Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032848.D
Acq On : 19 Jun 2019 11:10
Operator : JC/SP
Sample : K3413-21MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALG8MS

Quant Time: Jun 20 05:17:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 05:14:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	96384	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.08	117	94100	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49562	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	31153	4.97	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%				
7) Chloroethane-d5	1.68	69	26119	4.88	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%				
11) 1,1-Dichloroethene-d2	2.27	63	67058	5.27	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.40%				
20) 2-Butanone-d5	4.18	46	104512	59.76	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.52%				
24) Chloroform-d	4.64	84	65215	5.75	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.00%				
26) 1,2-Dichloroethane-d4	5.30	65	37742	6.44	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 128.80%				
32) Benzene-d6	5.33	84	125716	5.37	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.40%				
36) 1,2-Dichloropropane-d6	6.32	67	40677	5.64	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.80%				
41) Toluene-d8	7.56	98	113382	5.24	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%				
43) trans-1,3-Dichloropropene-	7.85	79	17573	5.70	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 114.00%				
46) 2-Hexanone-d5	8.31	63	81140	52.55	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.10%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34025	5.60	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.00%				
64) 1,2-Dichlorobenzene-d4	11.85	152	49105	5.51	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.20%				
Target Compounds							Qvalue
12) 1,1-Dichloroethene	2.28	96	28468	4.649	ug/L		89
13) Acetone	2.32	43	2680	1.974	ug/L		88
27) 1,2-Dichloroethane	5.38	62	1450	0.183	ug/L	#	76
33) Benzene	5.38	78	137961	4.973	ug/L		100
34) Trichloroethene	6.18	95	37960	4.757	ug/L		98
35) Methylcyclohexane	6.32	83	9723	0.758	ug/L	#	19
37) 1,2-Dichloropropane	6.32	63	4807	0.670	ug/L	#	89
42) Toluene	7.63	91	147600	4.773	ug/L		97
44) trans-1,3-Dichloropropene	7.85	75	797	0.091	ug/L		96
45) 1,1,2-Trichloroethane	8.22	97	1055	0.202	ug/L	#	3
47) Tetrachloroethene	8.22	164	121046	19.275	ug/L		97
48) 2-Hexanone	8.37	43	3875	1.061	ug/L	#	74
49) Dibromochloromethane	8.22	129	115638	17.311	ug/L	#	12
51) Chlorobenzene	9.11	112	98418	5.077	ug/L		98
59) 1,2,3-Trichloropropane	11.48	75	5841	1.239	ug/L	#	83

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032848.D
Acq On : 19 Jun 2019 11:10
Operator : JC/SP
Sample : K3413-21MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALG8MS

Quant Time: Jun 20 05:17:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 05:14:15 2019
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
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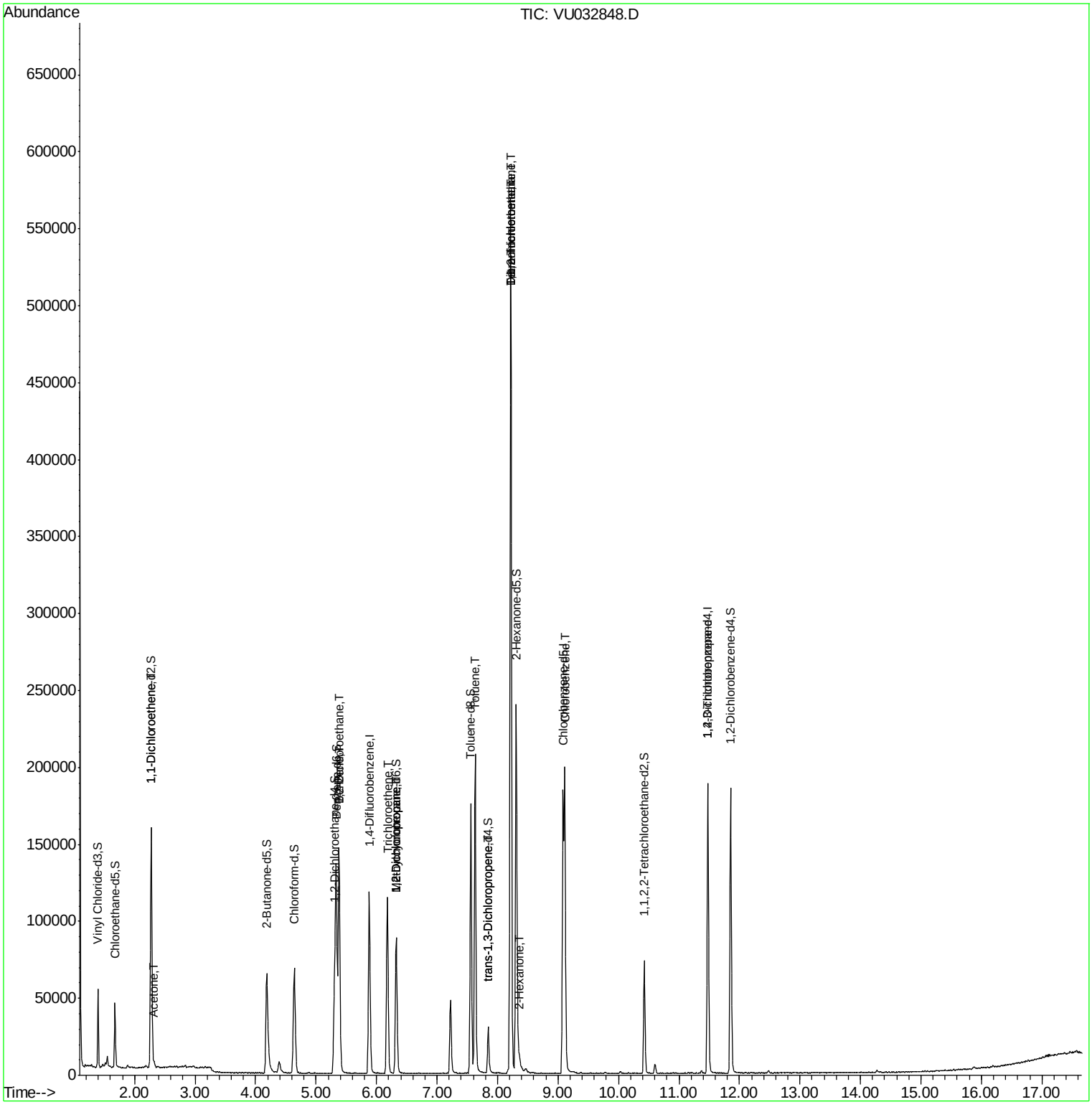
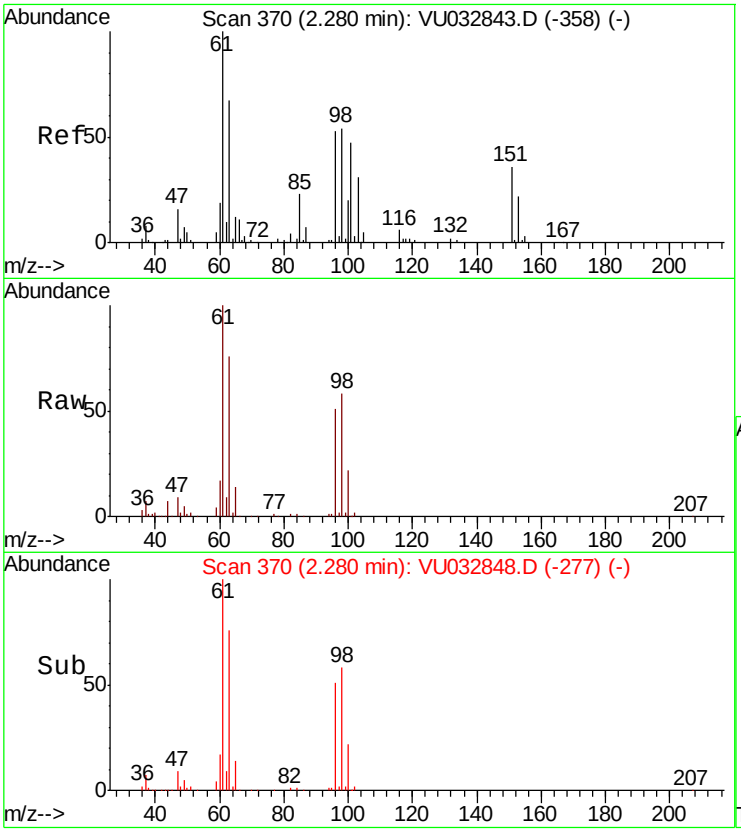
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 05:14:15 2019
Response via : Initial Calibration



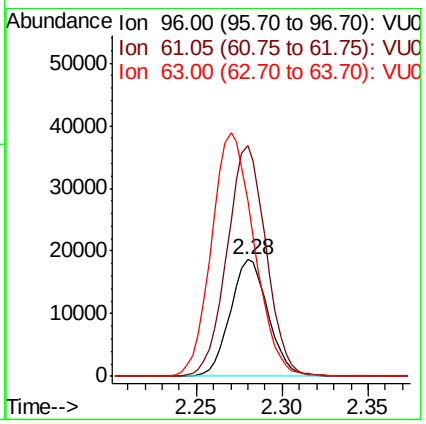


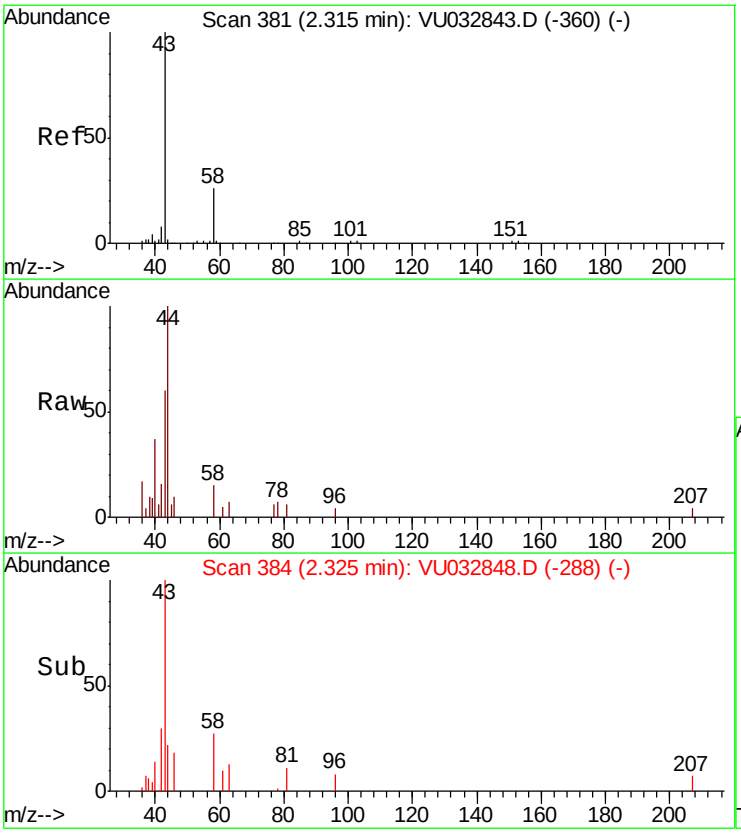
#12
1,1-Dichloroethene
Concen: 4.649 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Instrument :
MSVOA_U
ClientSampleId :
GALG8MS

Tgt Ion: 96 Resp: 28468

Ion	Ratio	Lower	Upper
96	100		
61	197.5	131.8	244.8
63	150.5	90.1	167.3

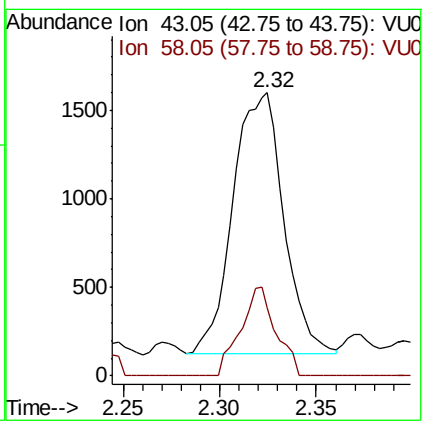


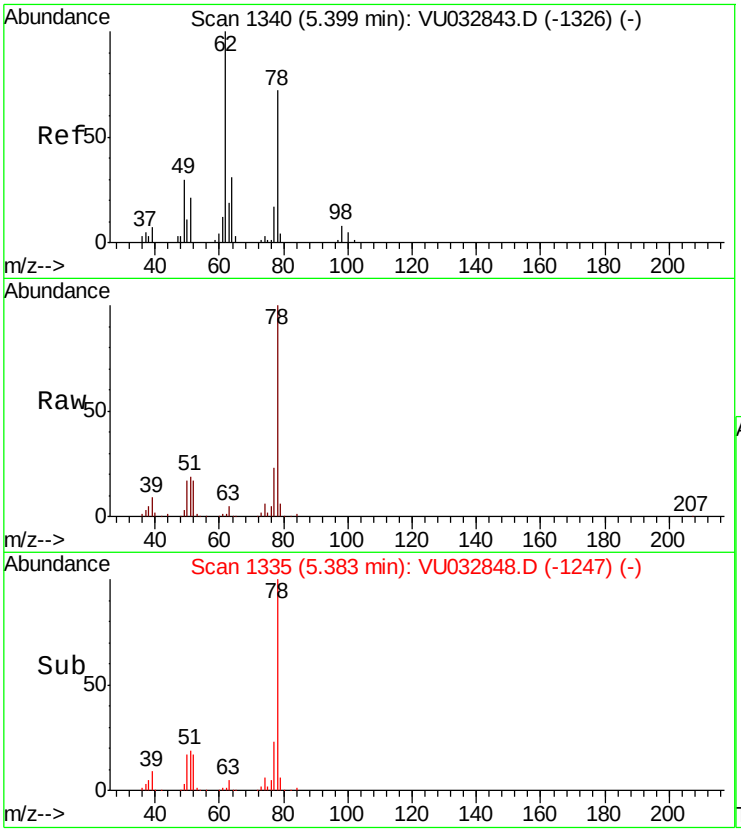


#13
Acetone
Concen: 1.974 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Tgt Ion: 43 Resp: 2680

Ion	Ratio	Lower	Upper
43	100		
58	23.9	0.0	60.8



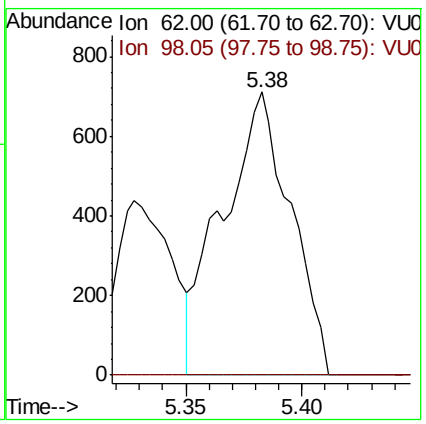


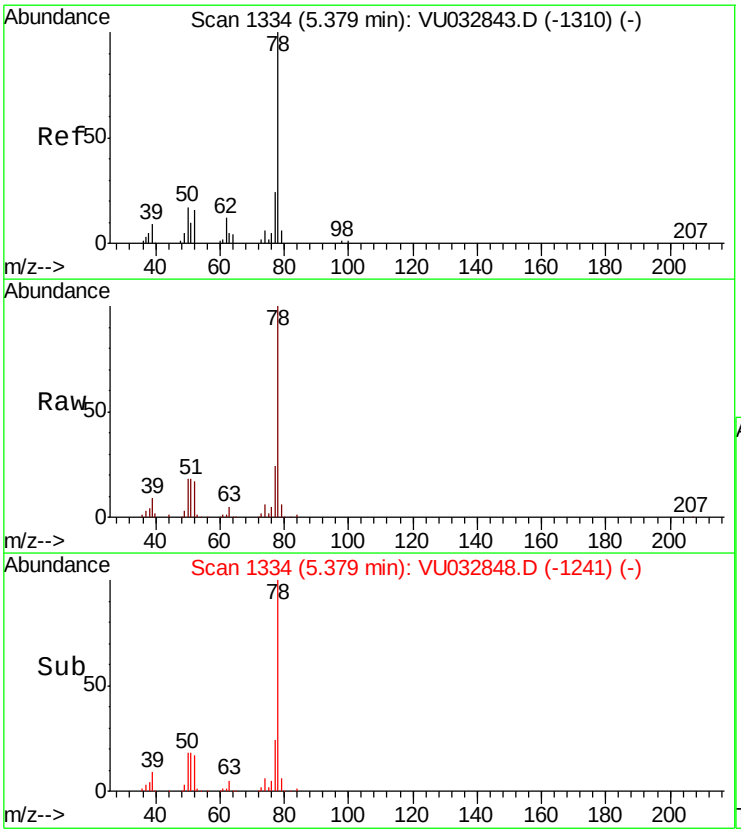
#27
1,2-Dichloroethane
Concen: 0.183 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Instrument :
MSVOA_U
ClientSampleId :
GALG8MS

Tgt Ion: 62 Resp: 1450

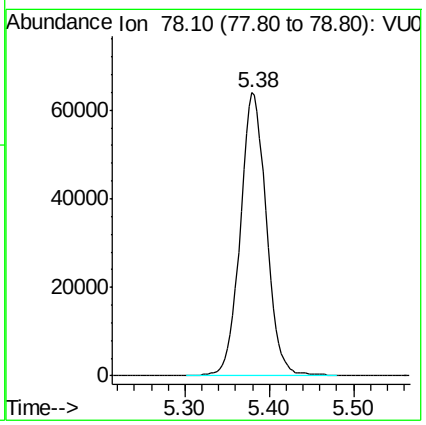
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.6#

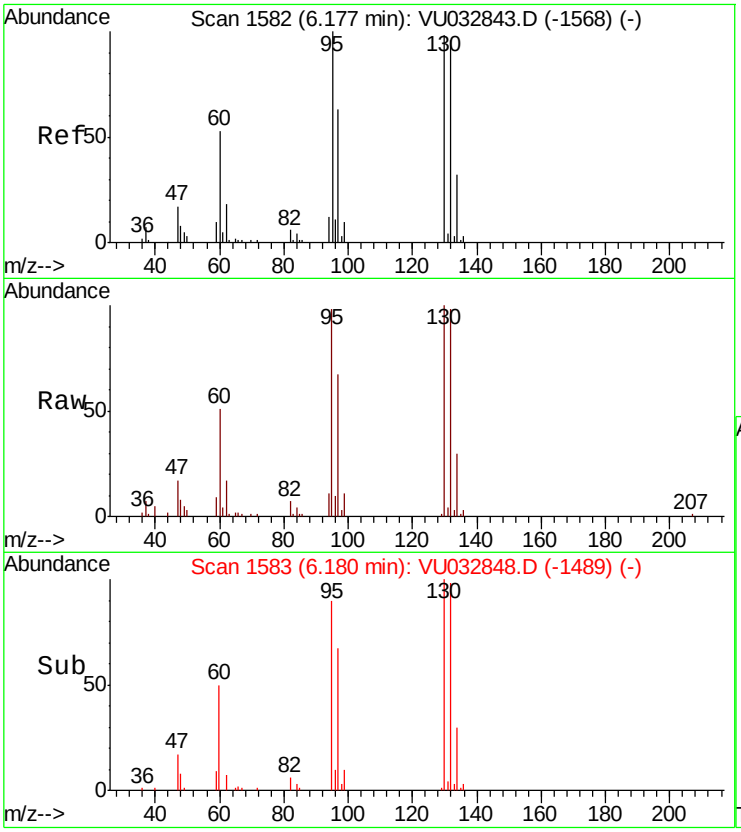




#33
Benzene
Concen: 4.973 ug/L
RT: 5.38 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Tgt Ion: 78 Resp: 137961



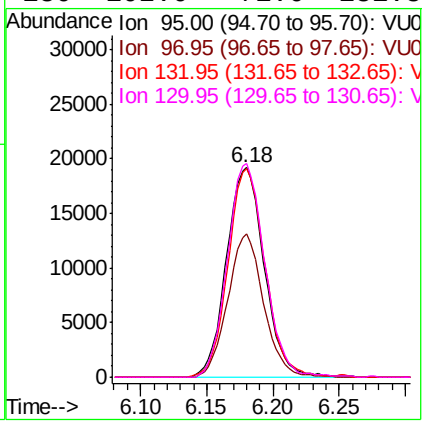


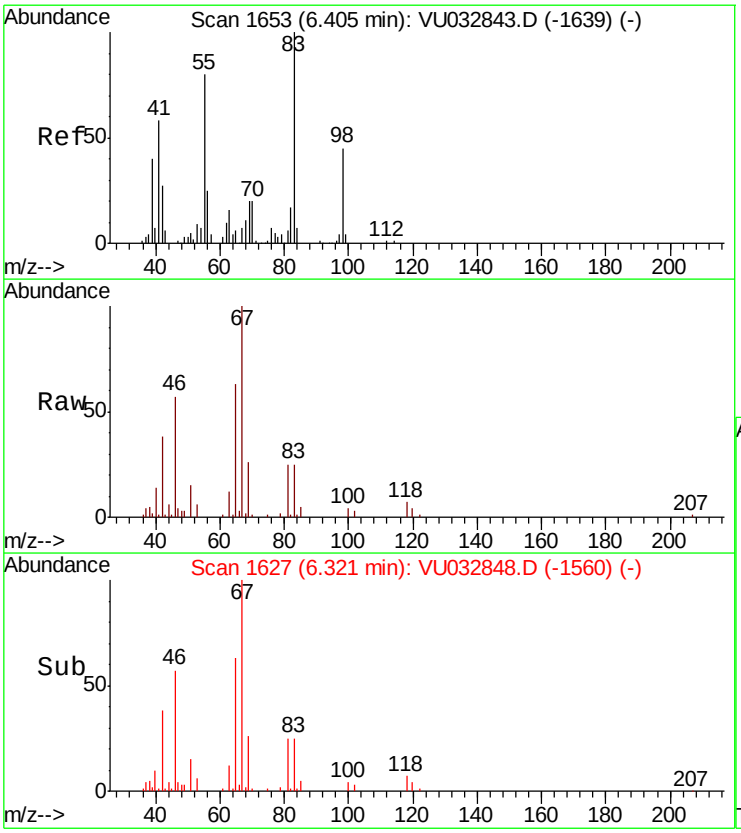
#34
Trichloroethene
Concen: 4.757 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Instrument : MSVOA_U
ClientSampleId : GALG8MS

Tgt Ion: 95 Resp: 37960

Ion	Ratio	Lower	Upper
95	100		
97	68.3	44.1	81.9
132	99.9	68.8	127.8
130	102.0	71.0	131.8

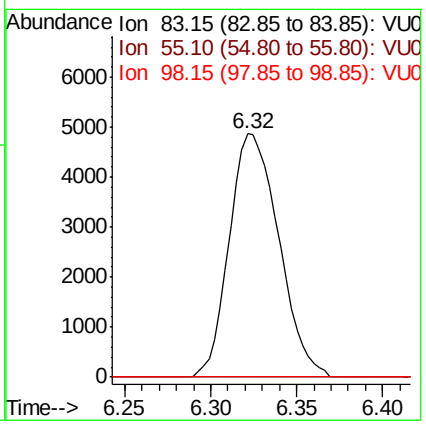


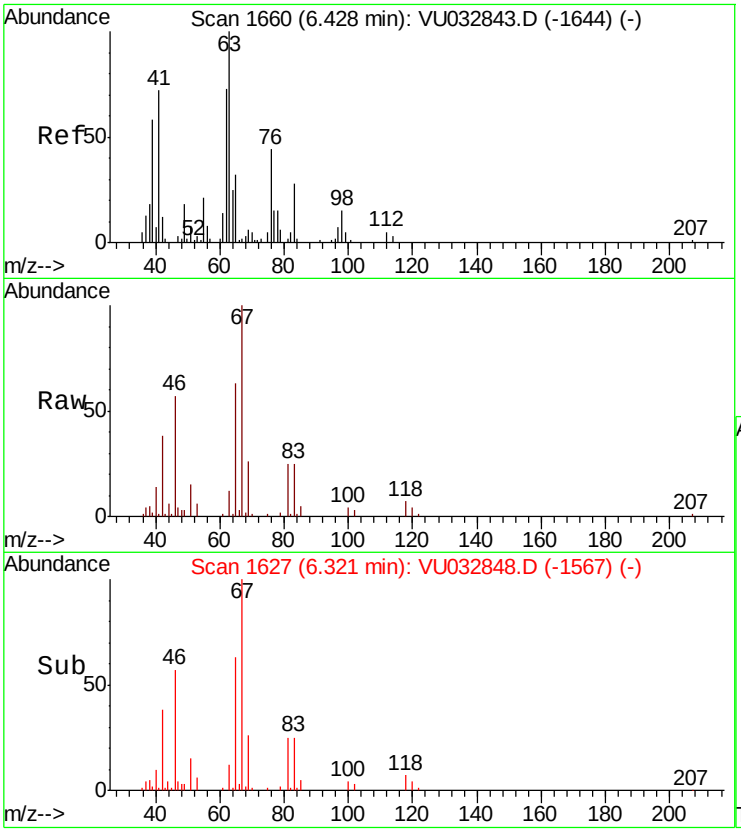


#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.08 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Tgt Ion: 83 Resp: 9723

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.0	90.0#
98	0.0	37.8	56.8#



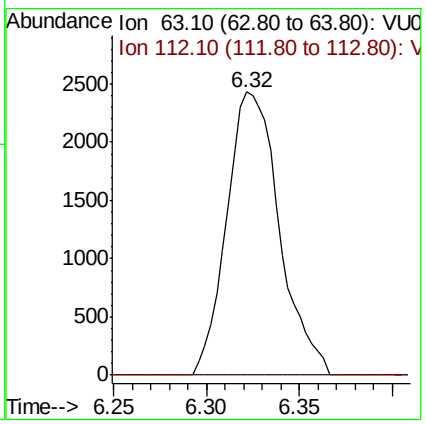


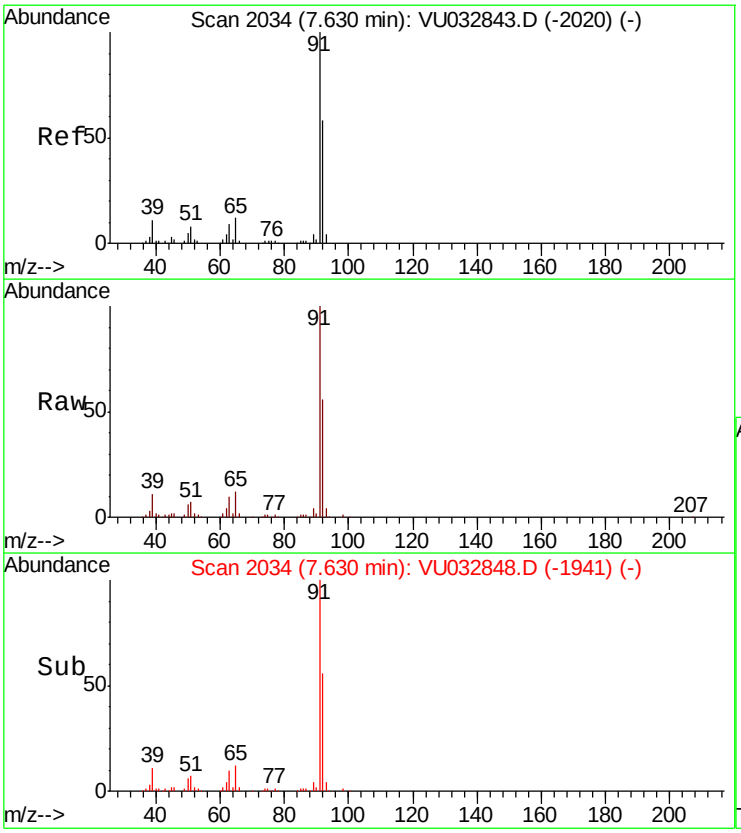
#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Instrument : MSVOA_U
ClientSampleId : GALG8MS

Tgt Ion: 63 Resp: 4807

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

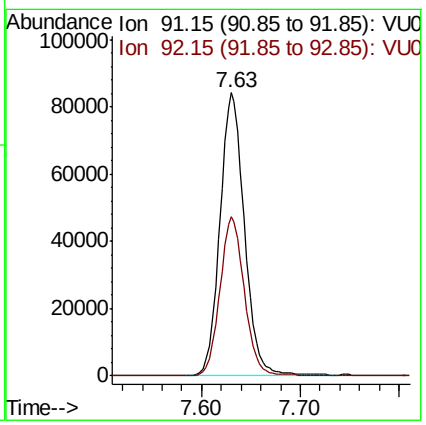


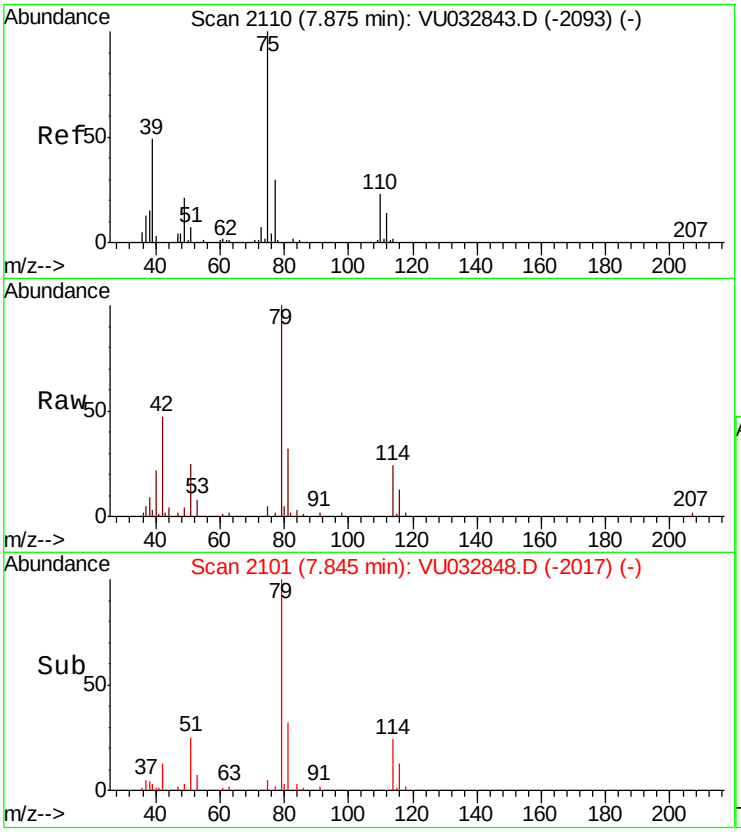


#42
Toluene
Concen: 4.773 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Tgt Ion: 91 Resp: 147600

Ion	Ratio	Lower	Upper
91	100		
92	56.1	40.9	75.9



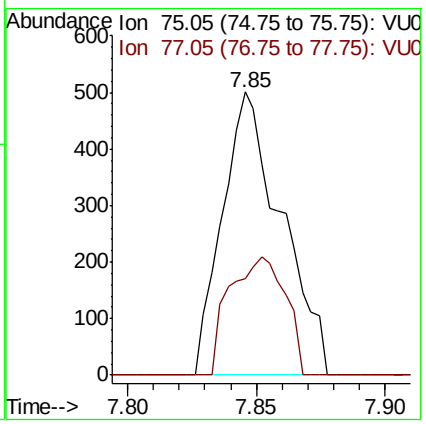


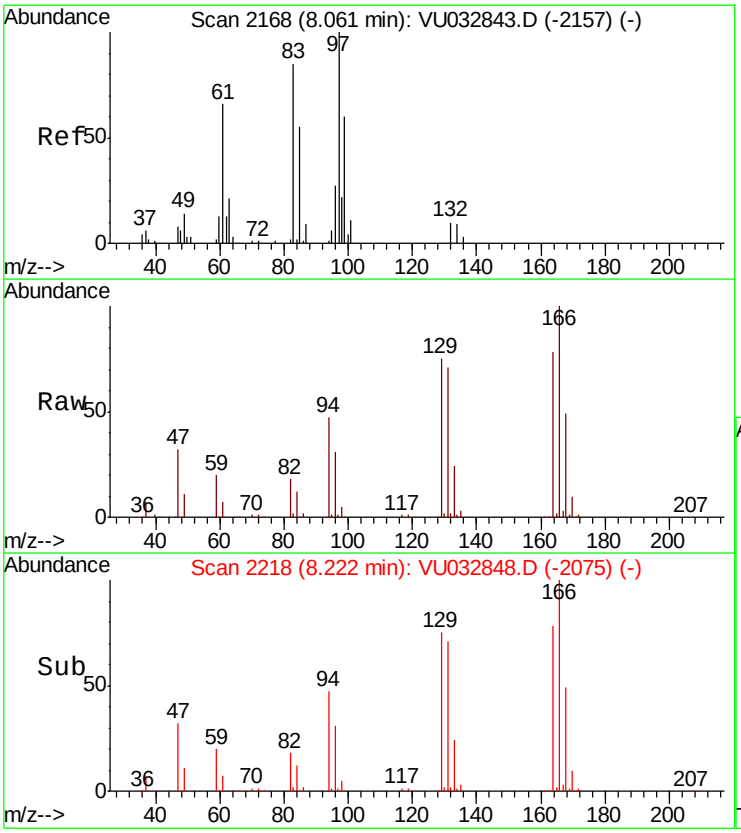
#44
trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Instrument :
MSVOA_U
ClientSampleId :
GALG8MS

Tgt Ion: 75 Resp: 797

Ion	Ratio	Lower	Upper
75	100		
77	34.1	22.5	41.7

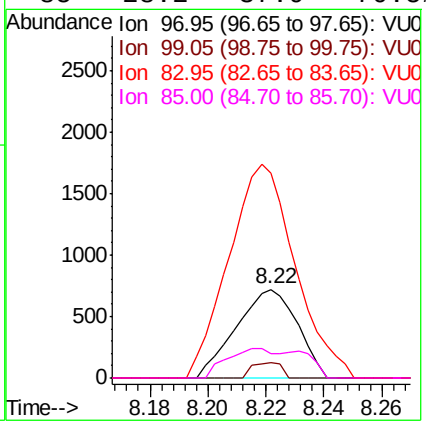


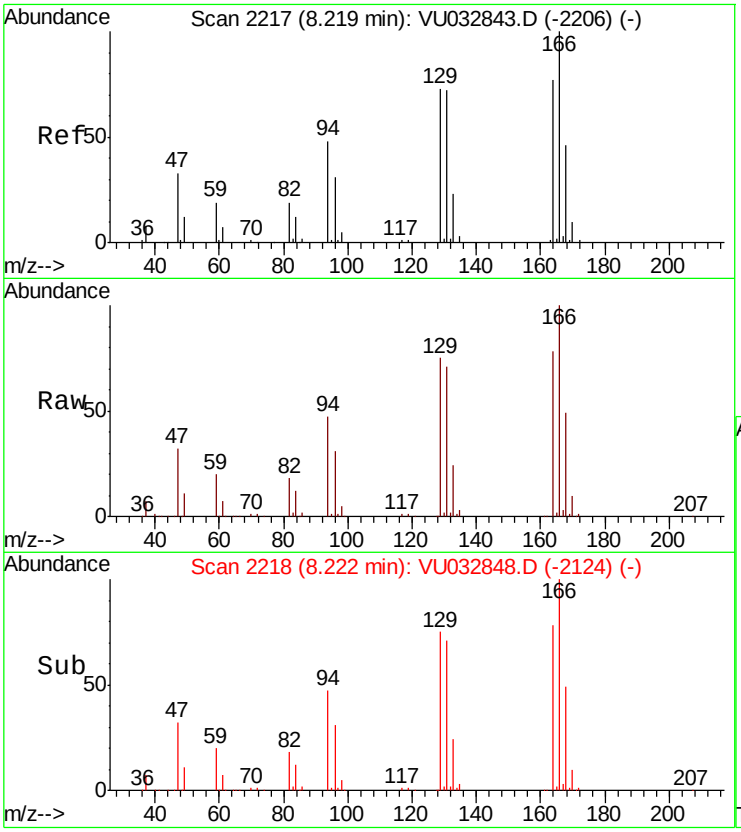


#45
1,1,2-Trichloroethane
Concen: 0.202 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.16 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Tgt Ion: 97 Resp: 1055

Ion	Ratio	Lower	Upper
97	100		
99	17.1	44.9	83.3#
83	231.9	58.7	108.9#
85	28.2	37.9	70.5#



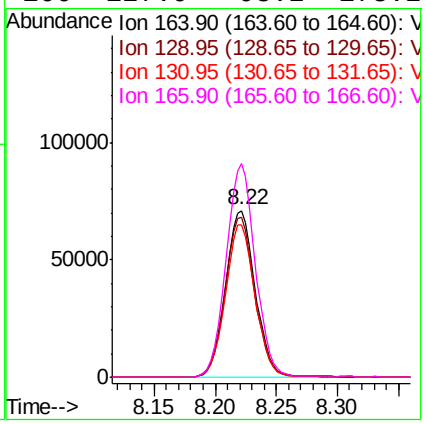


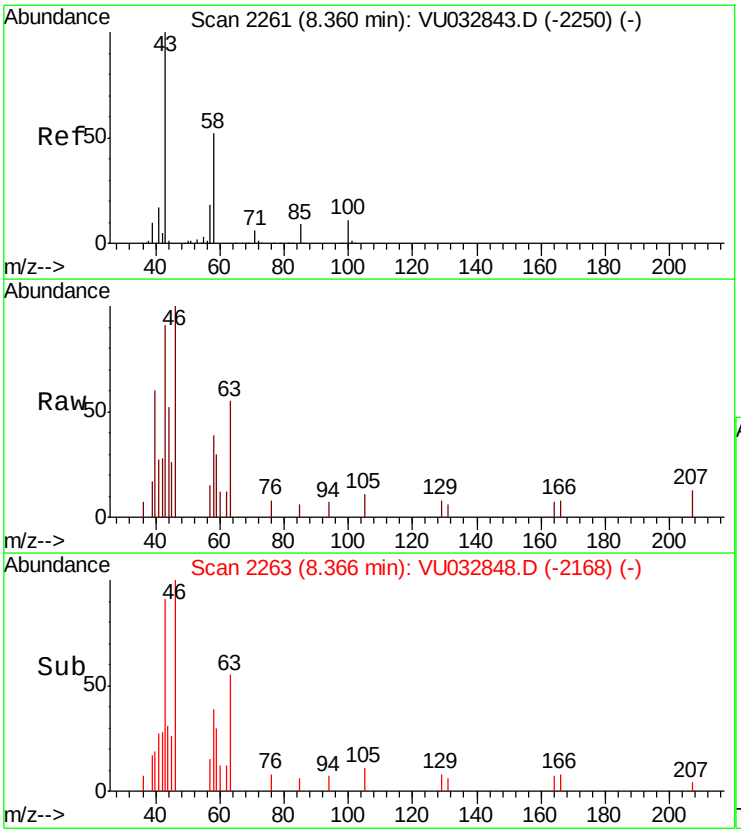
#47
Tetrachloroethene
Concen: 19.275 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Instrument : MSVOA_U
ClientSampleId : GALG8MS

Tgt Ion:164 Resp: 121046

Ion	Ratio	Lower	Upper
164	100		
129	95.6	66.1	122.7
131	91.1	65.6	121.8
166	127.9	93.2	173.2

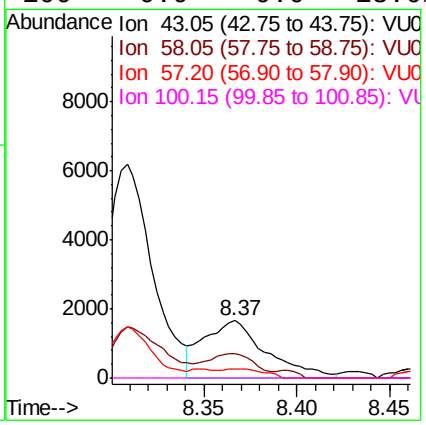


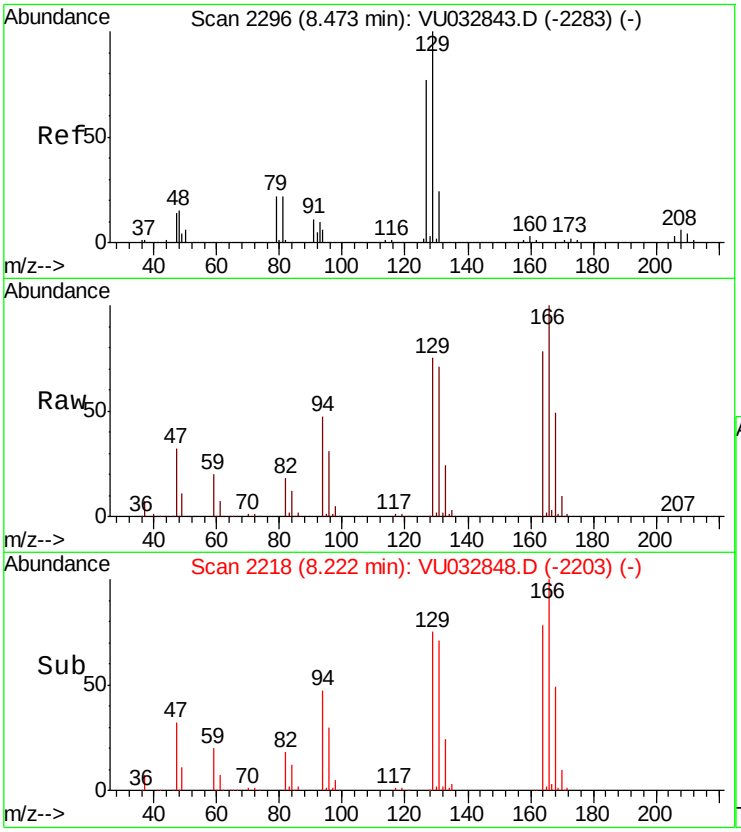


#48
2-Hexanone
Concen: 1.061 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Tgt Ion: 43 Resp: 3875

Ion	Ratio	Lower	Upper
43	100		
58	32.9	41.9	62.9#
57	9.3	15.1	22.7#
100	0.0	9.0	13.6#



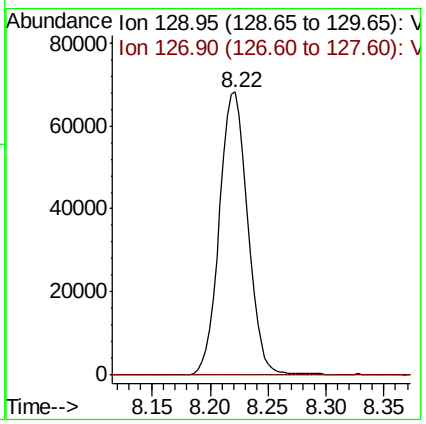


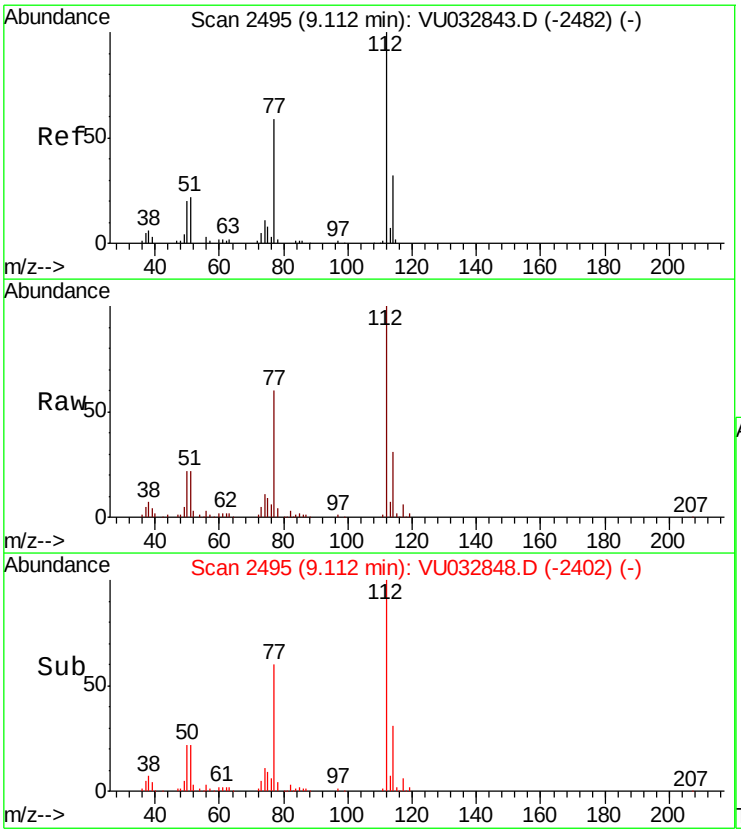
#49
Dibromochloromethane
Concen: 17.311 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Instrument :
MSVOA_U
ClientSampleId :
GALG8MS

Tgt Ion:129 Resp: 115638

Ion	Ratio	Lower	Upper
129	100		
127	0.3	53.3	98.9#

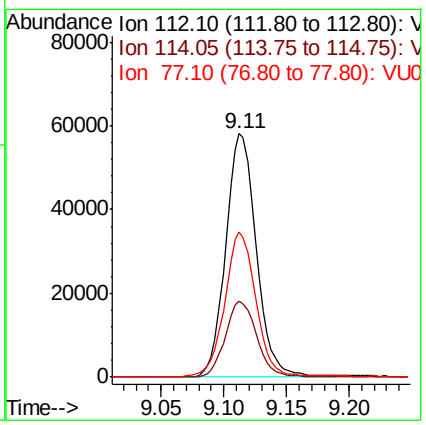


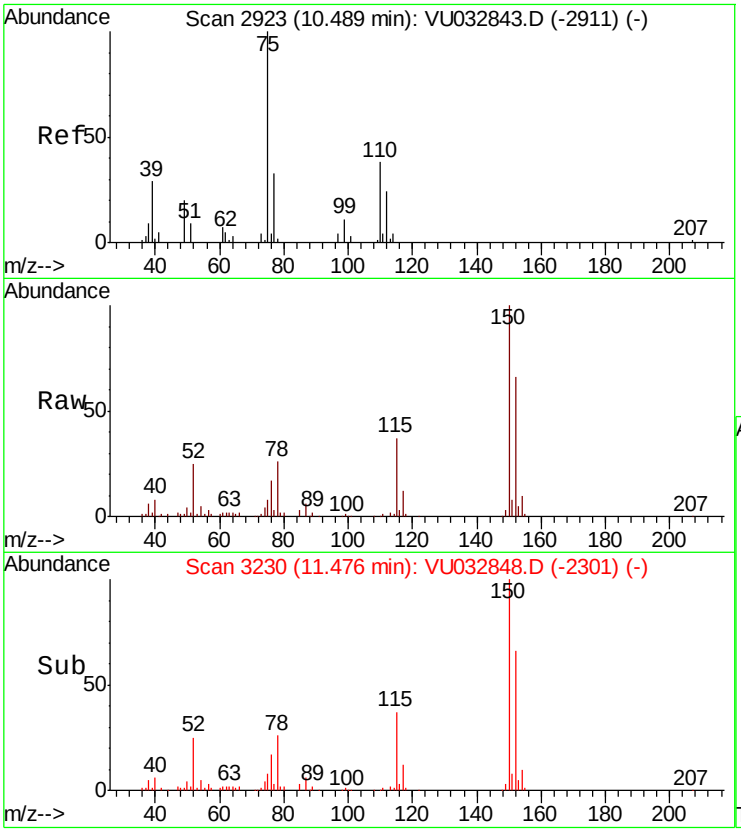


#51
Chlorobenzene
Concen: 5.077 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. -0.00 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Tgt Ion:112 Resp: 98418

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.4	41.6
77	59.8	46.5	69.7





#59
1,2,3-Trichloropropane
Concen: 1.239 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Instrument :
MSVOA_U
ClientSampleId :
GALG8MS

Tgt Ion: 75 Resp: 5841

Ion	Ratio	Lower	Upper
75	100		
77	41.2	25.3	37.9#