Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\

Quantitation Report (Not Reviewed)

Data File : VU035098.D
Acq On : 11 Oct 2019 18:44
Operator : JC/SP
Sample : K5309-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OU2-MW-6-001-01

Quant Time: Oct 12 02:46:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	166017	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	171072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67989	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	56033	5.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.20%			
7) Chloroethane-d5	1.67	69	53007	5.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.80%			
11) 1,1-Dichloroethene-d2	2.26	63	81905	3.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.20%			
20) 2-Butanone-d5	4.18	46	165051	57.11	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.22%			
24) Chloroform-d	4.62	84	97839	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
26) 1,2-Dichloroethane-d4	5.29	65	58594	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
32) Benzene-d6	5.32	84	203034	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.31	67	71303	5.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.40%			
41) Toluene-d8	7.55	98	172097	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	7.84	79	21165	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.30	63	115674	50.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.78%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57554	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	63305	5.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2594	0.156	ug/L	87
5) Vinyl chloride	1.40	62	2392	0.146	ug/L #	54
13) Acetone	2.32	43	29578	12.496	ug/L	94
15) Methyl Acetate	2.73	43	996	0.158	ug/L #	53
18) trans-1,2-Dichloroethene	2.96	96	1747	0.153	ug/L #	72
21) 2-Butanone	4.28	43	3101	0.920	ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	186032	14.606	ug/L	91
25) Chloroform	4.65	83	7275	0.285	ug/L	90
34) Trichloroethene	6.16	95	22672	1.706	ug/L	98
35) Methylcyclohexane	6.31	83	15791	0.734	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7672	0.552	ug/L #	89
42) Toluene	7.62	91	12272	0.228	ug/L	98
47) Tetrachloroethene	8.21	164	2496	0.232	ug/L	91
49) Dibromochloromethane	8.21	129	2360	0.221	ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	9018	1.002	ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\

Quantitation Report (Not Reviewed)

Data File : VU035098.D
Acq On : 11 Oct 2019 18:44
Operator : JC/SP
Sample : K5309-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OU2-MW-6-001-01

Quant Time: Oct 12 02:46:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

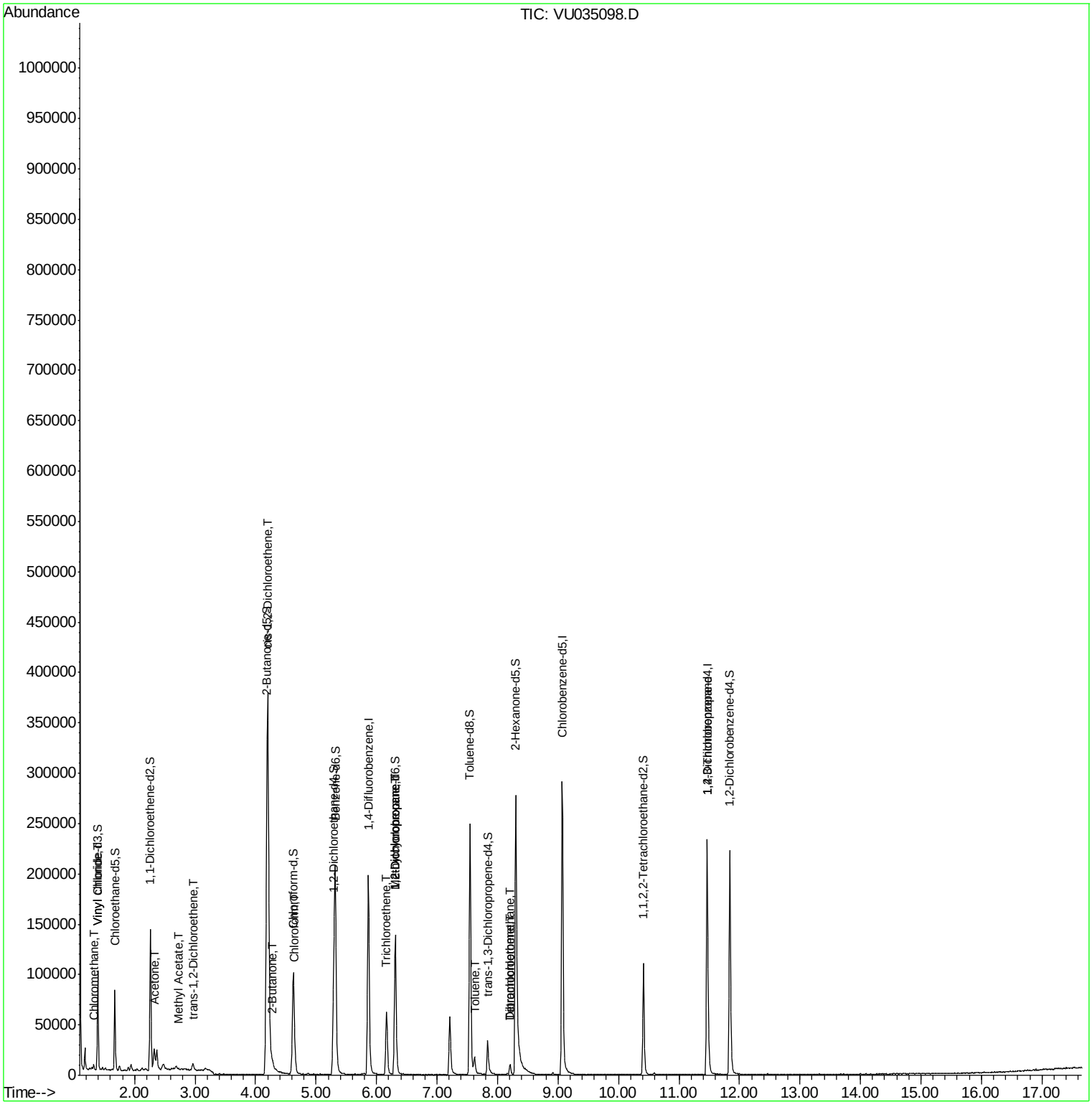
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\

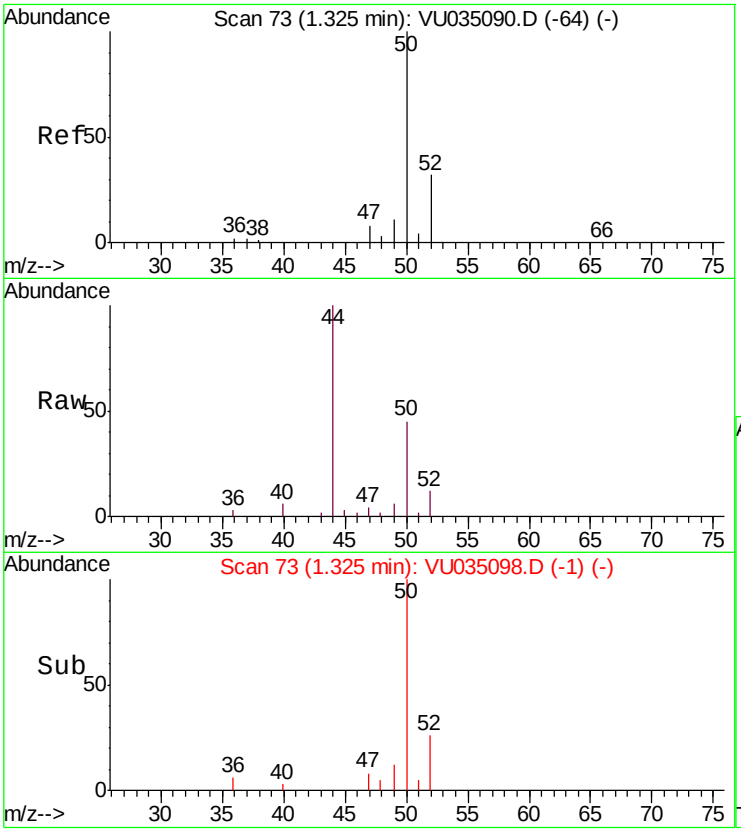
Quantitation Report (Not Reviewed)

Data File : VU035098.D
Acq On : 11 Oct 2019 18:44
Operator : JC/SP
Sample : K5309-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-6-001-01

Quant Time: Oct 12 02:46:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration



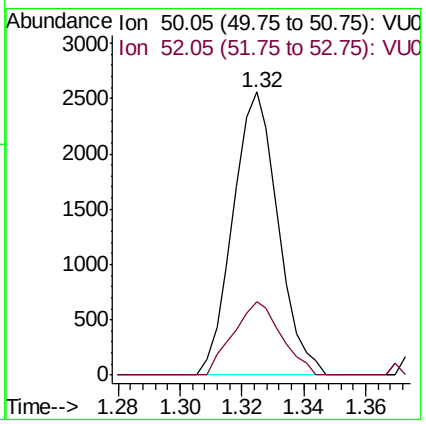


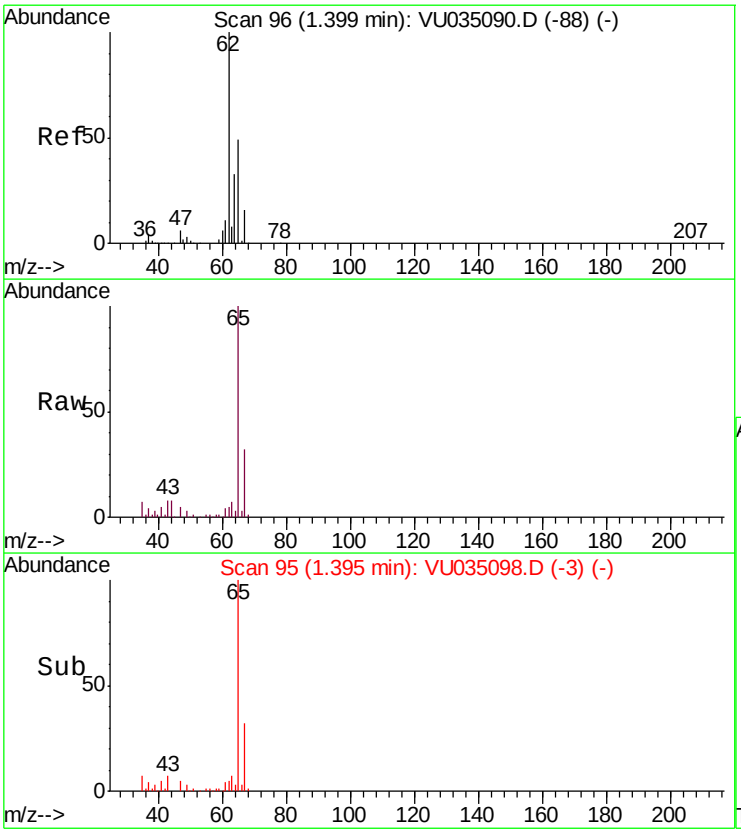
#3
Chloromethane
Concen: 0.156 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-6-001-01

Tgt Ion: 50 Resp: 2594

Ion	Ratio	Lower	Upper
50	100		
52	26.1	23.3	43.3

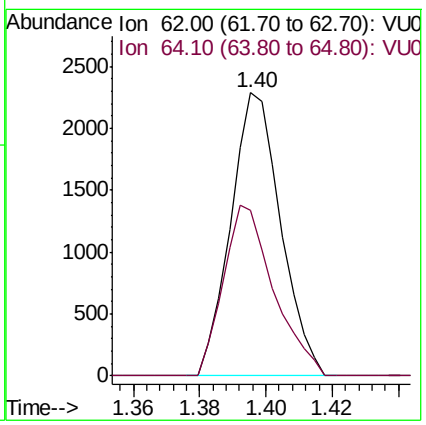


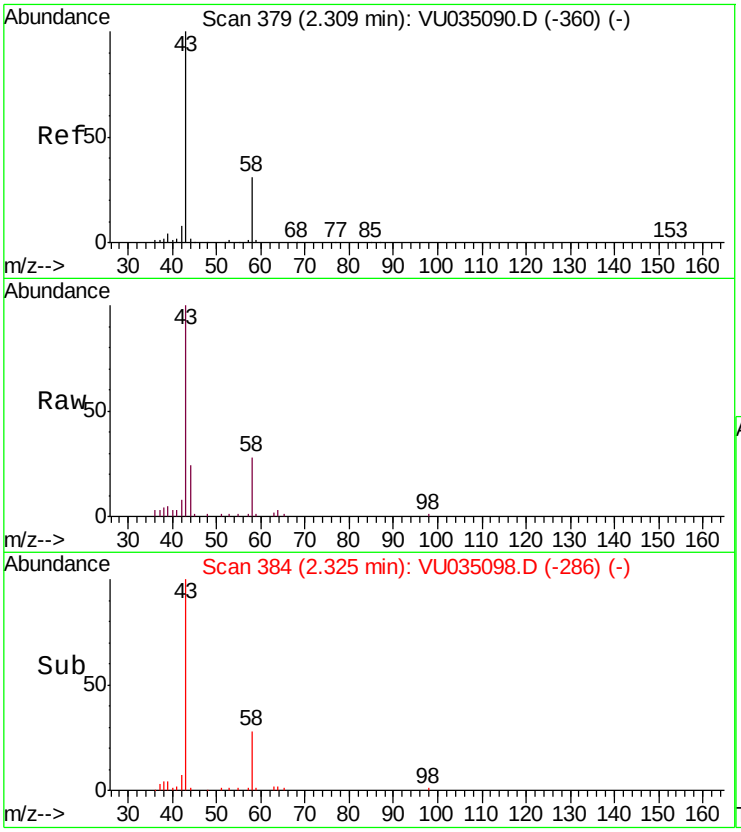


#5
Vinyl chloride
Concen: 0.146 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.00 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Tgt Ion: 62 Resp: 2392

Ion	Ratio	Lower	Upper
62	100		
64	58.7	22.8	42.4#



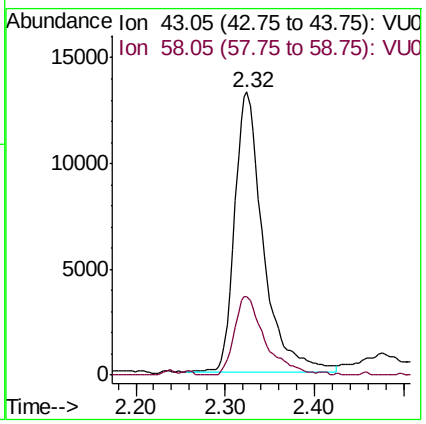


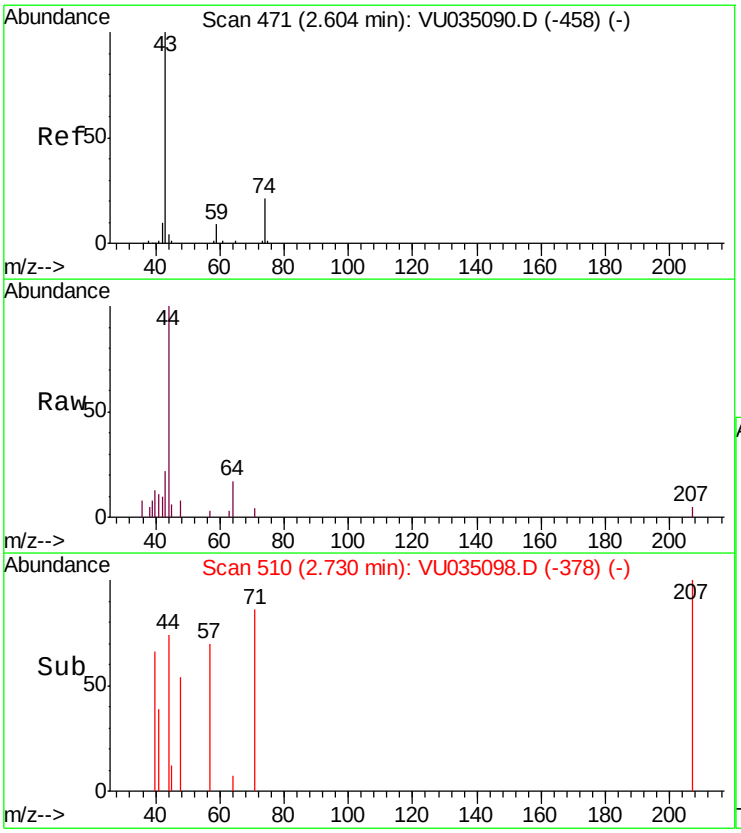
#13
Acetone
Concen: 12.496 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-6-001-01

Tgt Ion: 43 Resp: 29578

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	66.6

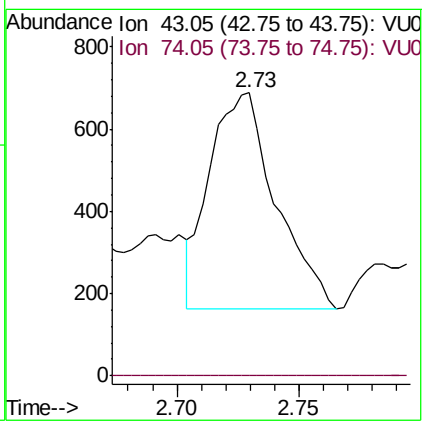


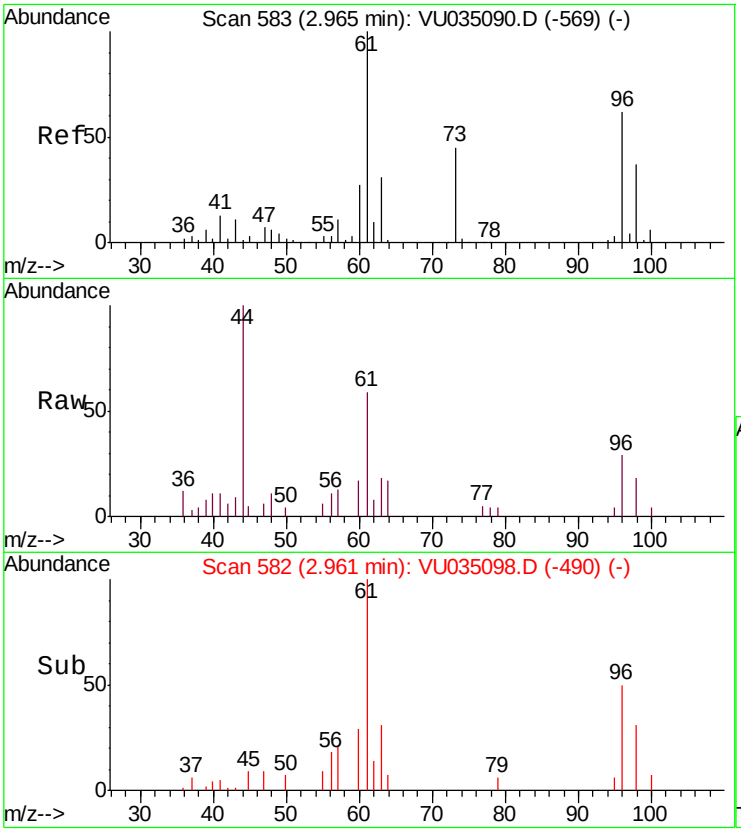


#15
Methyl Acetate
Concen: 0.158 ug/L
RT: 2.73 min Scan# 510
Delta R.T. 0.13 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Tgt Ion: 43 Resp: 996

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.8	26.8#



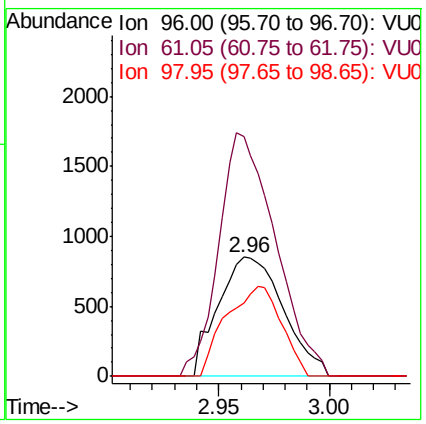


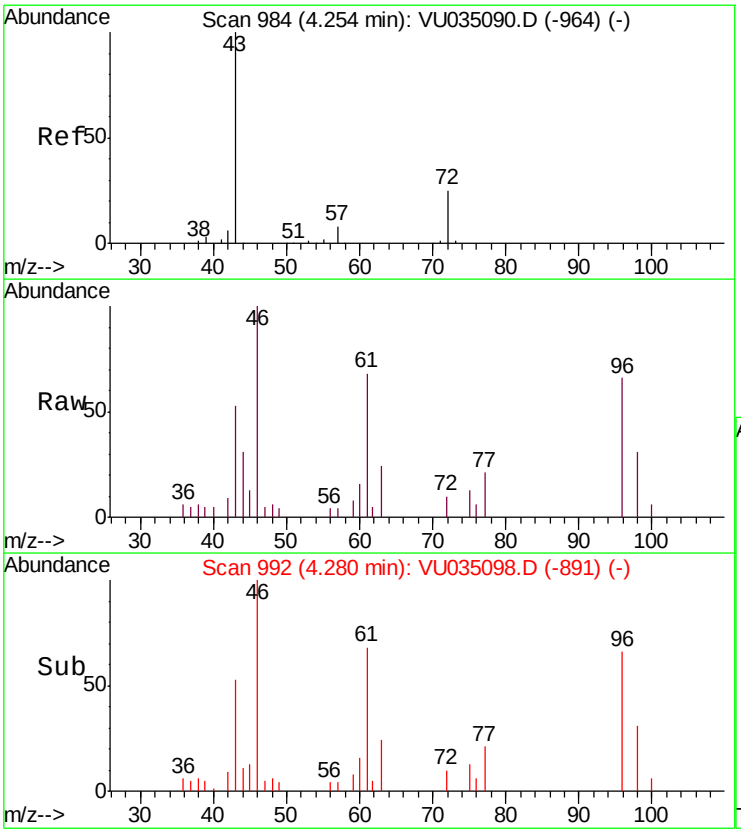
#18
trans-1,2-Dichloroethene
Concen: 0.153 ug/L
RT: 2.96 min Scan# 582
Delta R.T. -0.00 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-6-001-01

Tgt Ion: 96 Resp: 1747

Ion	Ratio	Lower	Upper
96	100		
61	201.5	107.1	198.9#
98	62.0	45.4	84.4

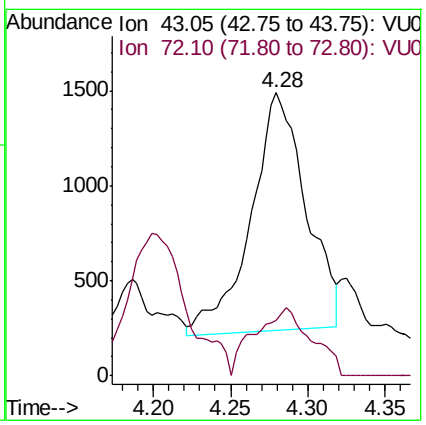


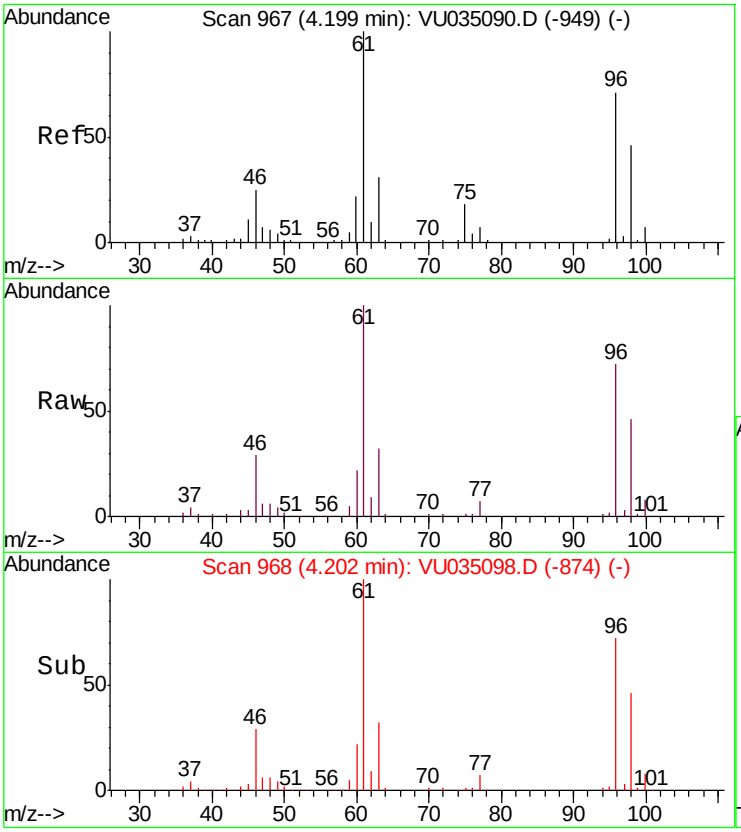


#21
2-Butanone
Concen: 0.920 ug/L
RT: 4.28 min Scan# 992
Delta R.T. 0.03 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Tgt Ion: 43 Resp: 3101

Ion	Ratio	Lower	Upper
43	100		
72	29.2	13.5	40.4



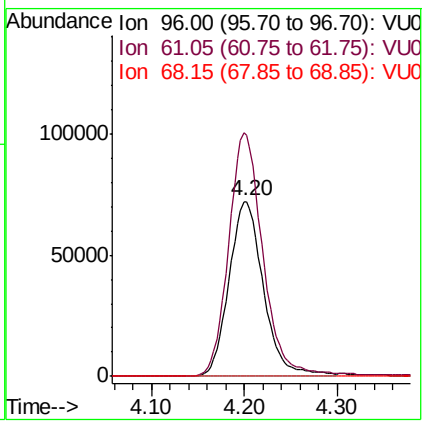


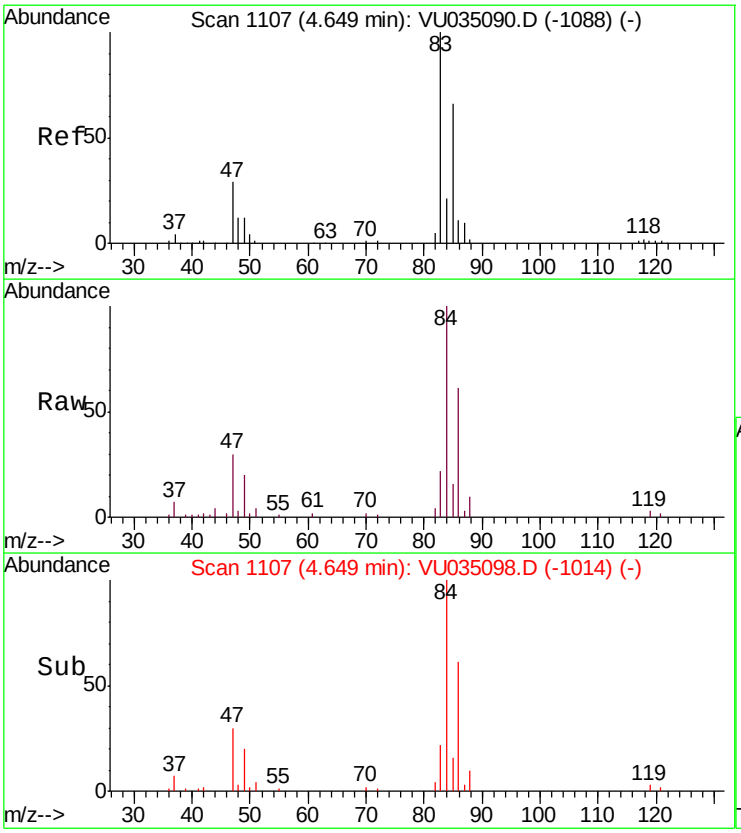
#22
cis-1,2-Dichloroethene
Concen: 14.606 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-6-001-01

Tgt Ion: 96 Resp: 186032

Ion	Ratio	Lower	Upper
96	100		
61	138.2	89.2	165.6
68	0.0	0.0	0.0

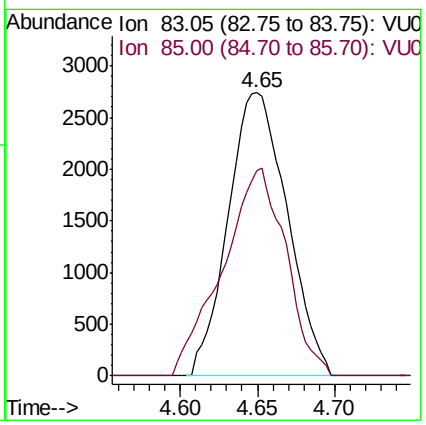


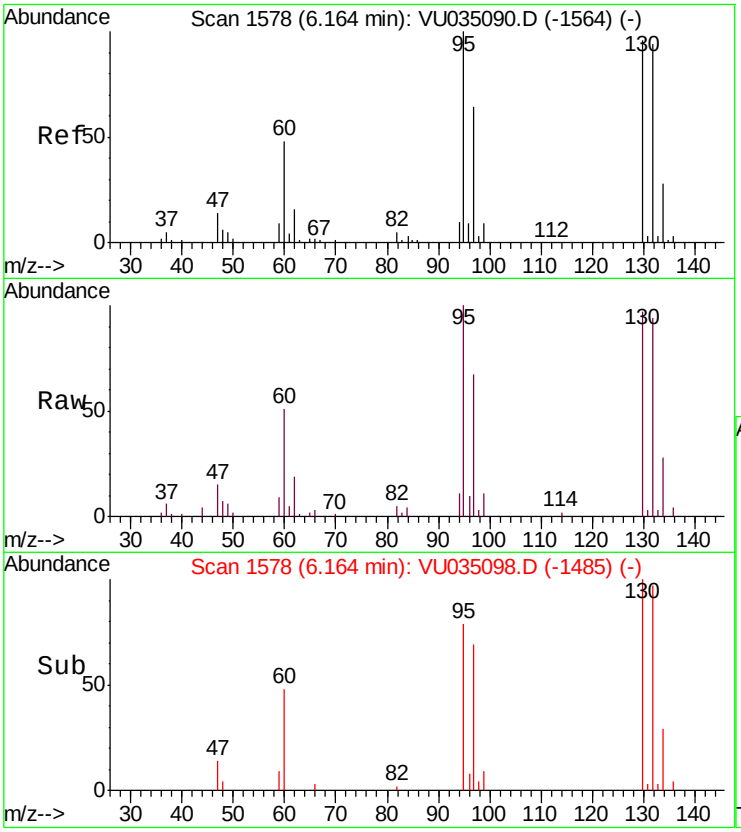


#25
Chloroform
Concen: 0.285 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Tgt Ion: 83 Resp: 7275

Ion	Ratio	Lower	Upper
83	100		
85	72.6	45.4	84.4



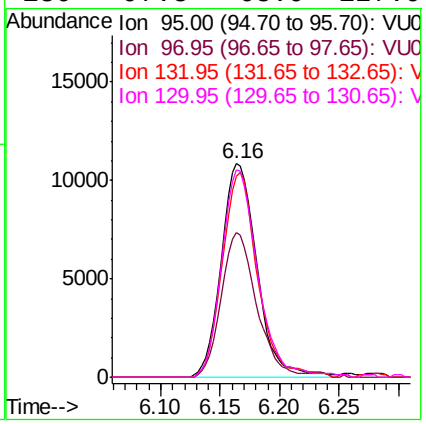


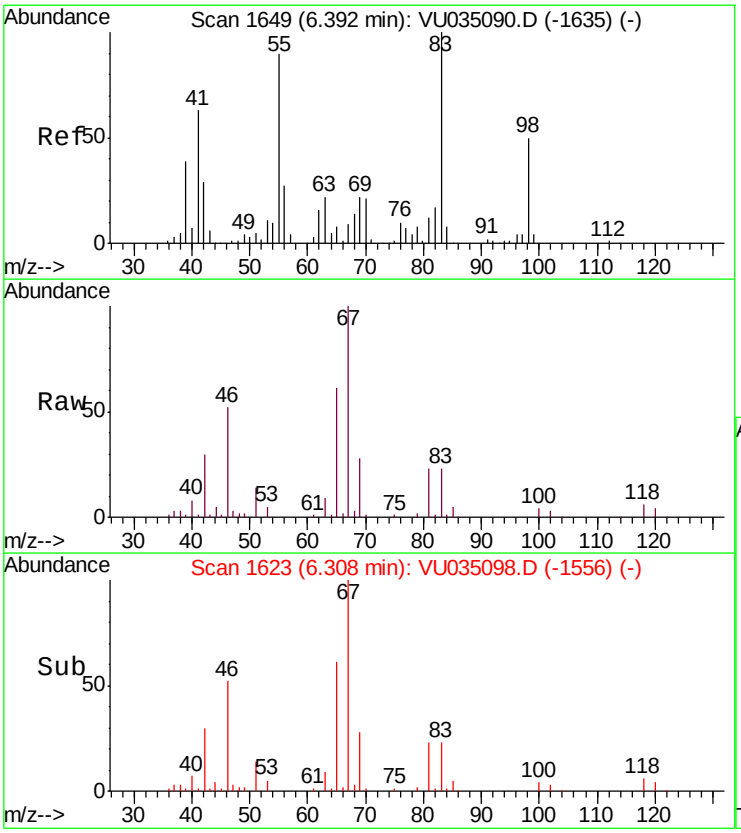
#34
Trichloroethene
Concen: 1.706 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-6-001-01

Tgt Ion: 95 Resp: 22672

Ion	Ratio	Lower	Upper
95	100		
97	67.5	44.5	82.7
132	94.3	66.6	123.8
130	97.3	68.9	127.9

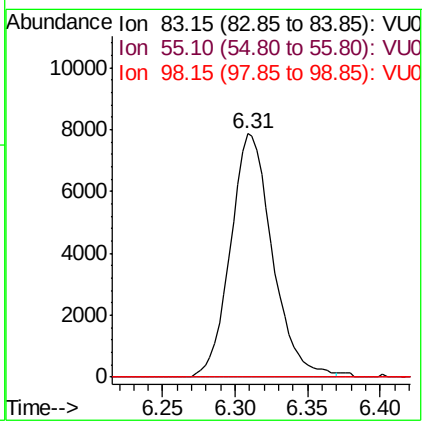


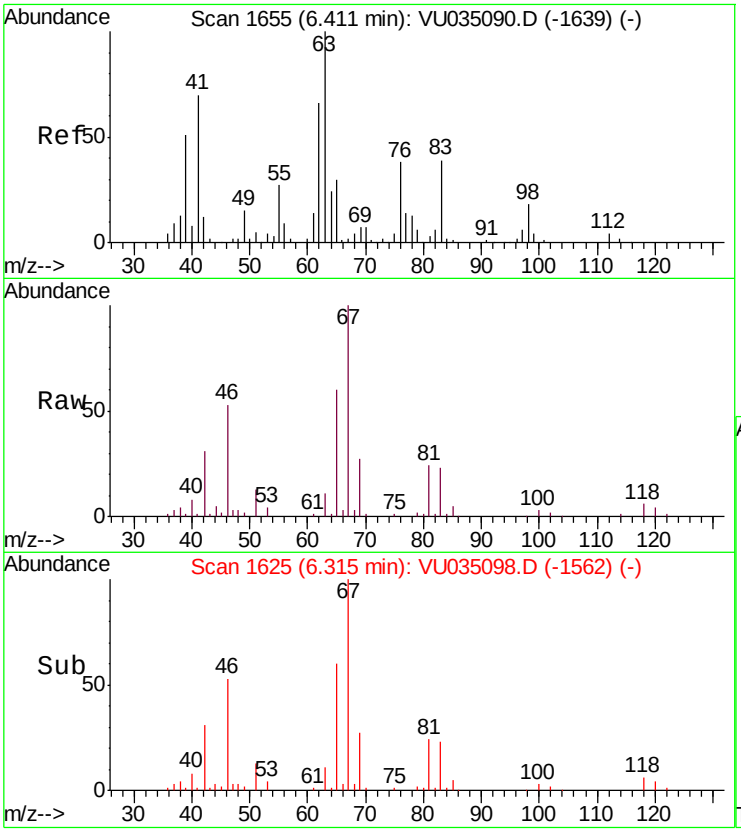


#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Tgt Ion: 83 Resp: 15791

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.7	36.2	54.2#



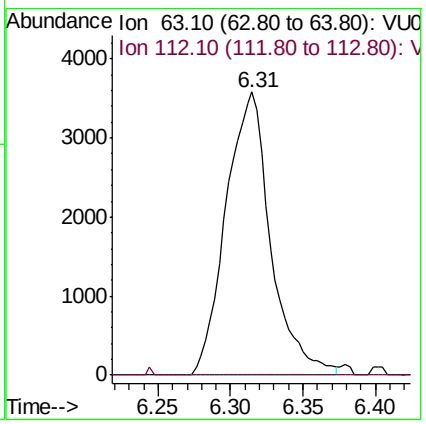


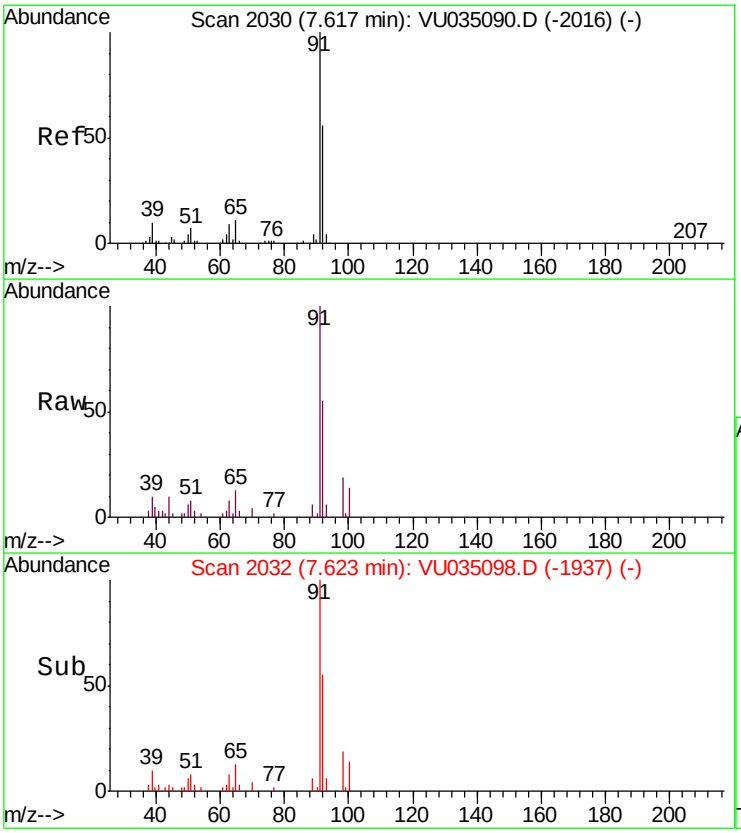
#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.31 min Scan# 1625
Delta R.T. -0.10 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-6-001-01

Tgt Ion: 63 Resp: 7672

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.1	4.7#

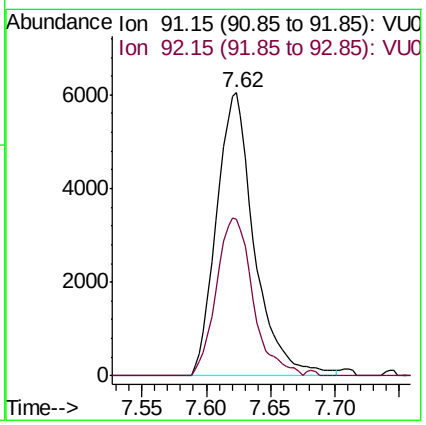


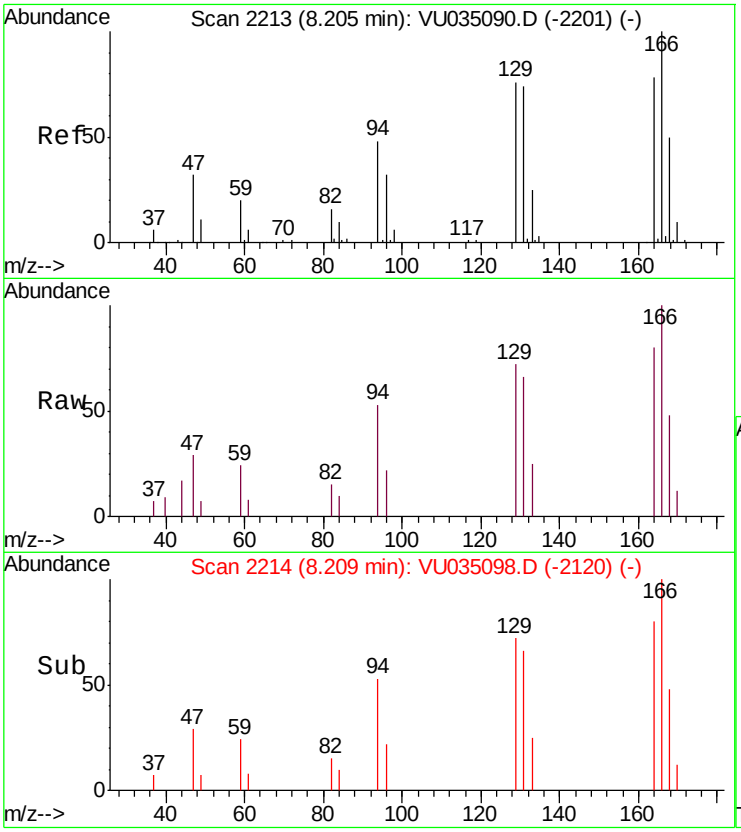


#42
Toluene
Concen: 0.228 ug/L
RT: 7.62 min Scan# 2032
Delta R.T. 0.01 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Tgt Ion: 91 Resp: 12272

Ion	Ratio	Lower	Upper
91	100		
92	55.3	40.0	74.2



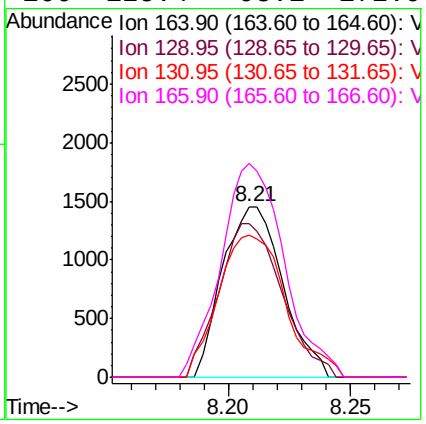


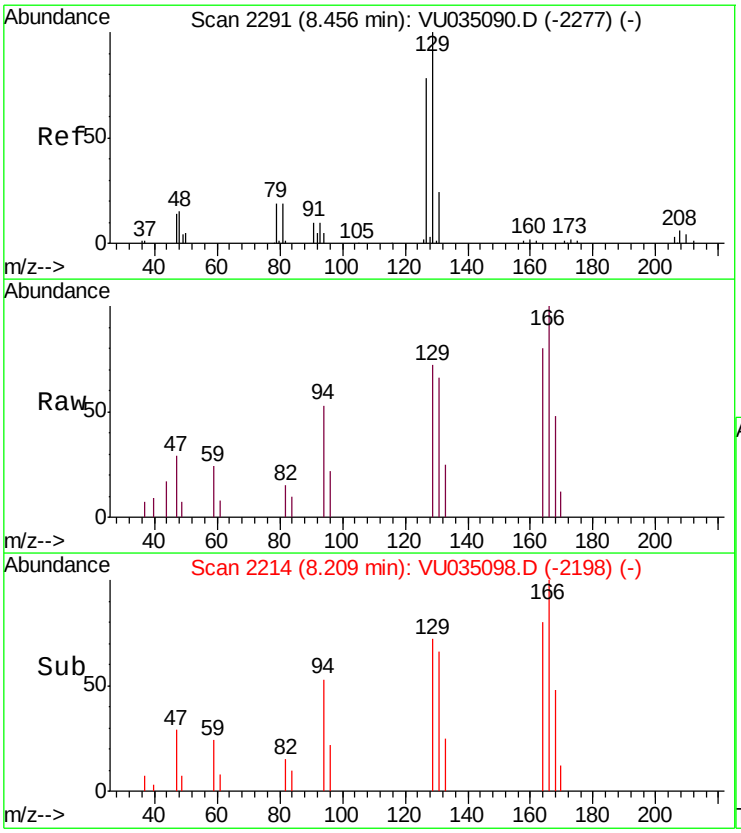
#47
Tetrachloroethene
Concen: 0.232 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Instrument : MSVOA_U
ClientSampleId : OU2-MW-6-001-01

Tgt Ion:164 Resp: 2496

Ion	Ratio	Lower	Upper
164	100		
129	90.5	68.5	127.1
131	83.3	67.3	124.9
166	125.4	93.1	172.9

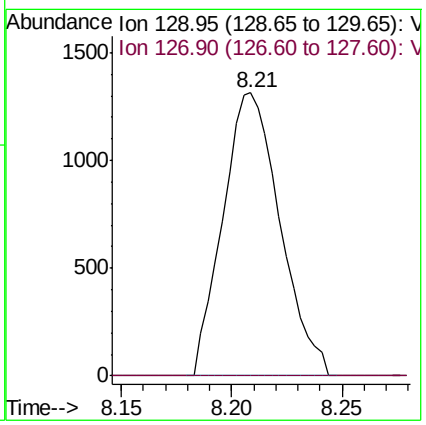


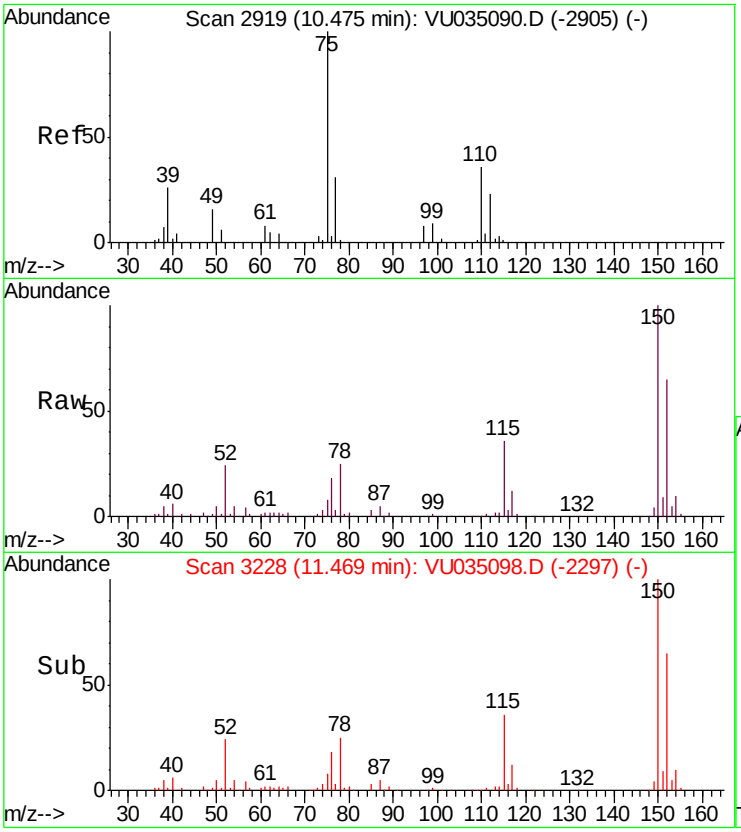


#49
Dibromochloromethane
Concen: 0.221 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Tgt Ion:129 Resp: 2360

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#





#59
1,2,3-Trichloropropane
Concen: 1.002 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU035098.D
Acq: 11 Oct 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-6-001-01

Tgt Ion: 75 Resp: 9018

Ion	Ratio	Lower	Upper
75	100		
77	38.4	26.5	39.7