Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092820\
Data File : VU040338.D
Acq On : 28 Sep 2020 17:56
Operator : SY/MD
Sample : L4147-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFZQ6

Quant Time: Sep 29 07:27:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136460	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	136328	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62663	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	36258	4.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.40%			
7) Chloroethane-d5	1.92	69	33751	5.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.80%			
11) 1,1-Dichloroethene-d2	2.58	63	59561	3.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.40%			
20) 2-Butanone-d5	4.65	46	161887	54.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.64%			
24) Chloroform-d	5.08	84	80939	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.72	65	50390	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
32) Benzene-d6	5.75	84	155059	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.70	67	52407	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.80%			
41) Toluene-d8	7.91	98	124541	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
43) trans-1,3-Dichloropropene-	8.19	79	18669	3.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%			
46) 2-Hexanone-d5	8.64	63	118909	52.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.18%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43036	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50740	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	12512	0.965	ug/L	97
8) Chloroethane	1.94	64	271	0.034	ug/L	99
13) Acetone	2.66	43	19210	6.963	ug/L	94
15) Methyl Acetate	2.97	43	821	0.119	ug/L #	54
25) Chloroform	5.11	83	3616	0.151	ug/L	98
35) Methylcyclohexane	6.70	83	12188	0.608	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6157	0.466	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1306	0.067	ug/L #	53
42) Toluene	7.97	91	1712	0.034	ug/L	85
44) trans-1,3-Dichloropropene	8.18	75	1314	0.073	ug/L	91
59) 1,2,3-Trichloropropane	11.81	75	8519	0.871	ug/L #	84
69) Naphthalene	14.08	128	1338	0.046	ug/L #	80

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

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Instrument : MSVOA_U
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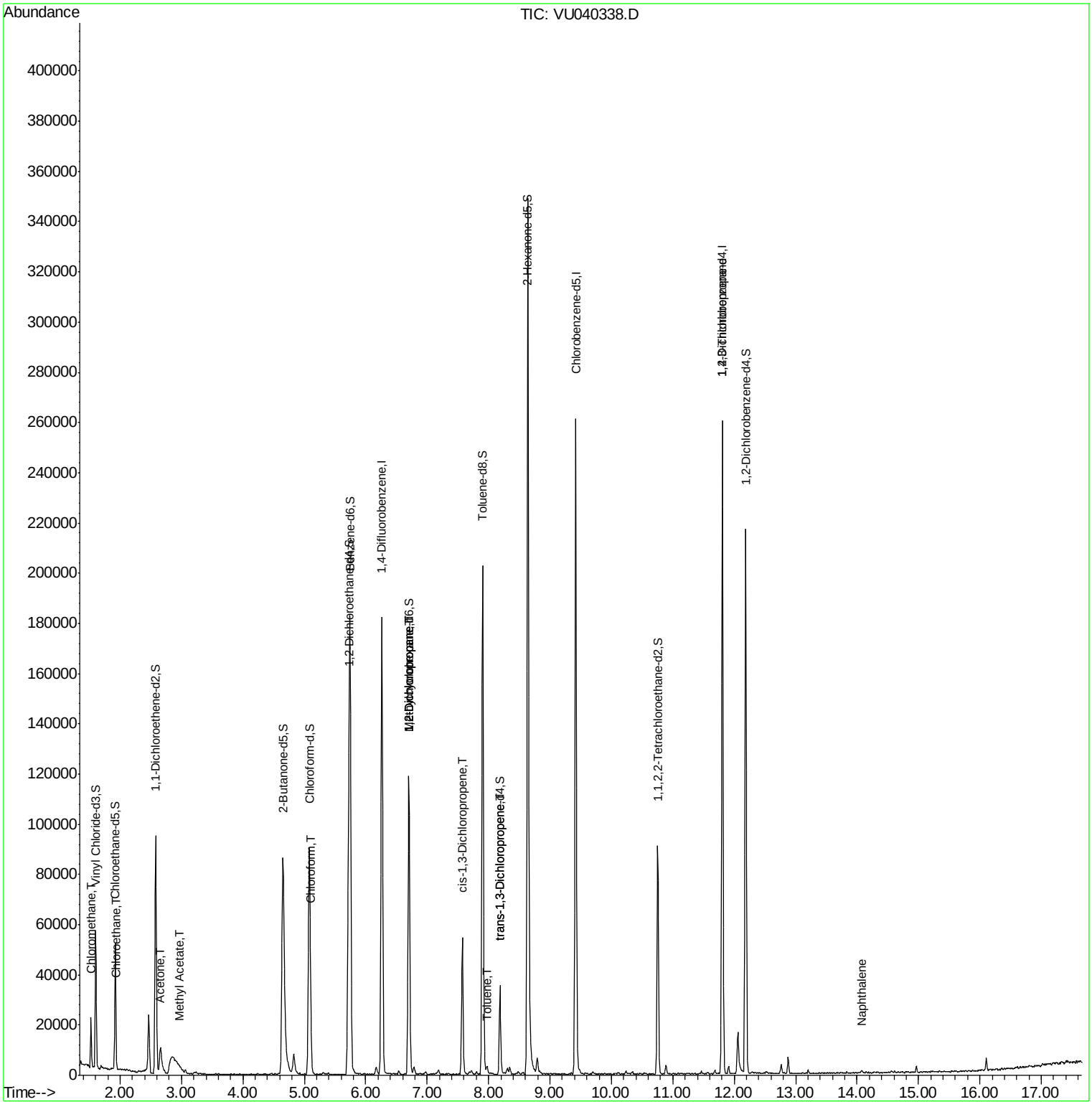
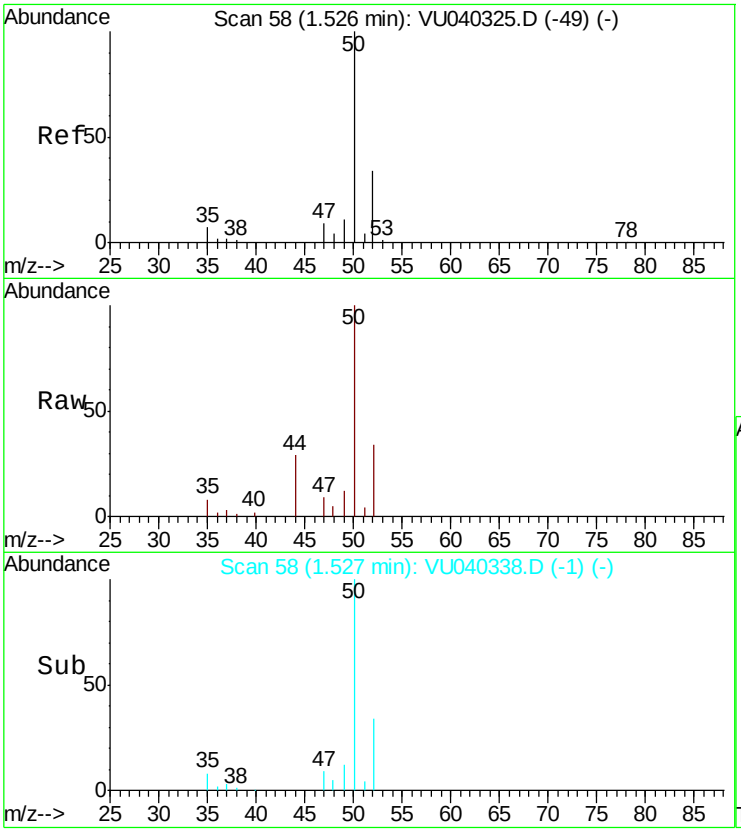
Quant Time: Sep 29 07:27:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration



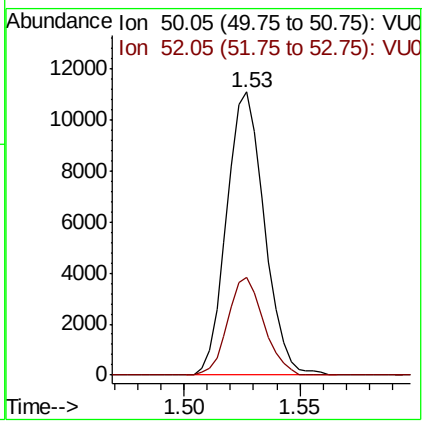


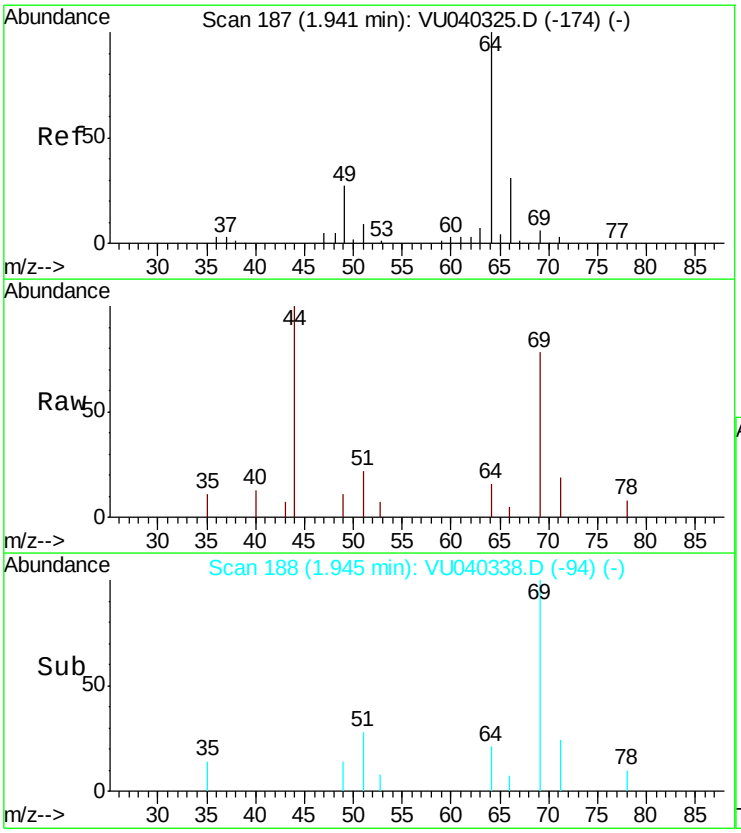
#3
Chloromethane
Concen: 0.965 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :
BFZQ6

Tgt Ion: 50 Resp: 12512

Ion	Ratio	Lower	Upper
50	100		
52	34.4	22.8	42.4

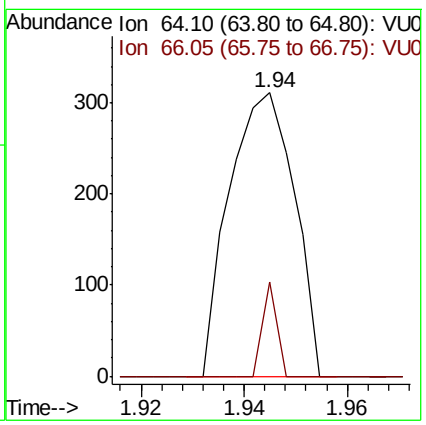


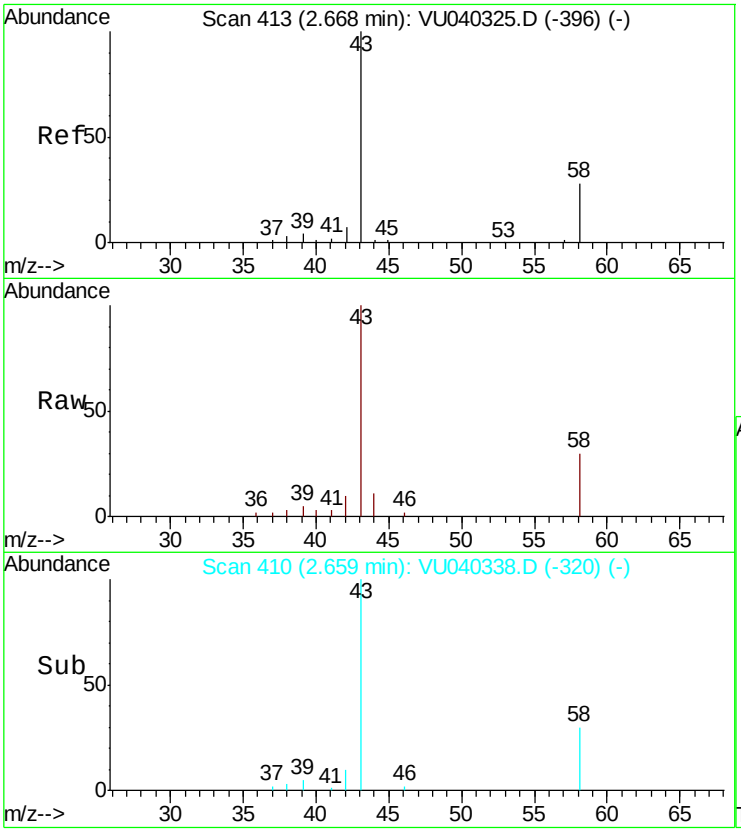


#8
Chloroethane
Concen: 0.034 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Tgt Ion: 64 Resp: 271

Ion	Ratio	Lower	Upper
64	100		
66	33.1	22.7	42.1



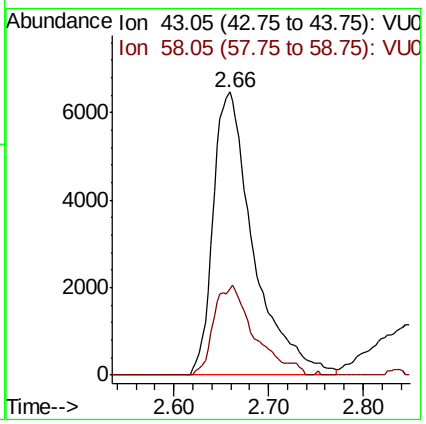


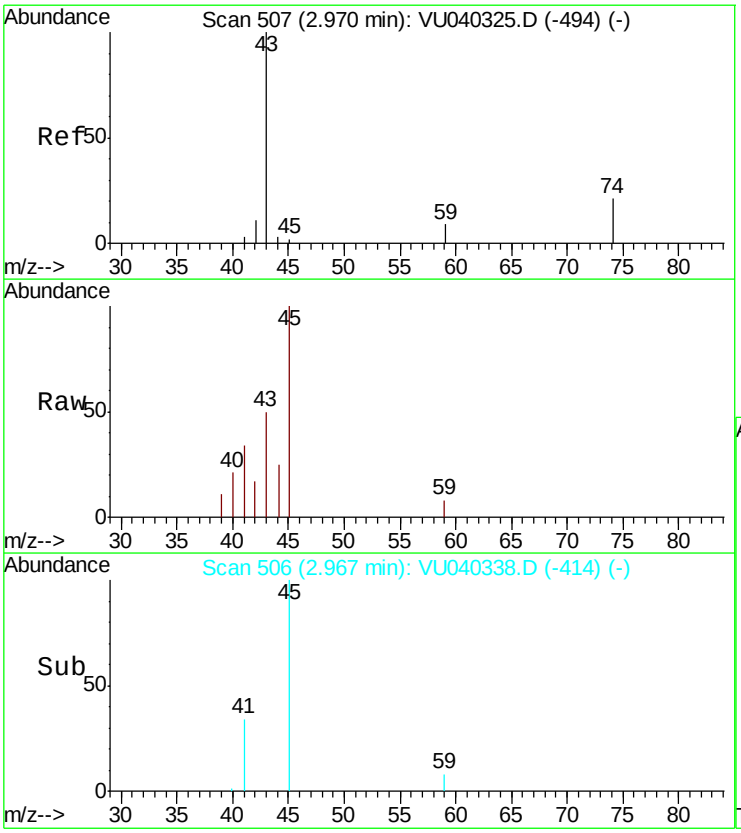
#13
Acetone
Concen: 6.963 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :
BFZQ6

Tgt Ion: 43 Resp: 19210

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	55.4

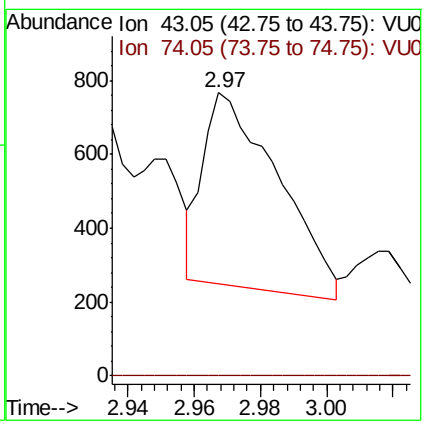


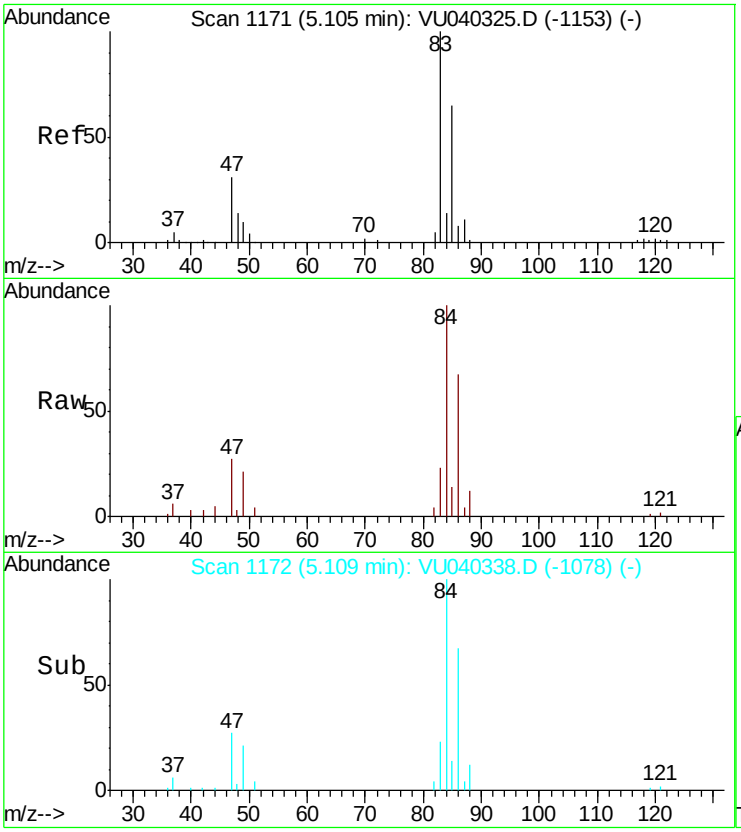


#15
Methyl Acetate
Concen: 0.119 ug/L
RT: 2.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Tgt Ion: 43 Resp: 821

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.4	26.0#



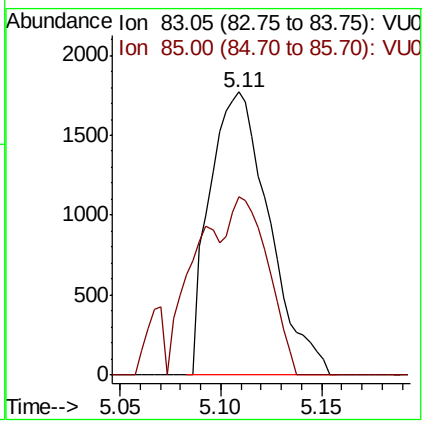


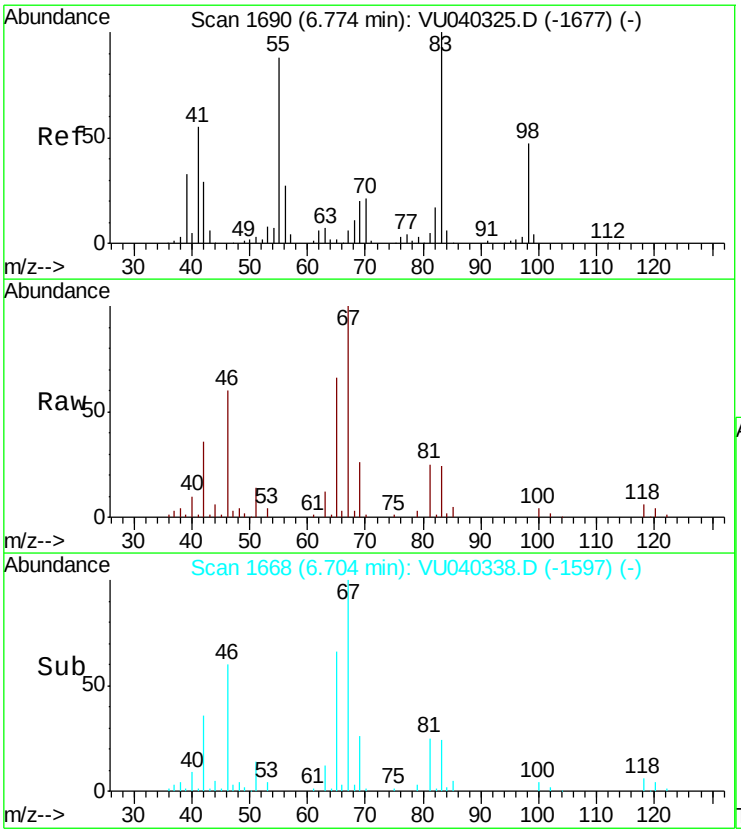
#25
Chloroform
Concen: 0.151 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :
BFZQ6

Tgt Ion: 83 Resp: 3616

Ion	Ratio	Lower	Upper
83	100		
85	63.0	45.3	84.1

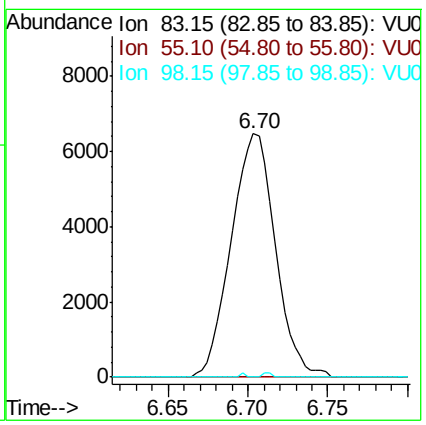


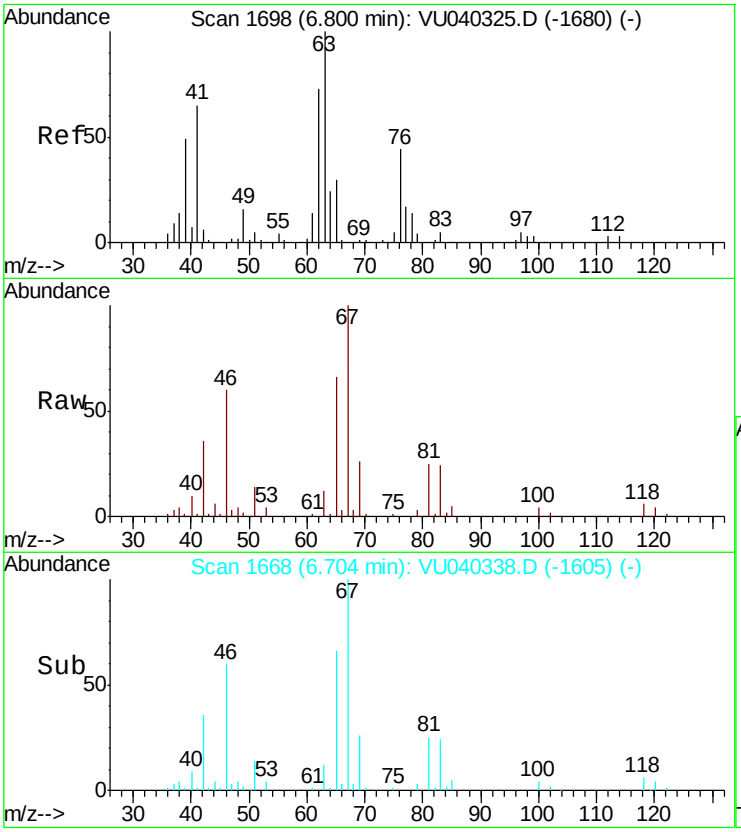


#35
Methylcyclohexane
Concen: 0.608 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Tgt Ion: 83 Resp: 12188

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.5	105.7#
98	0.2	37.8	56.6#



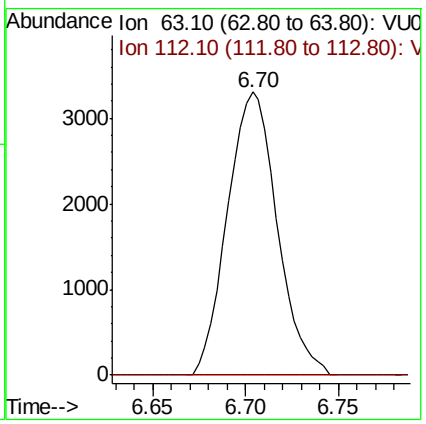


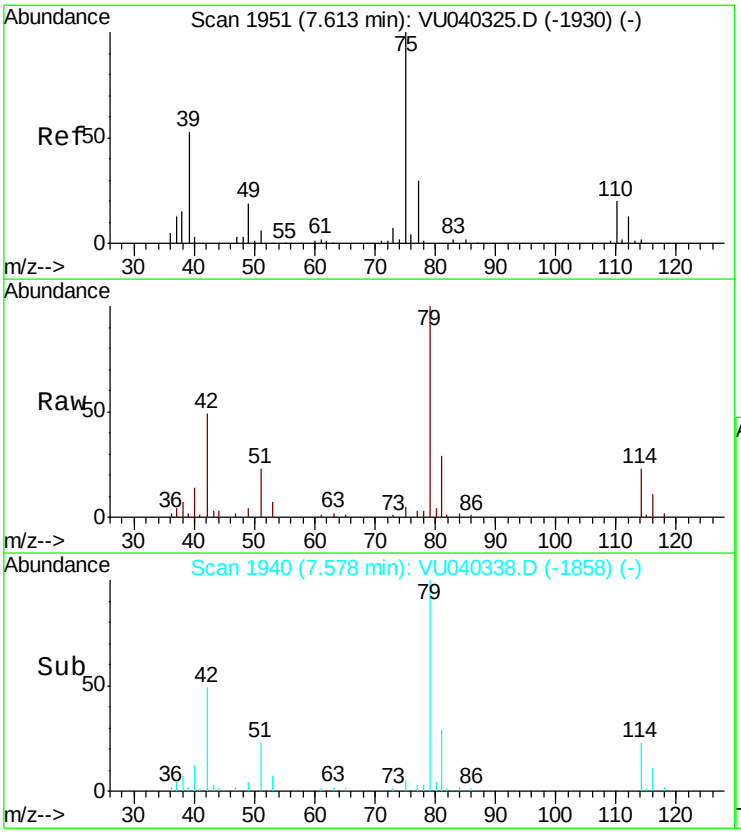
#37
1,2-Dichloropropane
Concen: 0.466 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :
BFZQ6

Tgt Ion: 63 Resp: 6157

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

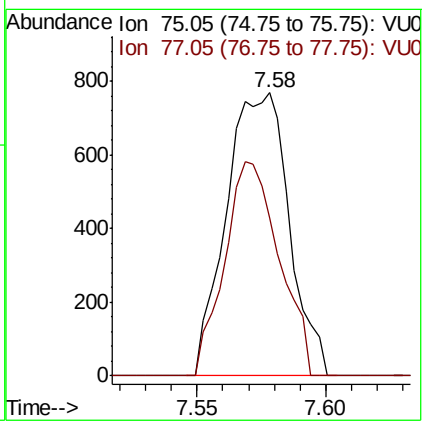


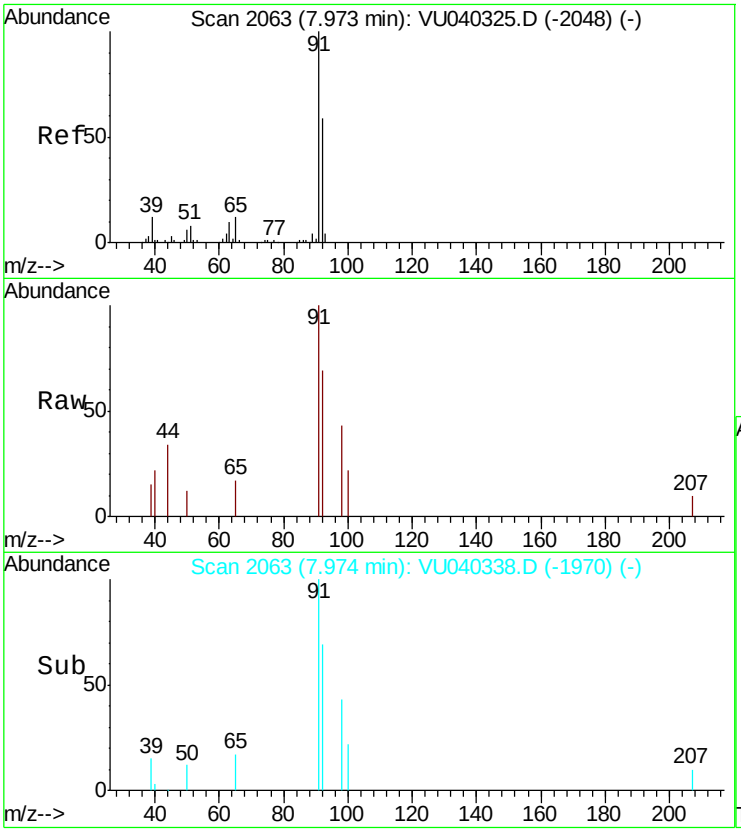


#39
cis-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.03 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Tgt Ion: 75 Resp: 1306

Ion	Ratio	Lower	Upper
75	100		
77	55.9	21.1	39.3#



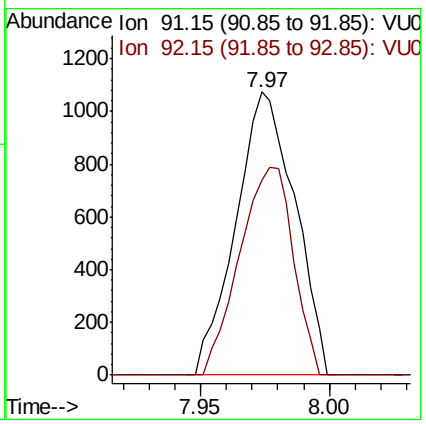


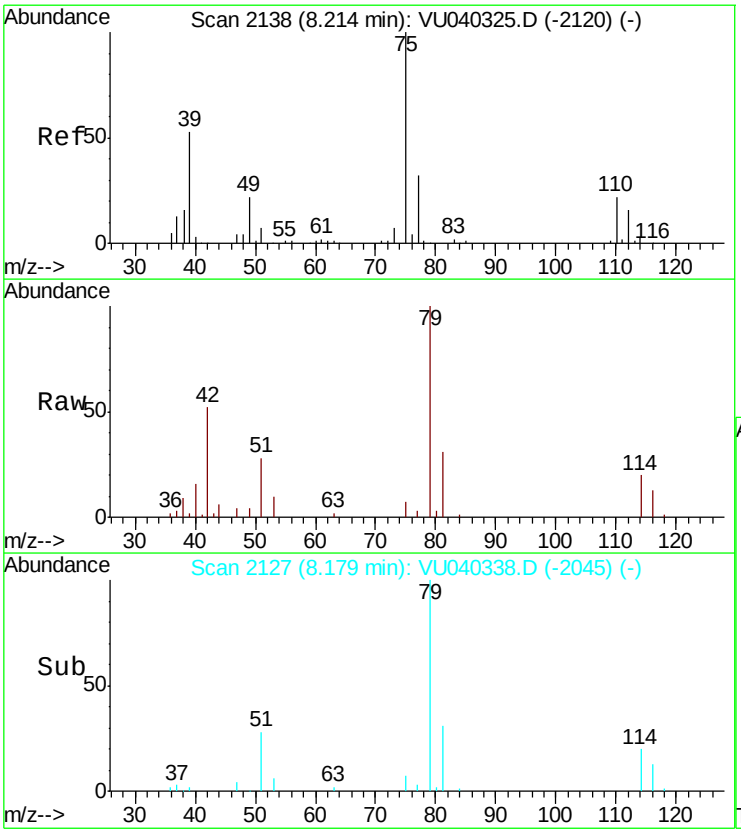
#42
Toluene
Concen: 0.034 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :
BFZQ6

Tgt Ion: 91 Resp: 1712

Ion	Ratio	Lower	Upper
91	100		
92	69.0	40.7	75.5

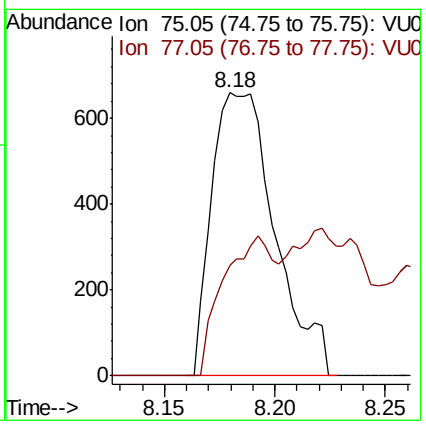


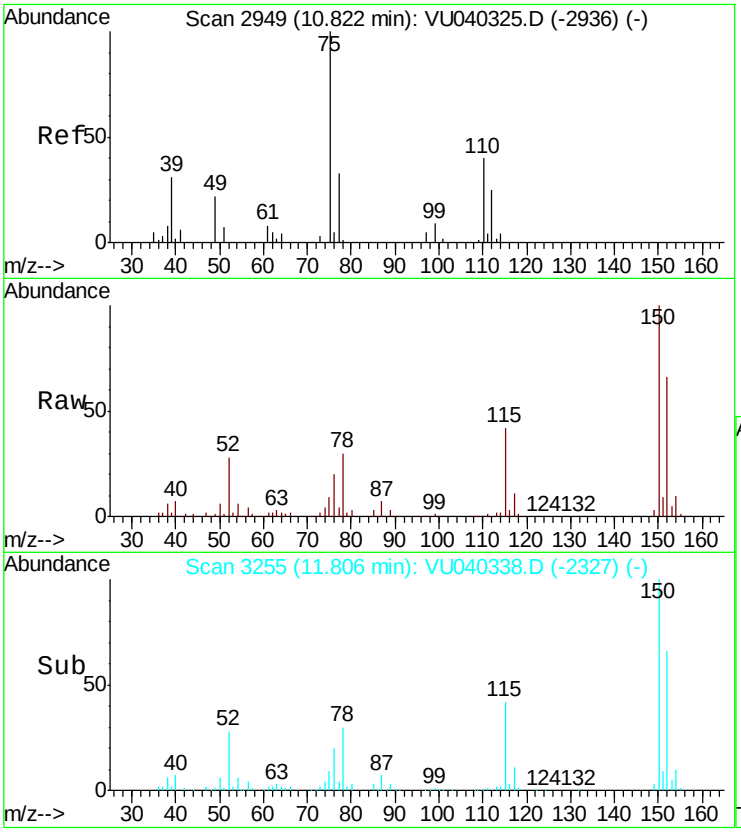


#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.03 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Tgt Ion: 75 Resp: 1314

Ion	Ratio	Lower	Upper
75	100		
77	39.2	23.9	44.3



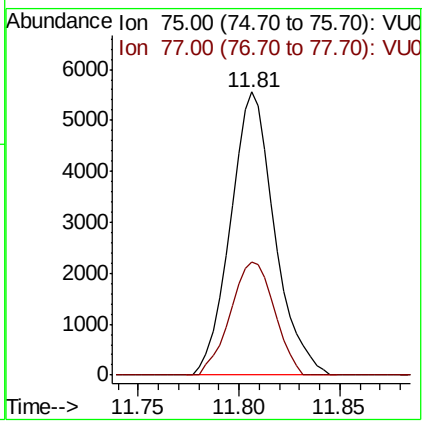


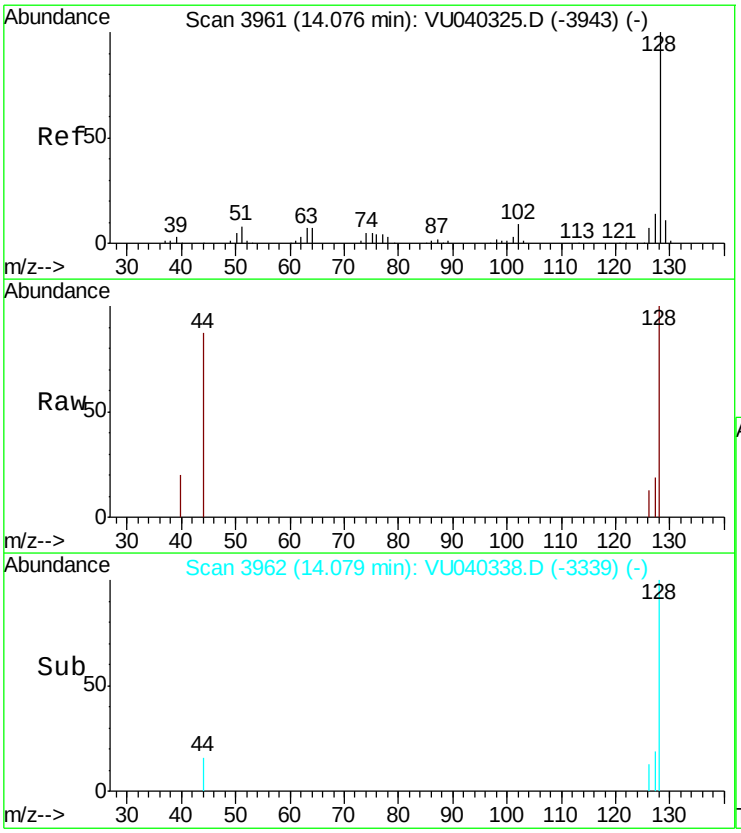
#59
1,2,3-Trichloropropane
Concen: 0.871 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :
BFZQ6

Tgt Ion: 75 Resp: 8519

Ion	Ratio	Lower	Upper
75	100		
77	39.8	24.9	37.3#





#69
Naphthalene
Concen: 0.046 ug/L
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU040338.D
Acq: 28 Sep 2020 17:56

Tgt Ion:128 Resp: 1338

Ion	Ratio	Lower	Upper
128	100		
129	3.3	8.7	13.1#
127	5.6	10.7	16.1#