Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

Data File : VU032060.D
Acq On : 16 May 2019 19:50
Operator : JC/SP
Sample : K2850-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W01

Quant Time: May 17 07:22:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	426780	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	402651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152740	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	153386	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.68	69	127605	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.00%			
11) 1,1-Dichloroethene-d2	2.27	63	221699	3.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.40%			
20) 2-Butanone-d5	4.20	46	279328	39.58	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.16%			
24) Chloroform-d	4.64	84	266813	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
26) 1,2-Dichloroethane-d4	5.31	65	131720	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.80%			
32) Benzene-d6	5.33	84	562712	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.33	67	164275	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.56	98	465375	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	7.85	79	54755	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
46) 2-Hexanone-d5	8.31	63	244392	41.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.74%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128060	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	161289	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.27	96	2445	0.143	ug/L #	1
13) Acetone	2.33	43	13746	5.933	ug/L	94
17) Methyl tert-butyl Ether	3.00	73	2498192	62.000	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	1967	0.107	ug/L	81
22) cis-1,2-Dichloroethene	4.22	96	7737	0.429	ug/L	79
34) Trichloroethene	6.18	95	28621	1.707	ug/L	95
35) Methylcyclohexane	6.33	83	38892	1.610	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	17839	1.180	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3319	0.159	ug/L #	68
47) Tetrachloroethene	8.22	164	29232	2.332	ug/L	97
49) Dibromochloromethane	8.22	129	27985	2.175	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	16415	1.710	ug/L #	79

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

Data File : VU032060.D
Acq On : 16 May 2019 19:50
Operator : JC/SP
Sample : K2850-02
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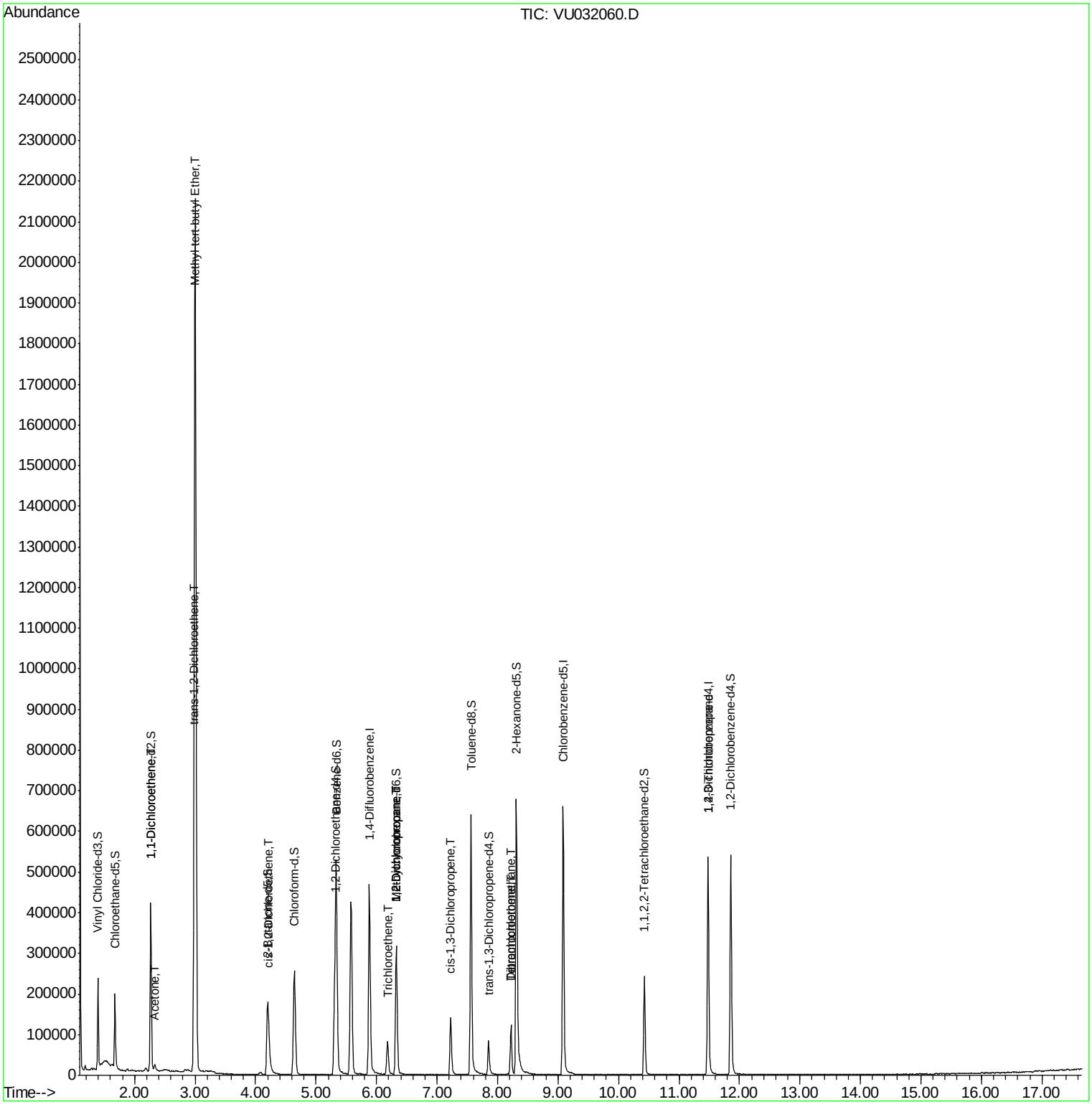
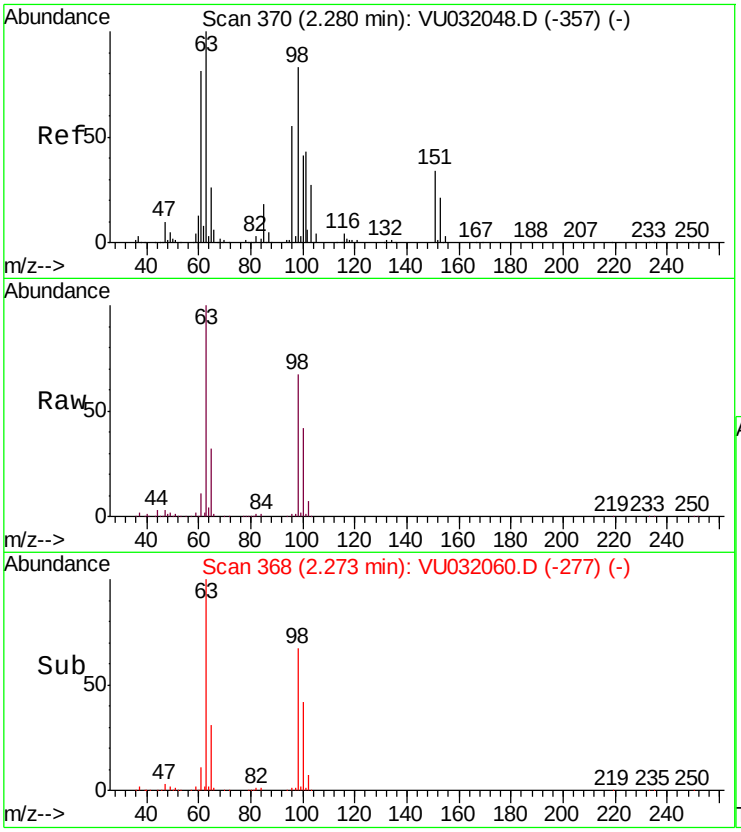
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W01

Quant Time: May 17 07:22:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration



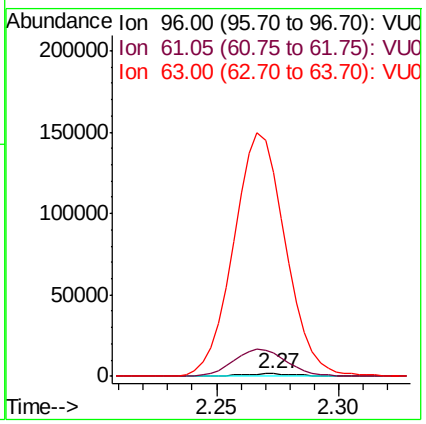


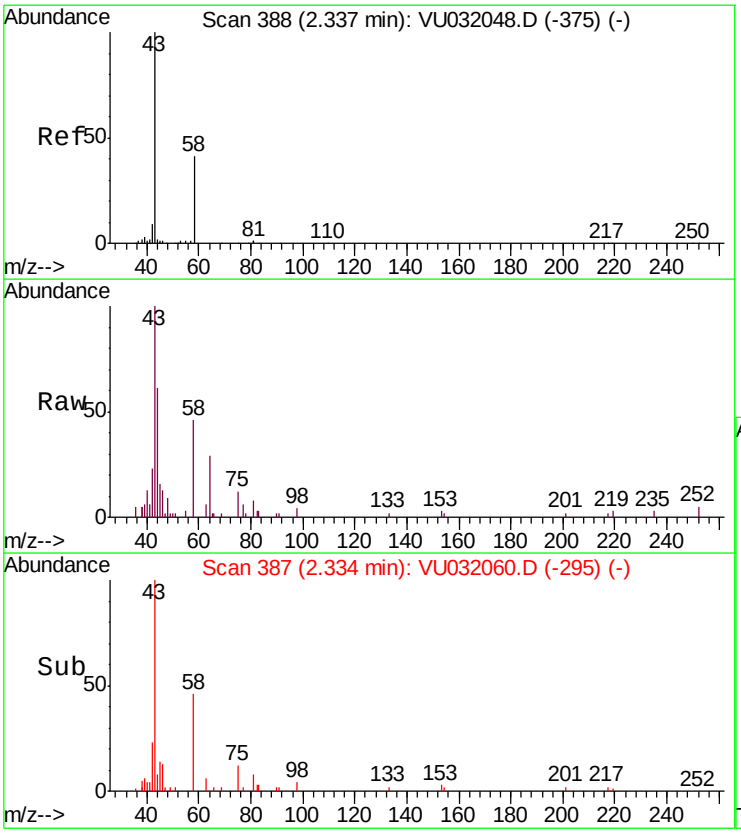
#12
1,1-Dichloroethene
Concen: 0.143 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Instrument : MSVOA_U
ClientSampleId : F9W01

Tgt Ion: 96 Resp: 2445

Ion	Ratio	Lower	Upper
96	100		
61	948.5	111.7	207.5#
63	8363.1	152.2	282.6#

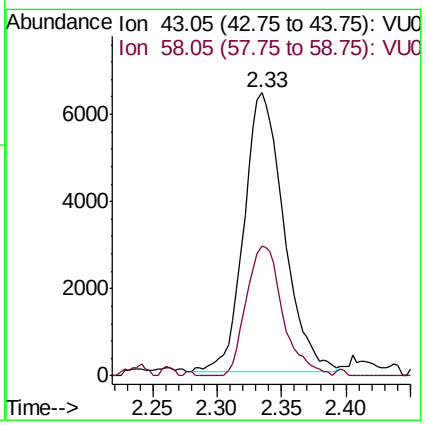


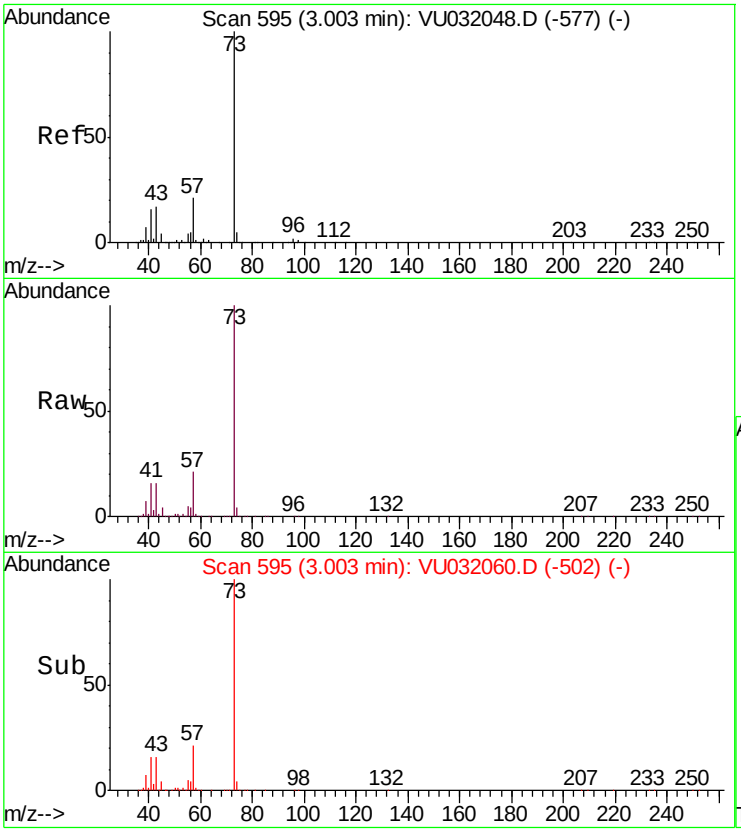


#13
Acetone
Concen: 5.933 ug/L
RT: 2.33 min Scan# 387
Delta R.T. -0.00 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Tgt Ion: 43 Resp: 13746

Ion	Ratio	Lower	Upper
43	100		
58	42.9	0.0	78.8



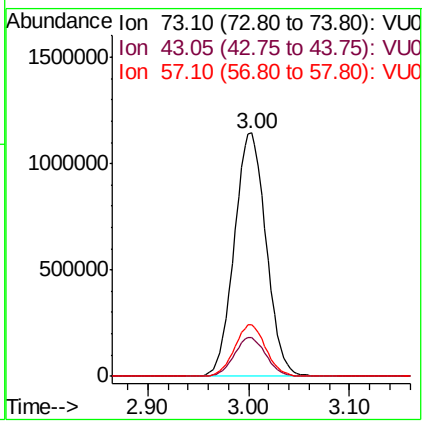


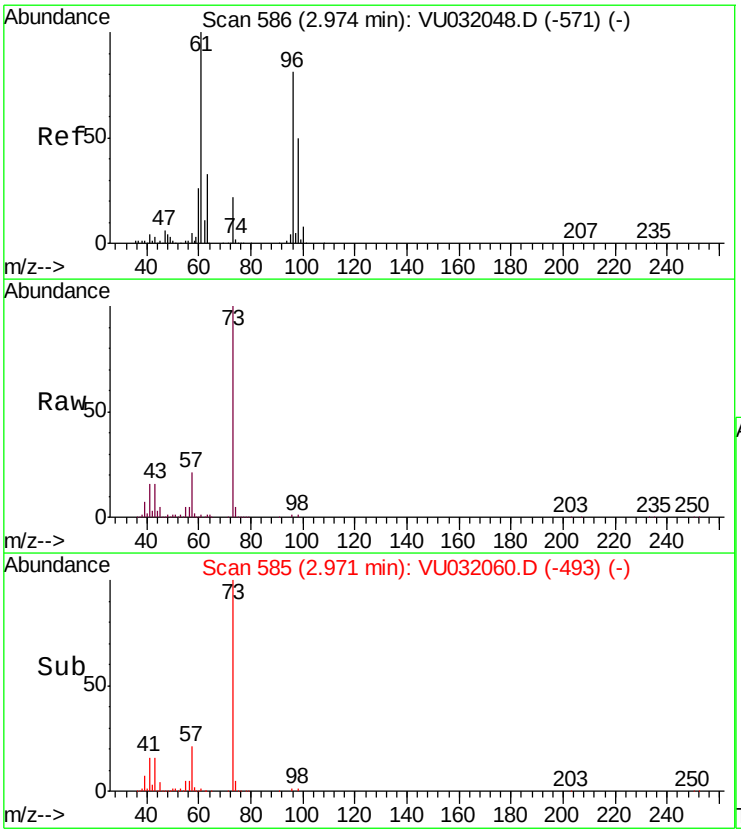
#17
Methyl tert-butyl Ether
Concen: 62.000 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Instrument : MSVOA_U
ClientSampleId : F9W01

Tgt Ion: 73 Resp: 2498192

Ion	Ratio	Lower	Upper
73	100		
43	15.9	13.0	19.6
57	20.9	17.9	26.9

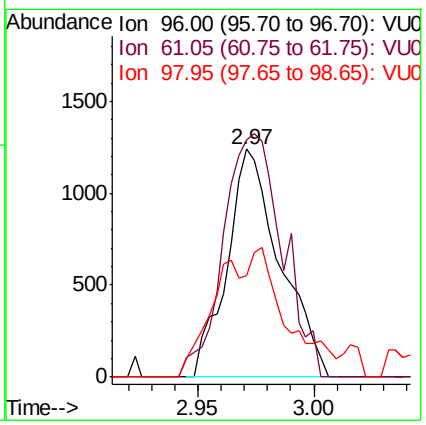


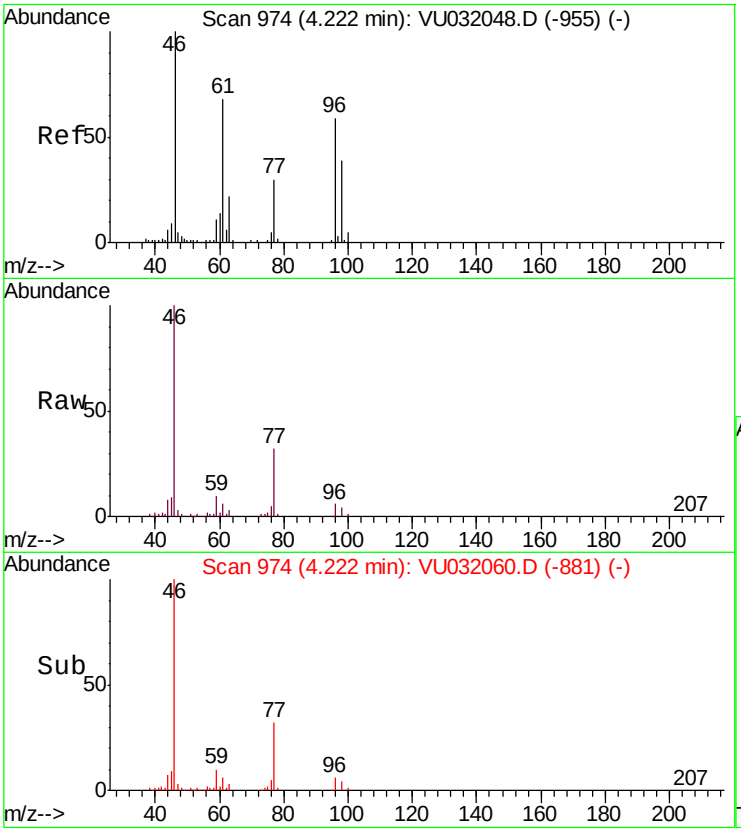


#18
trans-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 2.97 min Scan# 585
Delta R.T. -0.00 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Tgt Ion: 96 Resp: 1967

Ion	Ratio	Lower	Upper
96	100		
61	103.8	86.5	160.7
98	44.6	43.5	80.9



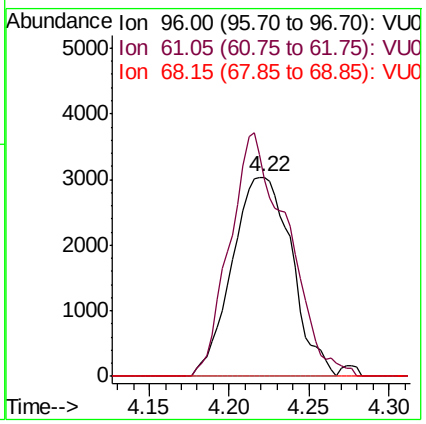


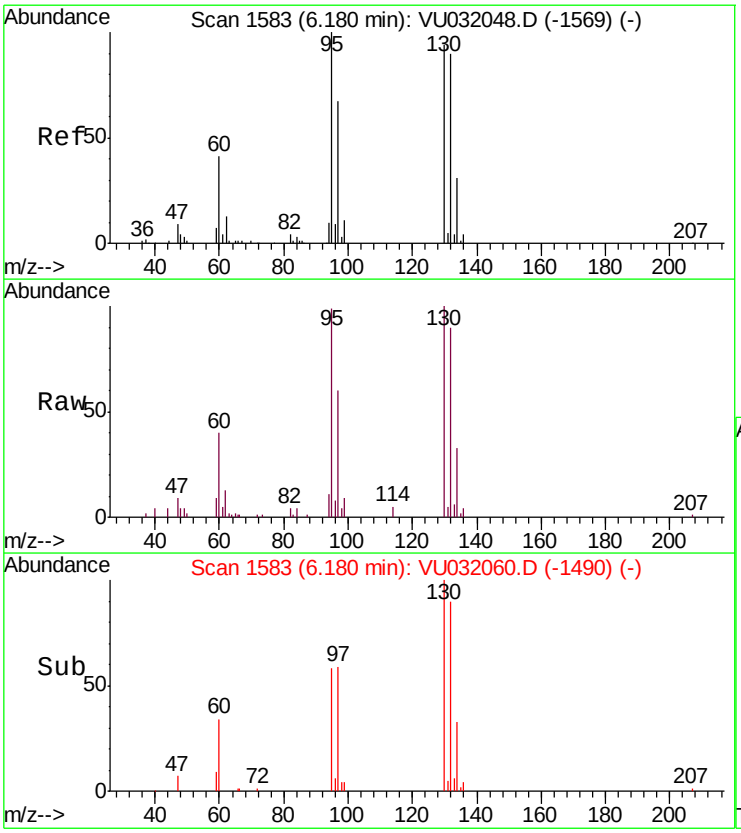
#22
cis-1,2-Dichloroethene
Concen: 0.429 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Instrument :
MSVOA_U
ClientSampleId :
F9W01

Tgt Ion: 96 Resp: 7737

Ion	Ratio	Lower	Upper
96	100		
61	98.6	85.8	159.4
68	0.0	0.0	0.0

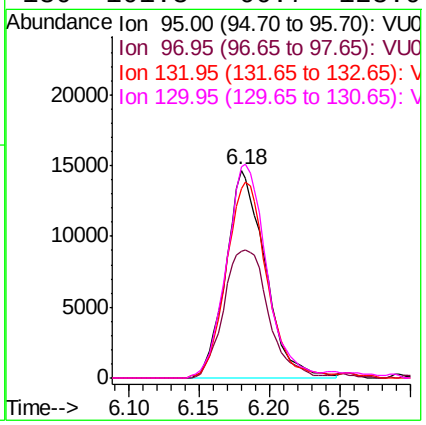


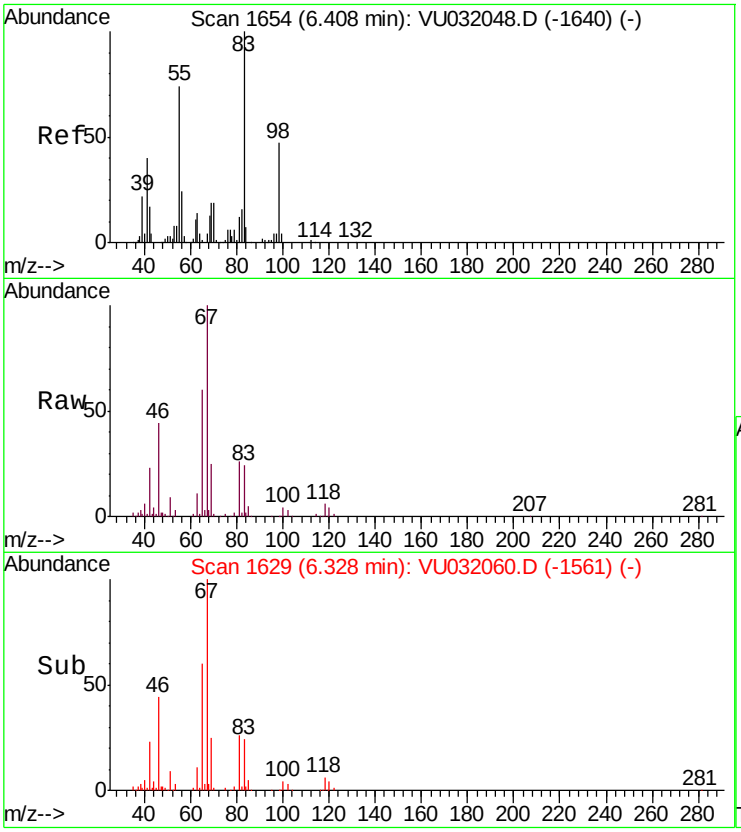


#34
Trichloroethene
Concen: 1.707 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Tgt Ion: 95 Resp: 28621

Ion	Ratio	Lower	Upper
95	100		
97	61.1	45.2	84.0
132	91.1	66.1	122.7
130	101.3	66.7	123.9



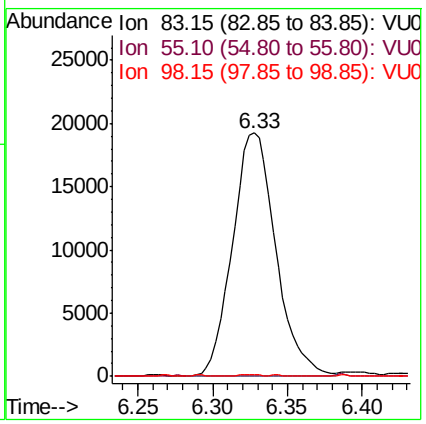


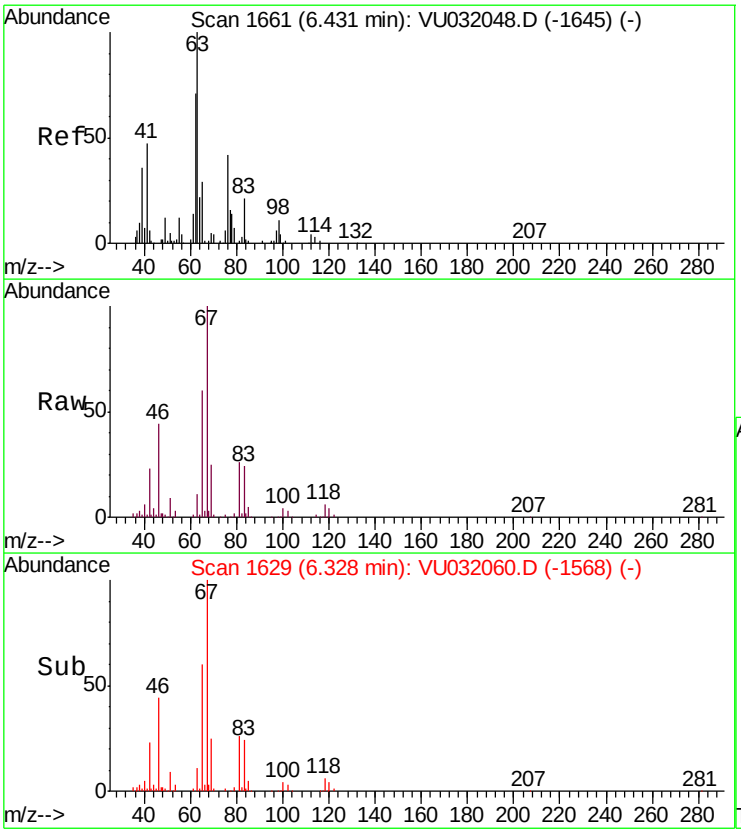
#35
Methylcyclohexane
Concen: 1.610 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Instrument :
MSVOA_U
ClientSampleId :
F9W01

Tgt Ion: 83 Resp: 38892

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.7	89.5#
98	0.3	36.8	55.2#

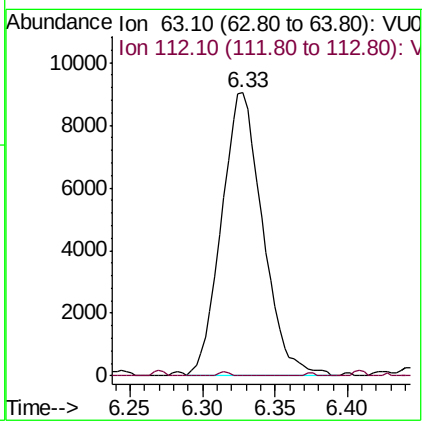


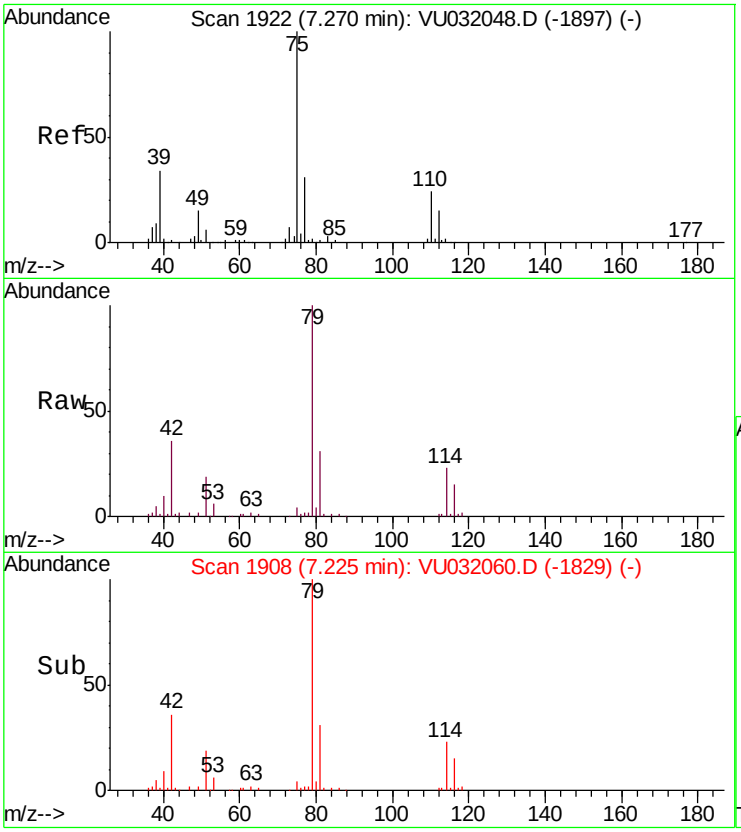


#37
1,2-Dichloropropane
Concen: 1.180 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Tgt Ion: 63 Resp: 17839

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.6#



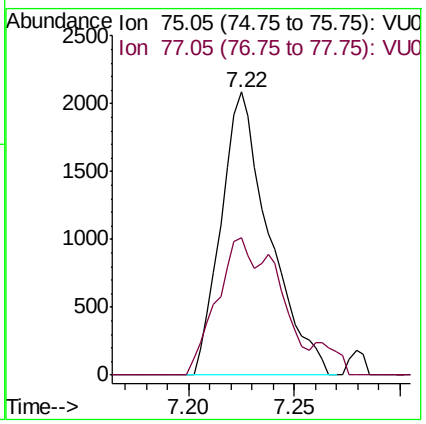


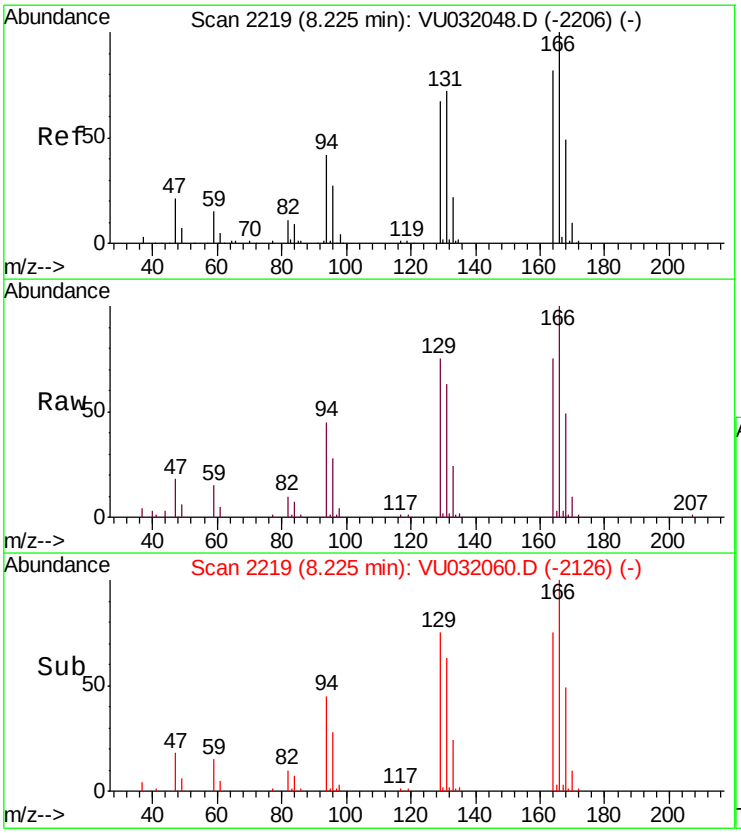
#39
cis-1,3-Dichloropropene
Concen: 0.159 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Instrument : MSVOA_U
ClientSampleId : F9W01

Tgt Ion: 75 Resp: 3319

Ion	Ratio	Lower	Upper
75	100		
77	48.4	21.7	40.3#

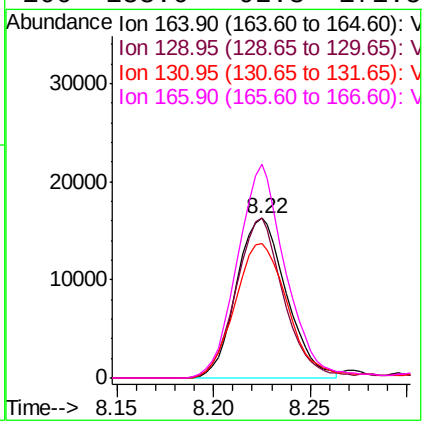


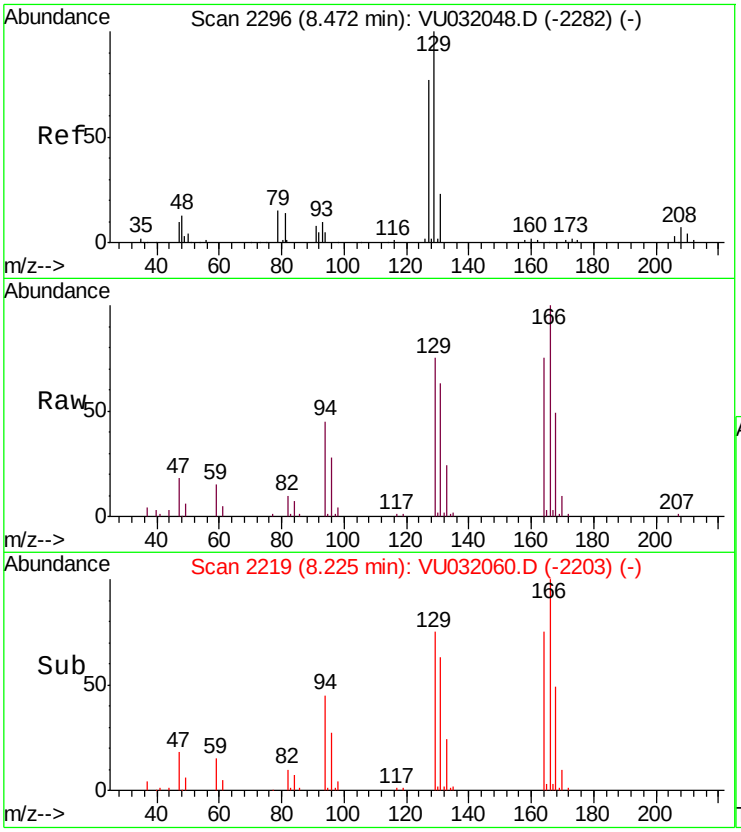


#47
Tetrachloroethene
Concen: 2.332 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Tgt Ion:164 Resp: 29232

Ion	Ratio	Lower	Upper
164	100		
129	100.4	70.3	130.5
131	84.4	64.5	119.9
166	133.6	92.3	171.5



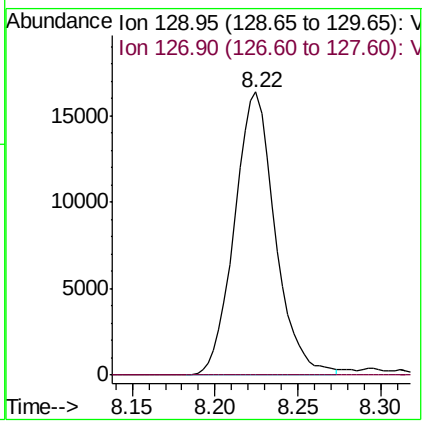


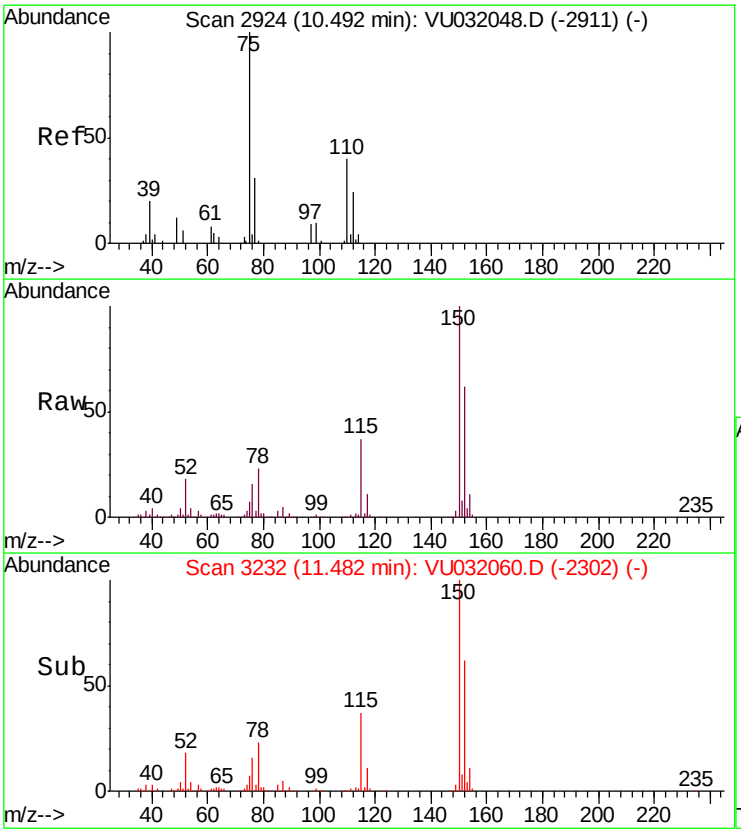
#49
Dibromochloromethane
Concen: 2.175 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Instrument :
MSVOA_U
ClientSampleId :
F9W01

Tgt Ion:129 Resp: 27985

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 1.710 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032060.D
Acq: 16 May 2019 19:50

Tgt Ion: 75 Resp: 16415

Ion	Ratio	Lower	Upper
75	100		
77	44.5	26.2	39.2#