Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072019\

Quantitation Report (Not Reviewed)

Data File : VU033355.D
Acq On : 20 Jul 2019 02:20
Operator : JC/SP
Sample : K3890-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52J2MSD

Quant Time: Jul 20 05:25:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 20 05:21:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	104451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	109632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	47968	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	41562	3.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.00%			
7) Chloroethane-d5	1.67	69	41335	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.20%			
11) 1,1-Dichloroethene-d2	2.26	63	95598	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.00%			
20) 2-Butanone-d5	4.16	46	95825	48.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.68%			
24) Chloroform-d	4.62	84	67195	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
26) 1,2-Dichloroethane-d4	5.29	65	42931	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.32	84	137233	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.31	67	46141	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.55	98	113140	3.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.20%			
43) trans-1,3-Dichloropropene-	7.83	79	16789	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
46) 2-Hexanone-d5	8.30	63	84092	52.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.18%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	41844	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	44570	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.27	96	44933	5.236	ug/L	93
13) Acetone	2.31	43	9237	5.322	ug/L	93
25) Chloroform	4.65	83	7611	0.482	ug/L	98
27) 1,2-Dichloroethane	5.36	62	1521	0.162	ug/L #	77
33) Benzene	5.36	78	162001	5.218	ug/L	100
34) Trichloroethene	6.16	95	41616	5.066	ug/L	96
35) Methylcyclohexane	6.31	83	10997	0.888	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	5122	0.610	ug/L #	88
42) Toluene	7.62	91	172353	5.171	ug/L	98
51) Chlorobenzene	9.10	112	115006	5.257	ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	6493	1.186	ug/L #	42
66) 1,2-Dibromo-3-chloropropan	12.63	75	455	0.422	ug/L #	2

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072019\

Quantitation Report (Not Reviewed)

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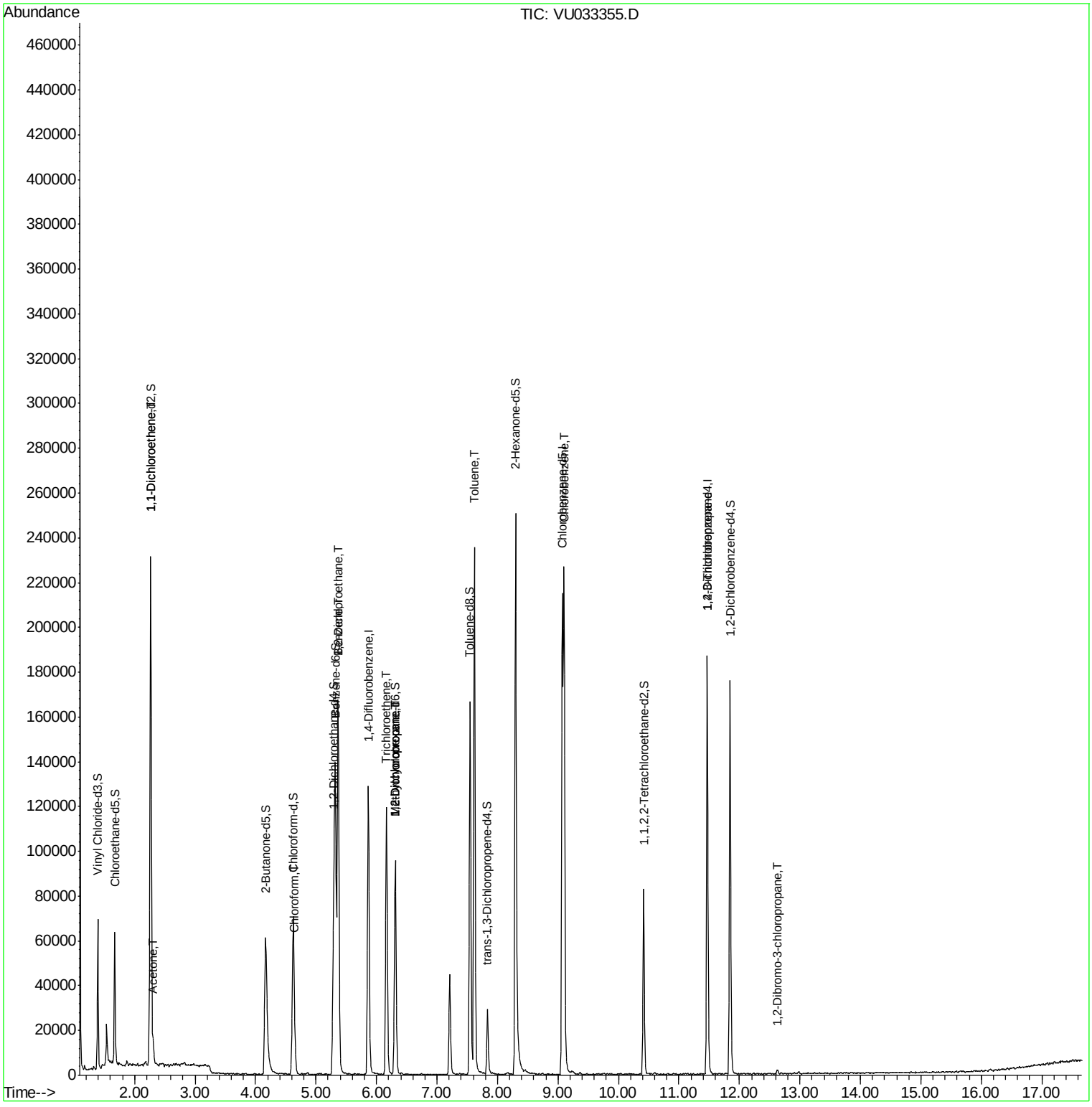
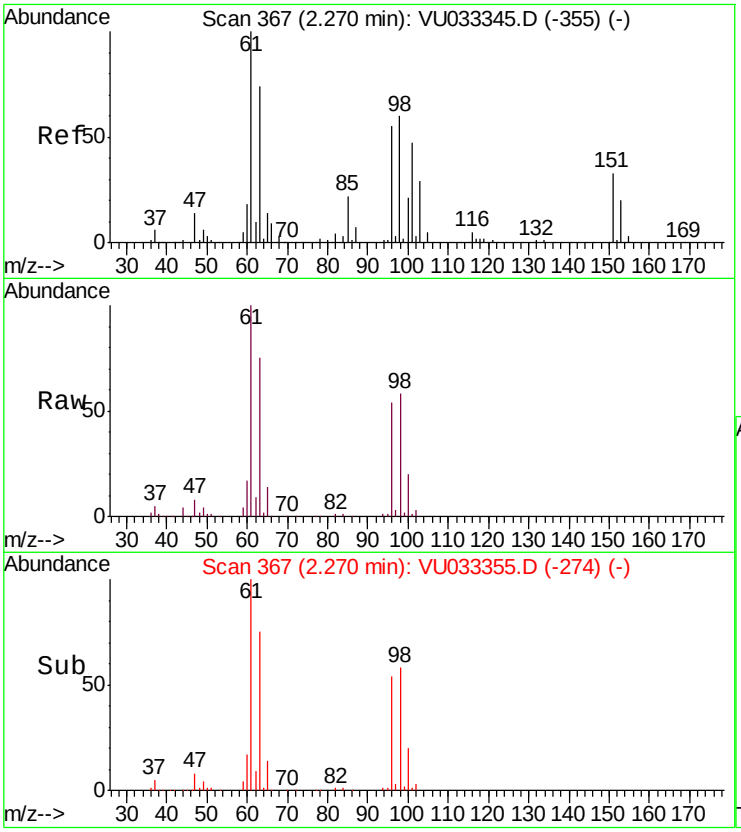
Quant Time: Jul 20 05:25:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 20 05:21:55 2019
Response via : Initial Calibration



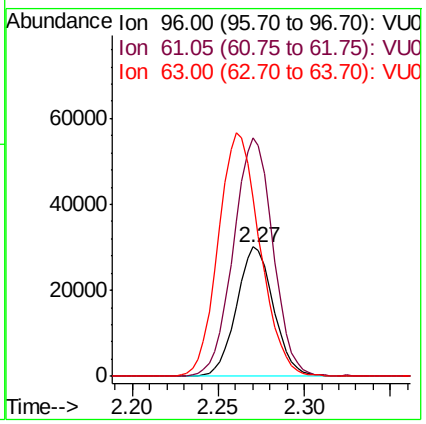


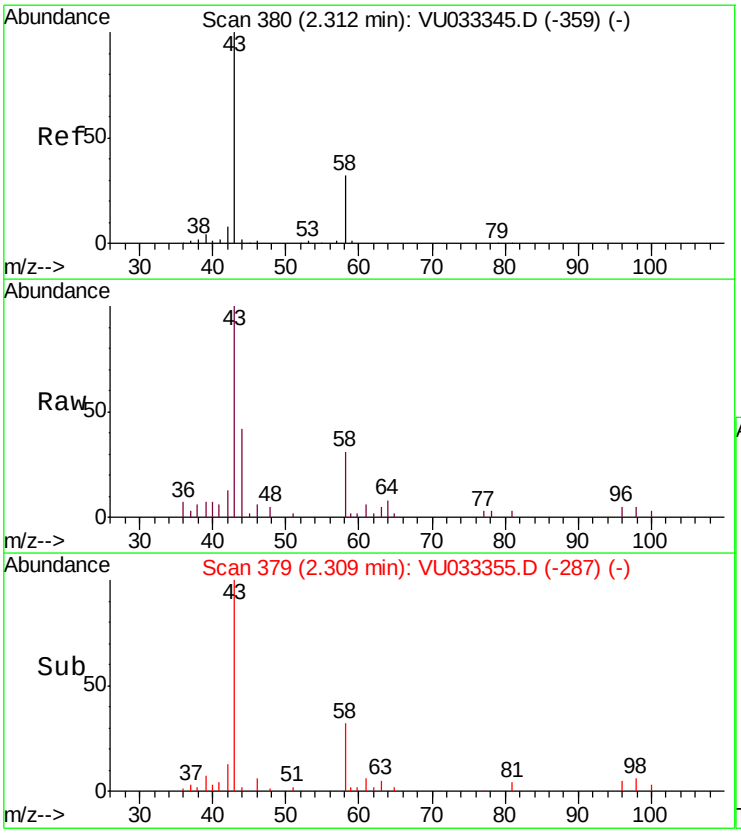
#12
1,1-Dichloroethene
Concen: 5.236 ug/L
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Instrument :
MSVOA_U
ClientSampleId :
A52J2MSD

Tgt Ion: 96 Resp: 44933

Ion	Ratio	Lower	Upper
96	100		
61	184.0	129.3	240.1
63	137.8	108.9	202.3

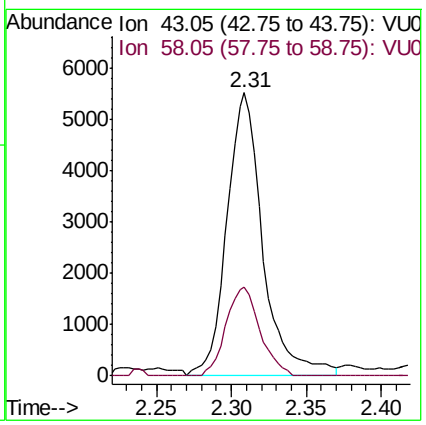


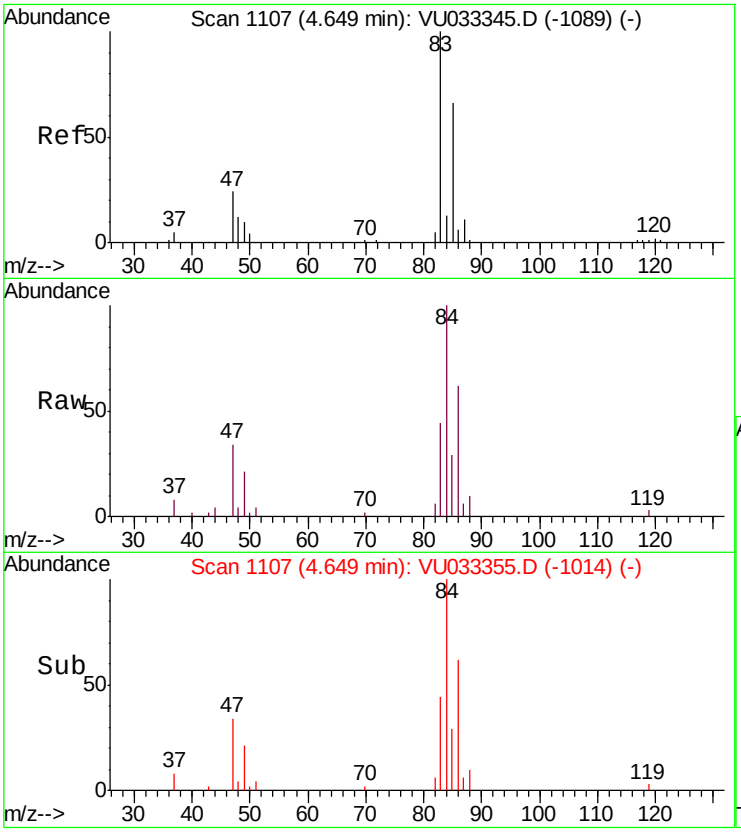


#13
Acetone
Concen: 5.322 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.00 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Tgt Ion: 43 Resp: 9237

Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	66.6



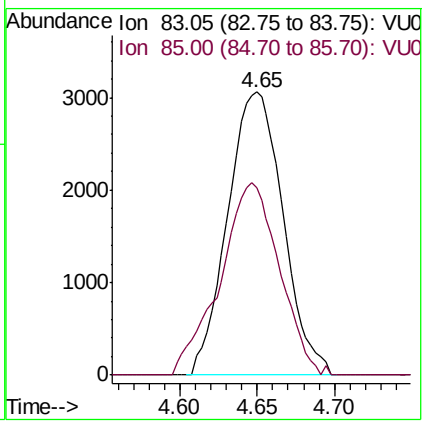


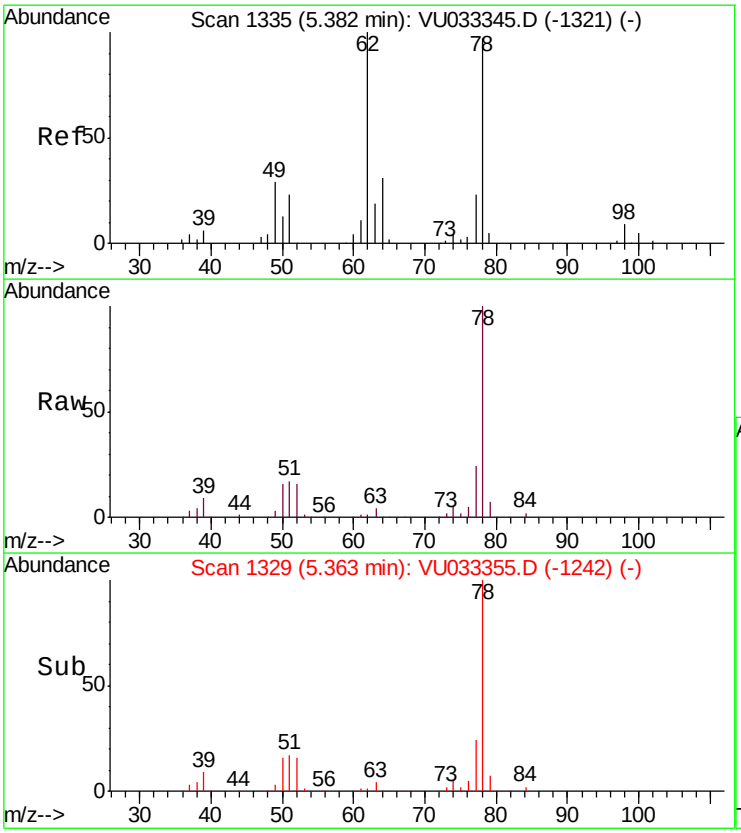
#25
Chloroform
Concen: 0.482 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Instrument : MSVOA_U
ClientSampleId : A52J2MSD

Tgt Ion: 83 Resp: 7611

Ion	Ratio	Lower	Upper
83	100		
85	66.4	45.4	84.4

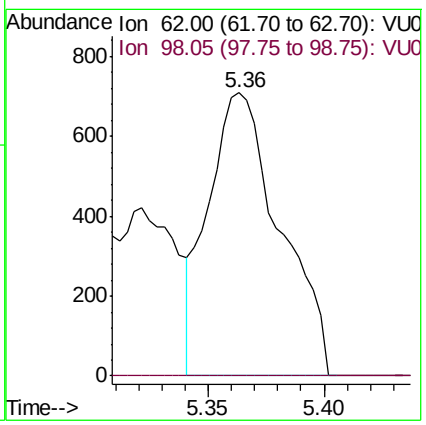


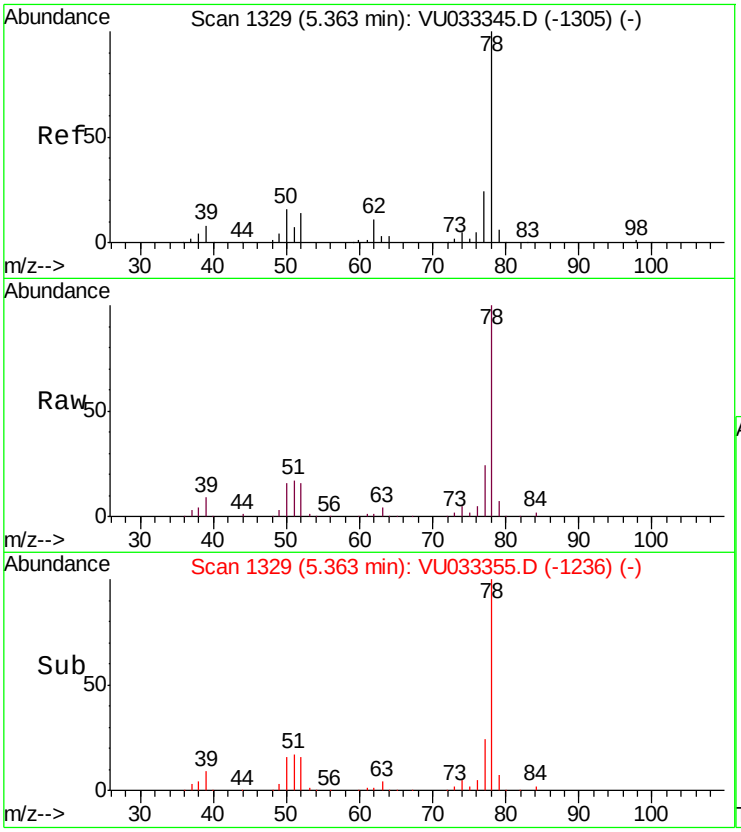


#27
1,2-Dichloroethane
Concen: 0.162 ug/L
RT: 5.36 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Tgt Ion: 62 Resp: 1521

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

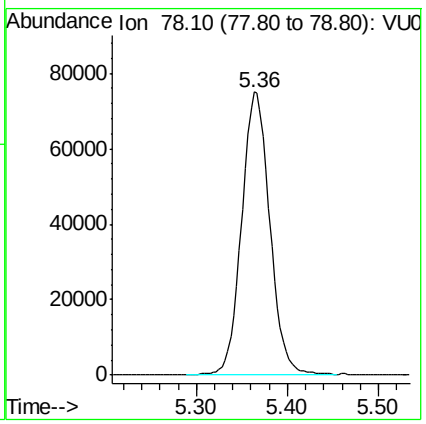


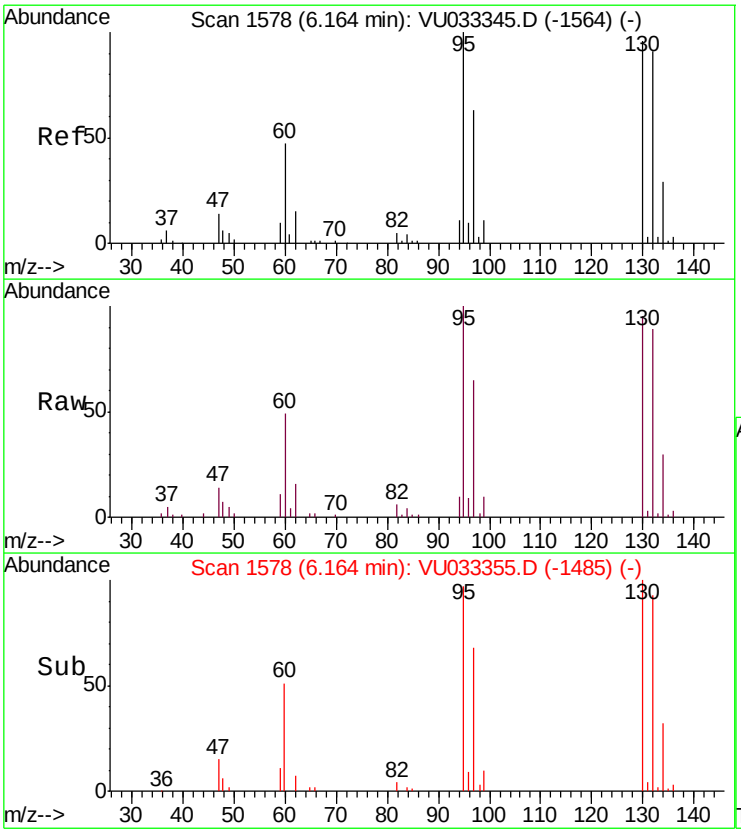


#33
Benzene
Concen: 5.218 ug/L
RT: 5.36 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Instrument :
MSVOA_U
ClientSampleId :
A52J2MSD

Tgt Ion: 78 Resp: 162001

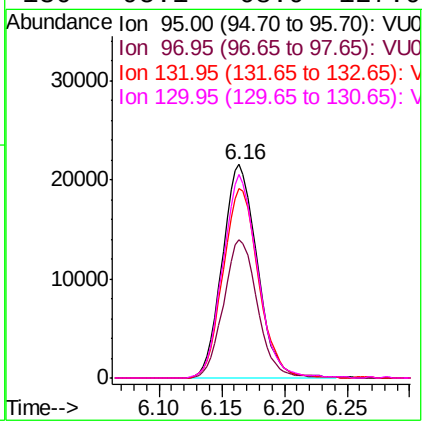


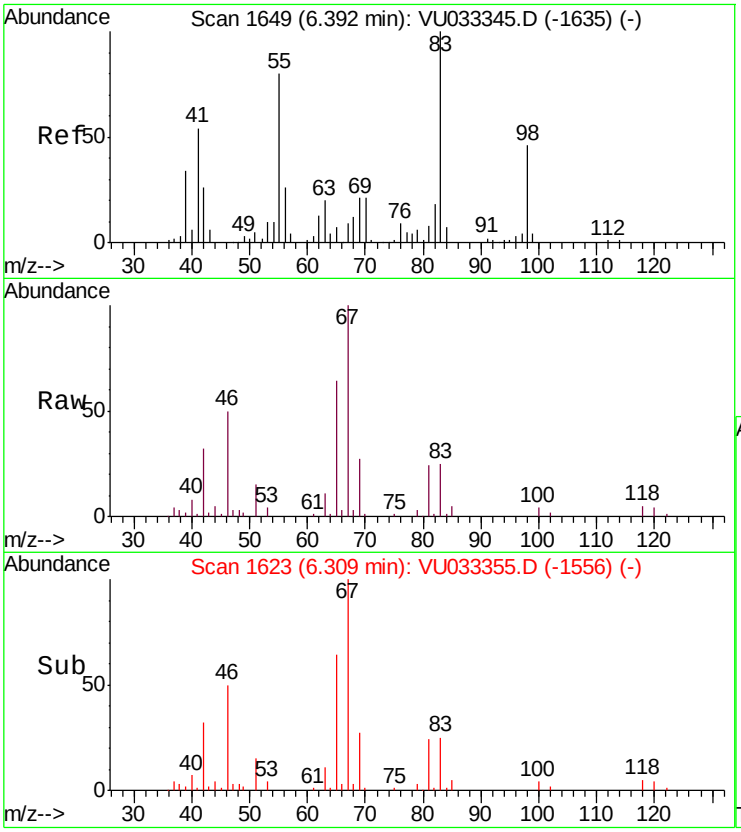


#34
Trichloroethene
Concen: 5.066 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Tgt Ion: 95 Resp: 41616

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.5	82.7
132	88.7	66.6	123.8
130	95.1	68.9	127.9



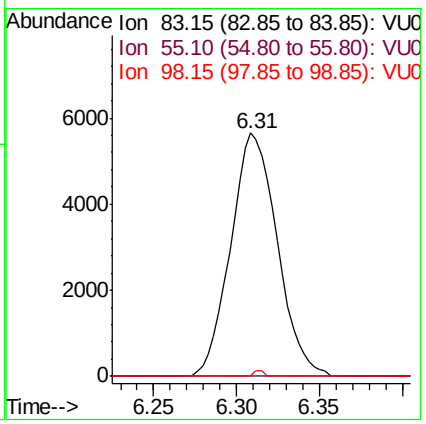


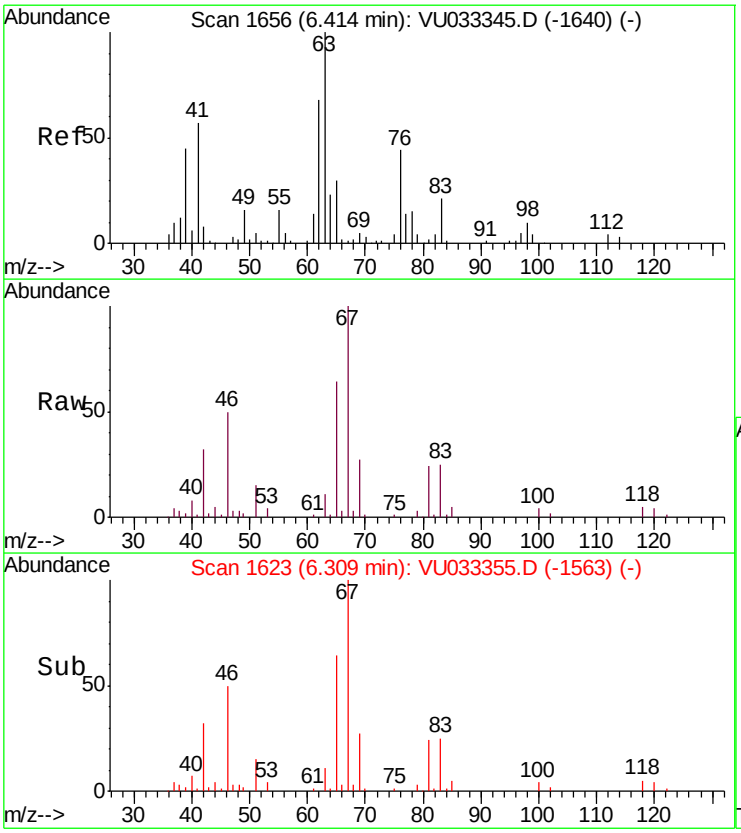
#35
Methylcyclohexane
Concen: 0.888 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Instrument : MSVOA_U
ClientSampleId : A52J2MSD

Tgt Ion: 83 Resp: 10997

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.4	36.2	54.2#

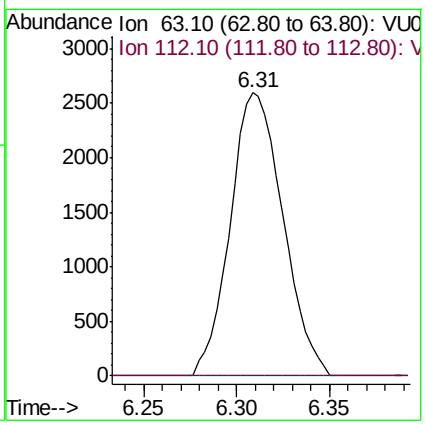


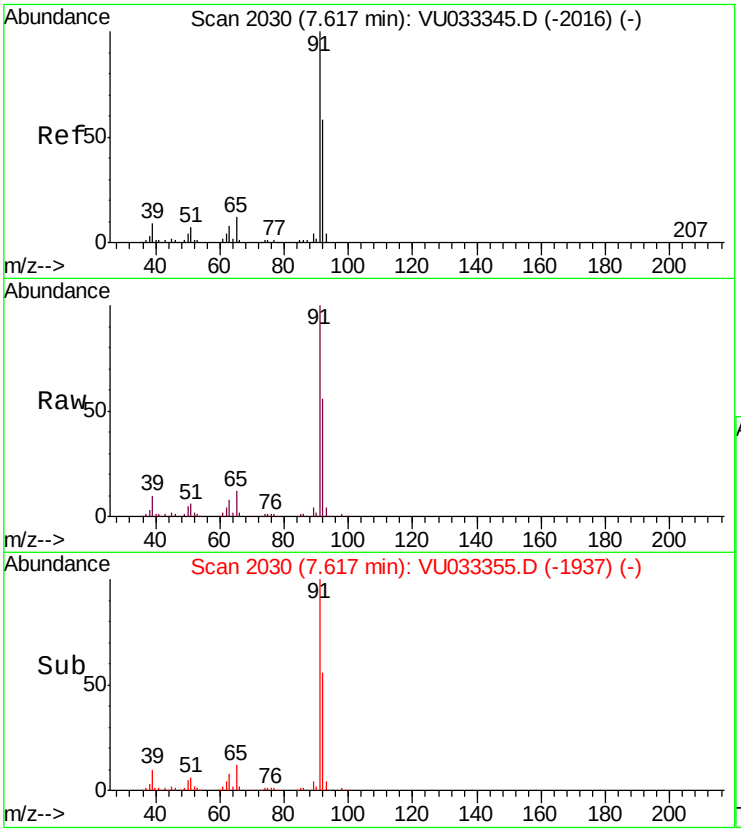


#37
1,2-Dichloropropane
Concen: 0.610 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.11 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Tgt Ion: 63 Resp: 5122

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



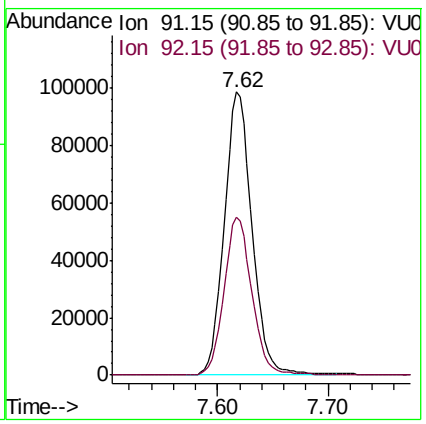


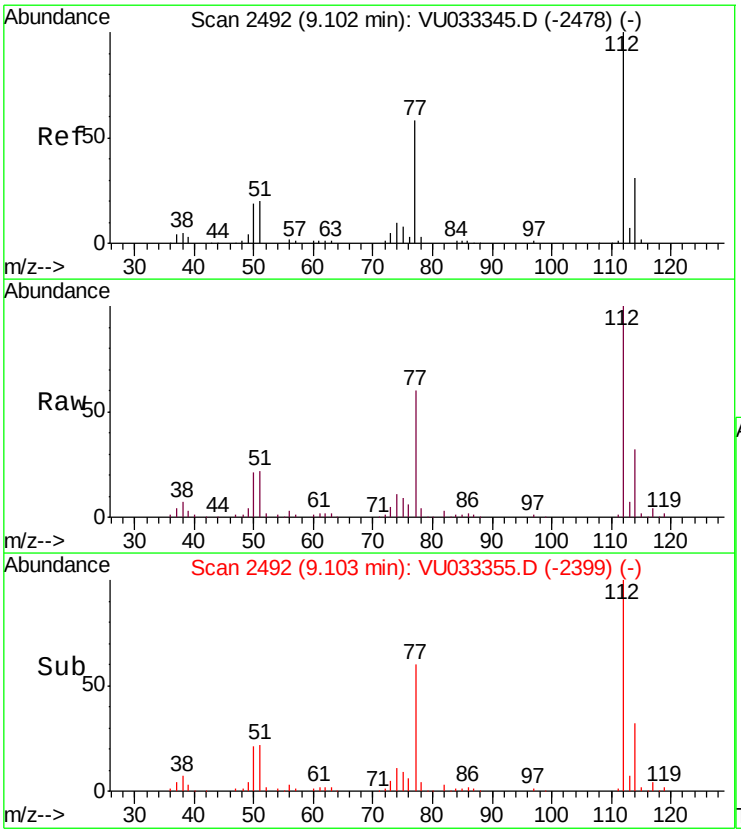
#42
Toluene
Concen: 5.171 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Instrument :
MSVOA_U
ClientSampleId :
A52J2MSD

Tgt Ion: 91 Resp: 172353

Ion	Ratio	Lower	Upper
91	100		
92	55.8	40.0	74.2

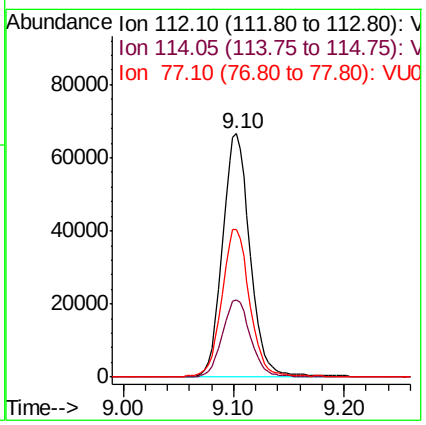


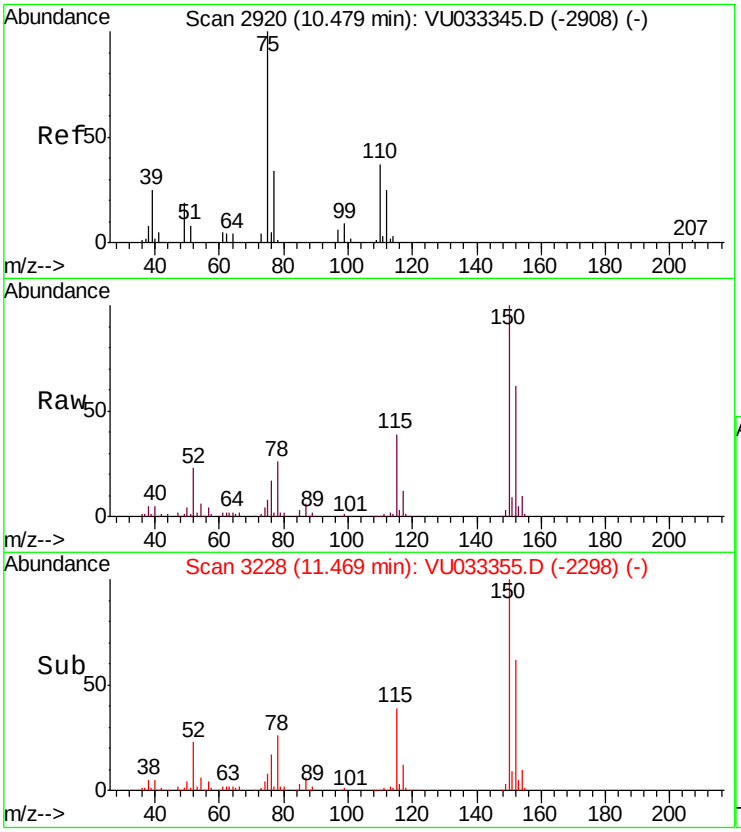


#51
Chlorobenzene
Concen: 5.257 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Tgt Ion:112 Resp: 115006

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.1	41.1
77	60.4	46.9	70.3



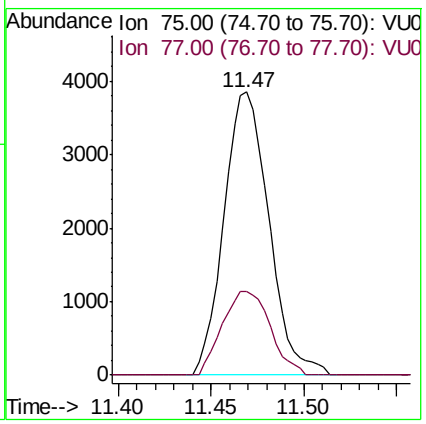


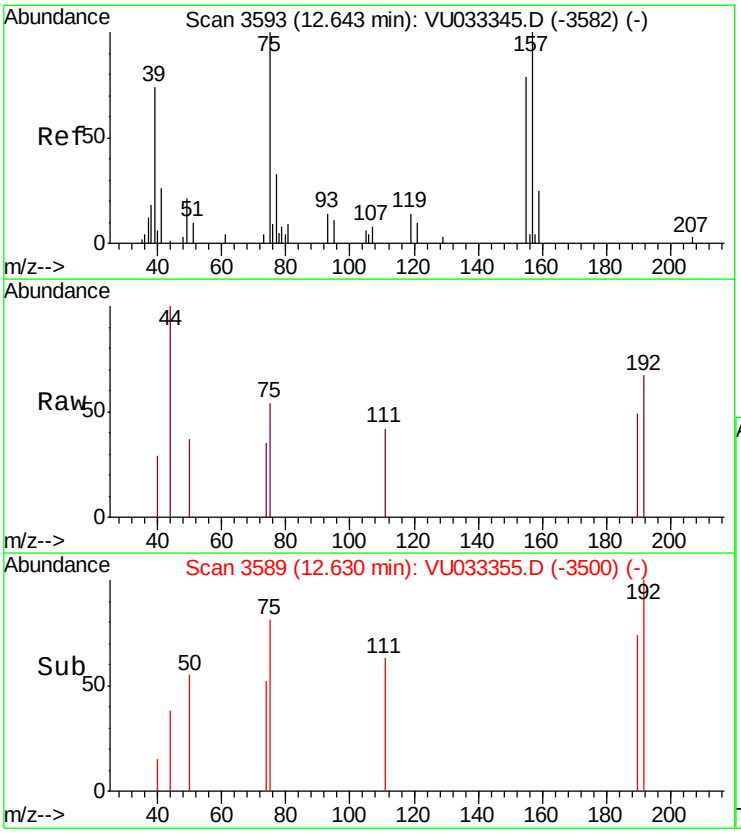
#59
1,2,3-Trichloropropane
Concen: 1.186 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Instrument : MSVOA_U
ClientSampleId : A52J2MSD

Tgt Ion: 75 Resp: 6493

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.5	39.7#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.422 ug/L
RT: 12.63 min Scan# 3589
Delta R.T. -0.01 min
Lab File: VU033355.D
Acq: 20 Jul 2019 02:20

Tgt Ion: 75 Resp: 455

Ion	Ratio	Lower	Upper
75	100		
155	0.0	67.1	100.7#
157	0.0	83.7	125.5#