Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101520\
Data File : VU040719.D
Acq On : 15 Oct 2020 14:45
Operator : SY/MD
Sample : L4419-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH4

Quant Time: Oct 16 04:32:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 04:23:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118872	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55434	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	41521	4.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.20%			
7) Chloroethane-d5	1.92	69	36602	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.58	63	65374	3.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.00%			
20) 2-Butanone-d5	4.66	46	166679	52.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.76%			
24) Chloroform-d	5.08	84	86471	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.72	65	53220	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.75	84	154645	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.70	67	54516	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.91	98	123852	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.00%			
43) trans-1,3-Dichloropropene-	8.19	79	20695	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.64	63	111346	44.43	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.86%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	47054	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51779	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	508	0.050	ug/L	97
12) 1,1-Dichloroethene	2.58	96	457	0.054	ug/L #	1
13) Acetone	2.66	43	11722	4.798	ug/L	92
21) 2-Butanone	4.74	43	16601	4.358	ug/L	93
25) Chloroform	5.11	83	2911	0.155	ug/L	99
35) Methylcyclohexane	6.70	83	13320	0.880	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	6489	0.565	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1530	0.098	ug/L #	24
42) Toluene	7.98	91	2571	0.061	ug/L	98
44) trans-1,3-Dichloropropene	8.19	75	1107	0.077	ug/L #	63
48) 2-Hexanone	8.69	43	7396	1.086	ug/L #	91
59) 1,2,3-Trichloropropane	11.81	75	7341	0.871	ug/L	90

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

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Instrument : MSVOA_U
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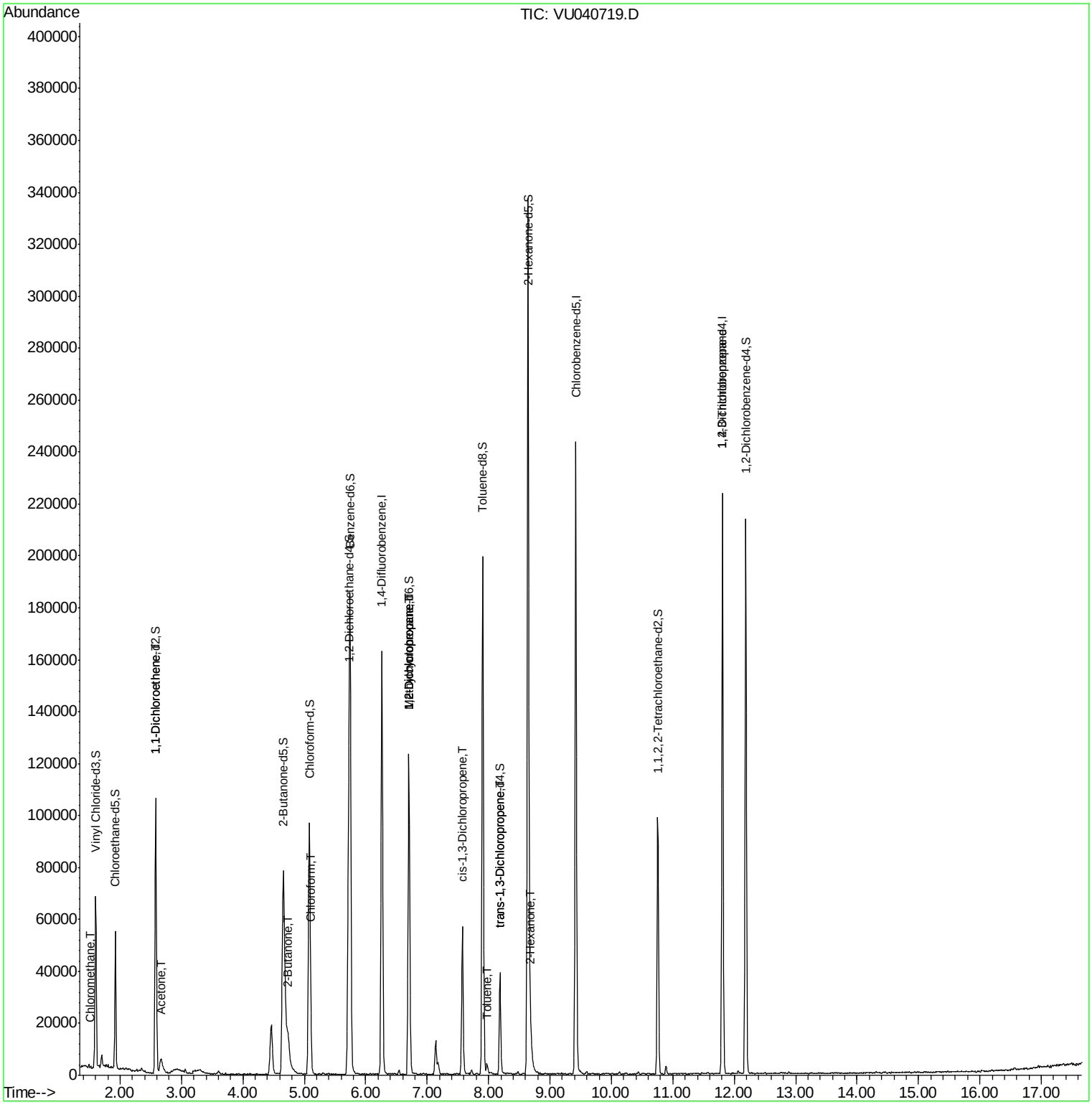
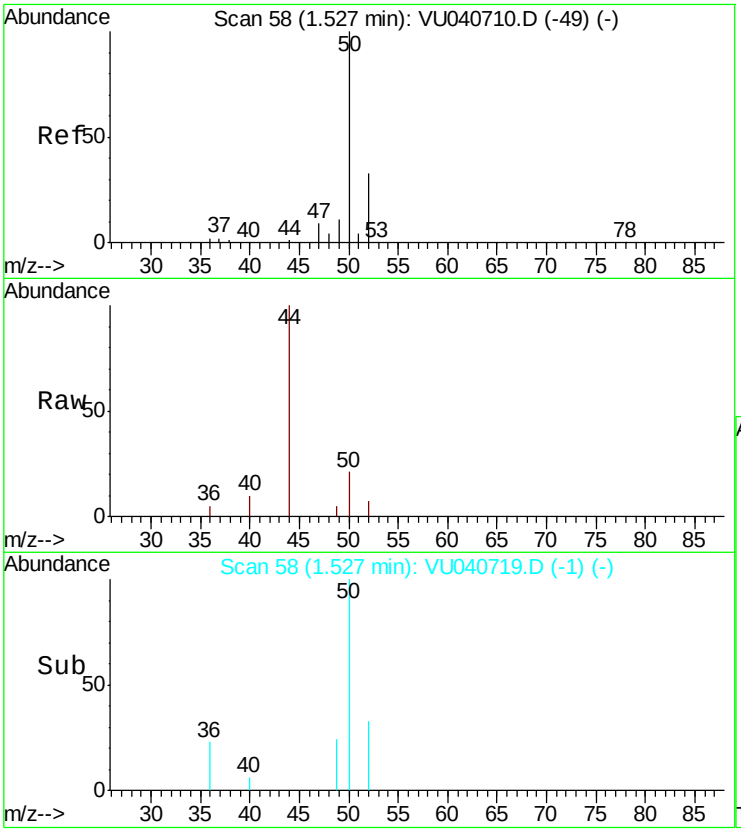
Quant Time: Oct 16 04:32:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 04:23:22 2020
Response via : Initial Calibration



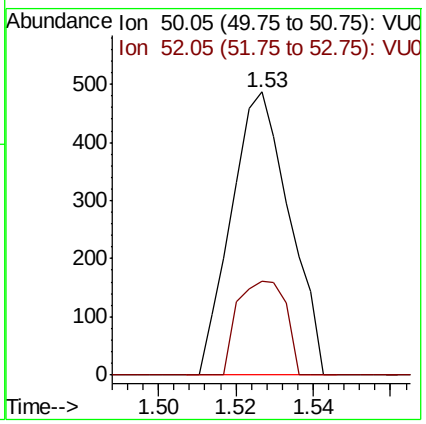


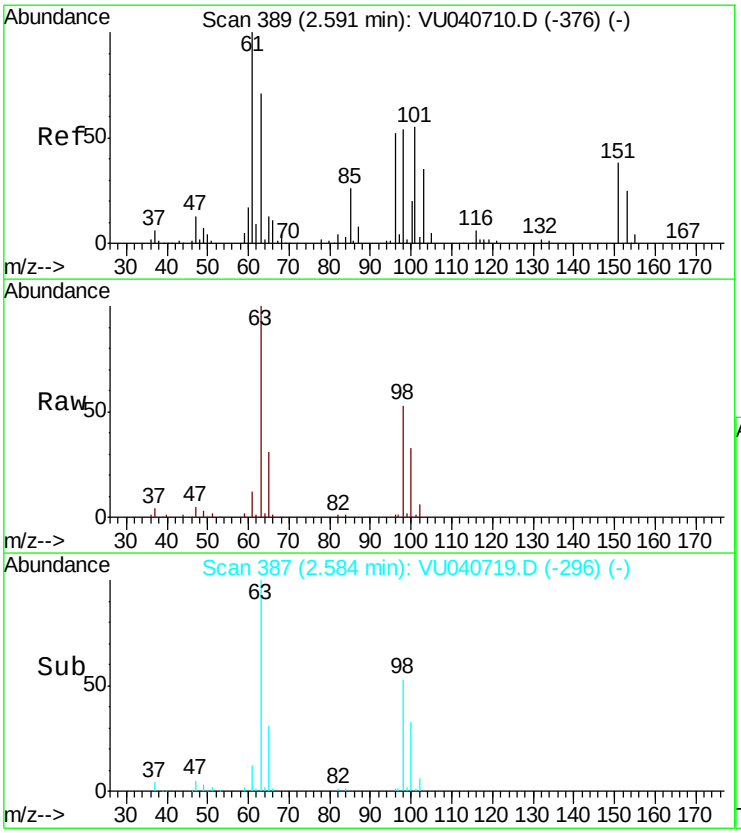
#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Instrument : MSVOA_U
ClientSampleId : C0AH4

Tgt Ion: 50 Resp: 508

Ion	Ratio	Lower	Upper
50	100		
52	33.1	21.9	40.7

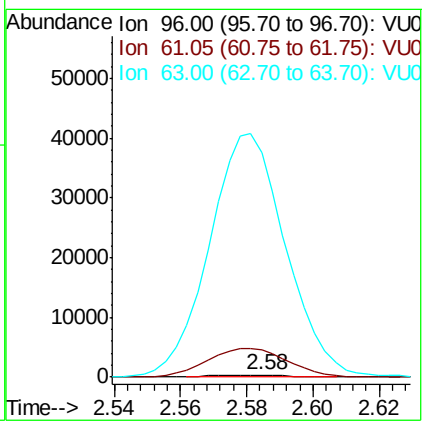


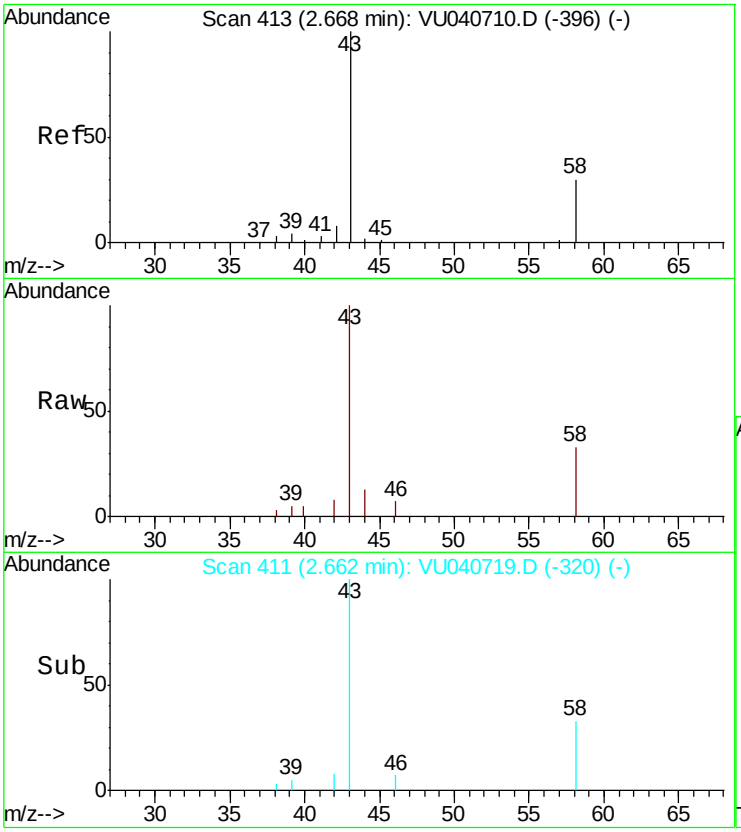


#12
1,1-Dichloroethene
Concen: 0.054 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Tgt Ion: 96 Resp: 457

Ion	Ratio	Lower	Upper
96	100		
61	1653.4	128.8	239.2#
63	13436.6	84.6	157.2#



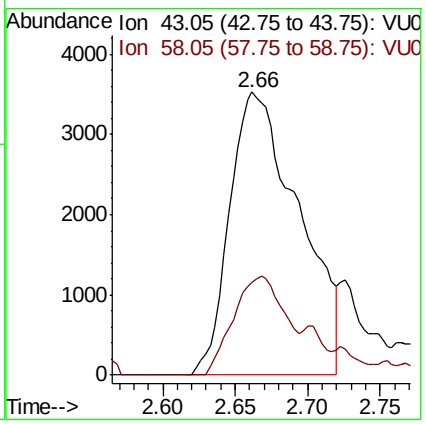


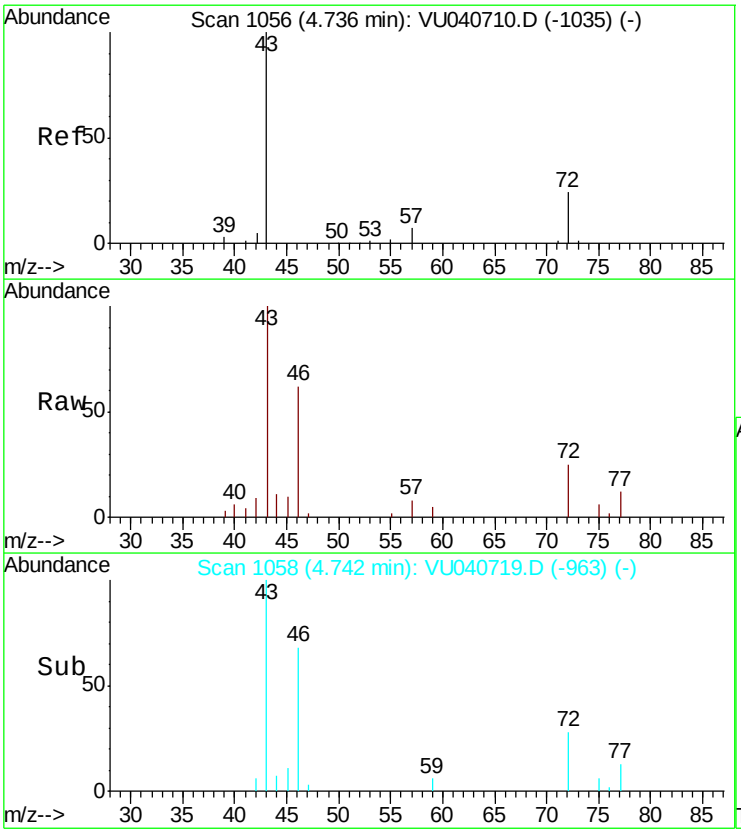
#13
Acetone
Concen: 4.798 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Instrument : MSVOA_U
ClientSampleId : C0AH4

Tgt Ion: 43 Resp: 11722

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	60.6

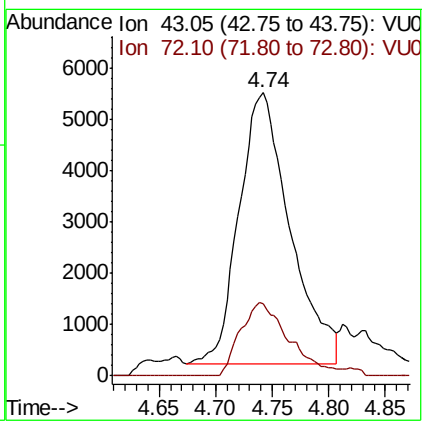


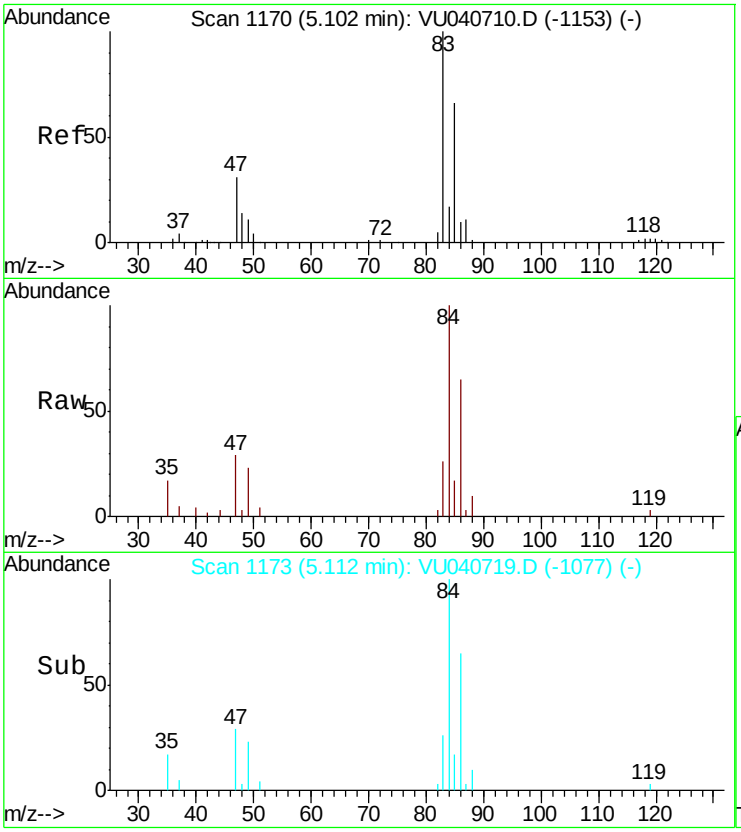


#21
2-Butanone
Concen: 4.358 ug/L
RT: 4.74 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Tgt Ion: 43 Resp: 16601

Ion	Ratio	Lower	Upper
43	100		
72	26.1	11.4	34.2



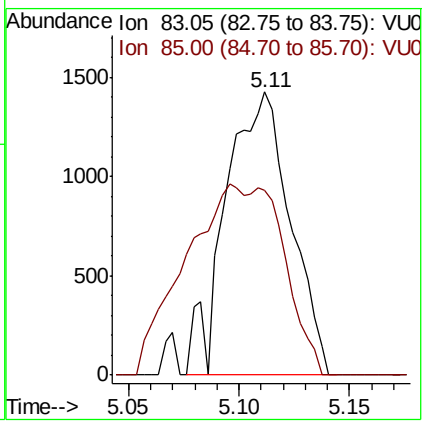


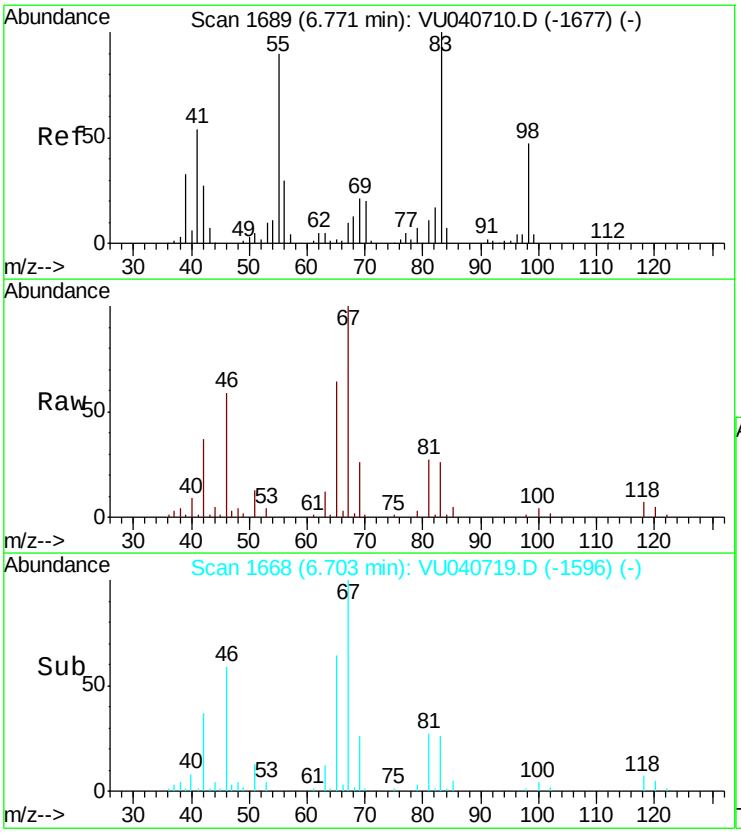
#25
Chloroform
Concen: 0.155 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Instrument :
MSVOA_U
ClientSampleId :
C0AH4

Tgt Ion: 83 Resp: 2911

Ion	Ratio	Lower	Upper
83	100		
85	65.5	46.5	86.5

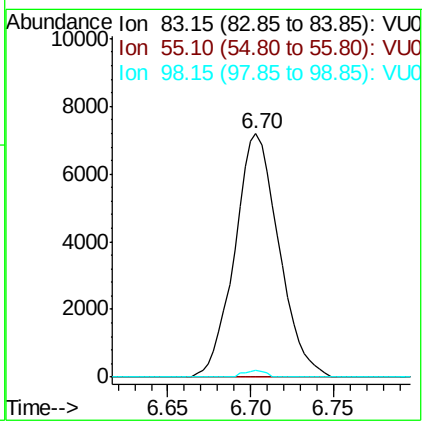


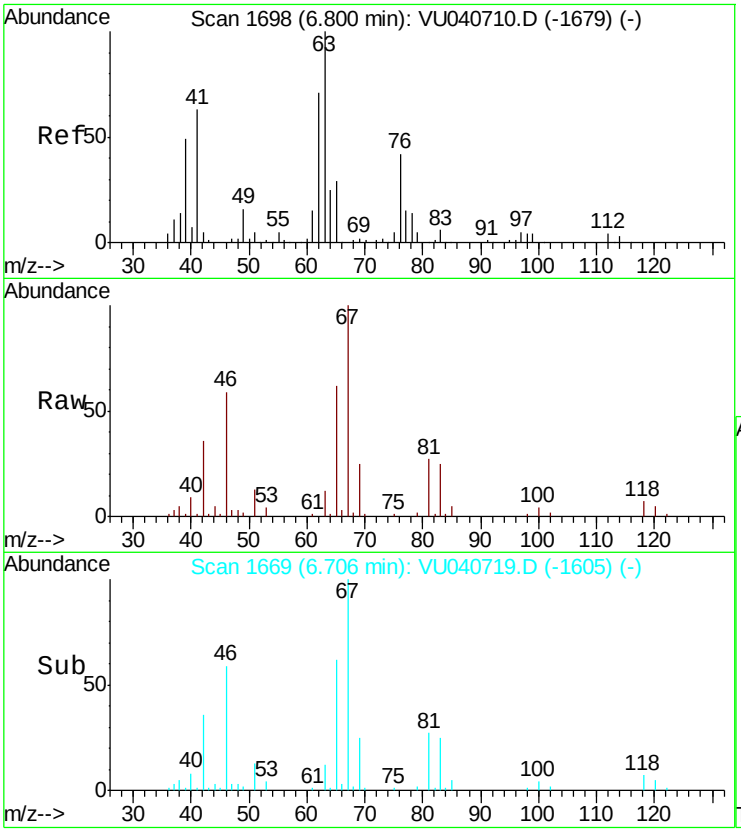


#35
Methylcyclohexane
Concen: 0.880 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Tgt Ion: 83 Resp: 13320

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	1.3	38.4	57.6#



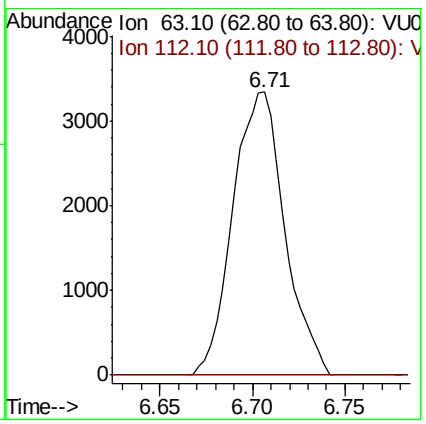


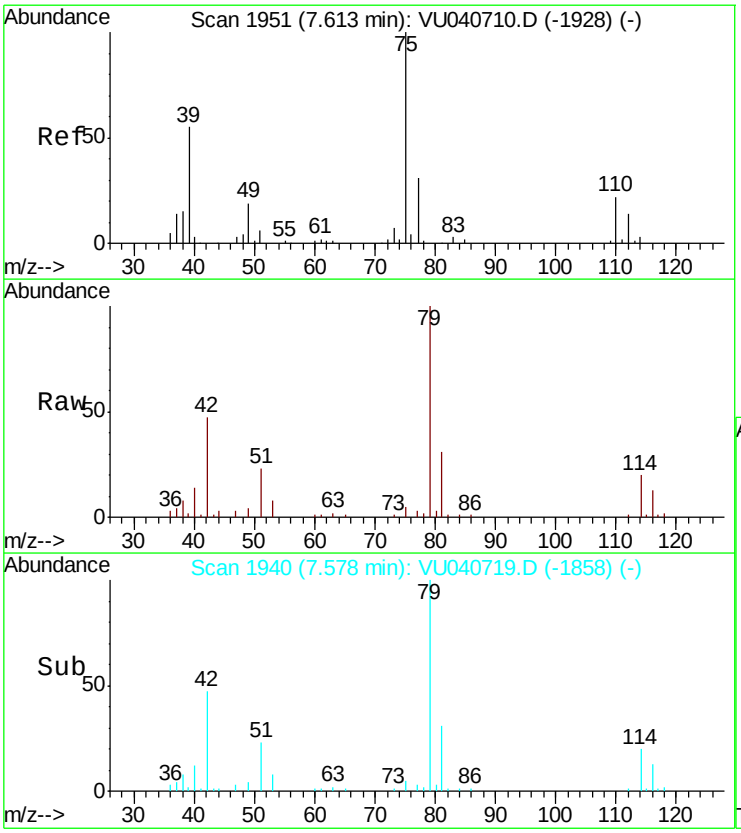
#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Instrument :
MSVOA_U
ClientSampleId :
C0AH4

Tgt Ion: 63 Resp: 6489

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

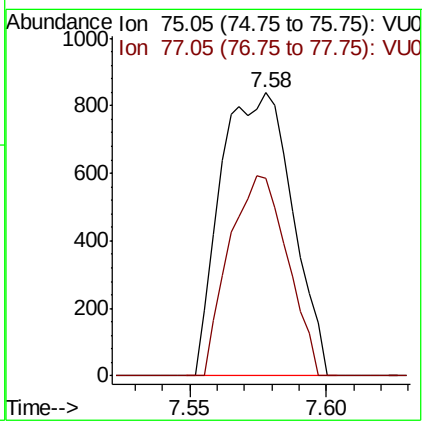


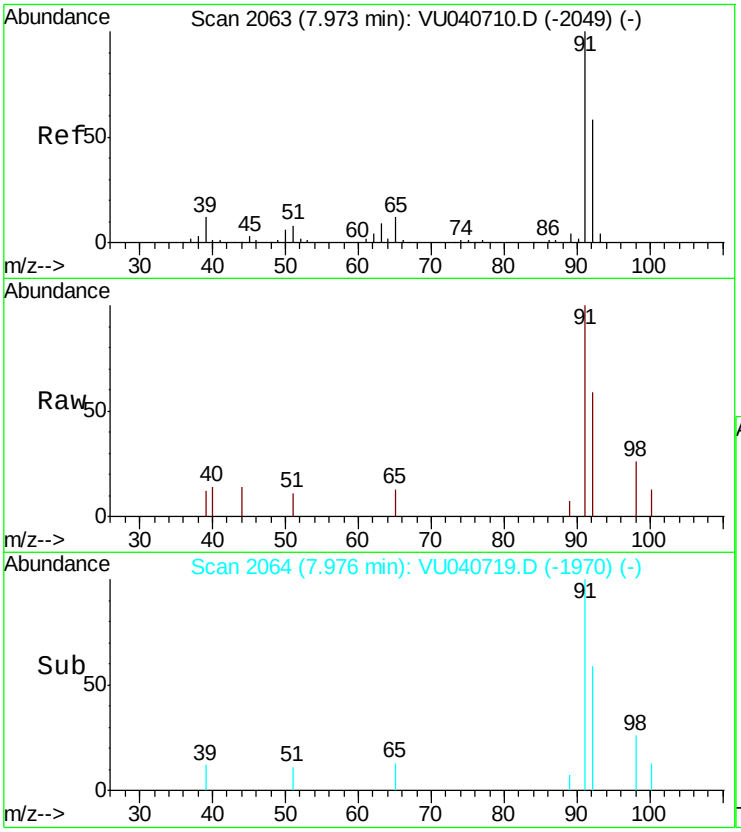


#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Tgt Ion: 75 Resp: 1530

Ion	Ratio	Lower	Upper
75	100		
77	69.9	20.5	38.1#



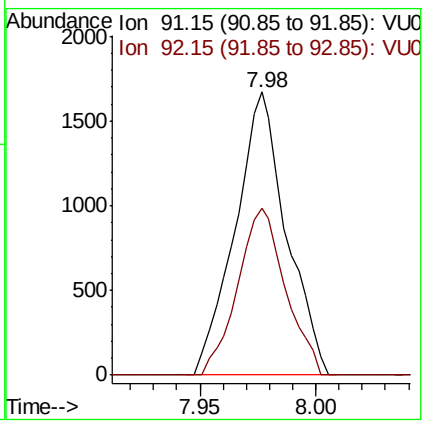


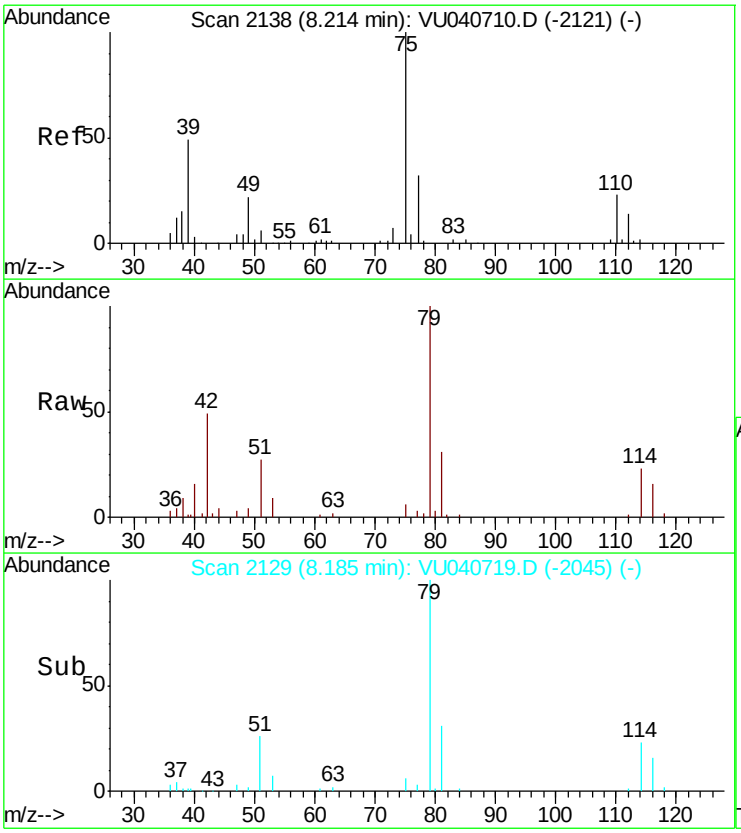
#42
Toluene
Concen: 0.061 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Instrument :
MSVOA_U
ClientSampleId :
C0AH4

Tgt Ion: 91 Resp: 2571

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.2	74.6

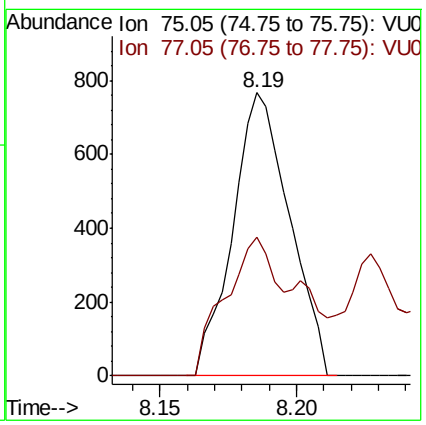


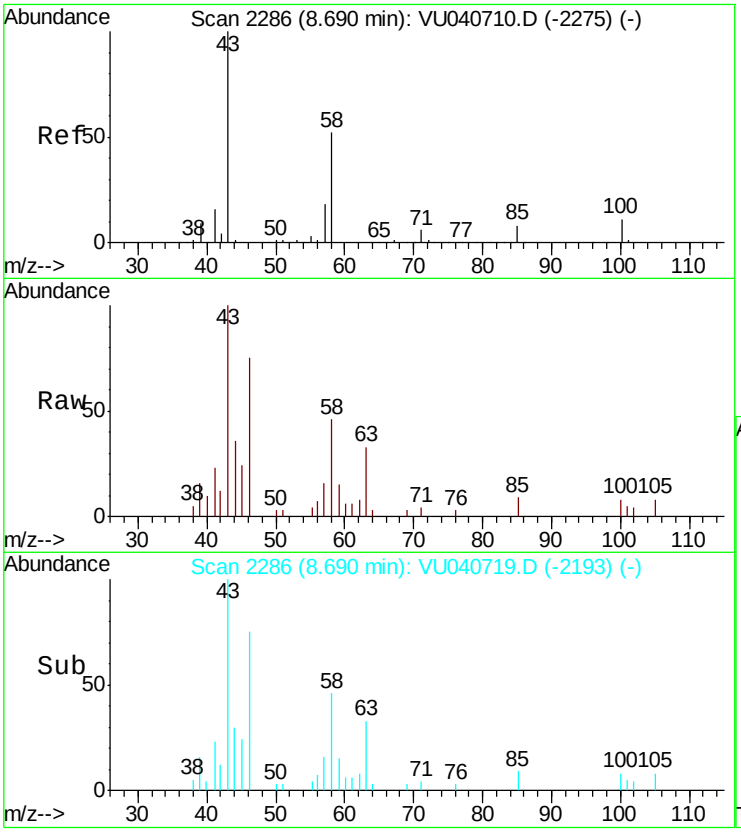


#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Tgt Ion: 75 Resp: 1107

Ion	Ratio	Lower	Upper
75	100		
77	49.0	20.4	38.0#



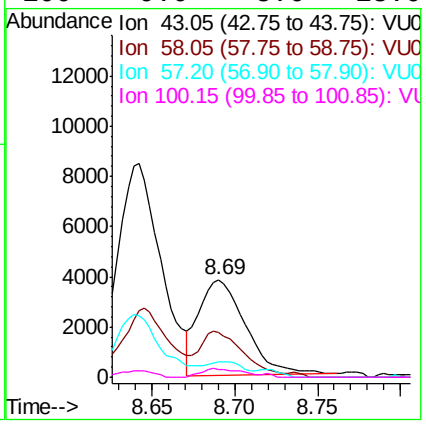


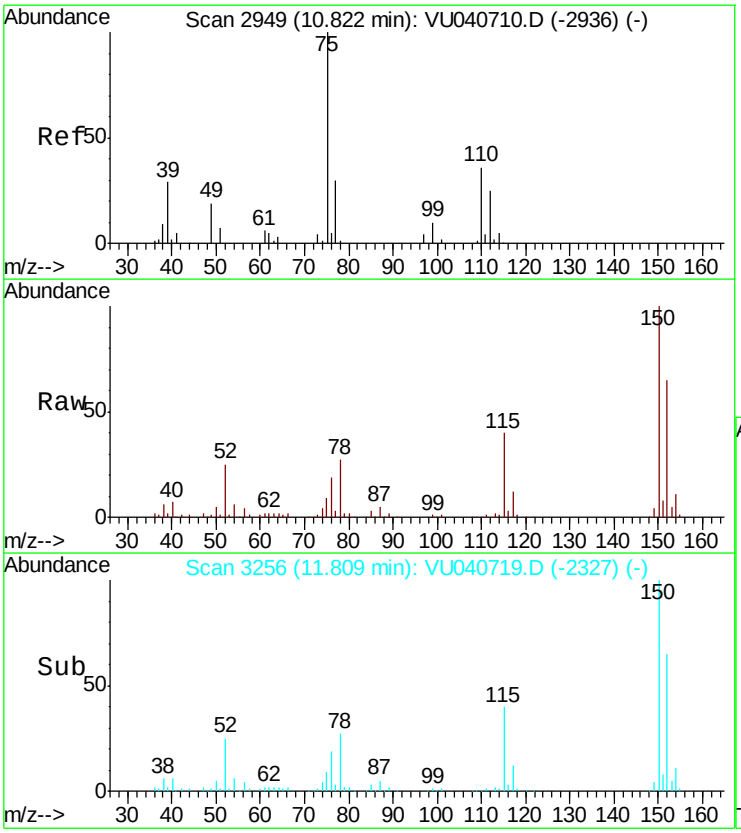
#48
2-Hexanone
Concen: 1.086 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Instrument : MSVOA_U
ClientSampleId : C0AH4

Tgt Ion: 43 Resp: 7396

Ion	Ratio	Lower	Upper
43	100		
58	45.8	41.0	61.6
57	11.6	14.4	21.6#
100	9.0	8.6	13.0





#59
1,2,3-Trichloropropane
Concen: 0.871 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040719.D
Acq: 15 Oct 2020 14:45

Tgt Ion: 75 Resp: 7341

Ion	Ratio	Lower	Upper
75	100		
77	38.9	26.4	39.6