Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101519\
Data File : VU035185.D
Acq On : 15 Oct 2019 12:19
Operator : JC/SP
Sample : K5311-05MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 15 15:17:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 15:10:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	159570	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	164132	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	56215	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	43182	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.68	69	42851	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.26	63	86518	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.00%			
20) 2-Butanone-d5	4.17	46	146163	52.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.24%			
24) Chloroform-d	4.62	84	87211	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.29	65	52400	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.32	84	171936	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.31	67	63291	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.55	98	143603	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
43) trans-1,3-Dichloropropene-	7.84	79	19489	4.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.20%			
46) 2-Hexanone-d5	8.30	63	101966	46.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.60%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55117	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	46725	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	8599	0.590	ug/L	97
3) Chloromethane	1.32	50	1908	0.119	ug/L	98
12) 1,1-Dichloroethene	2.27	96	38670	3.773	ug/L	93
13) Acetone	2.31	43	3605	1.585	ug/L	87
17) Methyl tert-butyl Ether	2.99	73	7099	0.254	ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	42372	3.461	ug/L	87
25) Chloroform	4.66	83	6523	0.266	ug/L	93
33) Benzene	5.37	78	198338	4.012	ug/L	100
34) Trichloroethene	6.16	95	90369	7.088	ug/L	98
35) Methylcyclohexane	6.31	83	13819	0.669	ug/L #	19
37) 1,2-Dichloropropane	6.31	63	7015	0.526	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	1490	0.082	ug/L #	77
42) Toluene	7.62	91	204520	3.963	ug/L	98
47) Tetrachloroethene	8.21	164	44699	4.331	ug/L	94
48) 2-Hexanone	8.30	43	9675	1.681	ug/L #	67
49) Dibromochloromethane	8.21	129	42180	4.121	ug/L #	12
51) Chlorobenzene	9.10	112	147672	4.416	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101519\
Data File : VU035185.D
Acq On : 15 Oct 2019 12:19
Operator : JC/SP
Sample : K5311-05MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 15 15:17:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 15:10:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.47	75	7528	0.872	ug/L	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101519\
Data File : VU035185.D
Acq On : 15 Oct 2019 12:19
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Instrument :
MSVOA_U
ClientSampleId :

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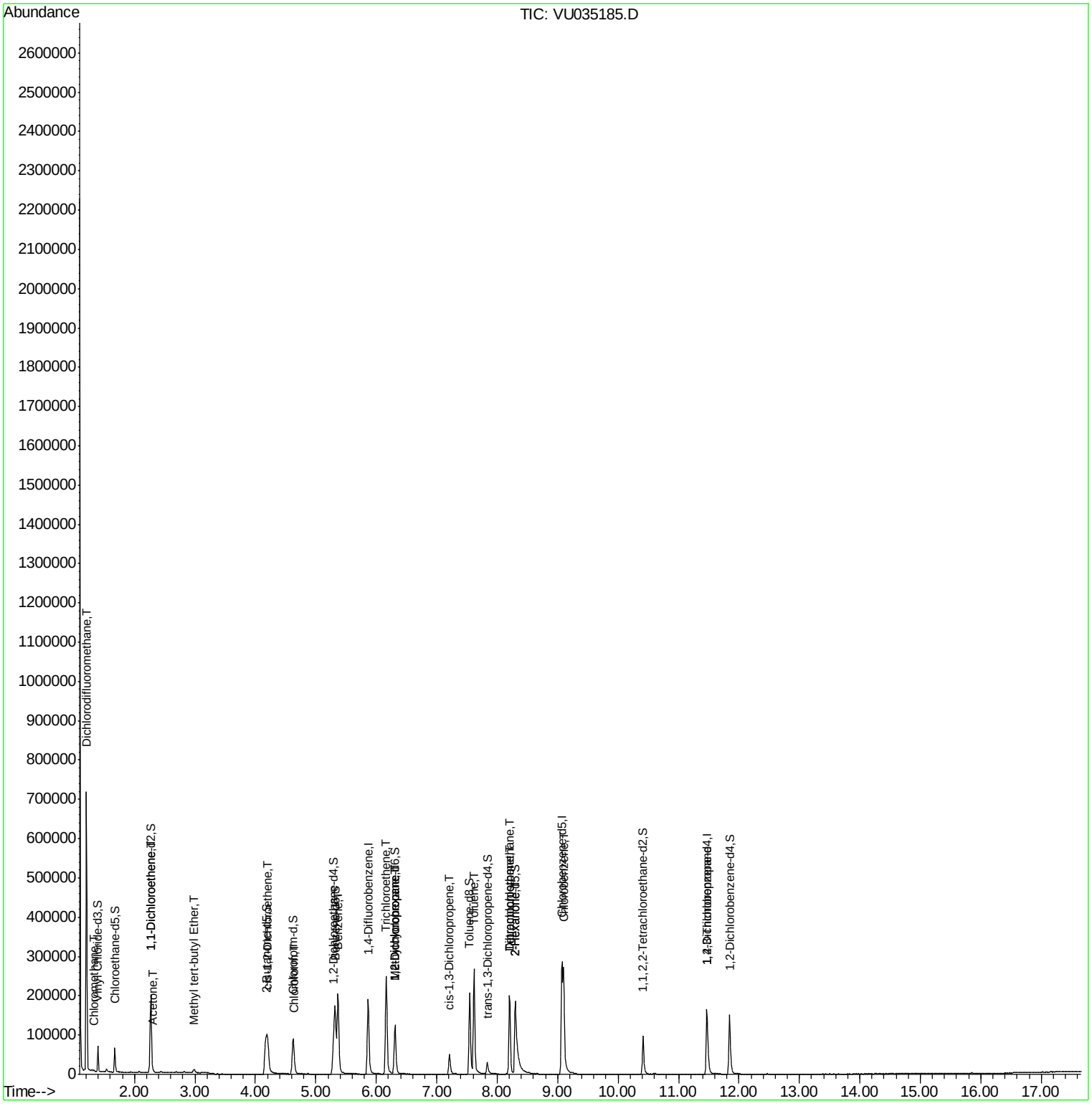
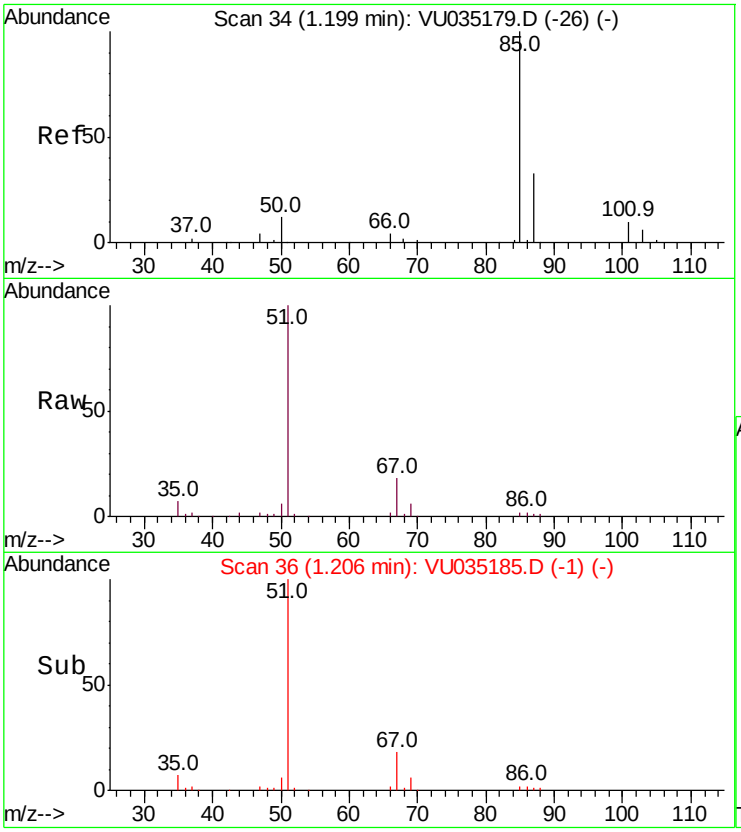
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 15:10:16 2019
Response via : Initial Calibration



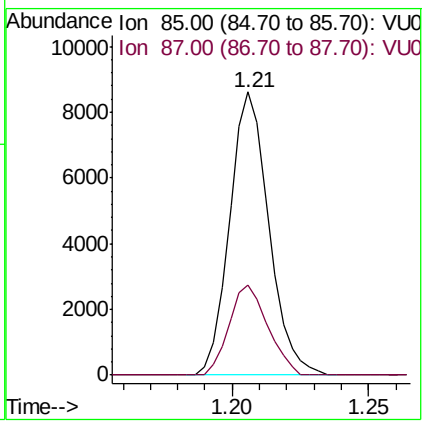


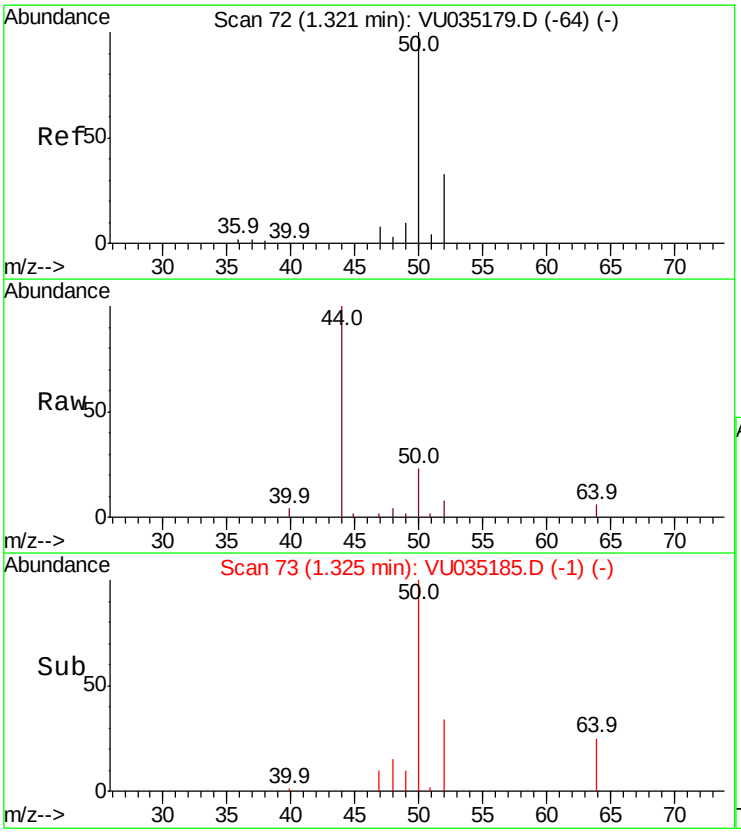
#2
Dichlorodifluoromethane
Concen: 0.590 ug/L
RT: 1.21 min Scan# 36
Delta R.T. 0.01 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 8599

Ion	Ratio	Lower	Upper
85	100		
87	31.3	26.3	39.5

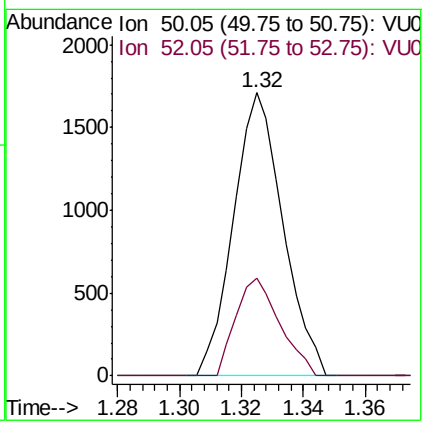


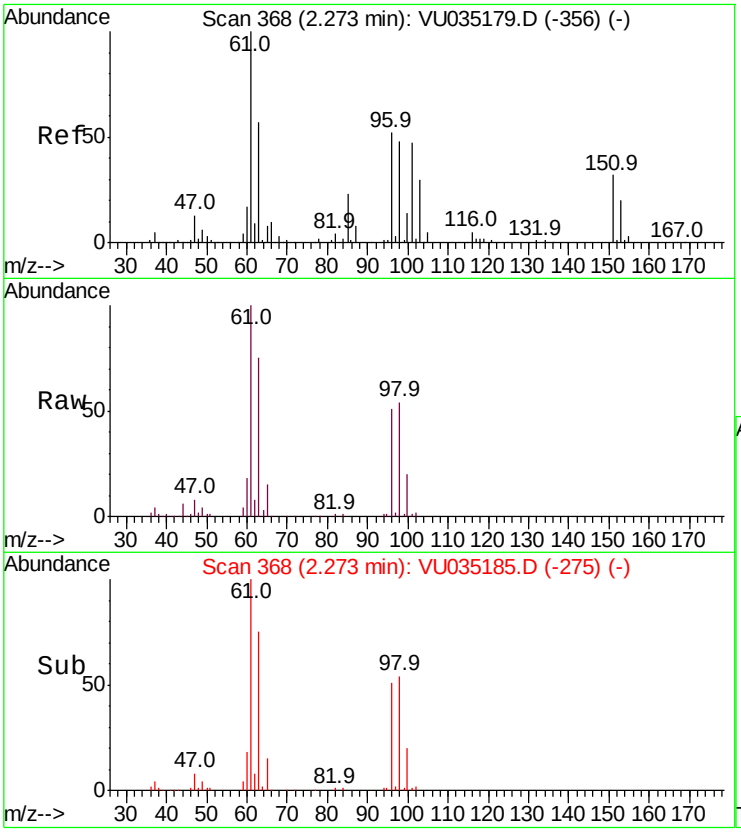


#3
Chloromethane
Concen: 0.119 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Tgt Ion: 50 Resp: 1908

Ion	Ratio	Lower	Upper
50	100		
52	34.5	23.3	43.3



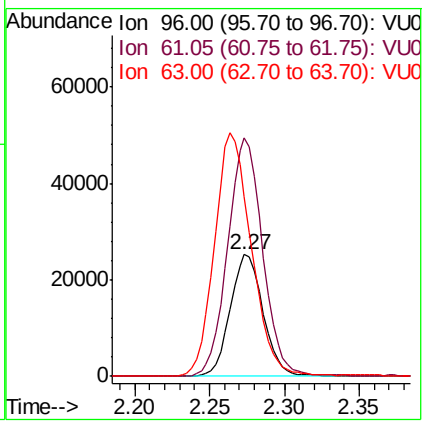


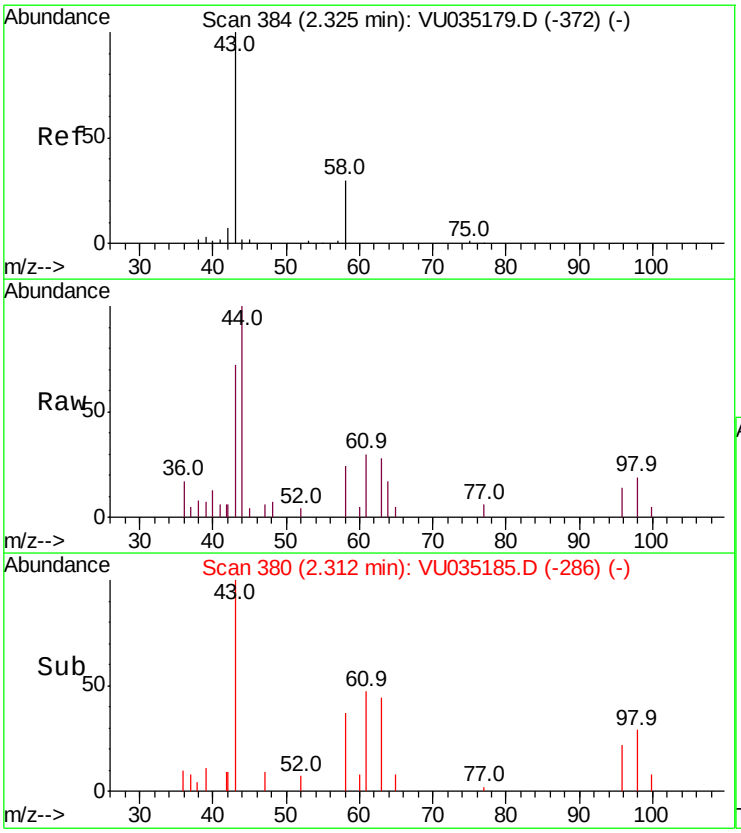
#12
1,1-Dichloroethene
Concen: 3.773 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 38670

Ion	Ratio	Lower	Upper
96	100		
61	196.3	129.3	240.1
63	147.6	108.9	202.3

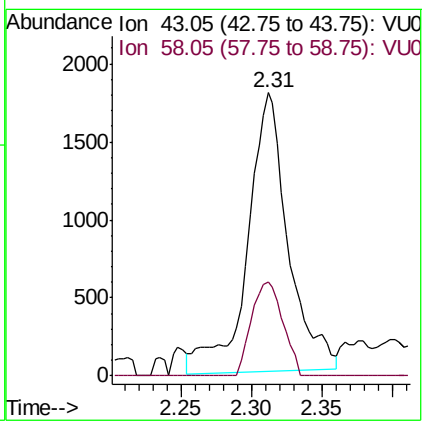


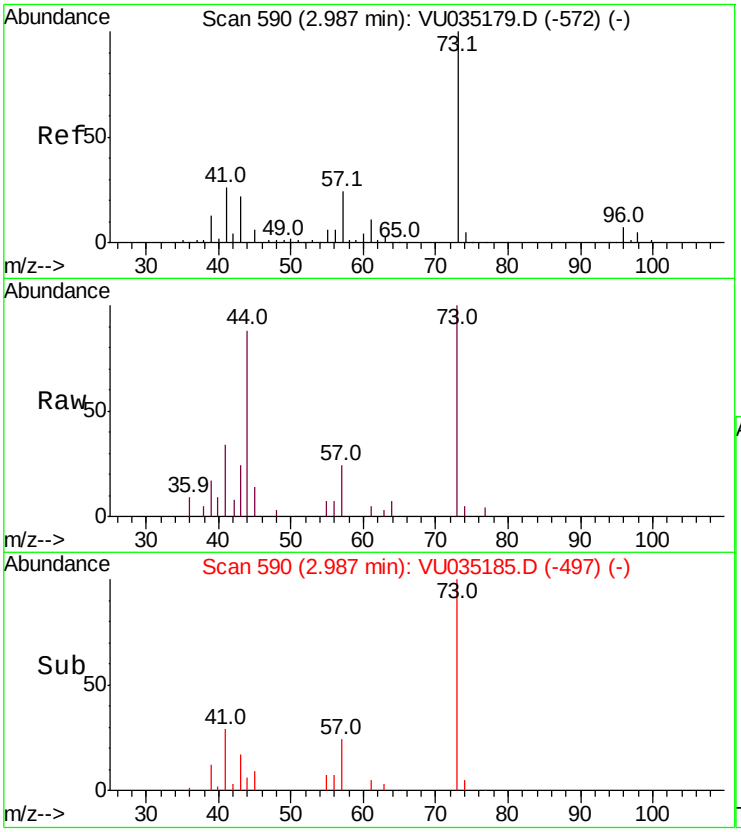


#13
Acetone
Concen: 1.585 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Tgt Ion: 43 Resp: 3605

Ion	Ratio	Lower	Upper
43	100		
58	26.0	0.0	66.6



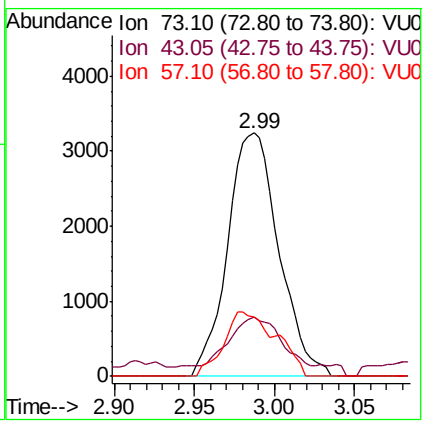


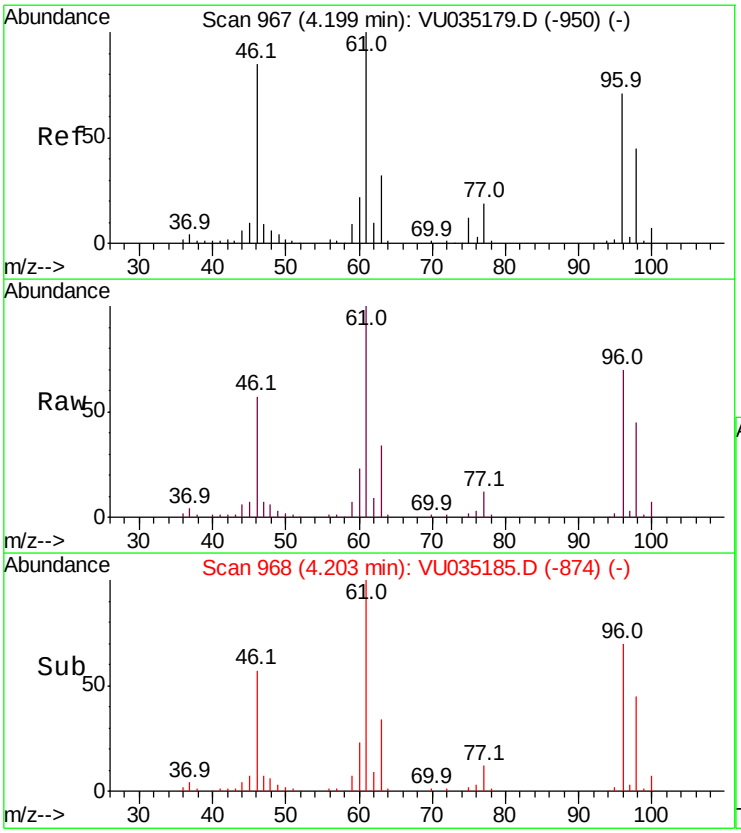
#17
Methyl tert-butyl Ether
Concen: 0.254 ug/L
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 7099

Ion	Ratio	Lower	Upper
73	100		
43	20.5	16.3	24.5
57	27.2	18.6	28.0

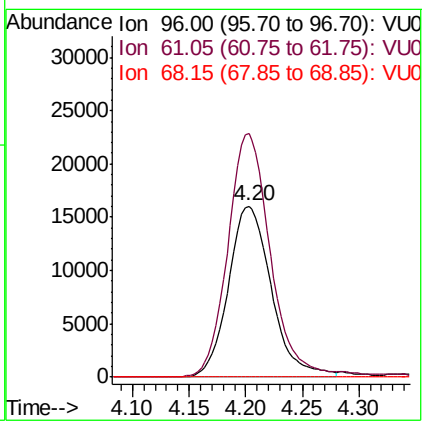


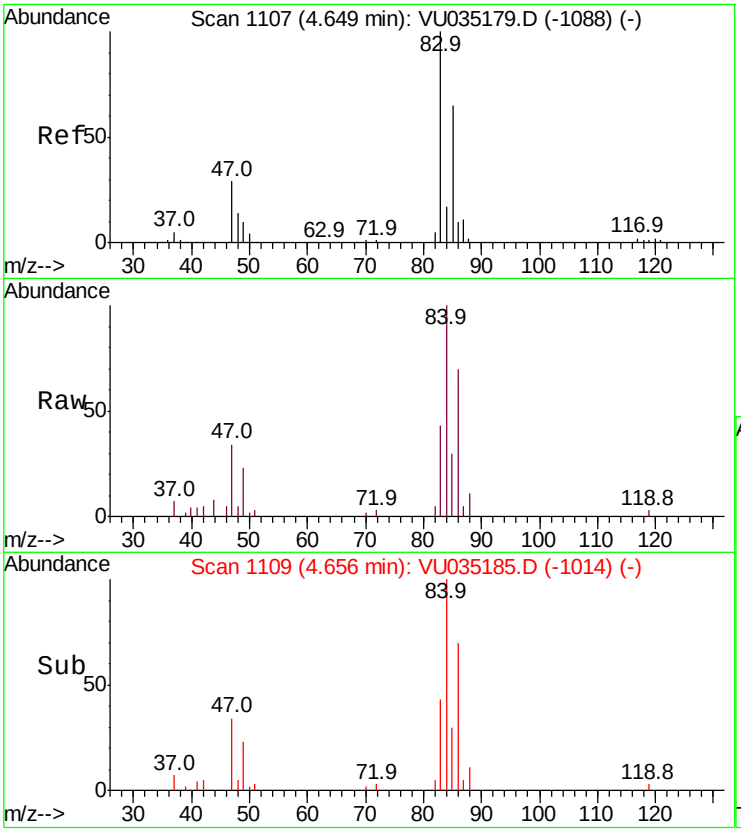


#22
cis-1,2-Dichloroethene
Concen: 3.461 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Tgt Ion: 96 Resp: 42372

Ion	Ratio	Lower	Upper
96	100		
61	142.2	89.2	165.6
68	0.0	0.0	0.0



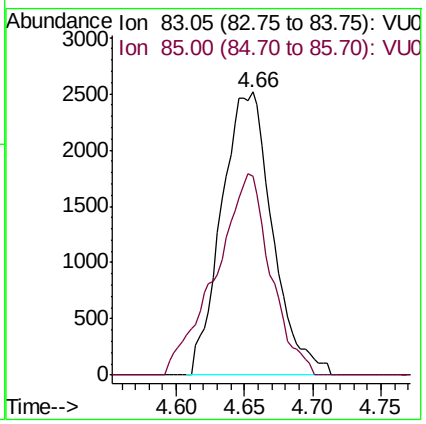


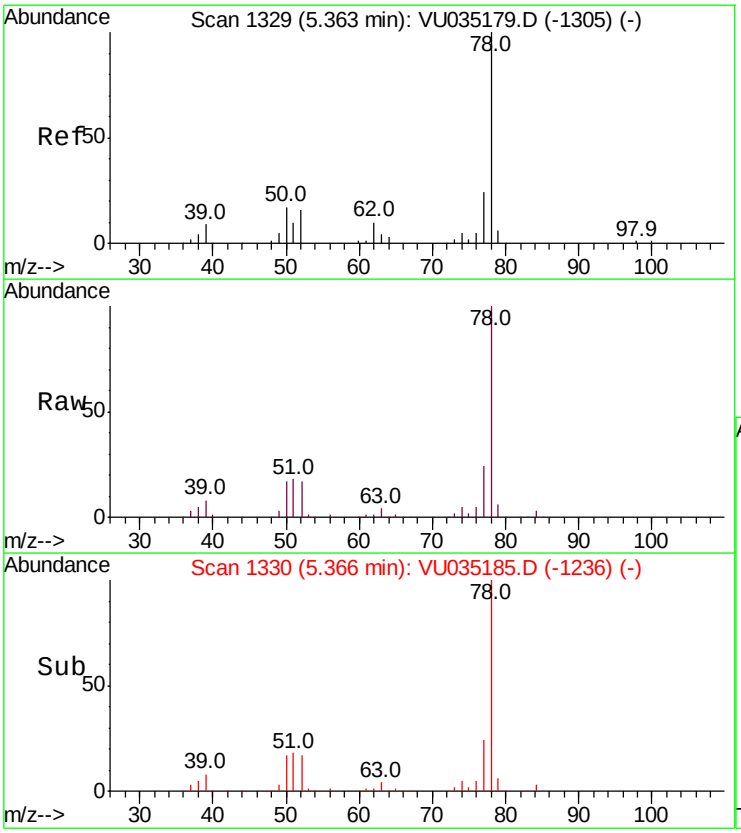
#25
Chloroform
Concen: 0.266 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 6523

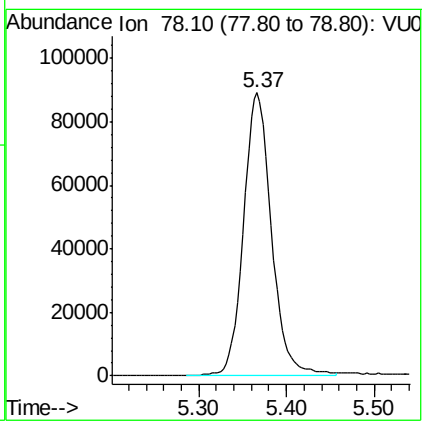
Ion	Ratio	Lower	Upper
83	100		
85	70.5	45.4	84.4

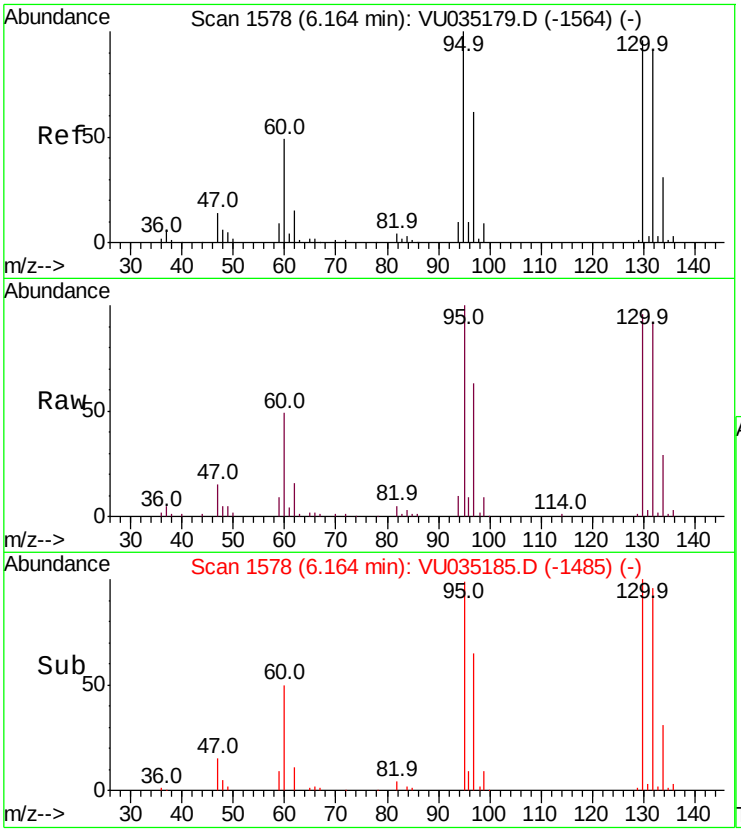




#33
Benzene
Concen: 4.012 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Tgt Ion: 78 Resp: 198338



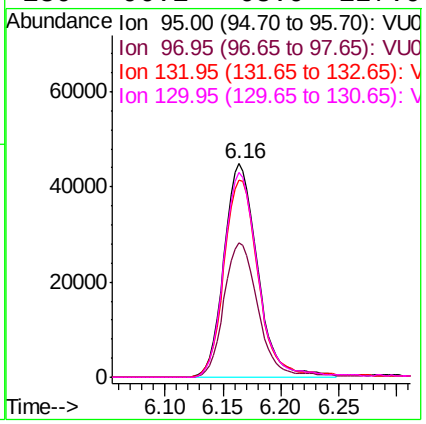


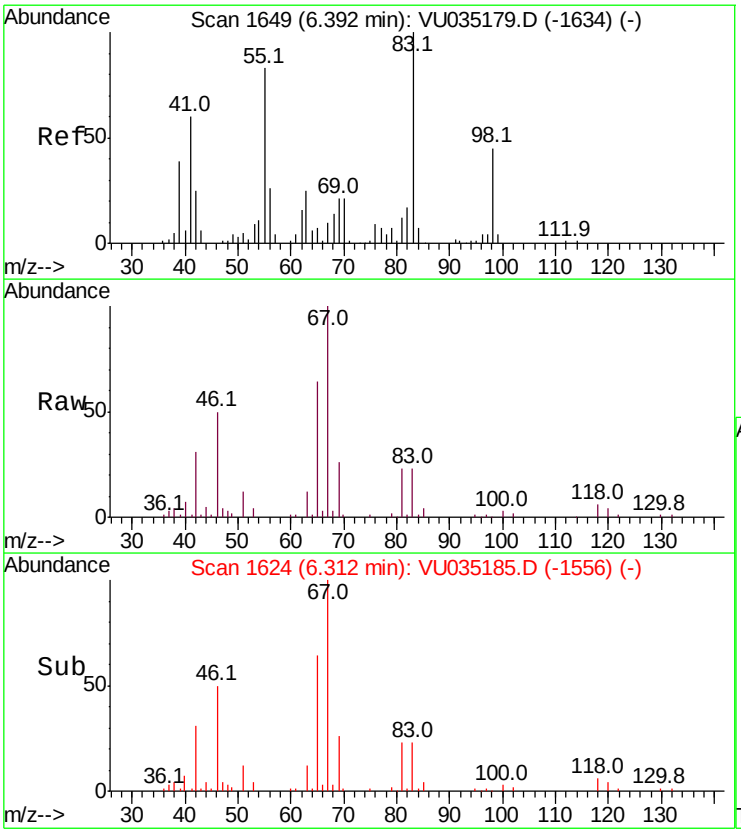
#34
Trichloroethene
Concen: 7.088 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 90369

Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.5	82.7
132	92.3	66.6	123.8
130	96.1	68.9	127.9

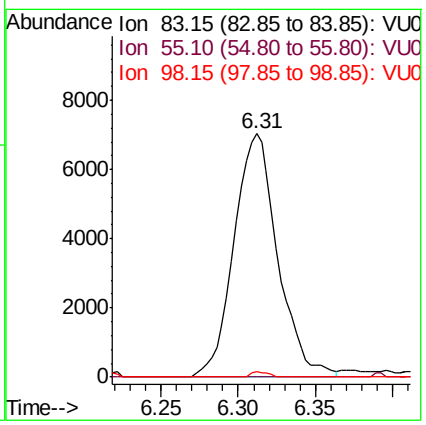


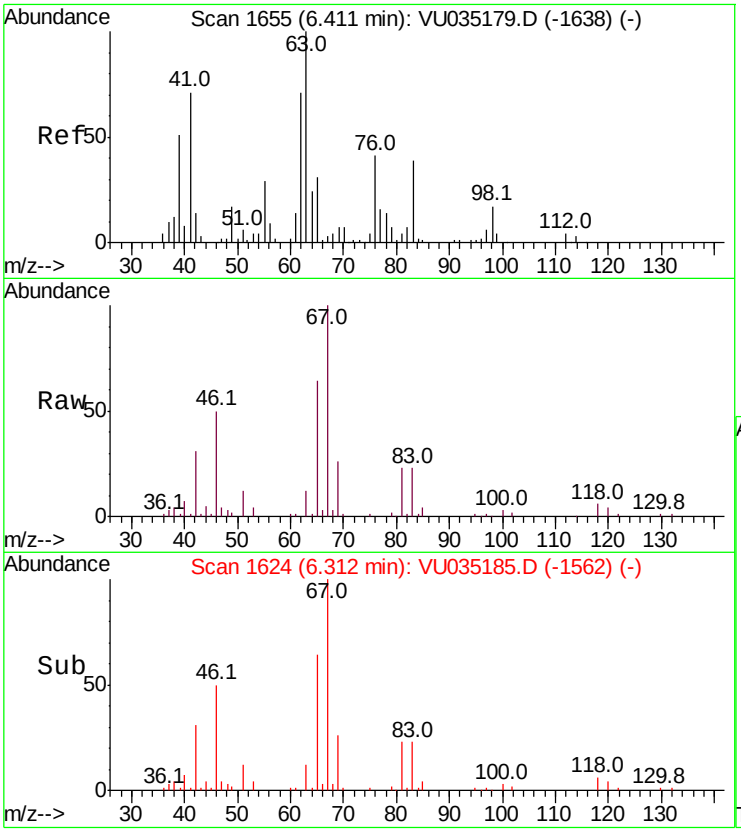


#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Tgt Ion: 83 Resp: 13819

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	0.9	36.2	54.2#



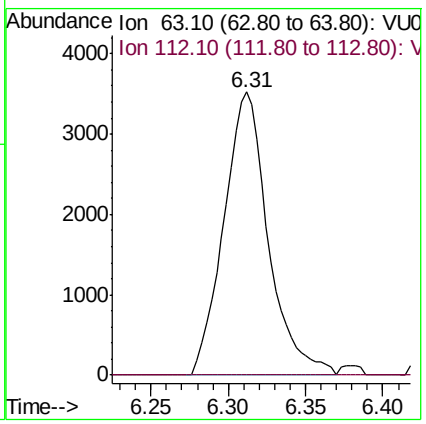


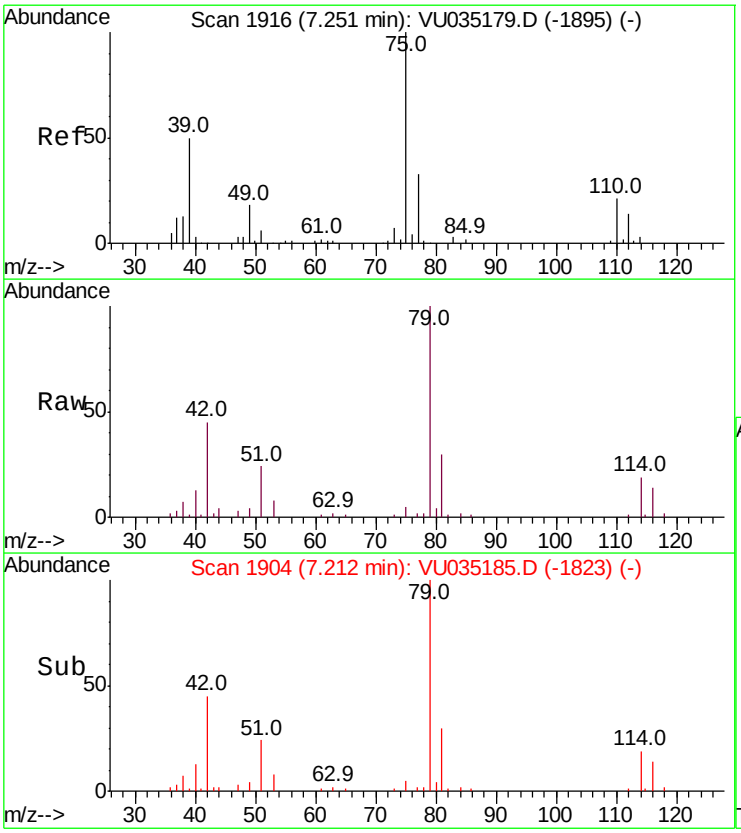
#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7015

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

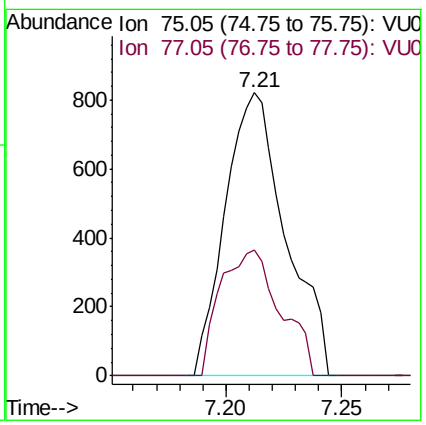


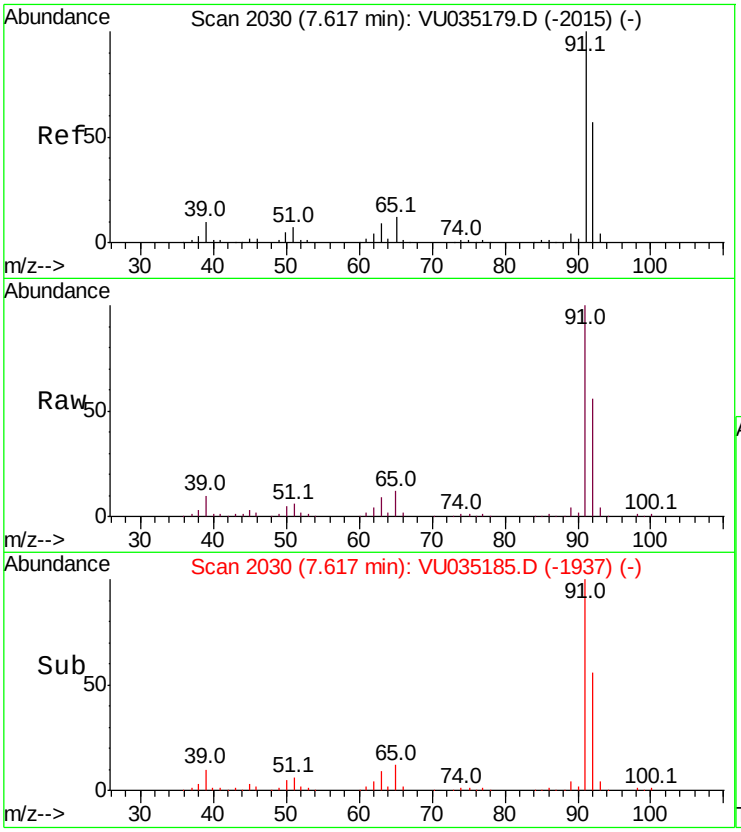


#39
cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.21 min Scan# 1904
Delta R.T. -0.04 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Tgt Ion: 75 Resp: 1490

Ion	Ratio	Lower	Upper
75	100		
77	44.5	22.1	41.1#



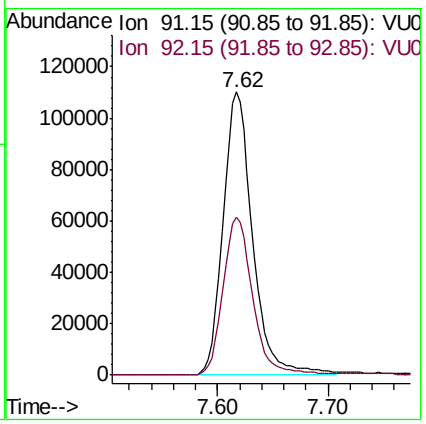


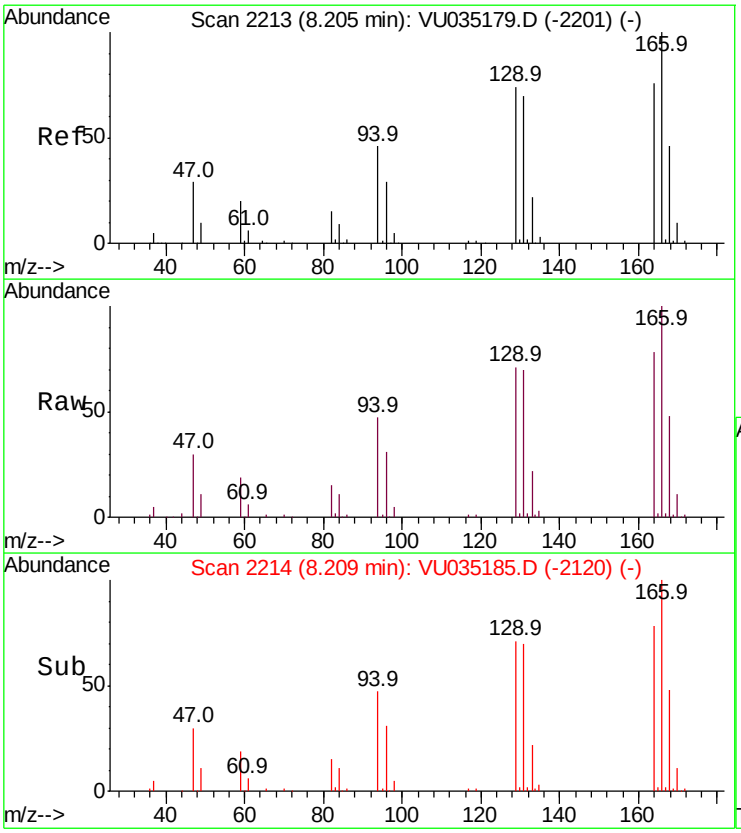
#42
Toluene
Concen: 3.963 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 204520

Ion	Ratio	Lower	Upper
91	100		
92	55.7	40.0	74.2

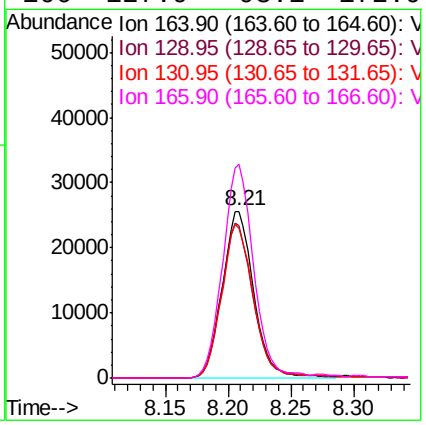


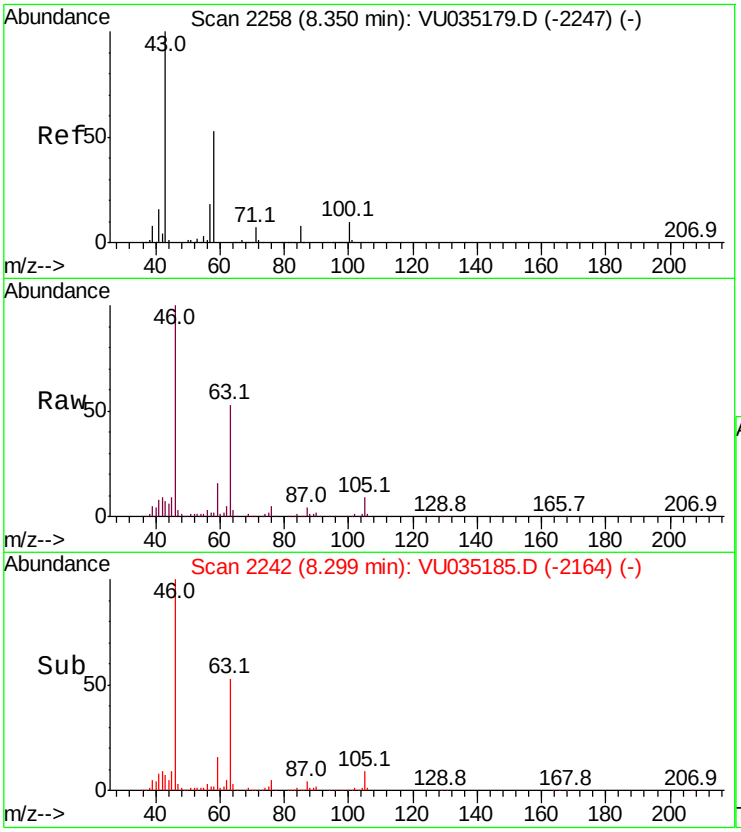


#47
Tetrachloroethene
Concen: 4.331 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Tgt Ion:164 Resp: 44699

Ion	Ratio	Lower	Upper
164	100		
129	91.2	68.5	127.1
131	90.0	67.3	124.9
166	127.9	93.1	172.9



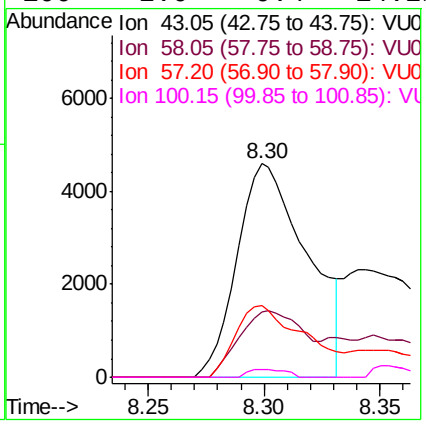


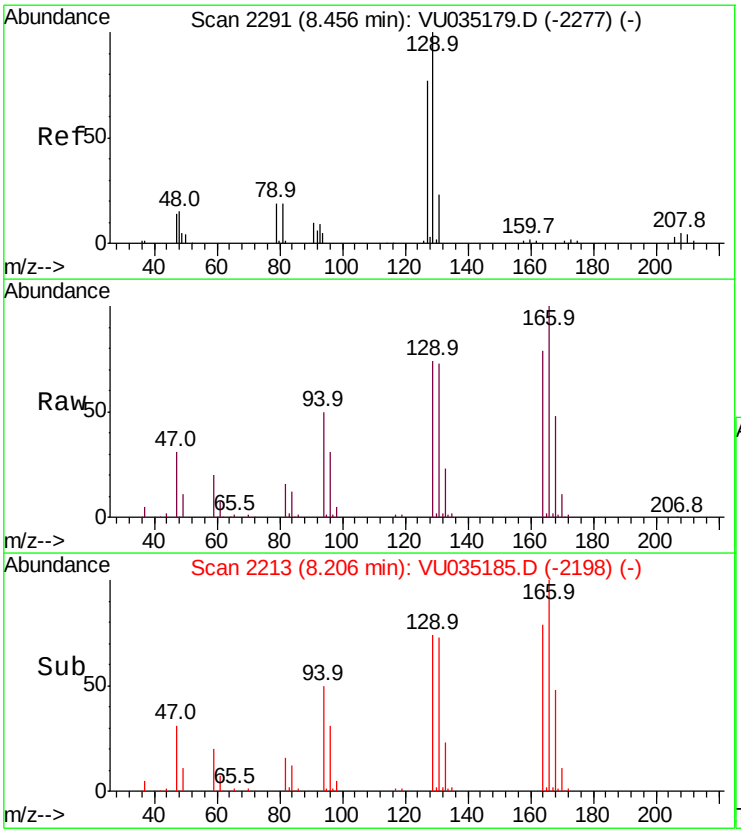
#48
2-Hexanone
Concen: 1.681 ug/L
RT: 8.30 min Scan# 2242
Delta R.T. -0.05 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 9675

Ion	Ratio	Lower	Upper
43	100		
58	29.4	44.1	66.1#
57	33.3	15.8	23.8#
100	2.0	9.4	14.2#

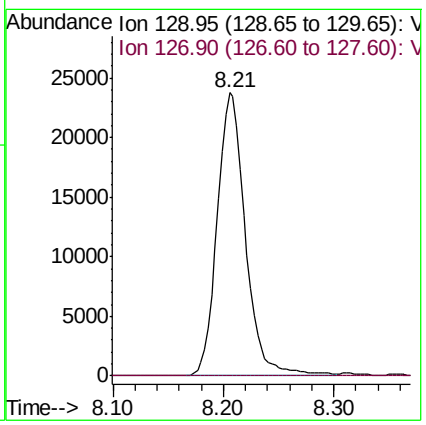


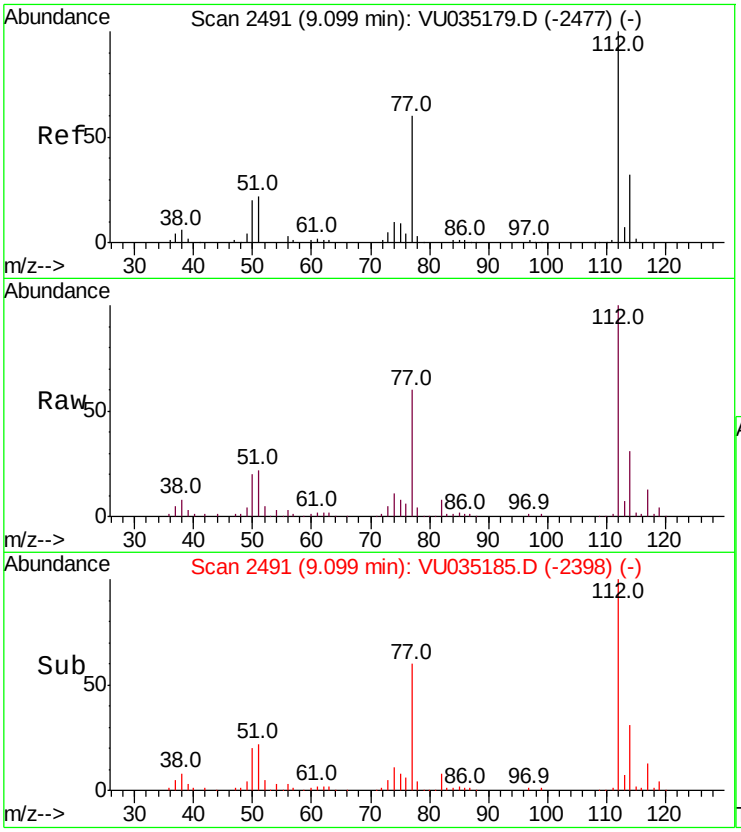


#49
Dibromochloromethane
Concen: 4.121 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Tgt Ion:129 Resp: 42180

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#



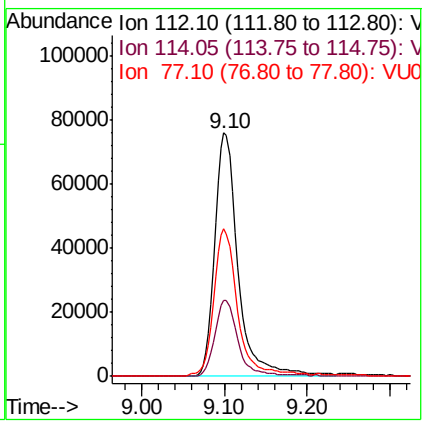


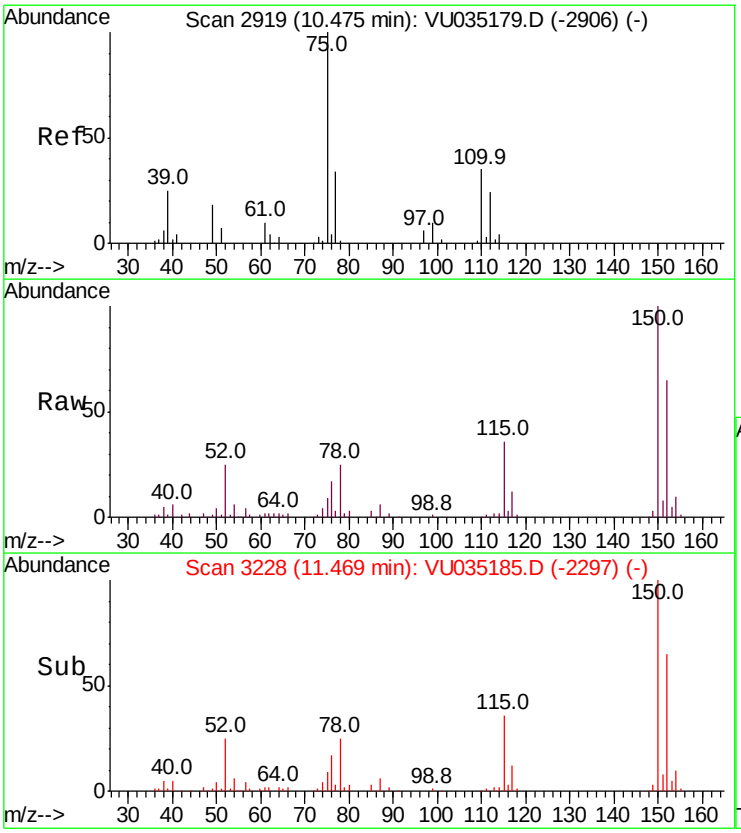
#51
Chlorobenzene
Concen: 4.416 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 147672

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.1	41.1
77	60.4	46.9	70.3





#59
1,2,3-Trichloropropane
Concen: 0.872 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU035185.D
Acq: 15 Oct 2019 12:19

Tgt Ion: 75 Resp: 7528

Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.5	39.7