Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072519\

Quantitation Report (Not Reviewed)

Data File : VU033408.D
Acq On : 25 Jul 2019 14:21
Operator : JC/SP
Sample : K3957-08MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A12MSD

Quant Time: Jul 26 04:37:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:32:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	275194	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	123834	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	78434	37.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.30%			
7) Chloroethane-d5	1.67	69	79522	44.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.36%			
11) 1,1-Dichloroethene-d2	2.26	63	164130	43.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.88%			
21) 2-Butanone-d5	4.15	46	131688	99.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.77%			
24) Chloroform-d	4.62	84	155875	44.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.30%			
26) 1,2-Dichloroethane-d4	5.29	65	109251	48.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.58%			
32) Benzene-d6	5.32	84	308668	44.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.12%			
36) 1,2-Dichloropropane-d6	6.31	67	105165	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.78%			
41) Toluene-d8	7.55	98	274721	42.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.10%			
43) trans-1,3-Dichloropropene-	7.83	79	47183	43.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.72%			
47) 2-Hexanone-d5	8.29	63	95052	95.02	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.02%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	165931	49.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.82%			
64) 1,2-Dichlorobenzene-d4	11.85	152	112507	50.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.90%			
Target Compounds						Qvalue
8) Chloroethane	1.56	64	979	0.521	ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1220	0.650	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	95411	51.943	ug/L	89
13) Acetone	2.31	43	9337	5.662	ug/L	96
25) Chloroform	4.65	83	8261	2.129	ug/L	99
27) 1,2-Dichloroethane	5.36	62	3864	1.286	ug/L #	76
33) Benzene	5.37	78	427727	51.941	ug/L	100
34) Trichloroethene	6.16	95	182541	84.759	ug/L	98
37) 1,2-Dichloropropane	6.31	63	11453	5.128	ug/L #	88
42) Toluene	7.62	91	474437	53.439	ug/L	100
44) trans-1,3-Dichloropropene	7.83	75	2020	0.654	ug/L	86
51) Chlorobenzene	9.10	112	305819	52.774	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072519\

Quantitation Report (Not Reviewed)

Data File : VU033408.D
Acq On : 25 Jul 2019 14:21
Operator : JC/SP
Sample : K3957-08MSD
Misc : 5.0mL/MSVOA_U/WATER
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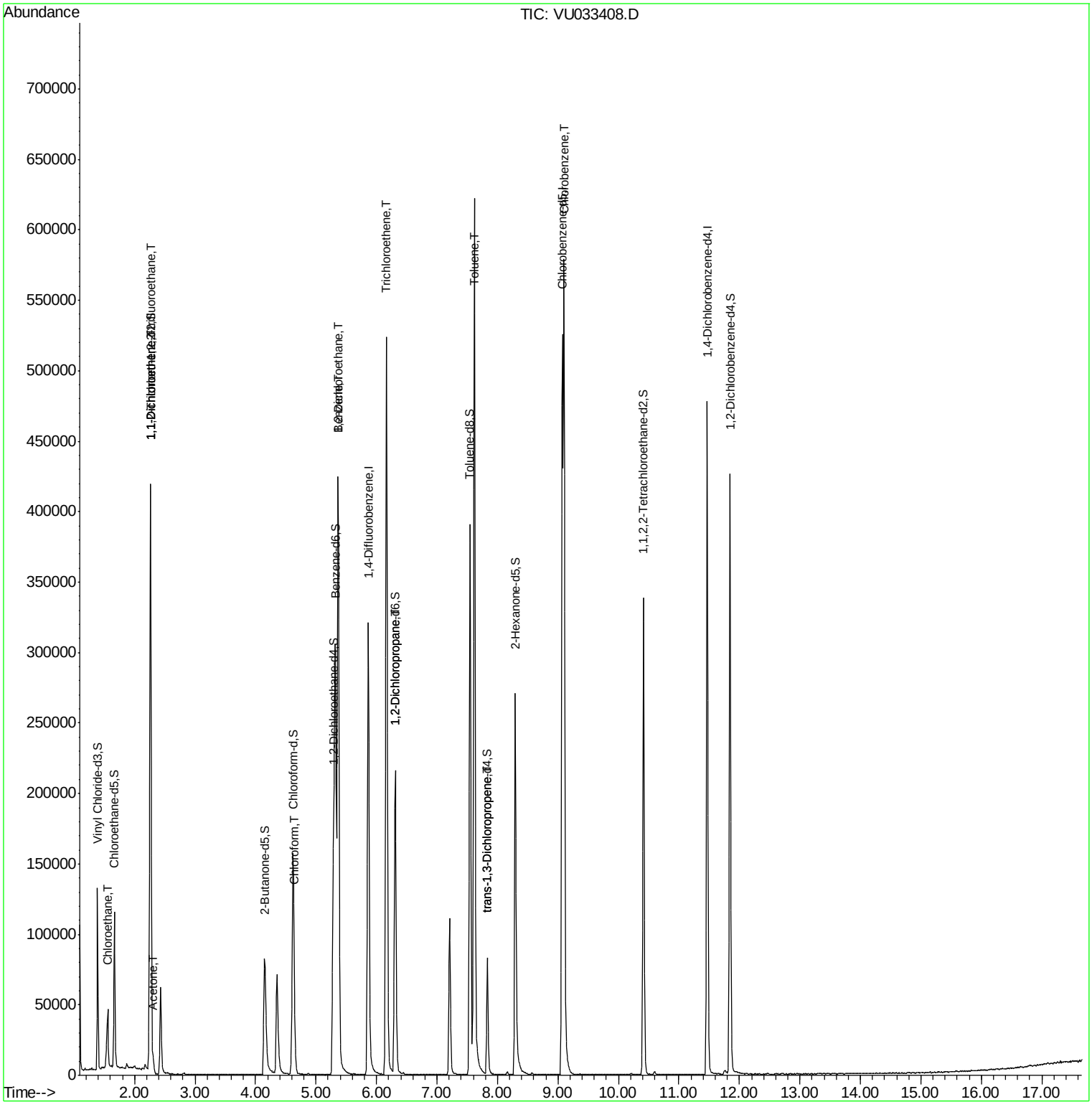
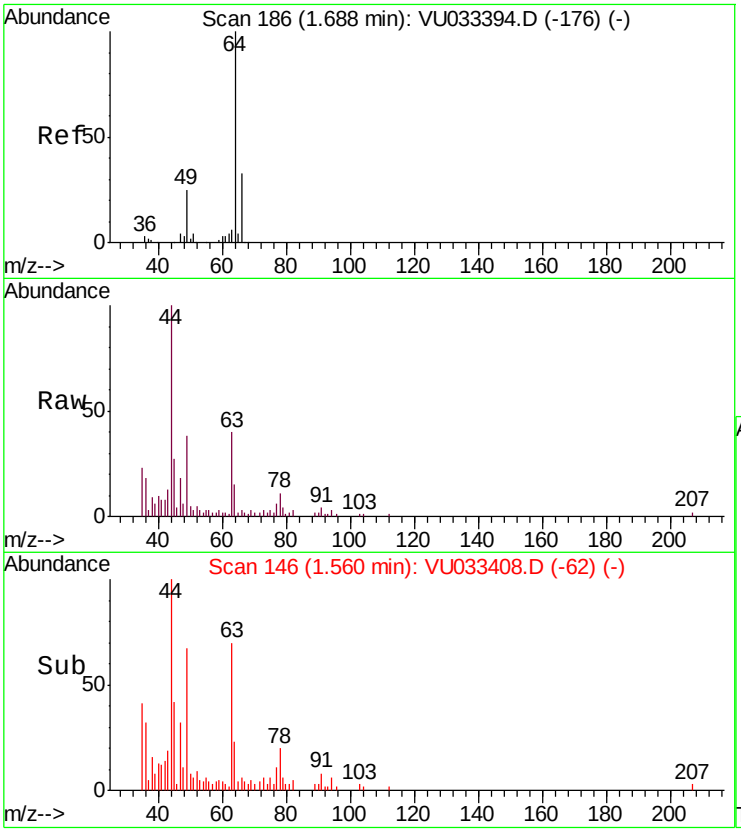
Instrument :
MSVOA_U
ClientSampleId :
F2A12MSD

Quant Time: Jul 26 04:37:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:32:42 2019
Response via : Initial Calibration



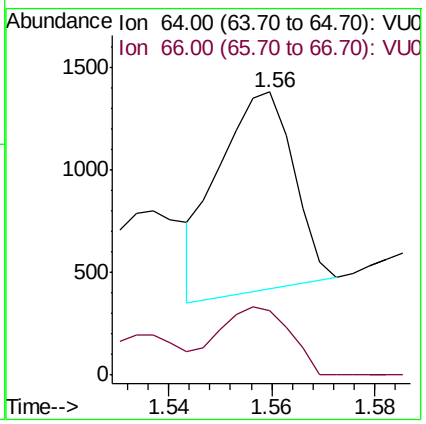


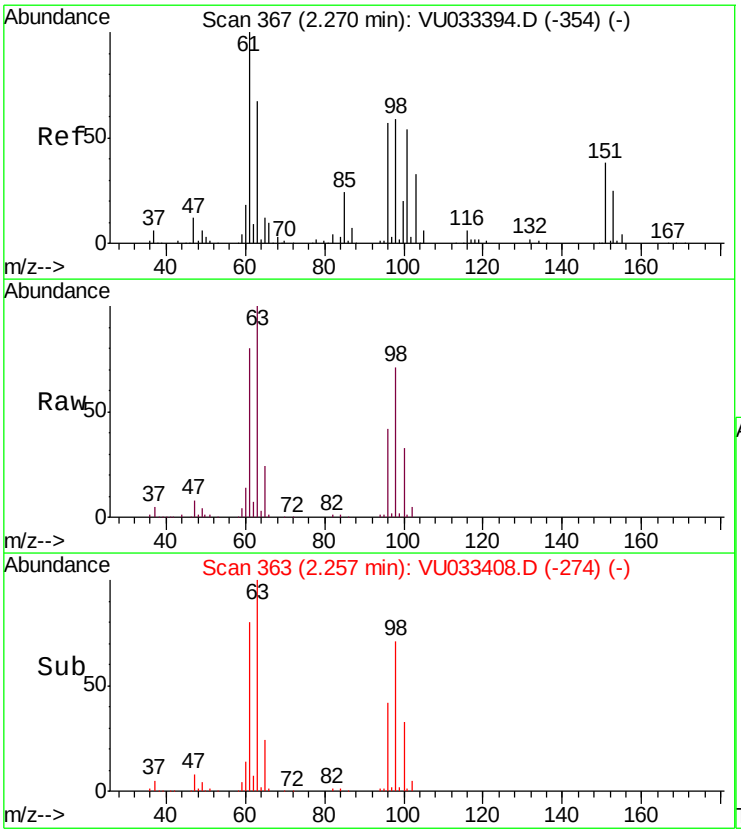
#8
Chloroethane
Concen: 0.521 ug/L
RT: 1.56 min Scan# 146
Delta R.T. -0.13 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Instrument :
MSVOA_U
ClientSampleId :
F2A12MSD

Tgt Ion: 64 Resp: 979

Ion	Ratio	Lower	Upper
64	100		
66	22.8	21.6	40.0

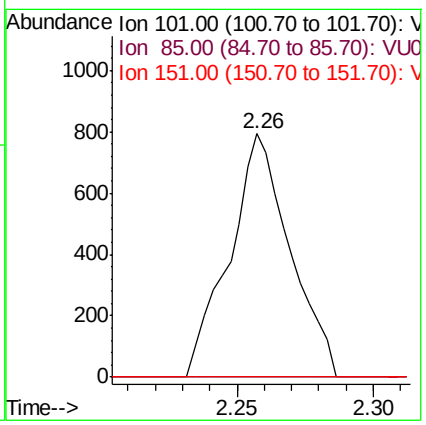


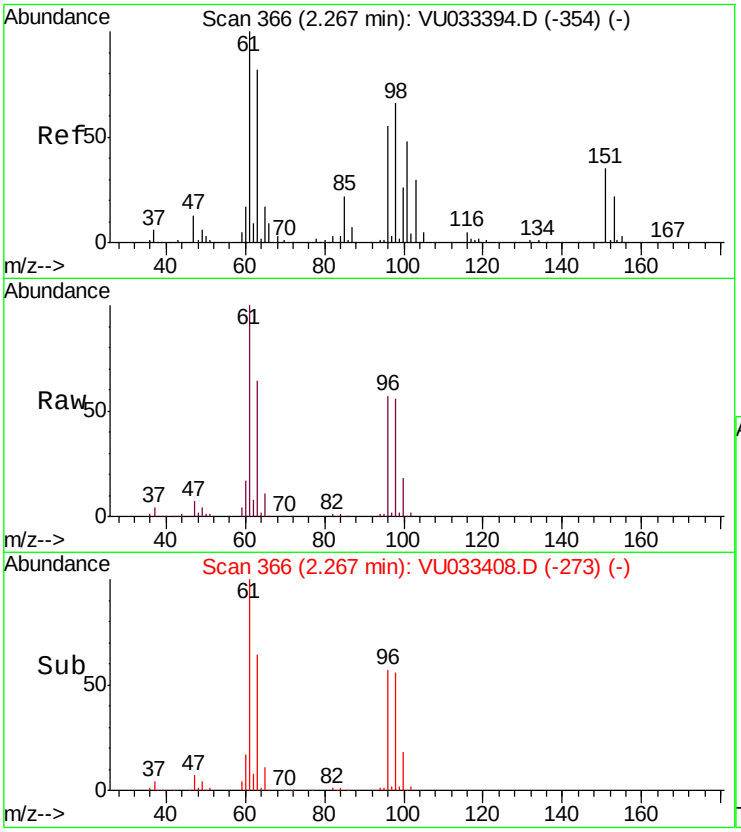


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.650 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Tgt Ion:101 Resp: 1220

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.8#
151	0.0	56.7	85.1#



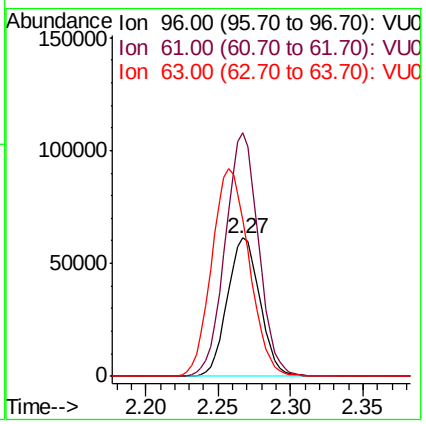


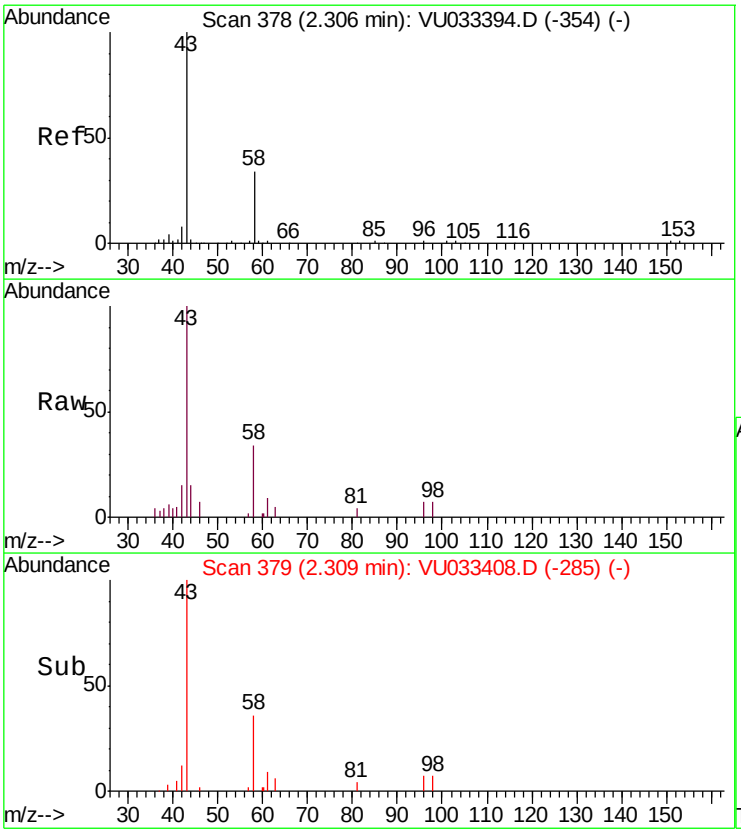
#12
1,1-Dichloroethene
Concen: 51.943 ug/L
RT: 2.27 min Scan# 366
Delta R.T. 0.00 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Instrument :
MSVOA_U
ClientSampleId :
F2A12MSD

Tgt Ion: 96 Resp: 95411

Ion	Ratio	Lower	Upper
96	100		
61	176.2	126.1	234.1
63	112.9	96.8	179.8

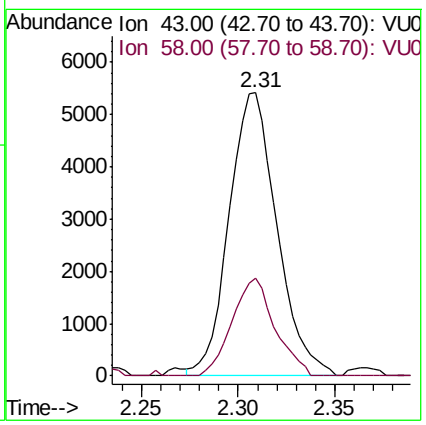


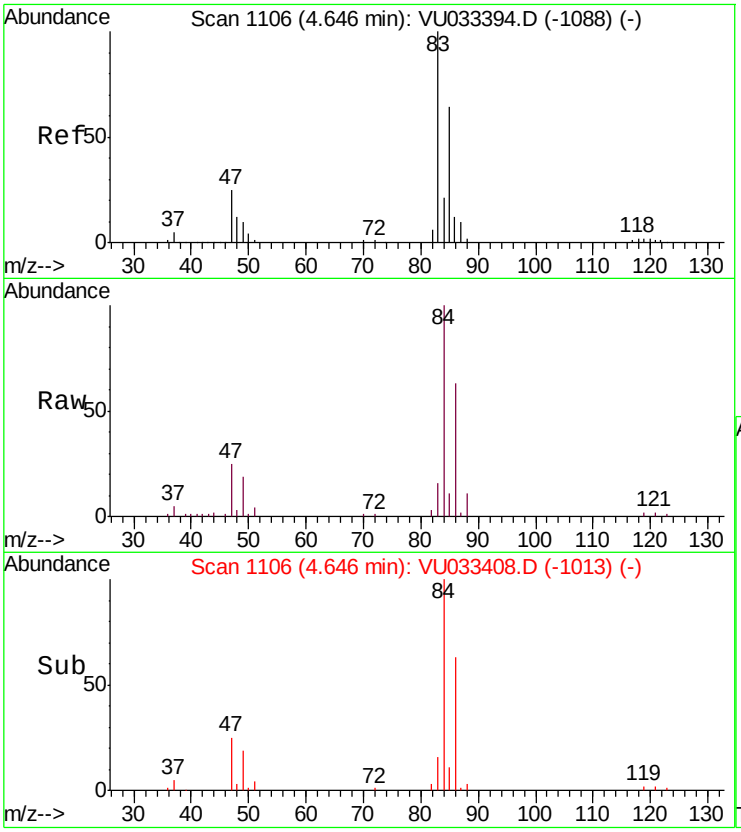


#13
Acetone
Concen: 5.662 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Tgt Ion: 43 Resp: 9337

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	65.4



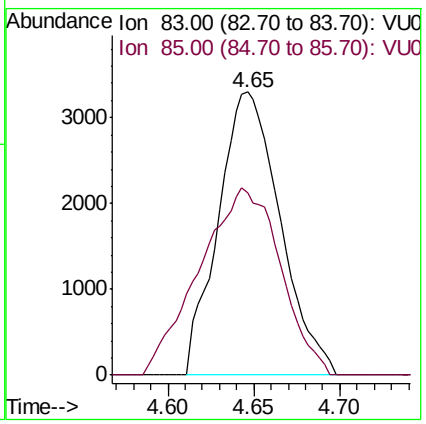


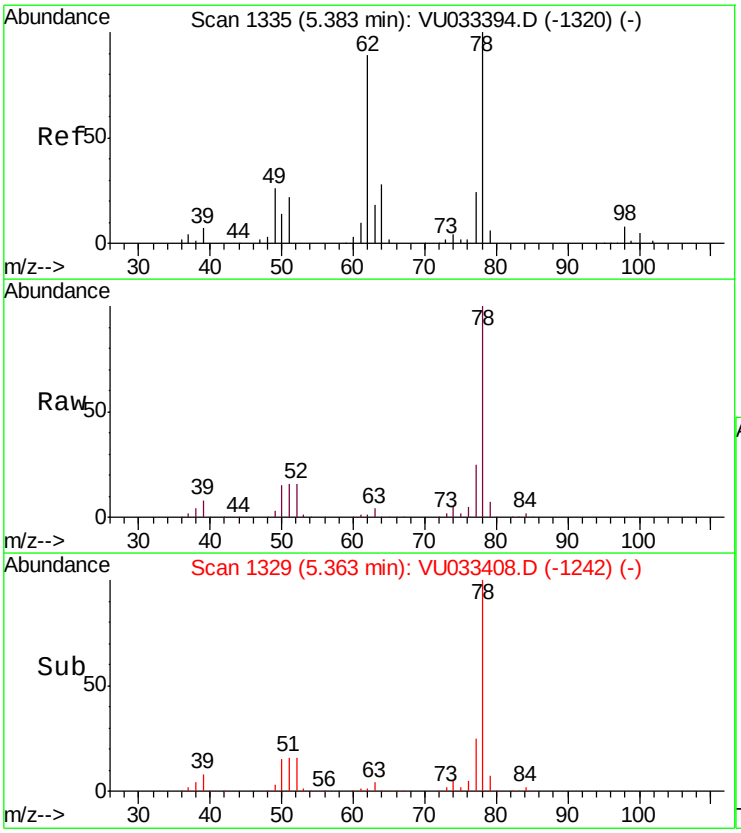
#25
Chloroform
Concen: 2.129 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Instrument :
MSVOA_U
ClientSampleId :
F2A12MSD

Tgt Ion: 83 Resp: 8261

Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.4	84.4

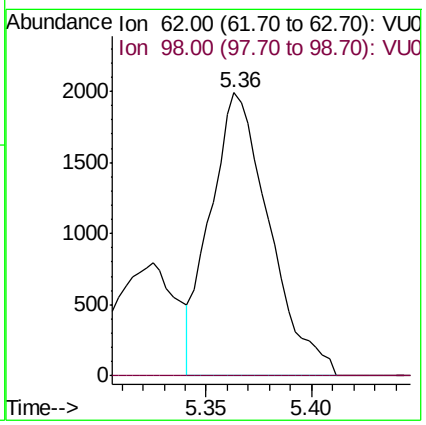


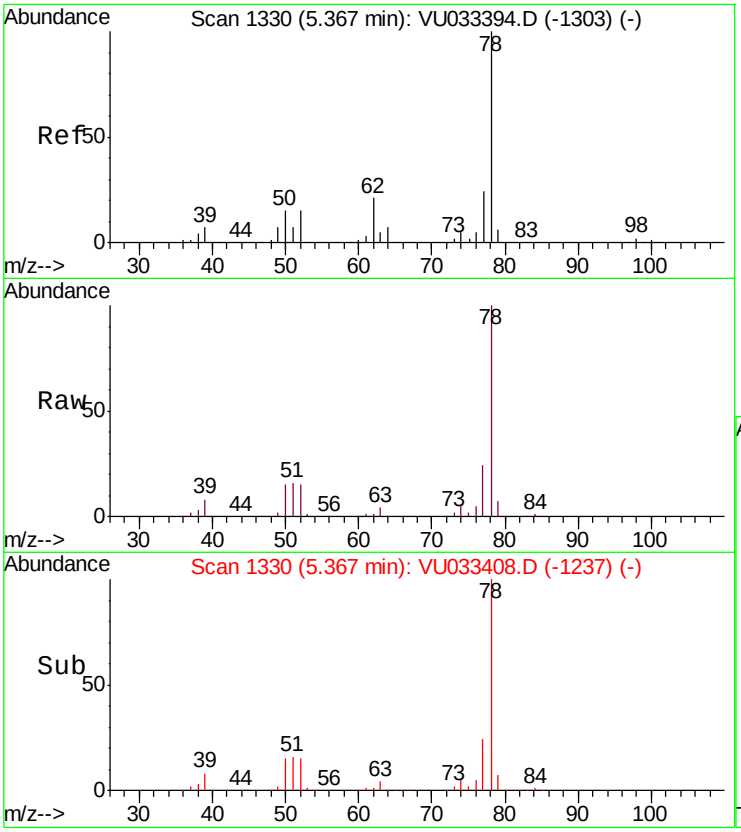


#27
1,2-Dichloroethane
Concen: 1.286 ug/L
RT: 5.36 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Tgt Ion: 62 Resp: 3864

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.6#

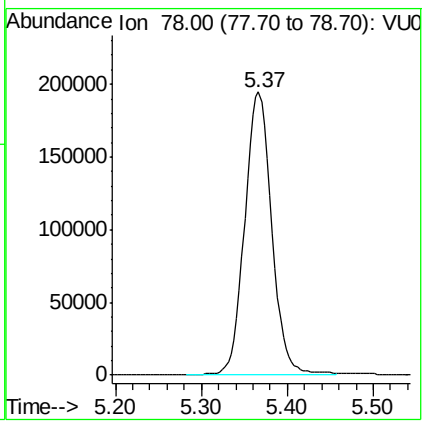


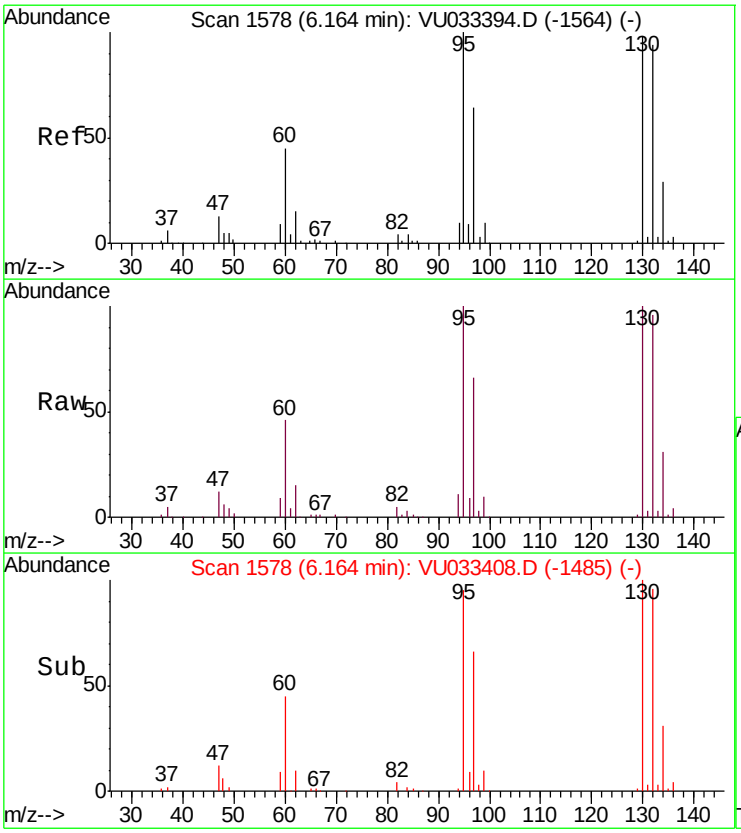


#33
Benzene
Concen: 51.941 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Instrument :
MSVOA_U
ClientSampleId :
F2A12MSD

Tgt Ion: 78 Resp: 427727

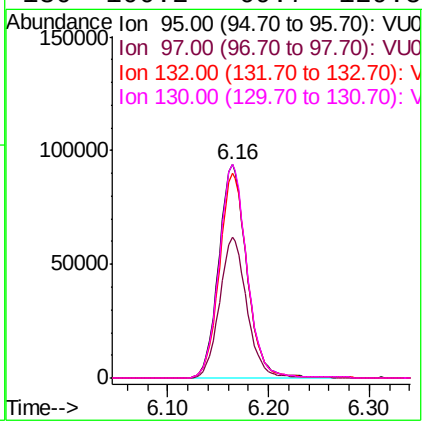


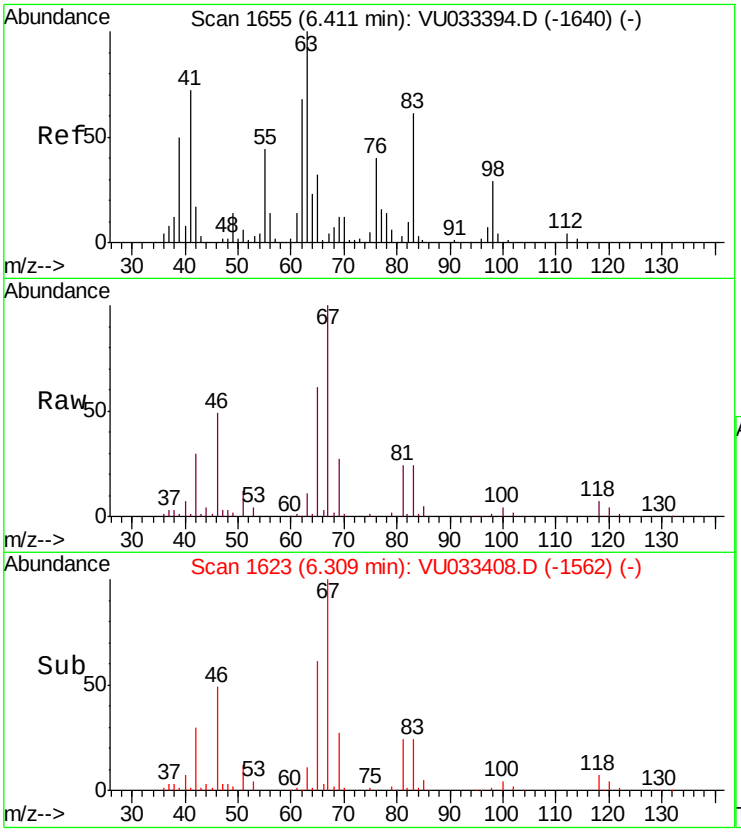


#34
Trichloroethene
Concen: 84.759 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Tgt Ion: 95 Resp: 182541

Ion	Ratio	Lower	Upper
95	100		
97	65.7	43.8	81.4
132	95.8	65.5	121.6
130	100.2	69.7	129.5



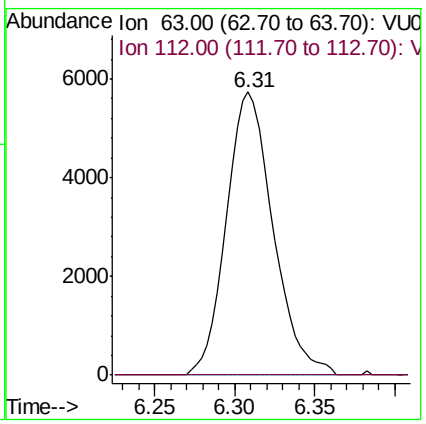


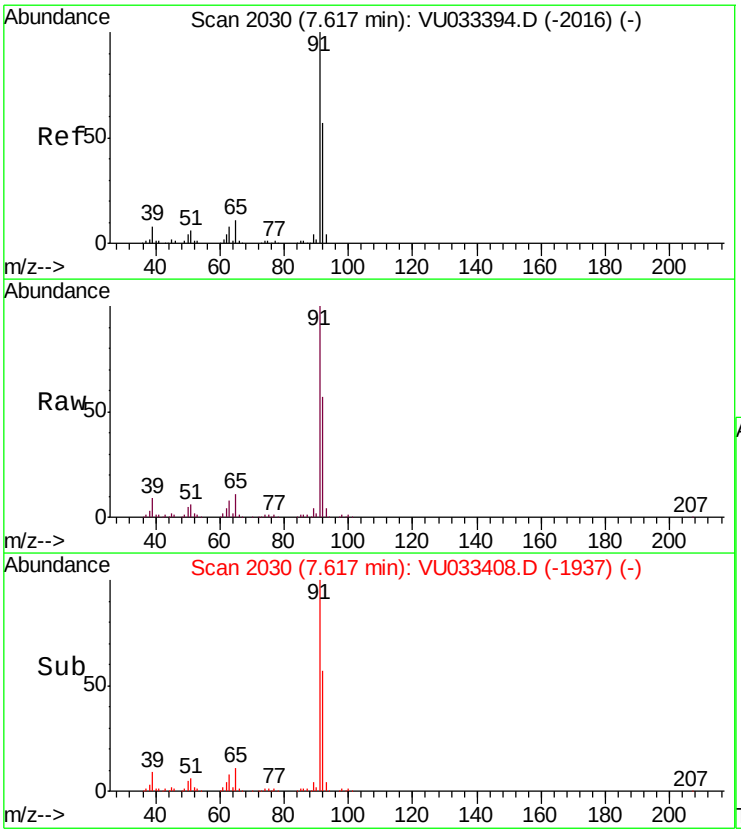
#37
1,2-Dichloropropane
Concen: 5.128 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Instrument :
MSVOA_U
ClientSampleId :
F2A12MSD

Tgt Ion: 63 Resp: 11453

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

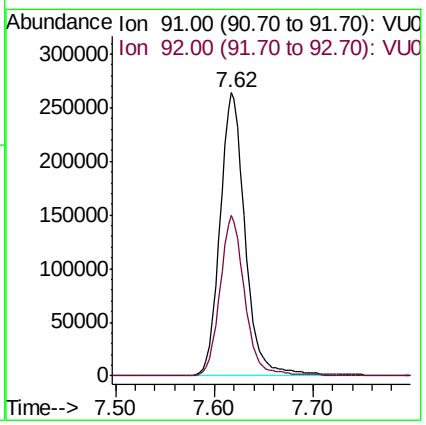


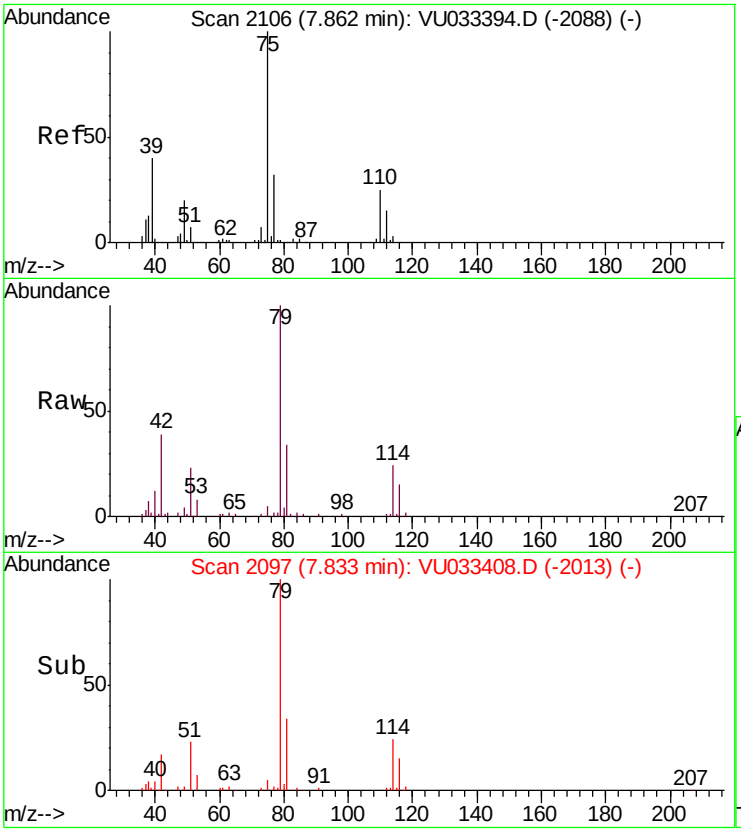


#42
Toluene
Concen: 53.439 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Tgt Ion: 91 Resp: 474437

Ion	Ratio	Lower	Upper
91	100		
92	56.6	39.8	74.0



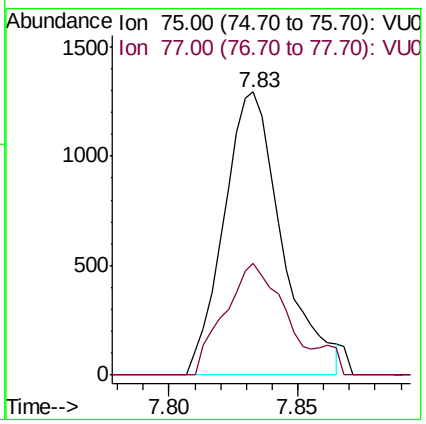


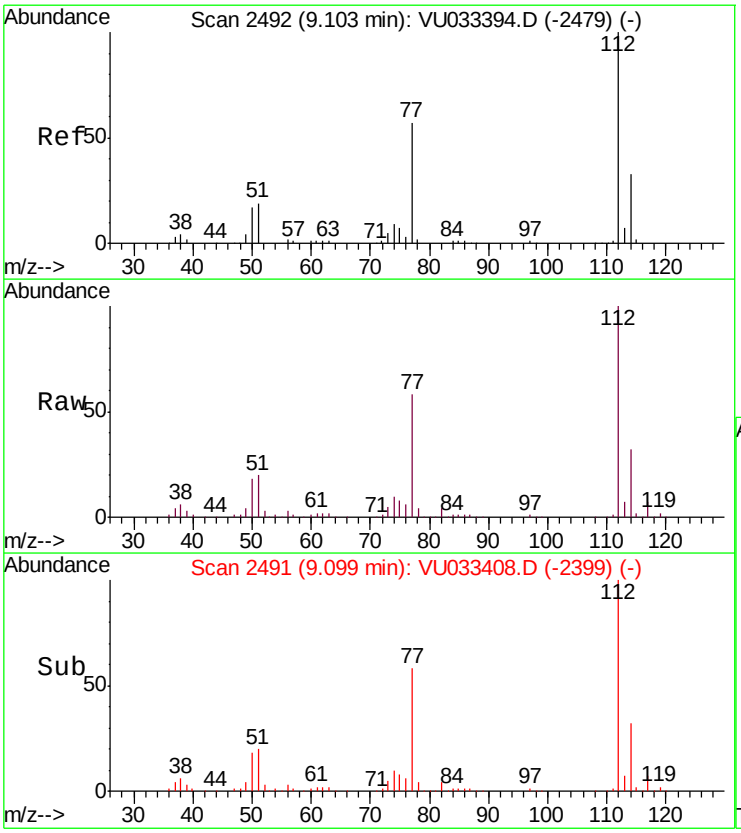
#44
trans-1,3-Dichloropropene
Concen: 0.654 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Instrument :
MSVOA_U
ClientSampleId :
F2A12MSD

Tgt Ion: 75 Resp: 2020

Ion	Ratio	Lower	Upper
75	100		
77	39.6	22.4	41.6





#51
Chlorobenzene
Concen: 52.774 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU033408.D
Acq: 25 Jul 2019 14:21

Tgt Ion:112 Resp: 305819

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.3
77	57.9	47.2	70.8