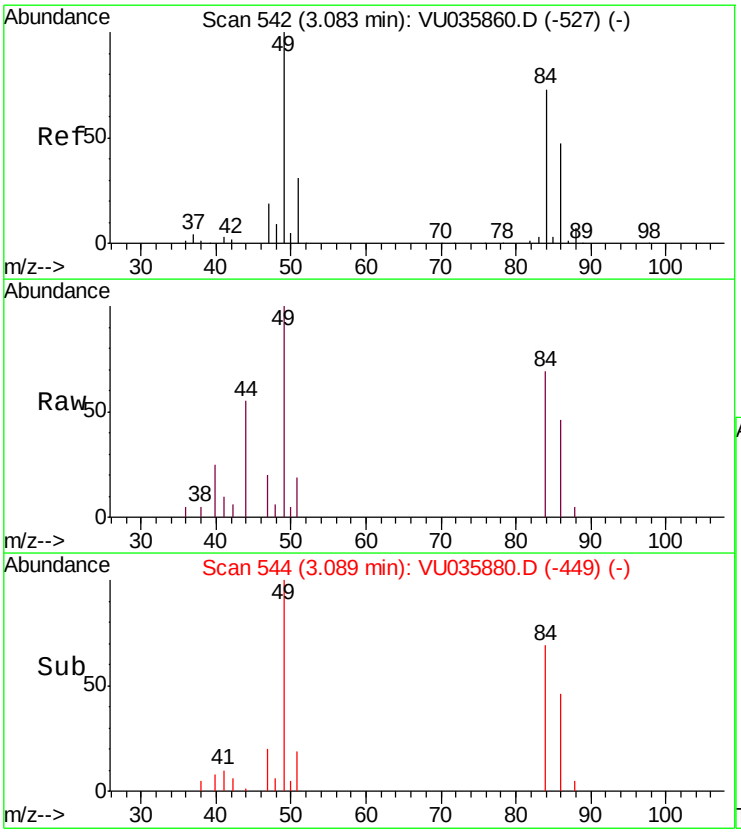
#12
1,1-Dichloroethene
Concen: 0.245 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035880.D
Acq: 27 Nov 2019 00:35

Instrument :
MSVOA_U
ClientSampleId :
GARF2DL

Tgt Ion: 96 Resp: 5327

Ion	Ratio	Lower	Upper
96	100		
61	386.4	139.3	258.7#
63	2015.3	93.7	174.1#

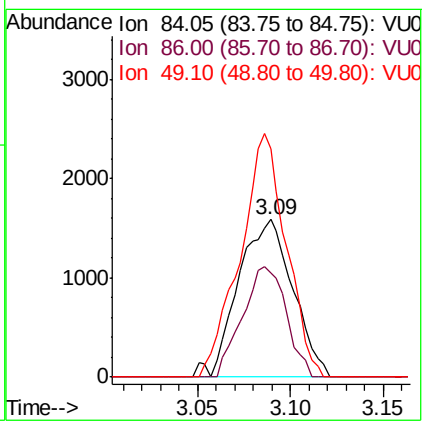


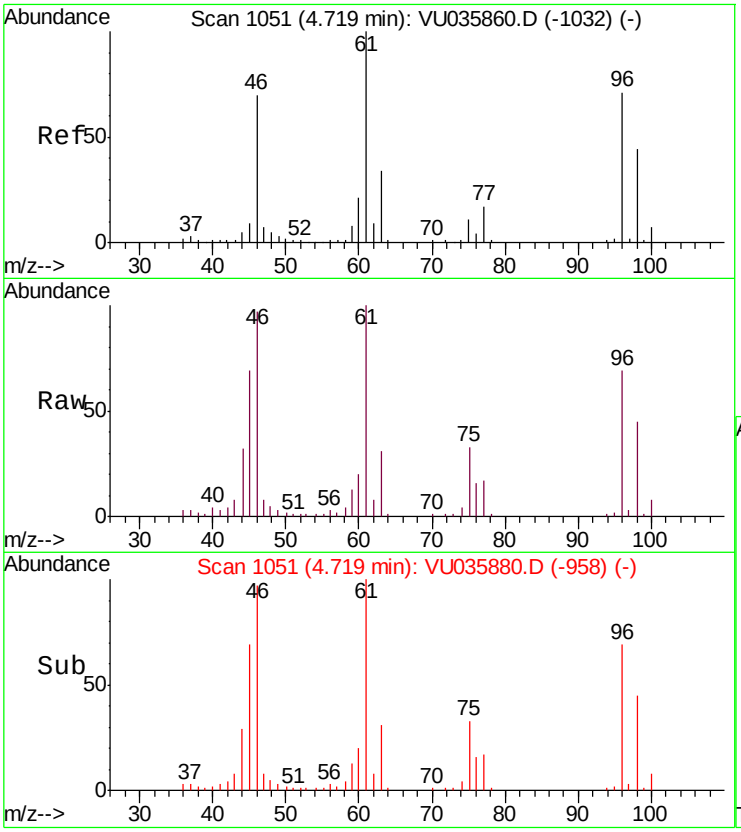


#16
Methylene chloride
Concen: 0.124 ug/L
RT: 3.09 min Scan# 544
Delta R.T. 0.01 min
Lab File: VU035880.D
Acq: 27 Nov 2019 00:35

Tgt Ion: 84 Resp: 3247

Ion	Ratio	Lower	Upper
84	100		
86	66.3	44.4	82.5
49	144.8	94.0	174.6



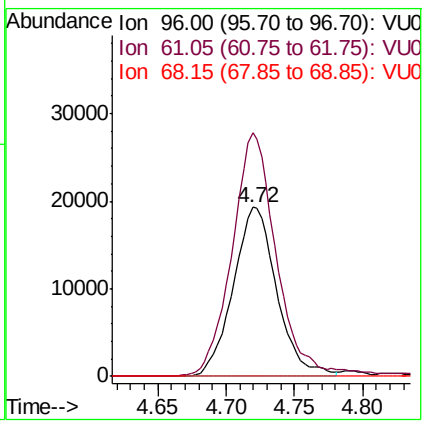


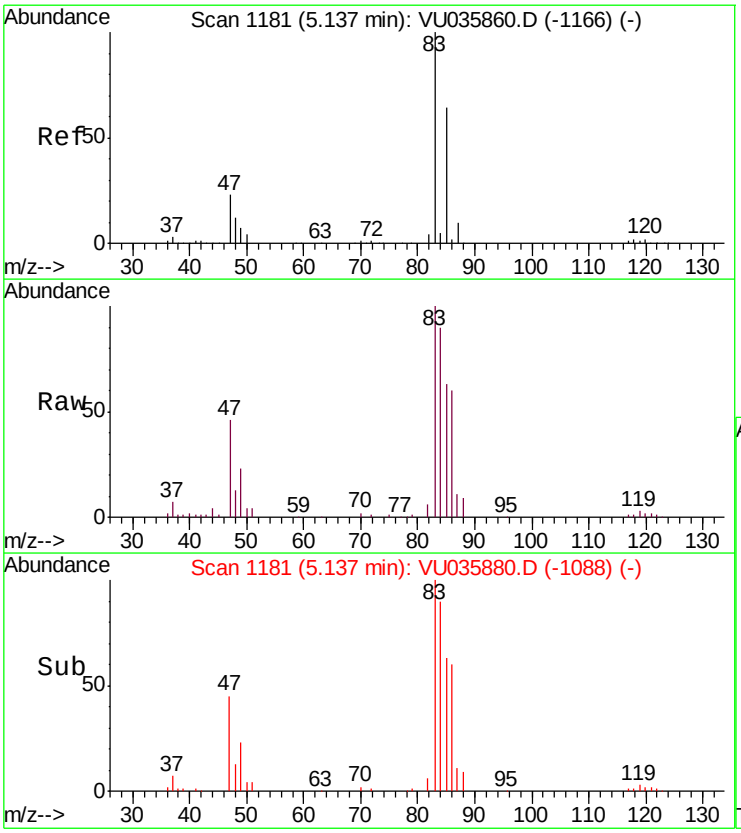
#22
cis-1,2-Dichloroethene
Concen: 1.794 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU035880.D
Acq: 27 Nov 2019 00:35

Instrument :
MSVOA_U
ClientSampleId :
GARF2DL

Tgt Ion: 96 Resp: 42776

Ion	Ratio	Lower	Upper
96	100		
61	144.1	98.1	182.1
68	0.0	0.0	0.0

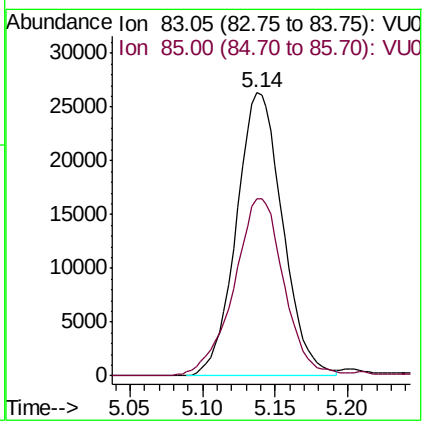


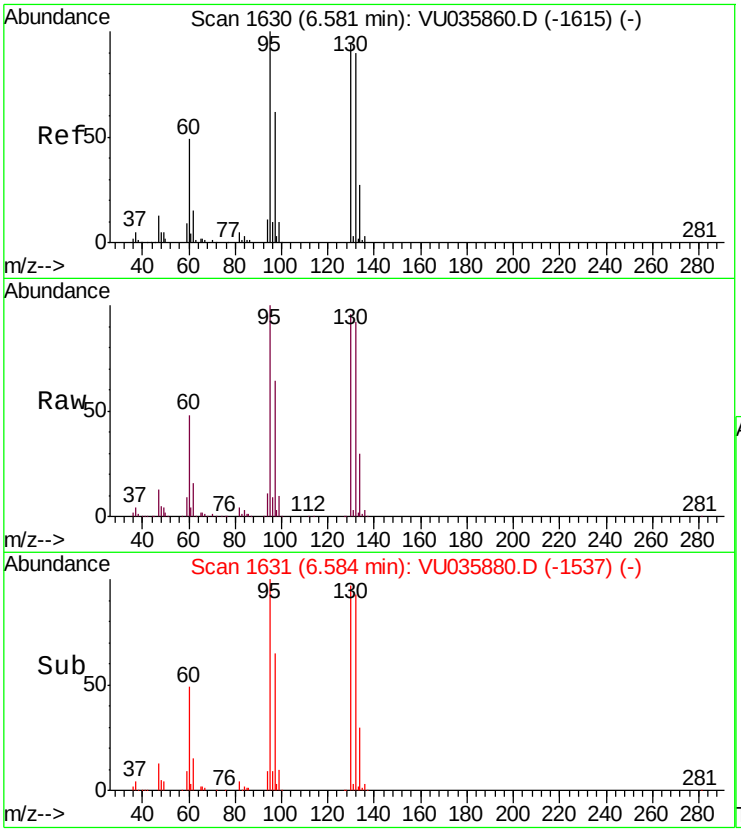


#25
Chloroform
Concen: 1.250 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035880.D
Acq: 27 Nov 2019 00:35

Tgt Ion: 83 Resp: 58479

Ion	Ratio	Lower	Upper
83	100		
85	62.7	44.6	82.8



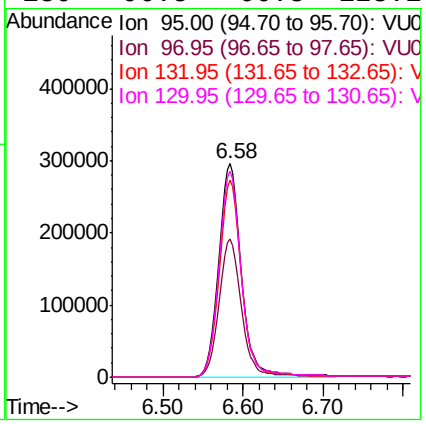


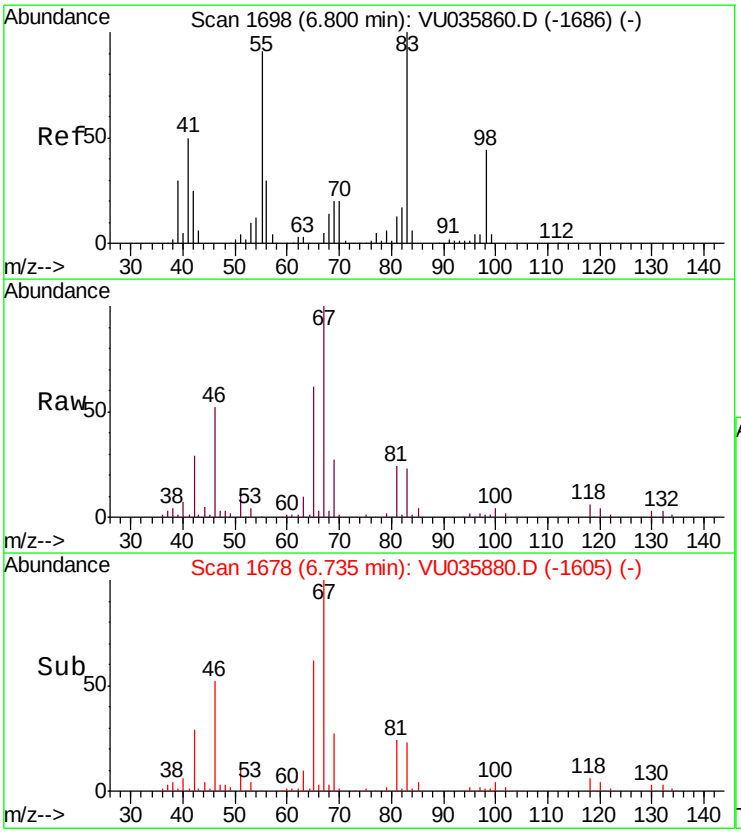
#34
Trichloroethene
Concen: 23.442 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035880.D
Acq: 27 Nov 2019 00:35

Instrument :
MSVOA_U
ClientSampleId :
GARF2DL

Tgt Ion: 95 Resp: 586256

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.1	83.9
132	92.2	61.9	114.9
130	96.5	66.3	123.1

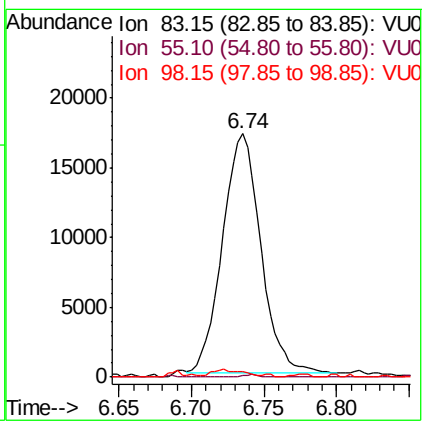


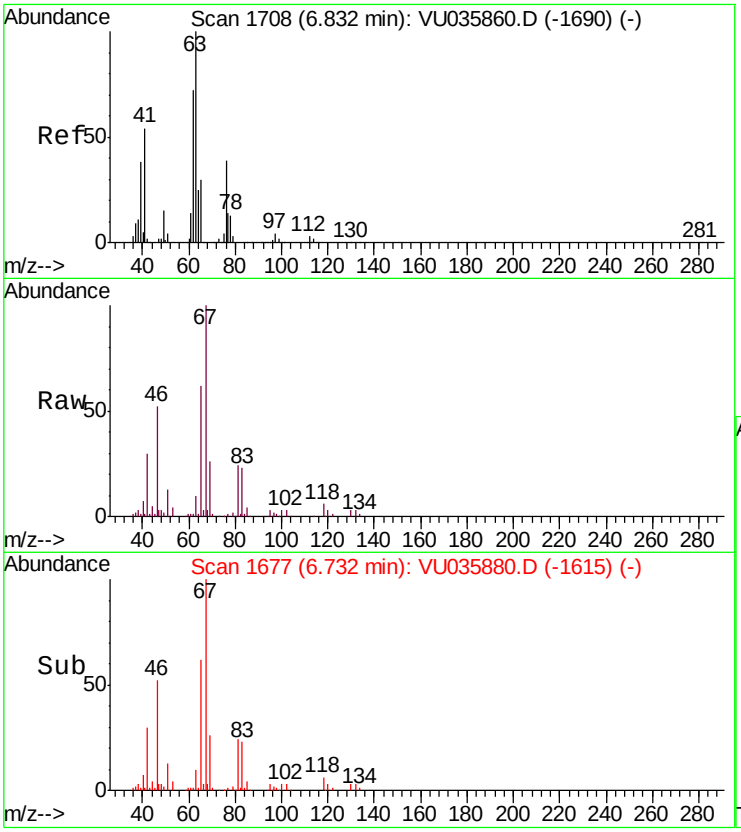


#35
Methylcyclohexane
Concen: 0.857 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035880.D
Acq: 27 Nov 2019 00:35

Tgt Ion: 83 Resp: 31441

Ion	Ratio	Lower	Upper
83	100		
55	0.3	72.7	109.1#
98	2.0	36.2	54.4#



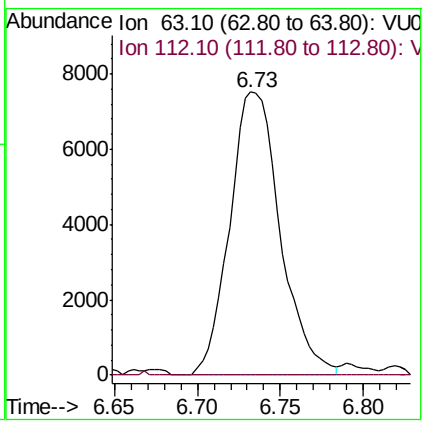


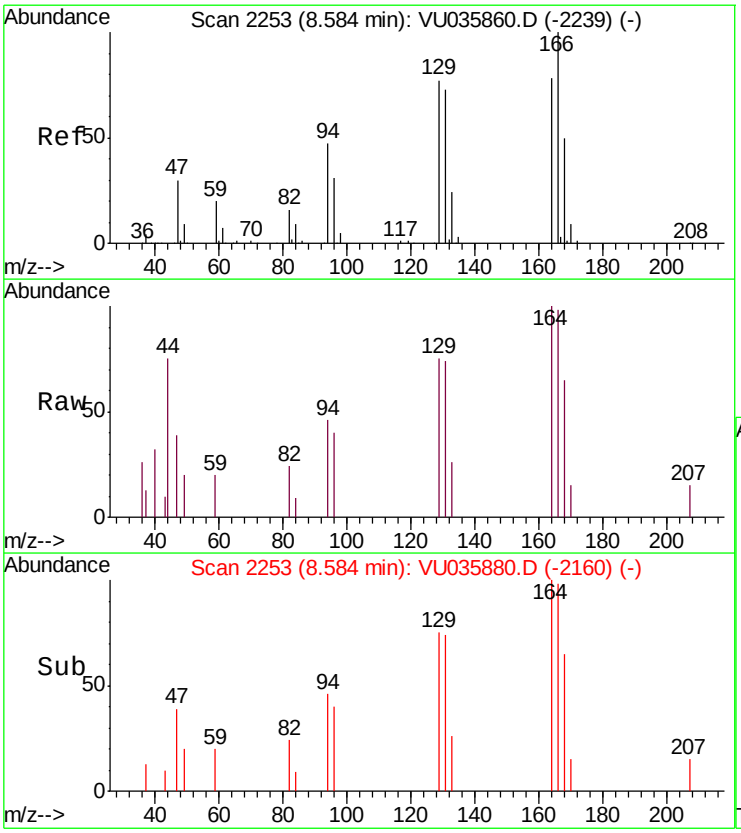
#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035880.D
Acq: 27 Nov 2019 00:35

Instrument : MSVOA_U
ClientSampleId : GARF2DL

Tgt Ion: 63 Resp: 15923

Ion	Ratio	Lower	Upper
63	100		
112	0.1	2.7	4.1#

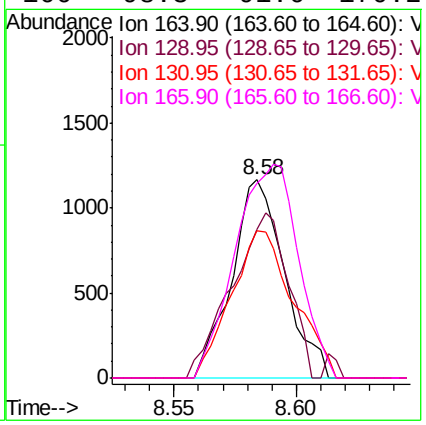


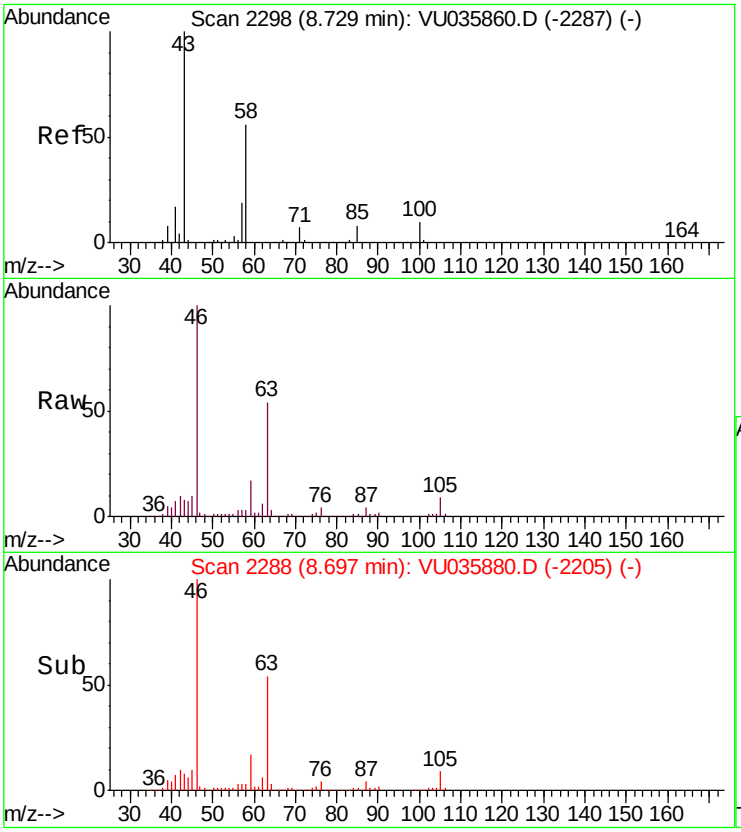


#47
Tetrachloroethene
Concen: 0.092 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035880.D
Acq: 27 Nov 2019 00:35

Tgt Ion:164 Resp: 1745

Ion	Ratio	Lower	Upper
164	100		
129	74.9	68.8	127.8
131	74.1	67.3	124.9
166	98.3	91.6	170.2



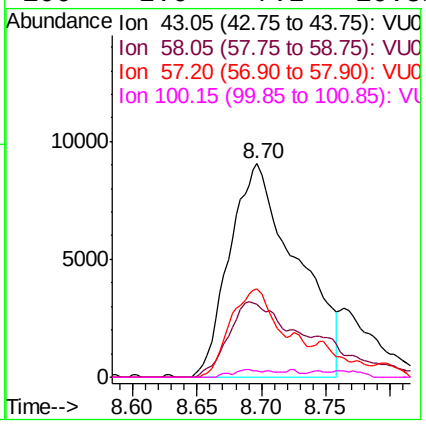


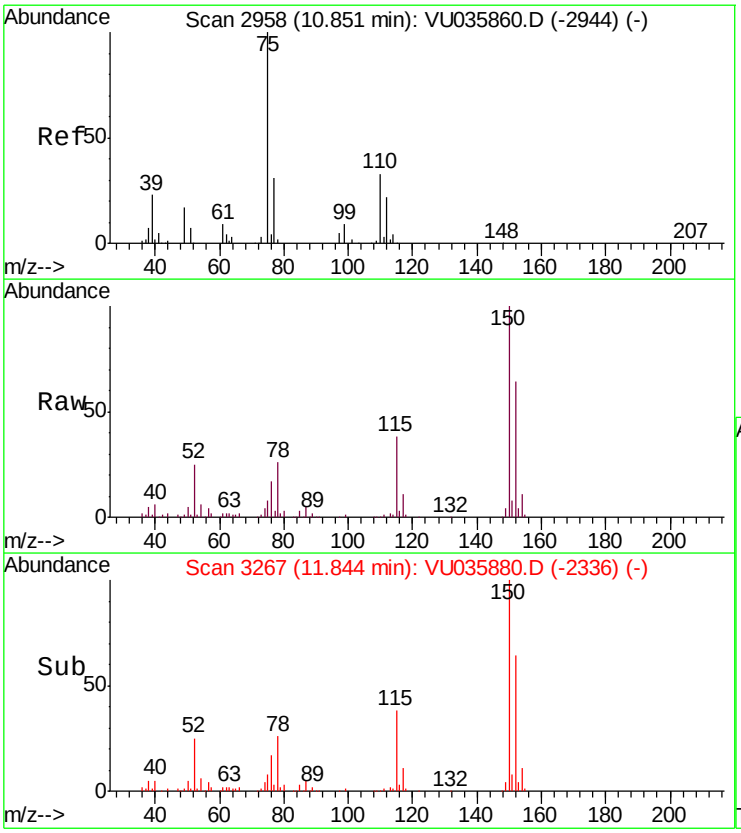
#48
2-Hexanone
Concen: 2.508 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. -0.03 min
Lab File: VU035880.D
Acq: 27 Nov 2019 00:35

Instrument : MSVOA_U
ClientSampleId : GARF2DL

Tgt Ion: 43 Resp: 32800

Ion	Ratio	Lower	Upper
43	100		
58	32.3	39.8	59.8#
57	27.4	14.0	21.0#
100	2.0	7.2	10.8#





#59
1,2,3-Trichloropropane
Concen: 0.444 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035880.D
Acq: 27 Nov 2019 00:35

Tgt Ion: 75 Resp: 8360

Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.4	38.2