Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101519\
Data File : VU035184.D
Acq On : 15 Oct 2019 11:55
Operator : JC/SP
Sample : K5311-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 15 15:17:18 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	158858	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163570	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61434	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	41989	4.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.40%			
7) Chloroethane-d5	1.67	69	41925	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.26	63	82517	4.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.40%			
20) 2-Butanone-d5	4.18	46	149008	53.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.76%			
24) Chloroform-d	4.62	84	85096	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.29	65	52008	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.32	84	164675	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
36) 1,2-Dichloropropane-d6	6.31	67	61821	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.55	98	137240	3.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.00%			
43) trans-1,3-Dichloropropene-	7.84	79	18971	4.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.20%			
46) 2-Hexanone-d5	8.30	63	101389	46.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.40%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52722	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	48933	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	7455	0.514	ug/L	92
3) Chloromethane	1.32	50	4948	0.311	ug/L	99
12) 1,1-Dichloroethene	2.27	96	36436	3.571	ug/L	89
13) Acetone	2.32	43	6392	2.822	ug/L	94
16) Methylene chloride	2.69	84	900	0.071	ug/L #	65
17) Methyl tert-butyl Ether	2.99	73	7273	0.261	ug/L #	92
22) cis-1,2-Dichloroethene	4.20	96	41433	3.400	ug/L	86
25) Chloroform	4.65	83	6974	0.286	ug/L	96
27) 1,2-Dichloroethane	5.37	62	1885	0.132	ug/L #	77
33) Benzene	5.37	78	192876	3.915	ug/L	100
34) Trichloroethene	6.16	95	88794	6.988	ug/L	98
35) Methylcyclohexane	6.31	83	13199	0.641	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7003	0.527	ug/L #	88
42) Toluene	7.62	91	200936	3.907	ug/L	97
47) Tetrachloroethene	8.21	164	42388	4.121	ug/L	94
49) Dibromochloromethane	8.21	129	40136	3.935	ug/L #	12
51) Chlorobenzene	9.10	112	141136	4.235	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101519\
Data File : VU035184.D
Acq On : 15 Oct 2019 11:55
Operator : JC/SP
Sample : K5311-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 15 15:17:18 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	7886	0.917	ug/L	96

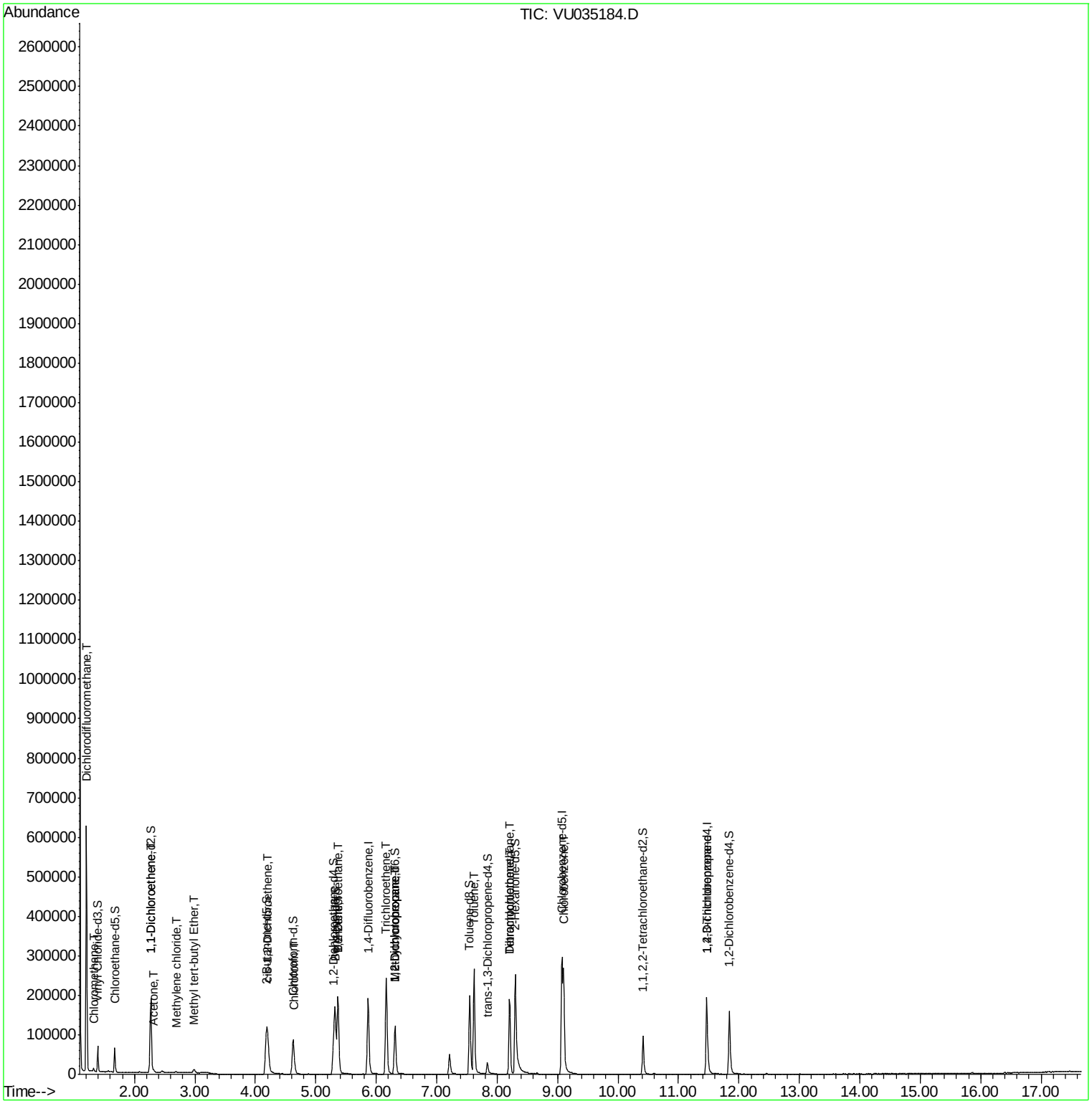
(#) = qualifier out of range (m) = manual integration (+) = signals summed

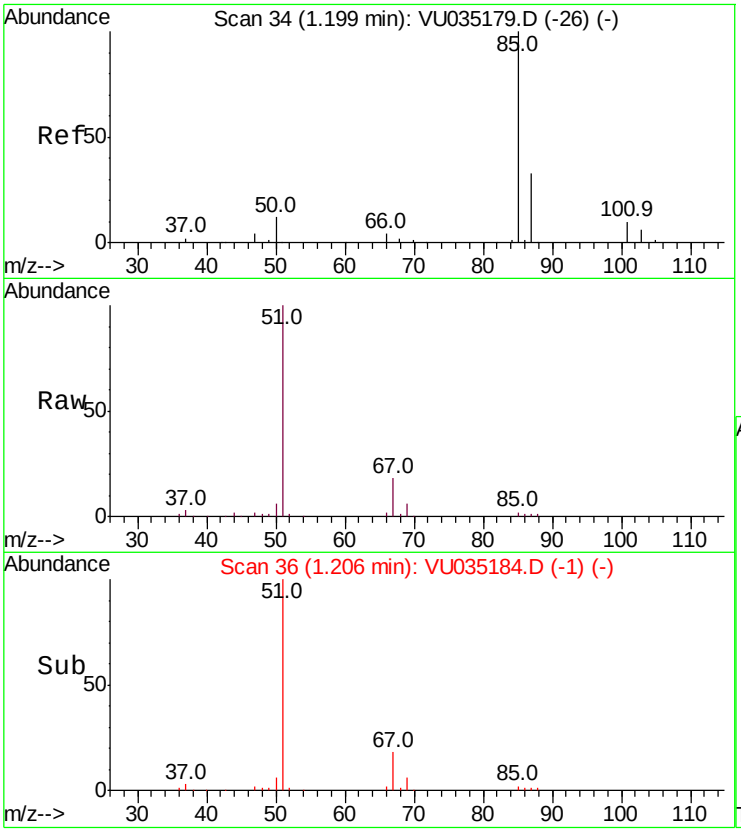
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101519\
Data File : VU035184.D
Acq On : 15 Oct 2019 11:55
Operator : JC/SP
Sample : K5311-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 15 15:17:18 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



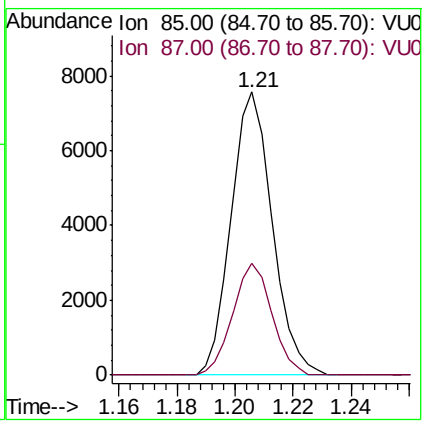


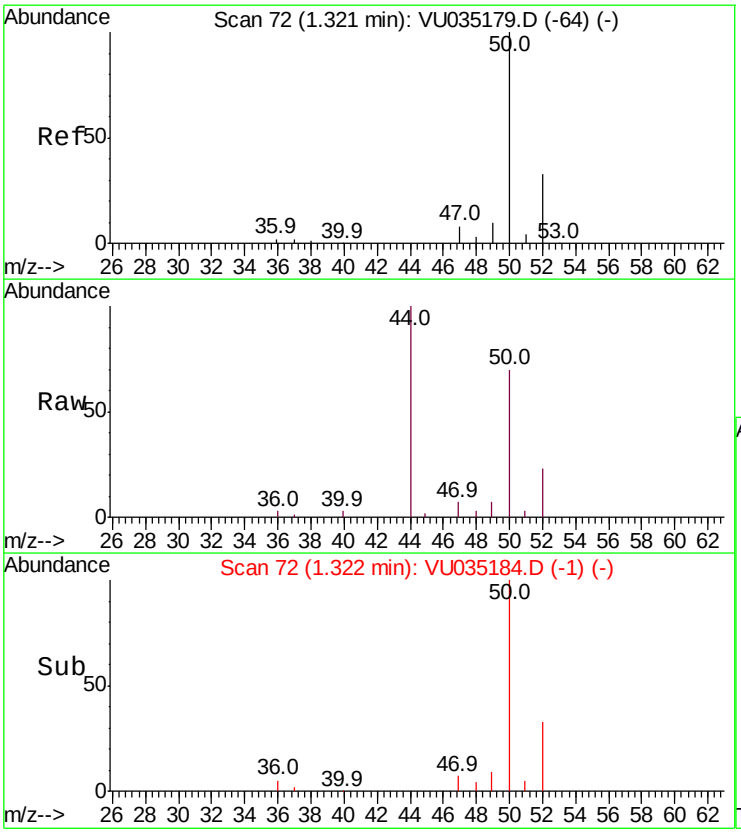
#2
Dichlorodifluoromethane
Concen: 0.514 ug/L
RT: 1.21 min Scan# 36
Delta R.T. 0.01 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 7455

Ion	Ratio	Lower	Upper
85	100		
87	37.6	26.3	39.5

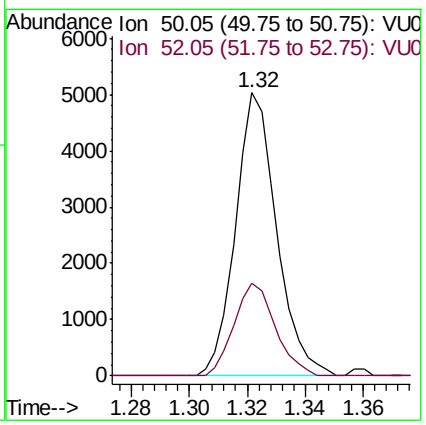


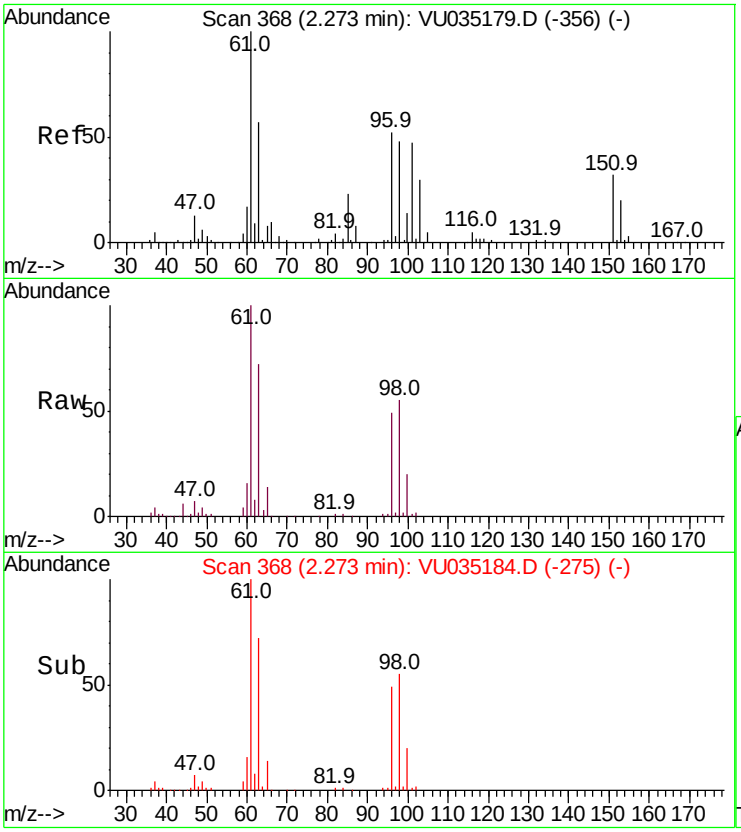


#3
Chloromethane
Concen: 0.311 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Tgt Ion: 50 Resp: 4948

Ion	Ratio	Lower	Upper
50	100		
52	32.7	23.3	43.3



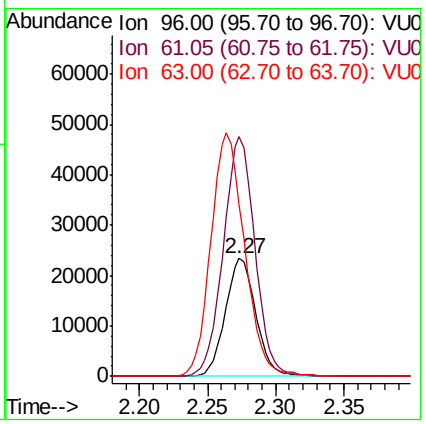


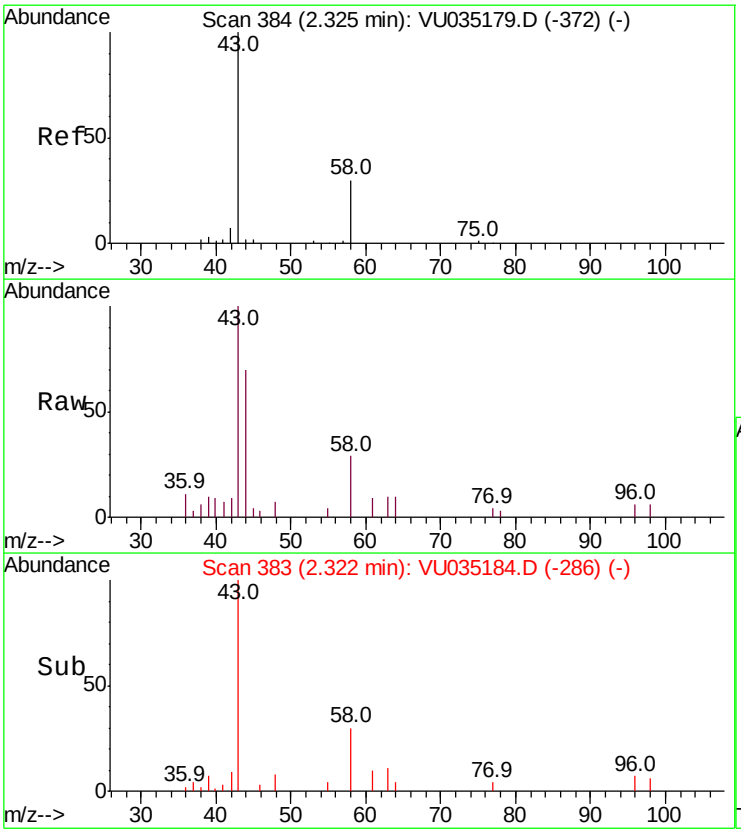
#12
1,1-Dichloroethene
Concen: 3.571 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 36436

Ion	Ratio	Lower	Upper
96	100		
61	204.0	129.3	240.1
63	146.2	108.9	202.3

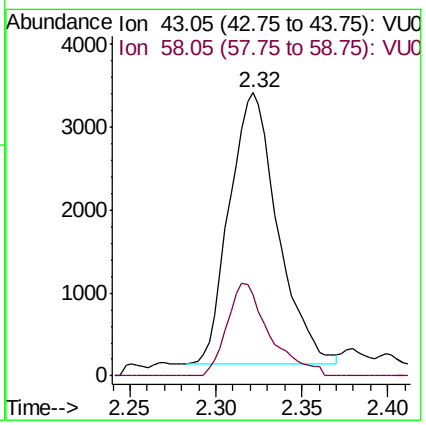


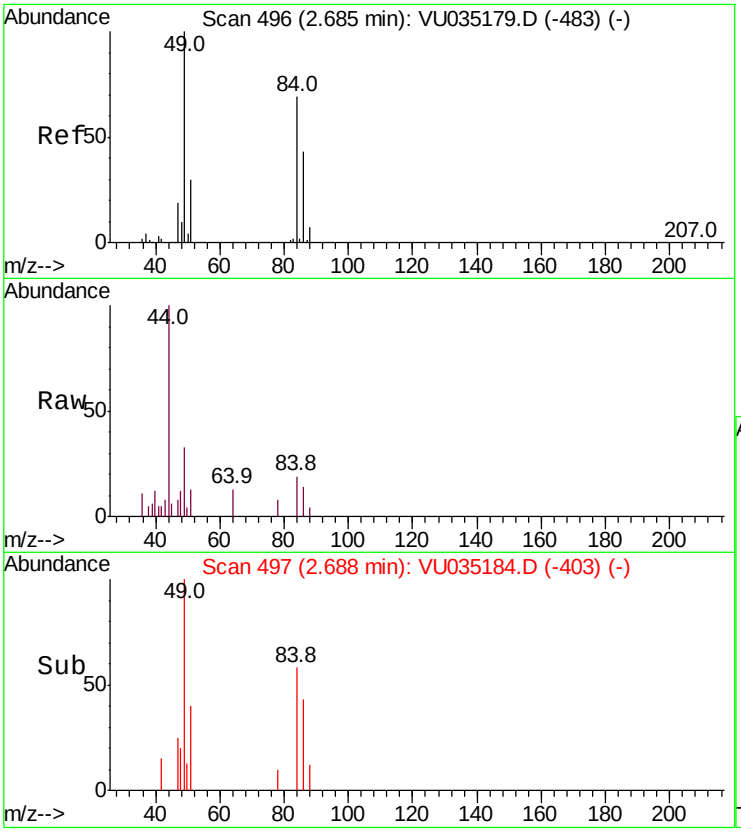


#13
Acetone
Concen: 2.822 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Tgt Ion: 43 Resp: 6392

Ion	Ratio	Lower	Upper
43	100		
58	30.1	0.0	66.6



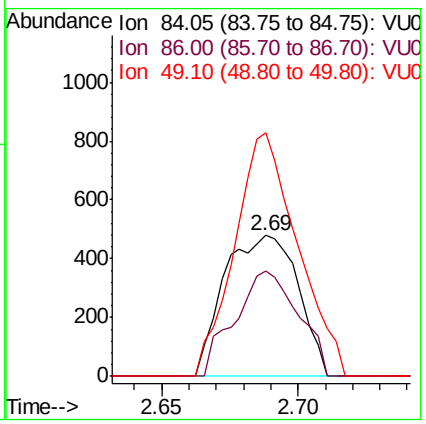


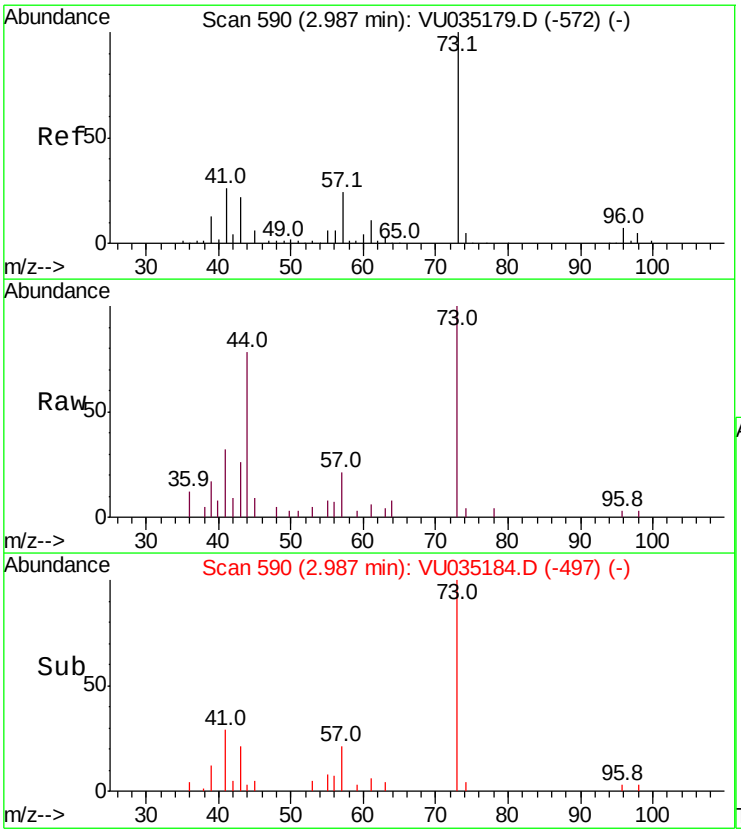
#16
Methylene chloride
Concen: 0.071 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 900

Ion	Ratio	Lower	Upper
84	100		
86	74.7	42.5	78.9
49	172.9	86.9	161.3#

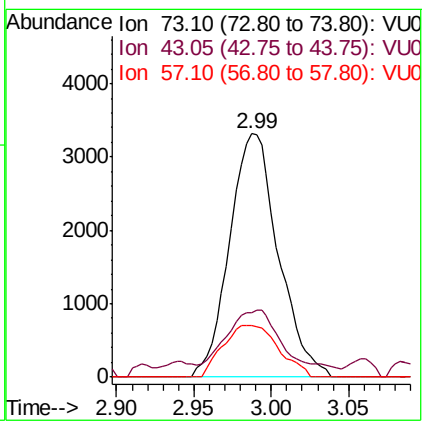


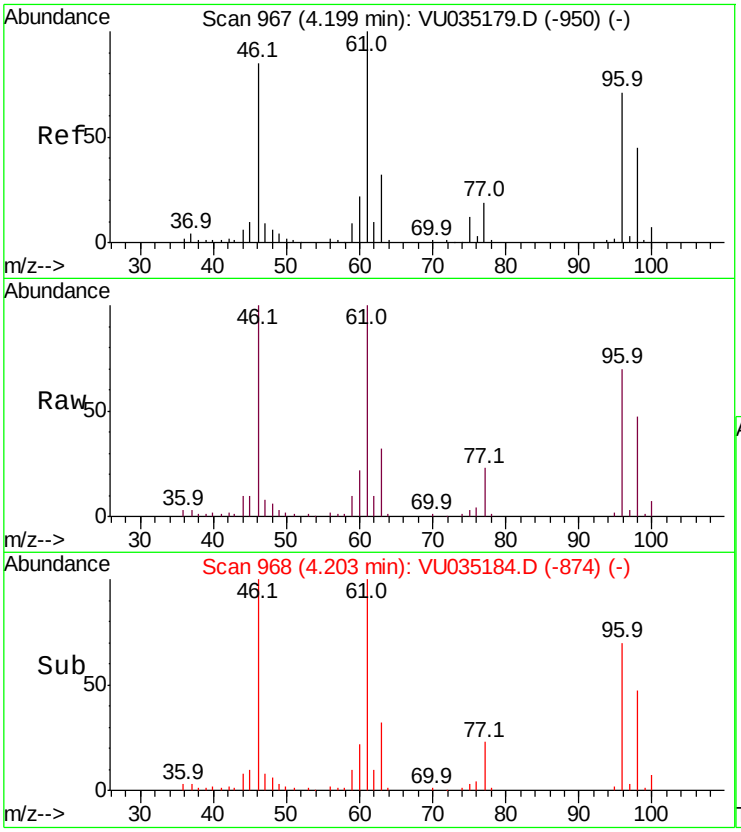


#17
Methyl tert-butyl Ether
Concen: 0.261 ug/L
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Tgt Ion: 73 Resp: 7273

Ion	Ratio	Lower	Upper
73	100		
43	27.7	16.3	24.5#
57	24.1	18.6	28.0



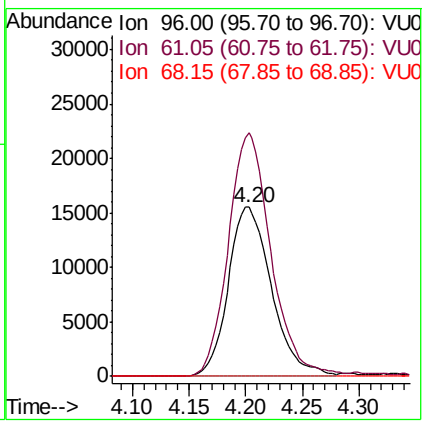


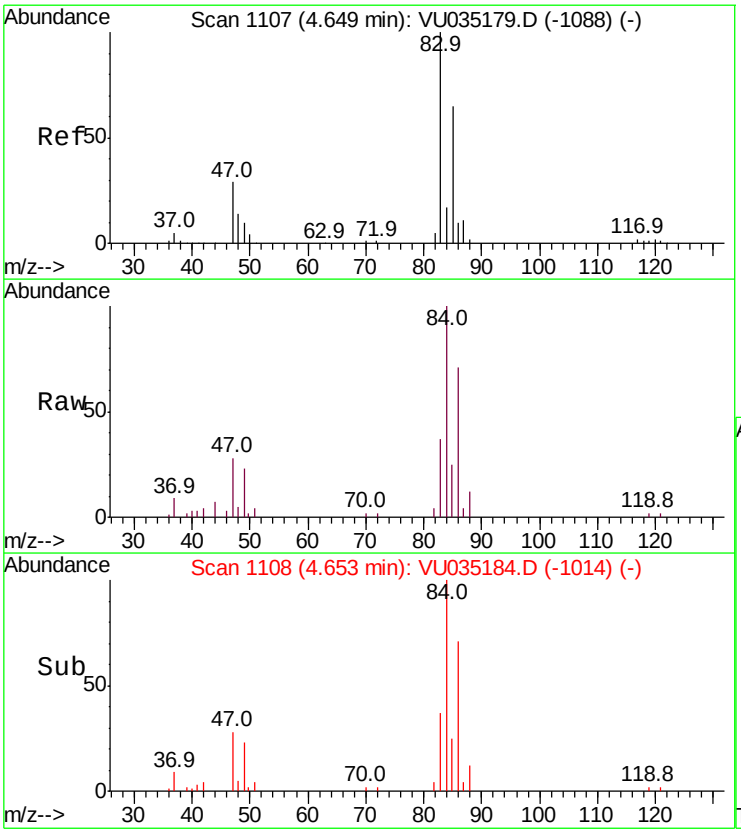
#22
cis-1,2-Dichloroethene
Concen: 3.400 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 41433

Ion	Ratio	Lower	Upper
96	100		
61	143.9	89.2	165.6
68	0.0	0.0	0.0

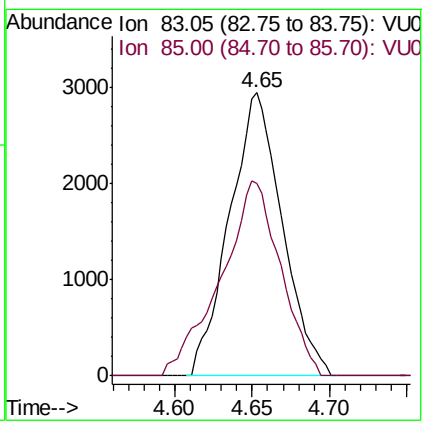


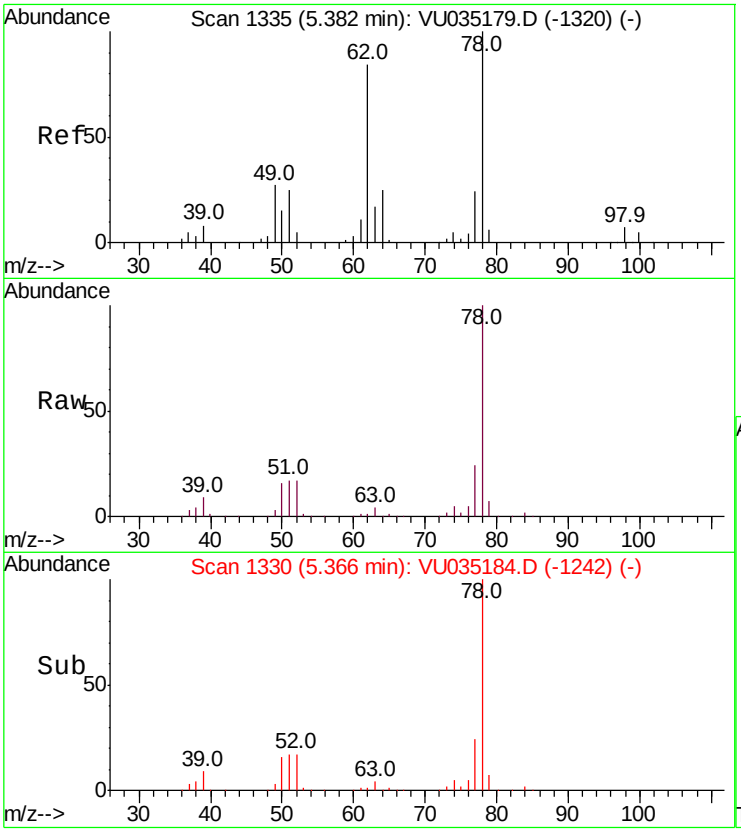


#25
Chloroform
Concen: 0.286 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Tgt Ion: 83 Resp: 6974

Ion	Ratio	Lower	Upper
83	100		
85	68.2	45.4	84.4



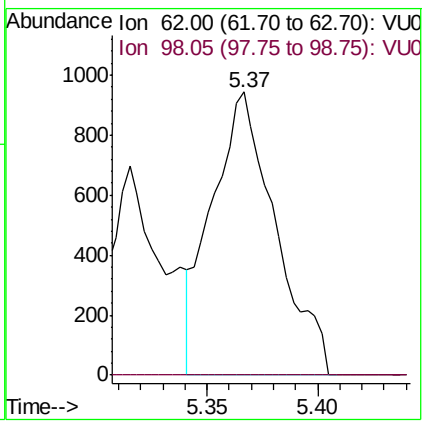


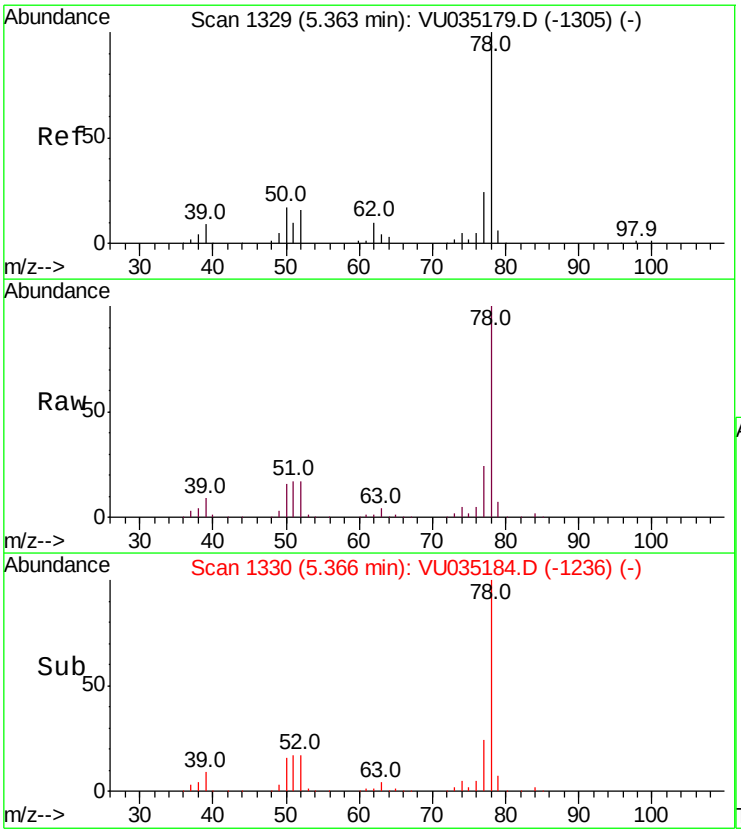
#27
1,2-Dichloroethane
Concen: 0.132 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1885

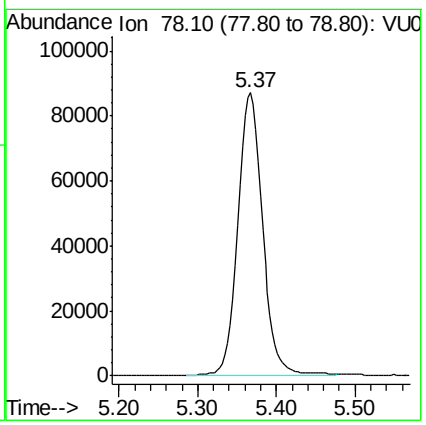
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

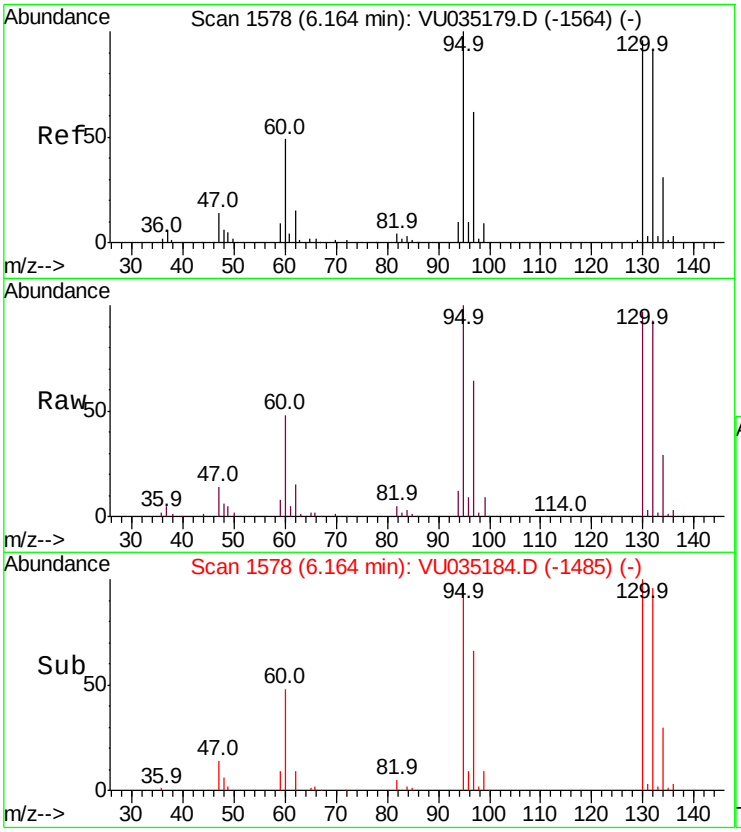




#33
Benzene
Concen: 3.915 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Tgt Ion: 78 Resp: 192876



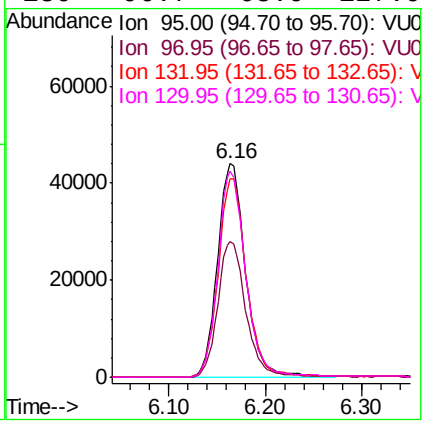


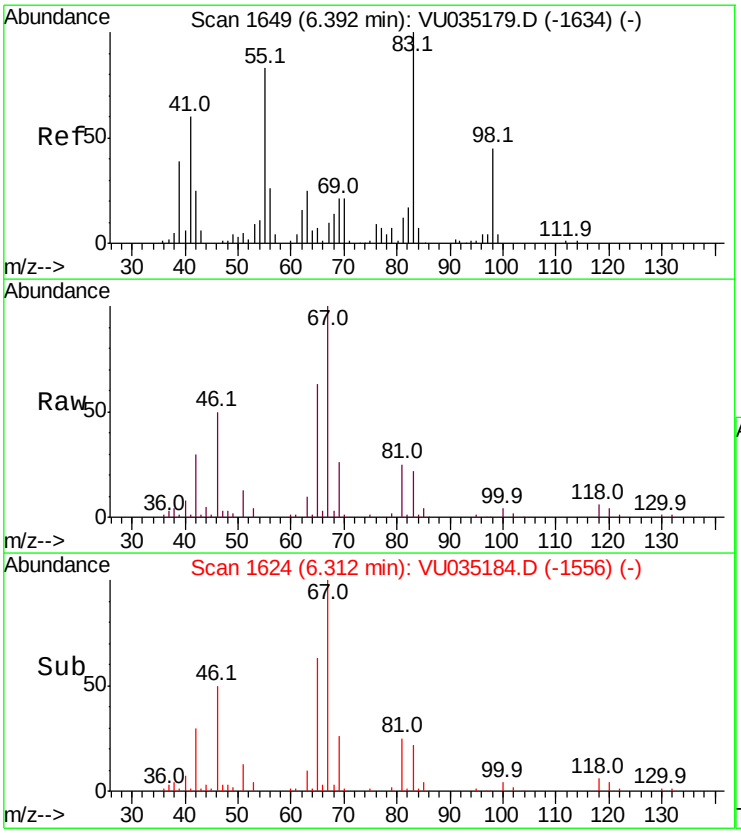
#34
Trichloroethene
Concen: 6.988 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 88794

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.5	82.7
132	92.9	66.6	123.8
130	96.7	68.9	127.9

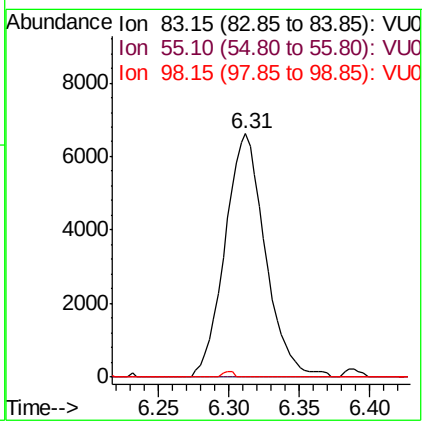


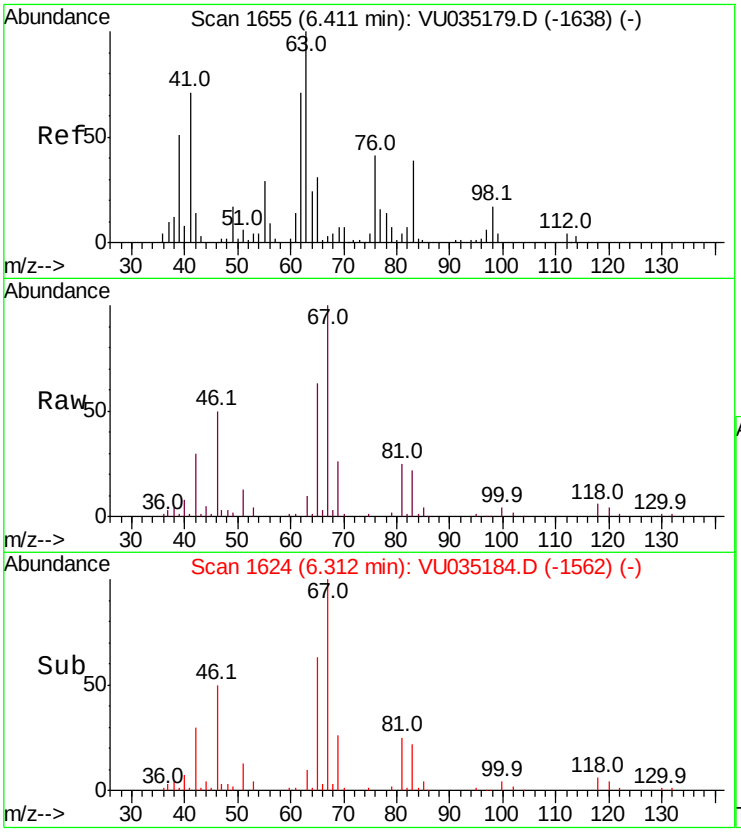


#35
Methylcyclohexane
Concen: 0.641 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Tgt Ion: 83 Resp: 13199

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.6	36.2	54.2#



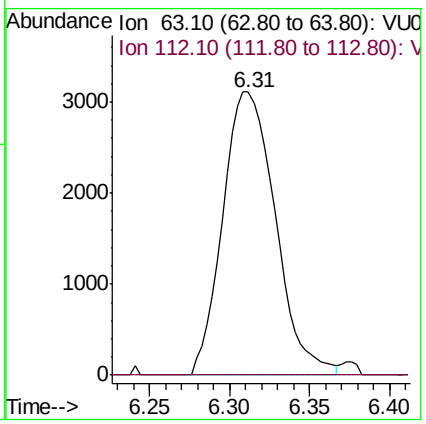


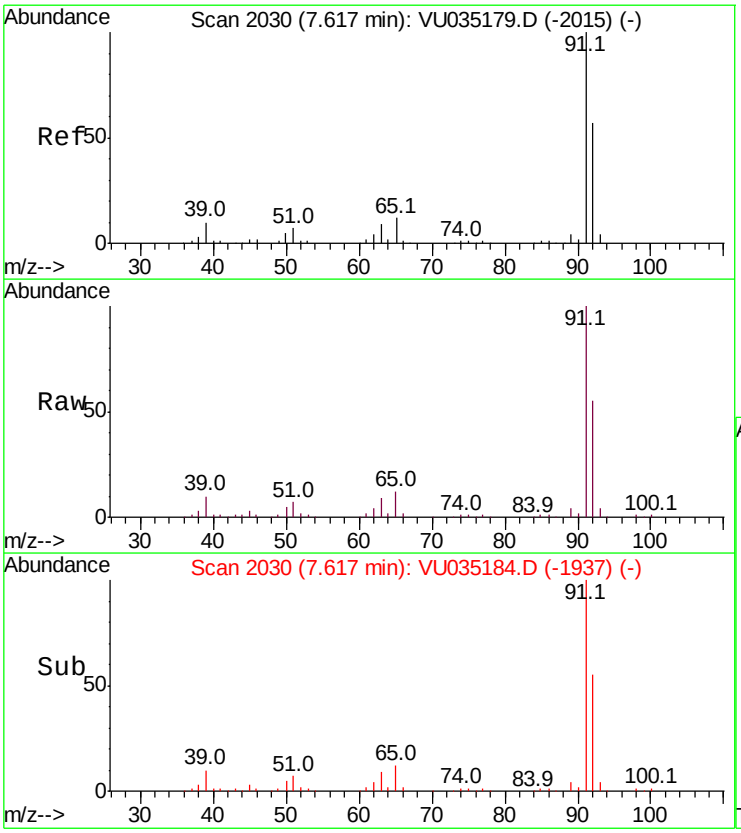
#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7003

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

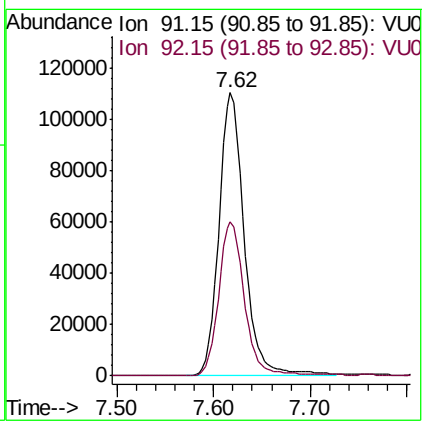


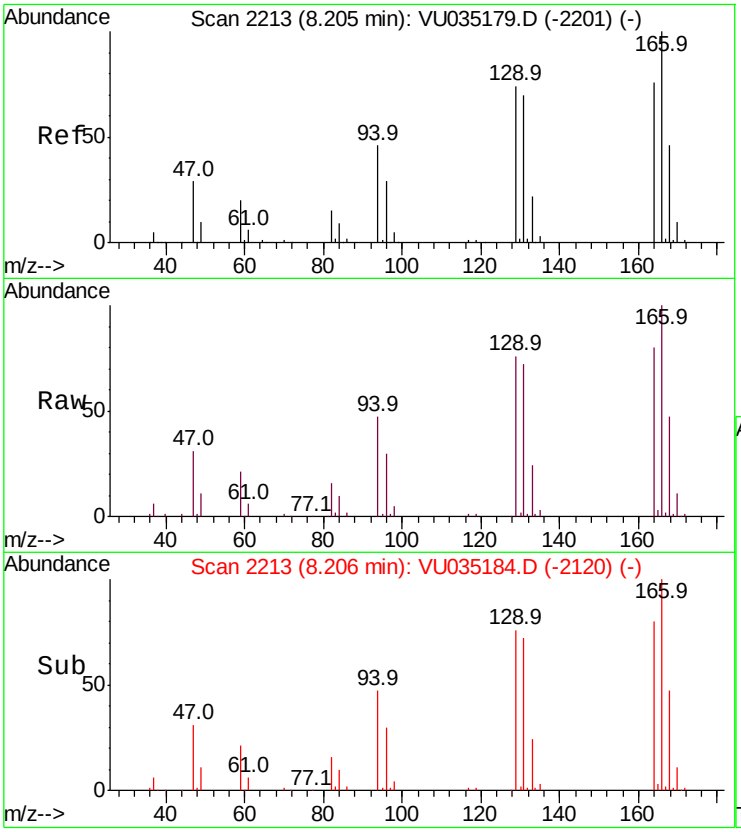


#42
Toluene
Concen: 3.907 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Tgt Ion: 91 Resp: 200936

Ion	Ratio	Lower	Upper
91	100		
92	54.6	40.0	74.2



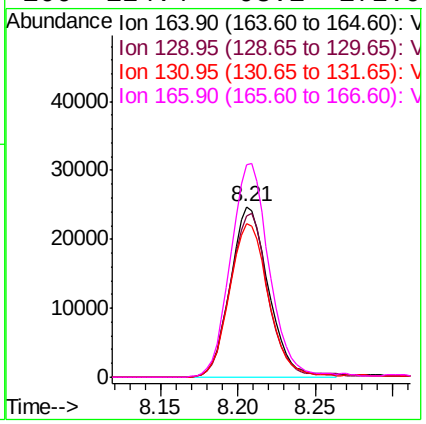


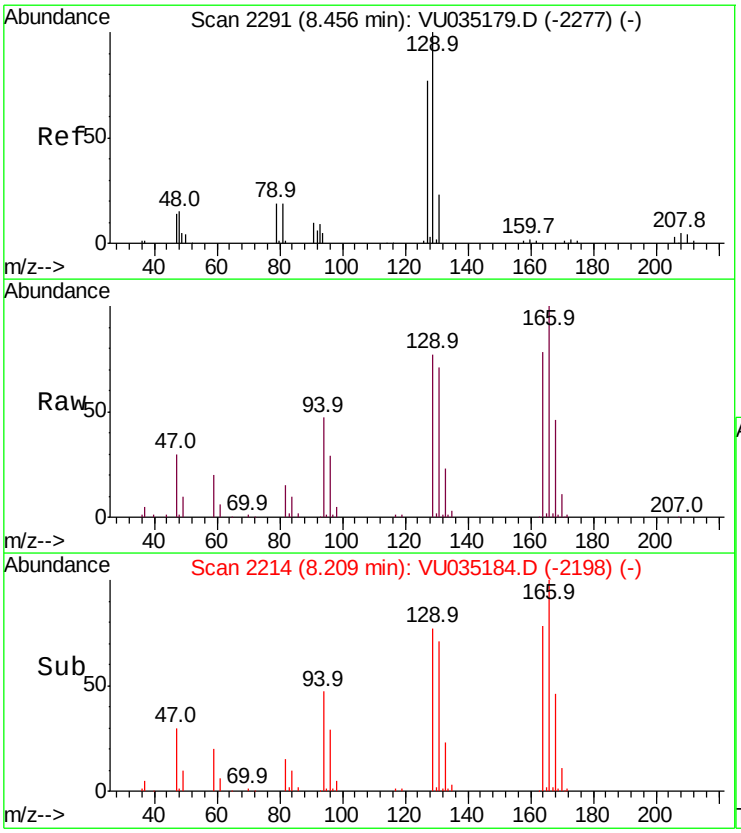
#47
Tetrachloroethene
Concen: 4.121 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 42388

Ion	Ratio	Lower	Upper
164	100		
129	95.0	68.5	127.1
131	90.0	67.3	124.9
166	124.4	93.1	172.9

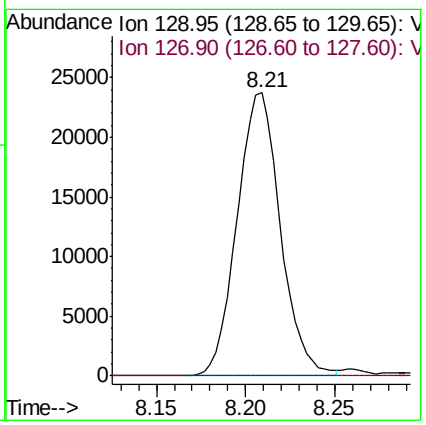


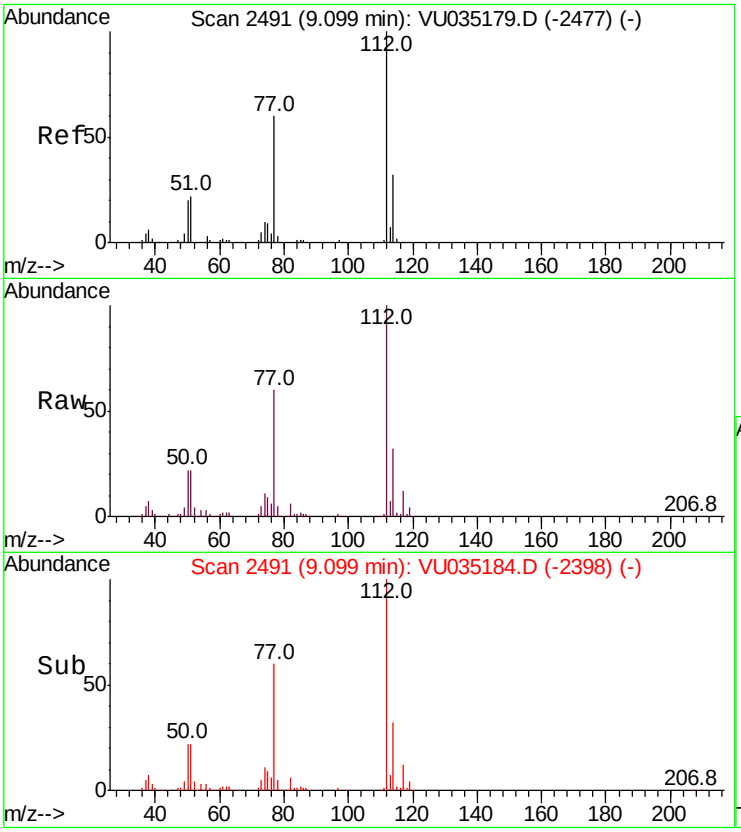


#49
Dibromochloromethane
Concen: 3.935 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Tgt Ion:129 Resp: 40136

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#



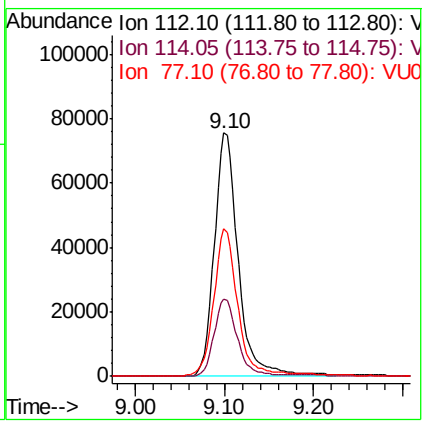


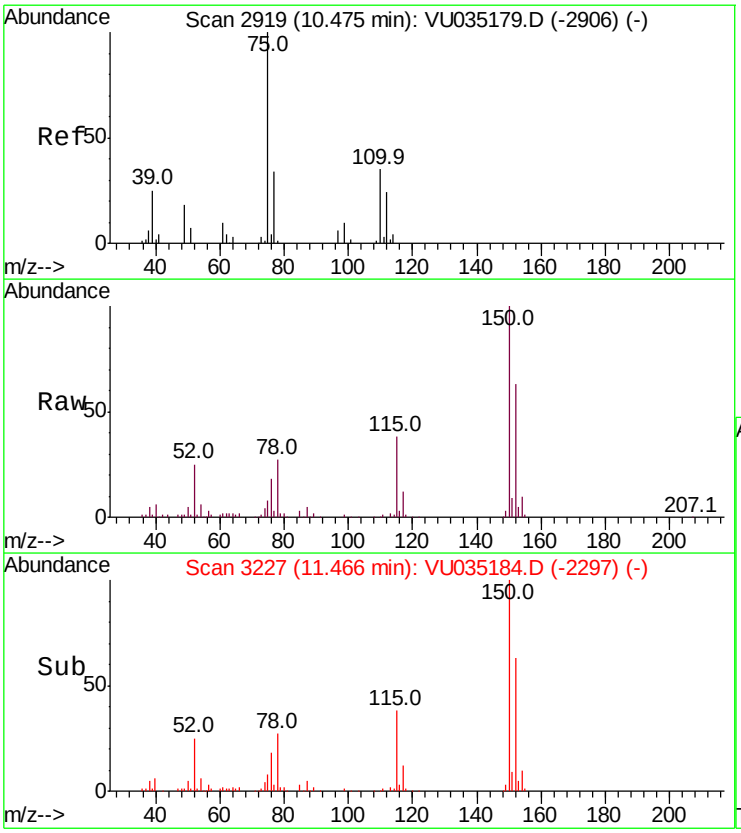
#51
Chlorobenzene
Concen: 4.235 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 141136

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.1	41.1
77	60.5	46.9	70.3





#59
1,2,3-Trichloropropane
Concen: 0.917 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU035184.D
Acq: 15 Oct 2019 11:55

Tgt Ion: 75 Resp: 7886

Ion	Ratio	Lower	Upper
75	100		
77	35.6	26.5	39.7