Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092620\
Data File : VU040305.D
Acq On : 25 Sep 2020 17:27
Operator : SY/MD
Sample : L4147-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFST2

Quant Time: Sep 26 06:51:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124163	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58009	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	33883	5.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.00%			
7) Chloroethane-d5	1.92	69	32530	5.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.20%			
11) 1,1-Dichloroethene-d2	2.58	63	55741	3.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.00%			
20) 2-Butanone-d5	4.66	46	163156	60.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.34%			
24) Chloroform-d	5.08	84	75939	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.72	65	47242	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.74	84	141176	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.70	67	49778	5.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.00%			
41) Toluene-d8	7.90	98	114232	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
43) trans-1,3-Dichloropropene-	8.19	79	18984	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.64	63	112833	53.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.26%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42810	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47392	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	12165	1.031	ug/L	99
8) Chloroethane	1.94	64	221	0.031	ug/L #	42
13) Acetone	2.66	43	8593	3.423	ug/L	100
15) Methyl Acetate	2.97	43	2218	0.352	ug/L #	54
25) Chloroform	5.11	83	3334	0.153	ug/L	93
35) Methylcyclohexane	6.70	83	11269	0.610	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6010	0.494	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1277	0.071	ug/L #	53
44) trans-1,3-Dichloropropene	8.18	75	967	0.058	ug/L #	60
59) 1,2,3-Trichloropropane	11.81	75	7948	0.881	ug/L #	89
68) 1,2,4-trichlorobenzene	13.83	180	383	0.030	ug/L #	66
69) Naphthalene	14.08	128	1769	0.066	ug/L #	85

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

Quantitation Report (Not Reviewed)

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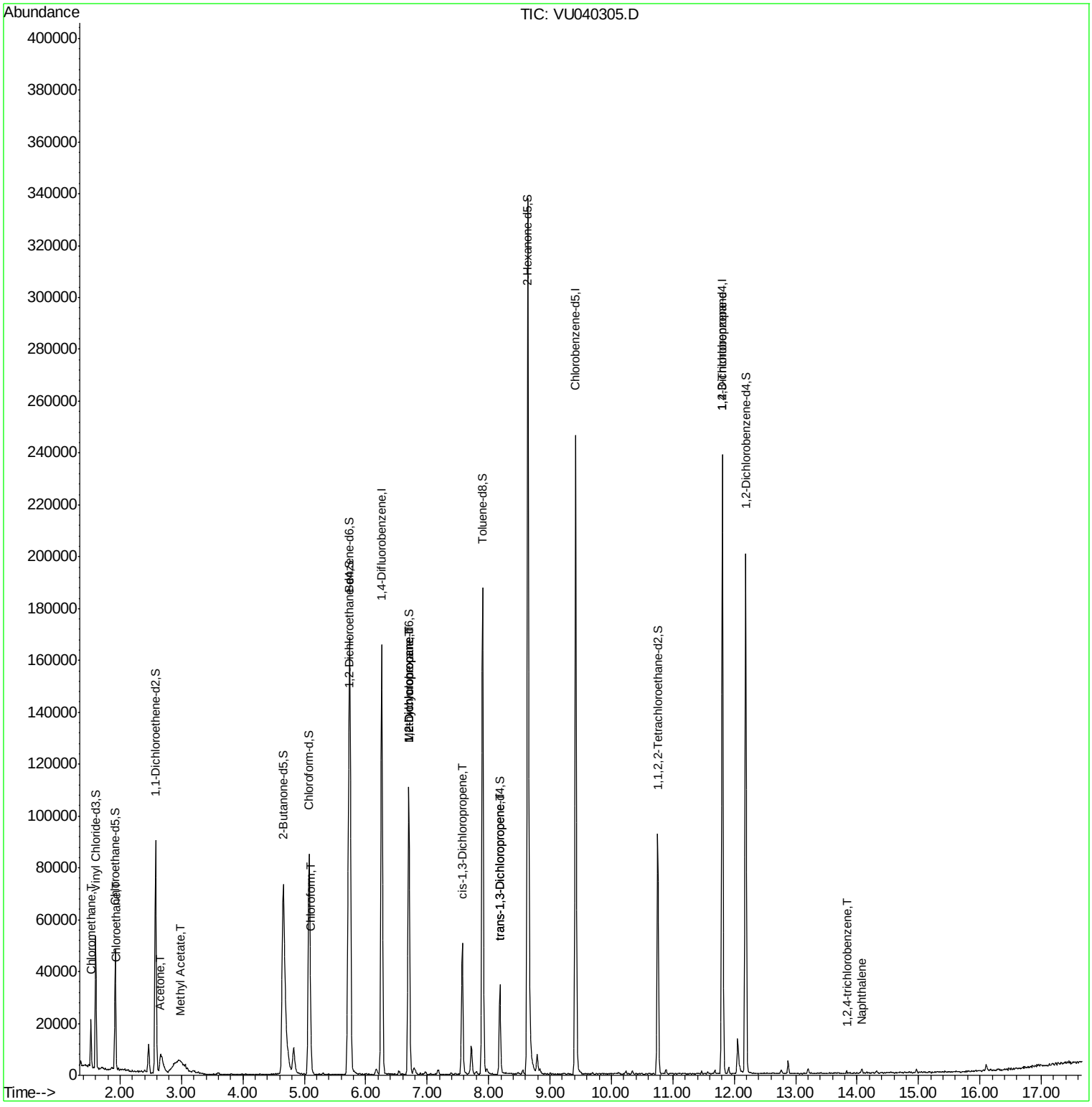
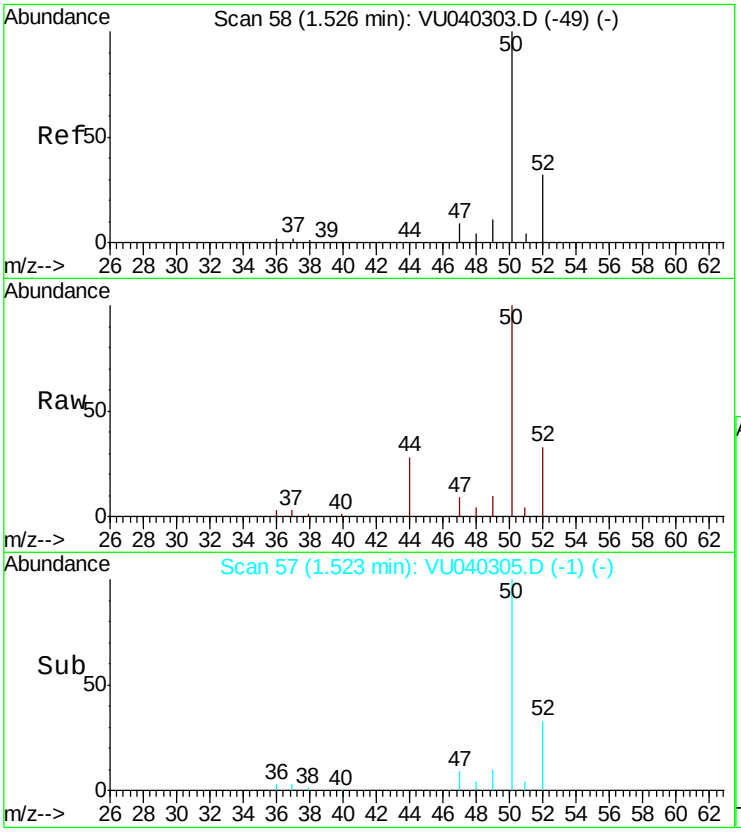
Instrument :
MSVOA_U
ClientSampleId :
BFST2

Quant Time: Sep 26 06:51:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration



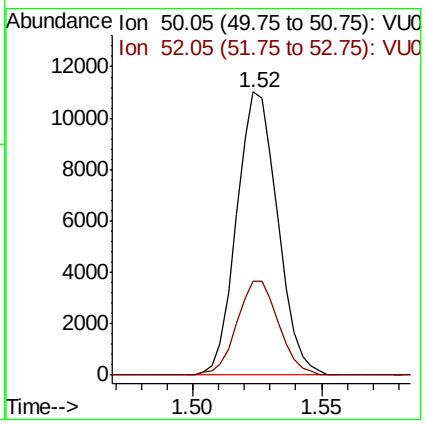


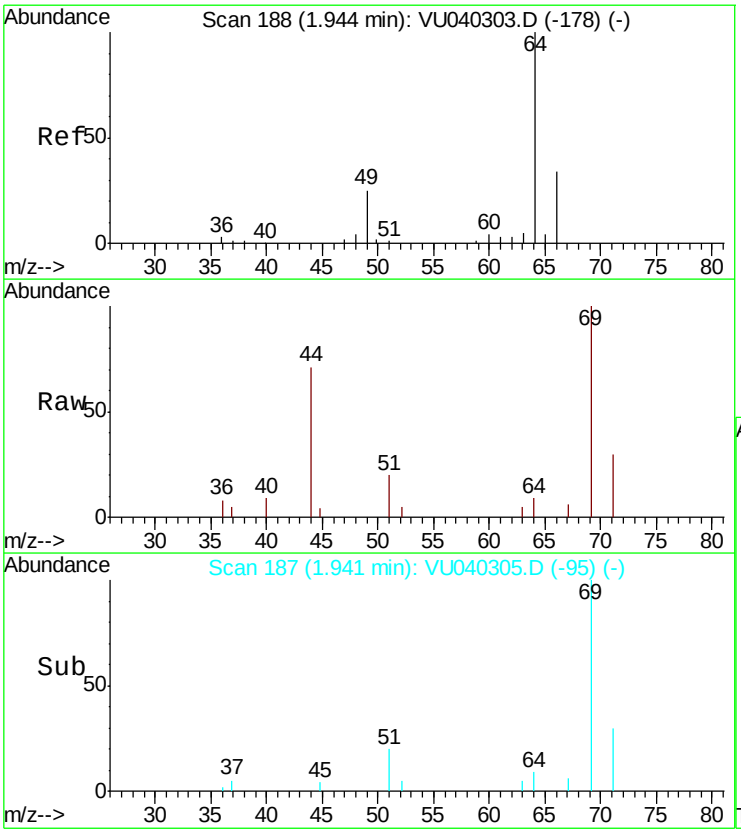
#3
Chloromethane
Concen: 1.031 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion: 50 Resp: 12165

Ion	Ratio	Lower	Upper
50	100		
52	33.4	22.8	42.4

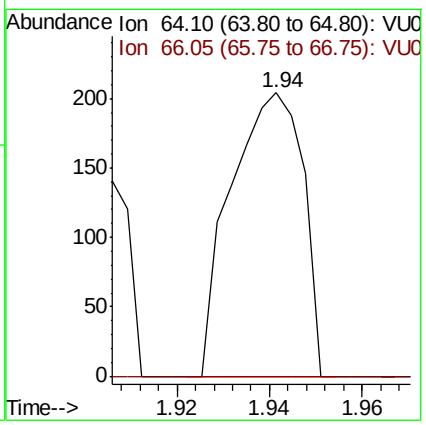


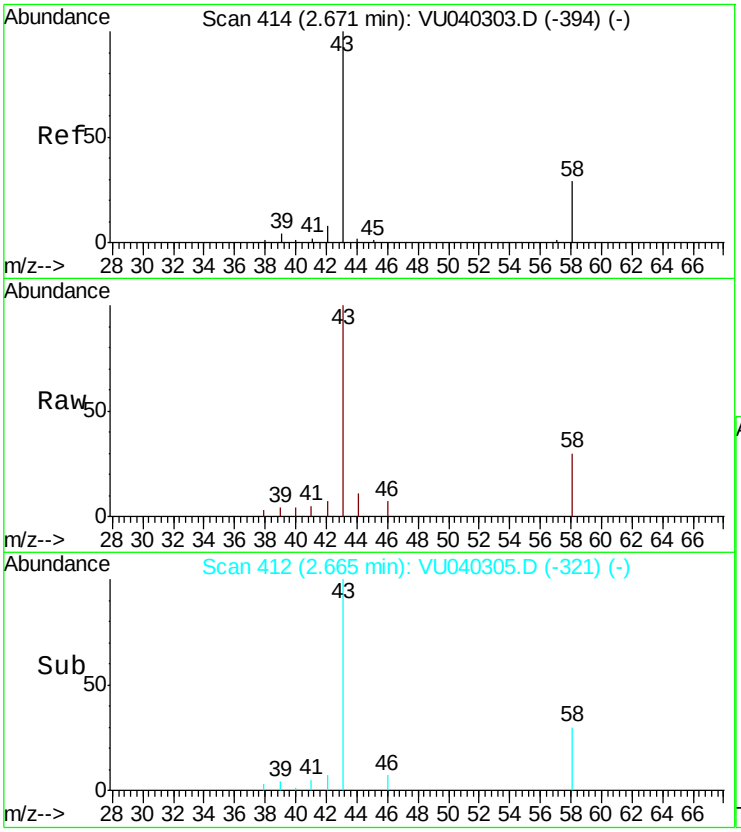


#8
Chloroethane
Concen: 0.031 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Tgt Ion: 64 Resp: 221

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.7	42.1#



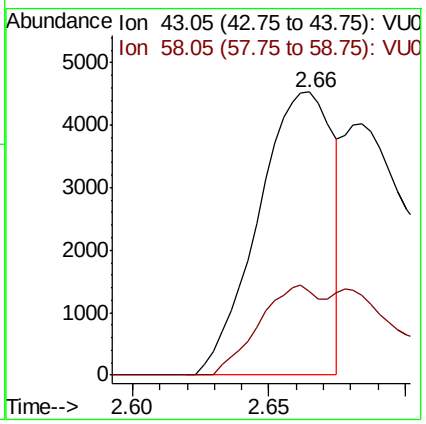


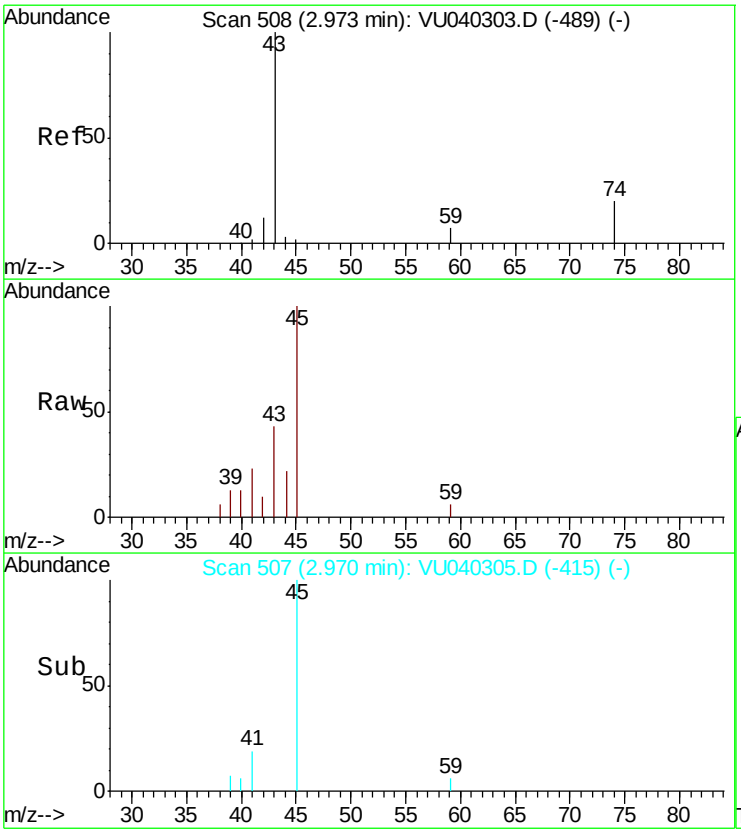
#13
Acetone
Concen: 3.423 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.01 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion: 43 Resp: 8593

Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.0	55.4

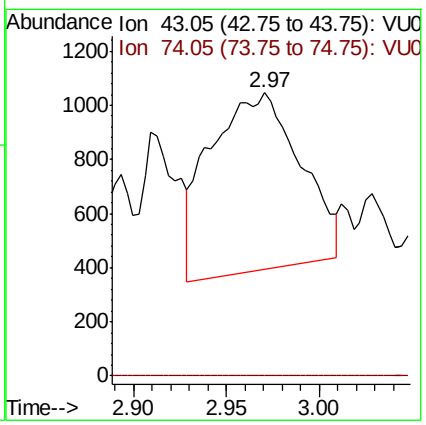


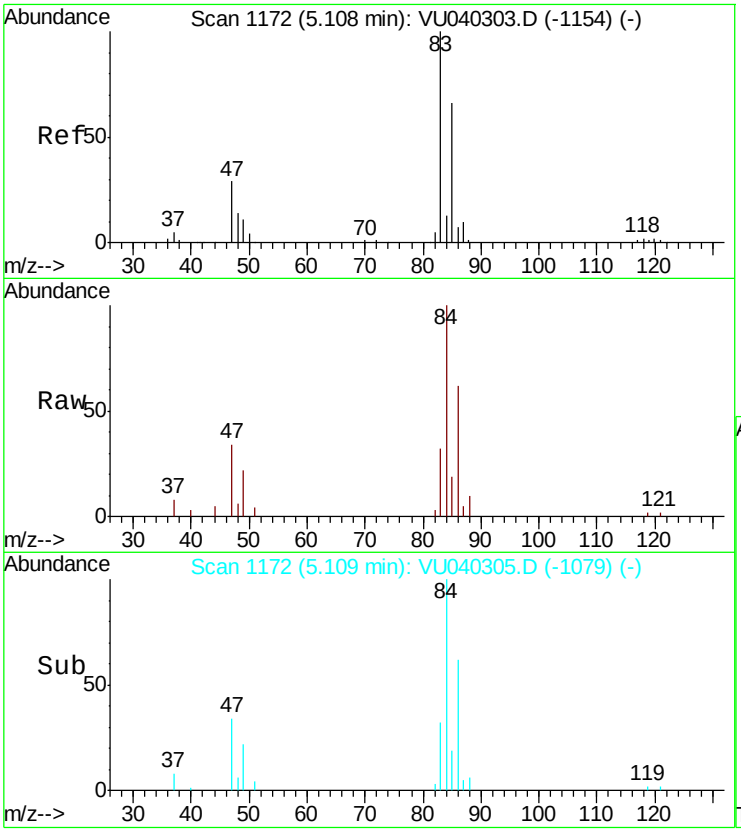


#15
Methyl Acetate
Concen: 0.352 ug/L
RT: 2.97 min Scan# 507
Delta R.T. -0.00 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Tgt Ion: 43 Resp: 2218

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.4	26.0#



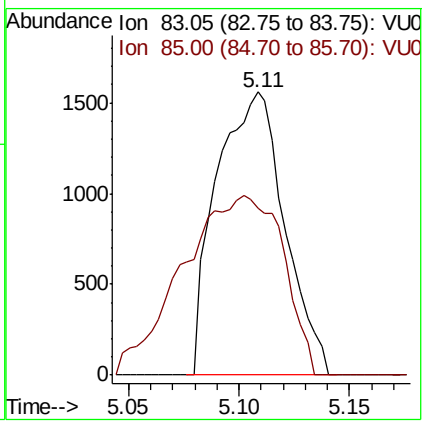


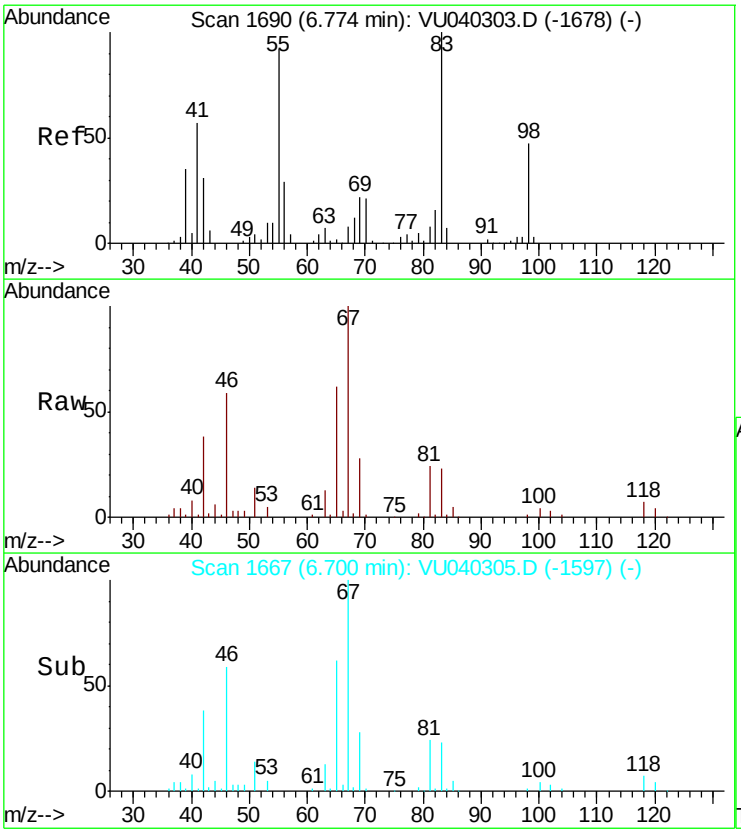
#25
Chloroform
Concen: 0.153 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion: 83 Resp: 3334

Ion	Ratio	Lower	Upper
83	100		
85	58.9	45.3	84.1

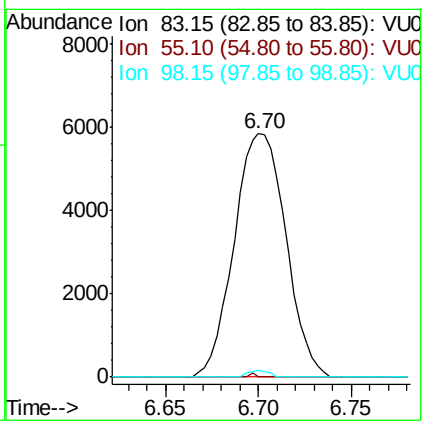


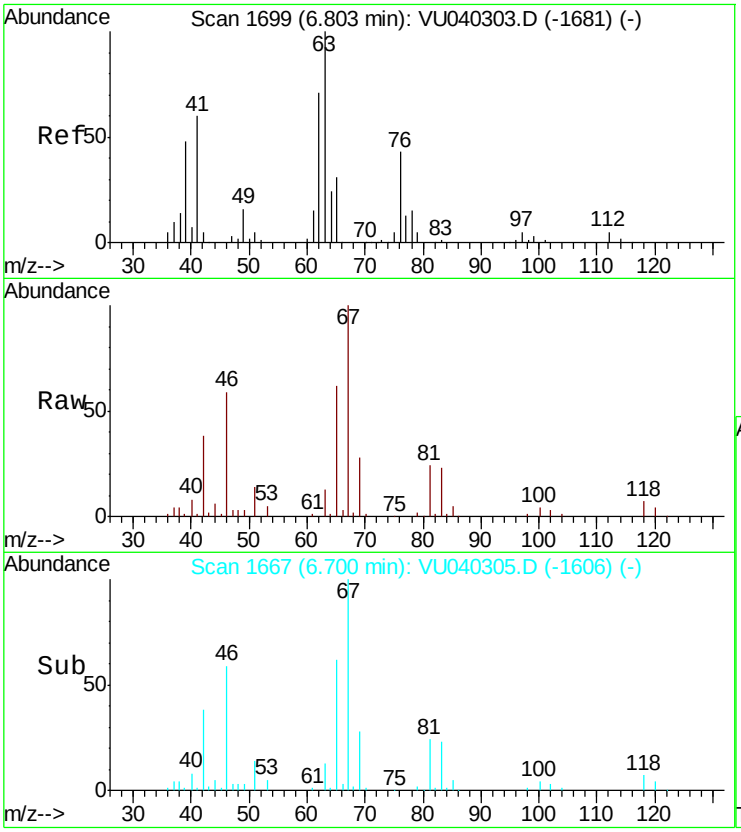


#35
Methylcyclohexane
Concen: 0.610 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Tgt Ion: 83 Resp: 11269

Ion	Ratio	Lower	Upper
83	100		
55	0.2	70.5	105.7#
98	1.1	37.8	56.6#



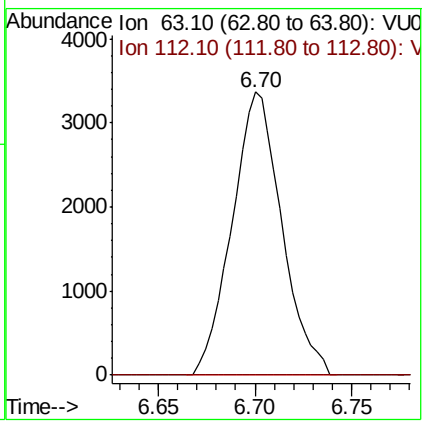


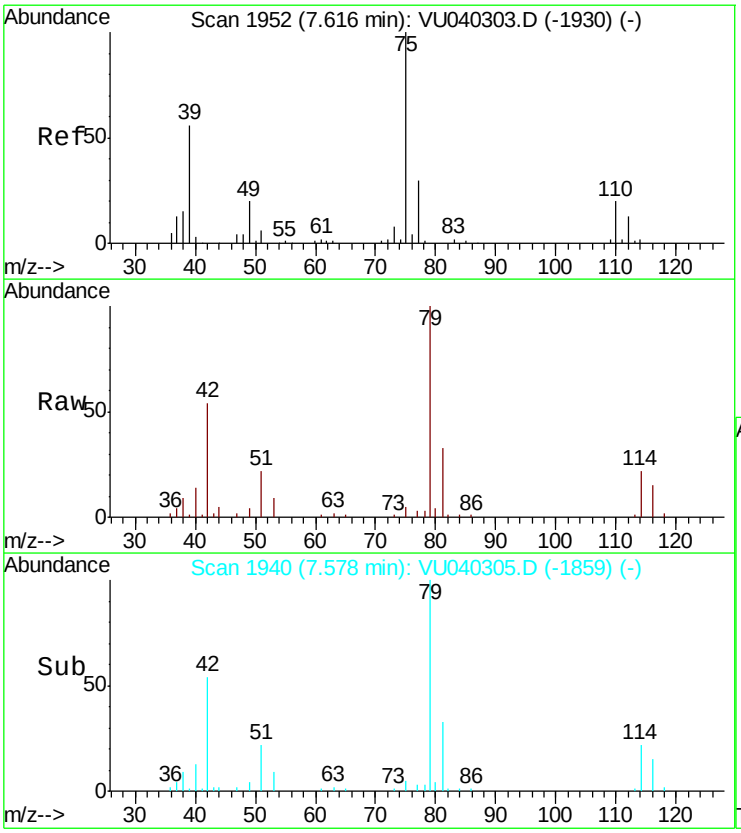
#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion: 63 Resp: 6010

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

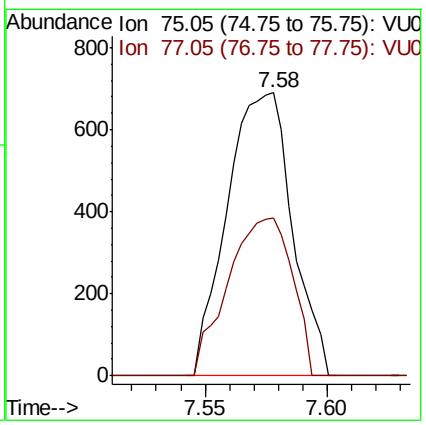


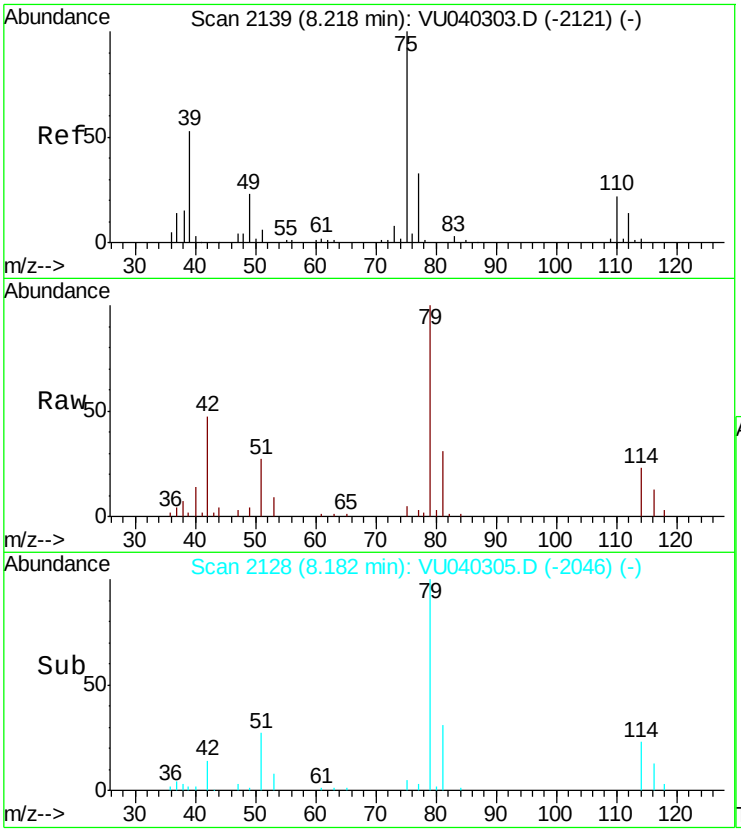


#39
cis-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Tgt Ion: 75 Resp: 1277

Ion	Ratio	Lower	Upper
75	100		
77	55.9	21.1	39.3#



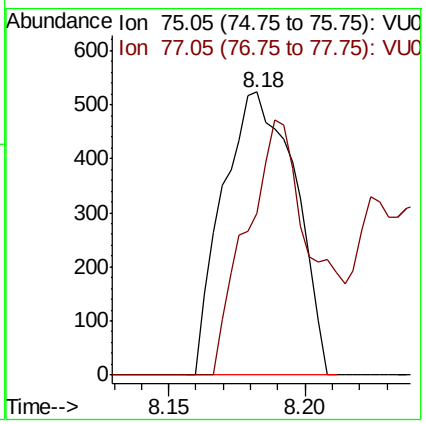


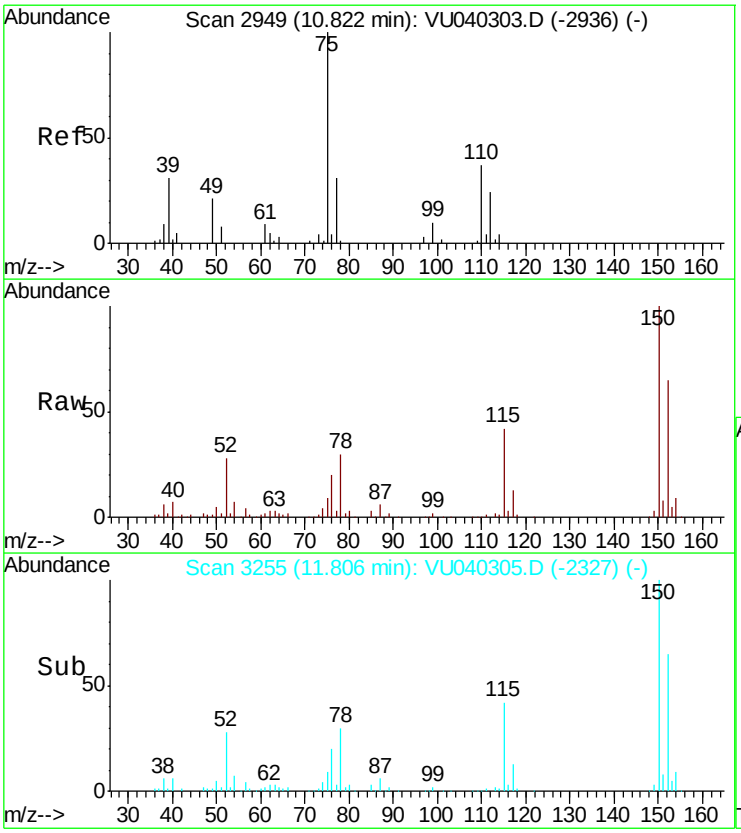
#44
trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.04 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion: 75 Resp: 967

Ion	Ratio	Lower	Upper
75	100		
77	57.0	23.9	44.3#

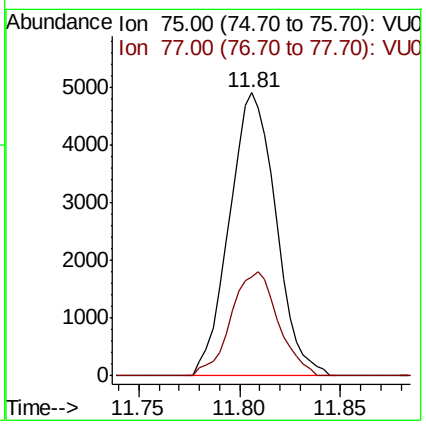


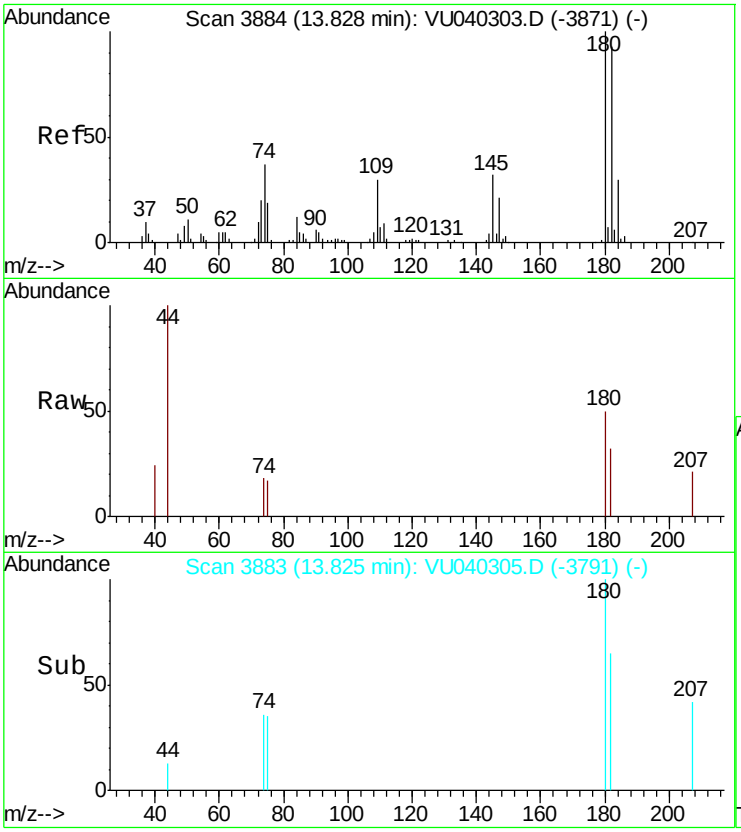


#59
1,2,3-Trichloropropane
Concen: 0.881 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Tgt Ion: 75 Resp: 7948

Ion	Ratio	Lower	Upper
75	100		
77	37.3	24.9	37.3#



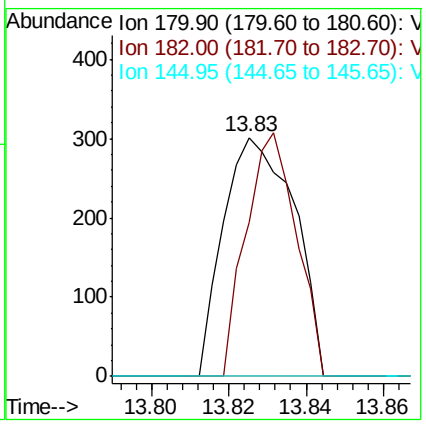


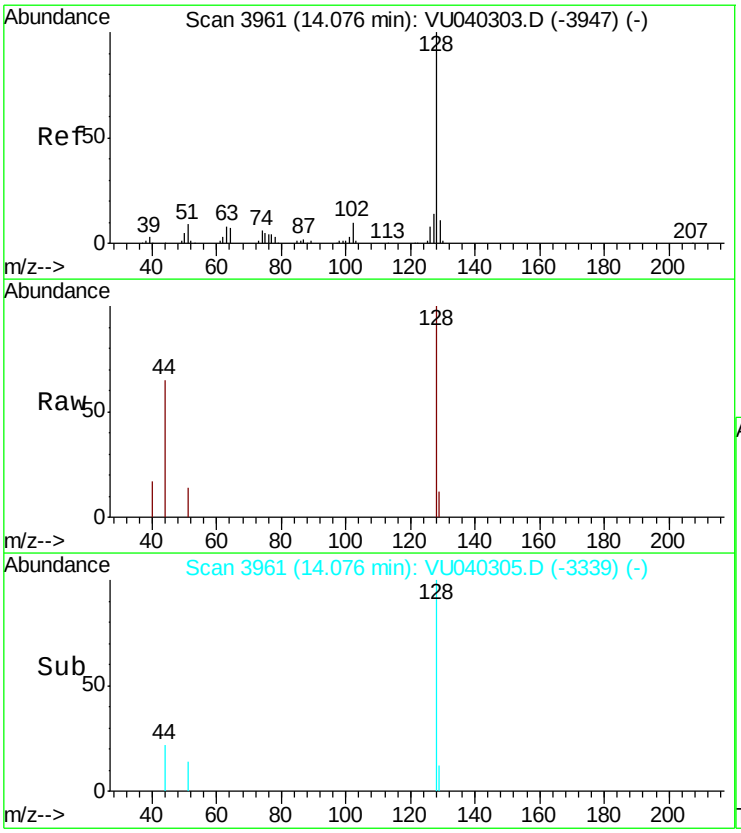
#68
1,2,4-trichlorobenzene
Concen: 0.030 ug/L
RT: 13.83 min Scan# 3883
Delta R.T. -0.00 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion:180 Resp: 383

Ion	Ratio	Lower	Upper
180	100		
182	72.3	76.0	114.0#
145	0.0	28.4	42.6#





#69
Naphthalene
Concen: 0.066 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040305.D
Acq: 25 Sep 2020 17:27

Tgt Ion:128 Resp: 1769

Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.7	13.1
127	3.5	10.7	16.1#