Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110220\
Data File : VU041056.D
Acq On : 02 Nov 2020 17:44
Operator : SY/MD
Sample : L4584-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSS8

Quant Time: Nov 03 00:49:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	50718	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52136	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22690	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	18990	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	1.93	69	14699	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.58	63	27854	3.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.60%			
20) 2-Butanone-d5	4.65	46	80651	57.48	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.96%			
24) Chloroform-d	5.08	84	35631	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.72	65	23577	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.74	84	64134	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.70	67	23238	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%			
41) Toluene-d8	7.91	98	53769	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
43) trans-1,3-Dichloropropene-	8.19	79	9271	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.64	63	56438	53.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.54%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21017	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	21545	5.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	4053	0.839	ug/L	94
8) Chloroethane	1.94	64	336	0.111	ug/L	99
13) Acetone	2.66	43	18446	19.229	ug/L #	63
15) Methyl Acetate	2.96	43	1323	0.603	ug/L #	53
21) 2-Butanone	4.73	43	3259	2.174	ug/L	84
35) Methylcyclohexane	6.70	83	5226	0.884	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2645	0.627	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	527	0.091	ug/L #	64
42) Toluene	7.97	91	2231	0.141	ug/L	88
44) trans-1,3-Dichloropropene	8.19	75	439	0.081	ug/L	83
48) 2-Hexanone	8.69	43	1251	0.494	ug/L #	48
59) 1,2,3-Trichloropropane	11.81	75	3297	1.049	ug/L #	88
69) Naphthalene	14.08	128	343	0.051	ug/L #	69

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

Quantitation Report (Not Reviewed)

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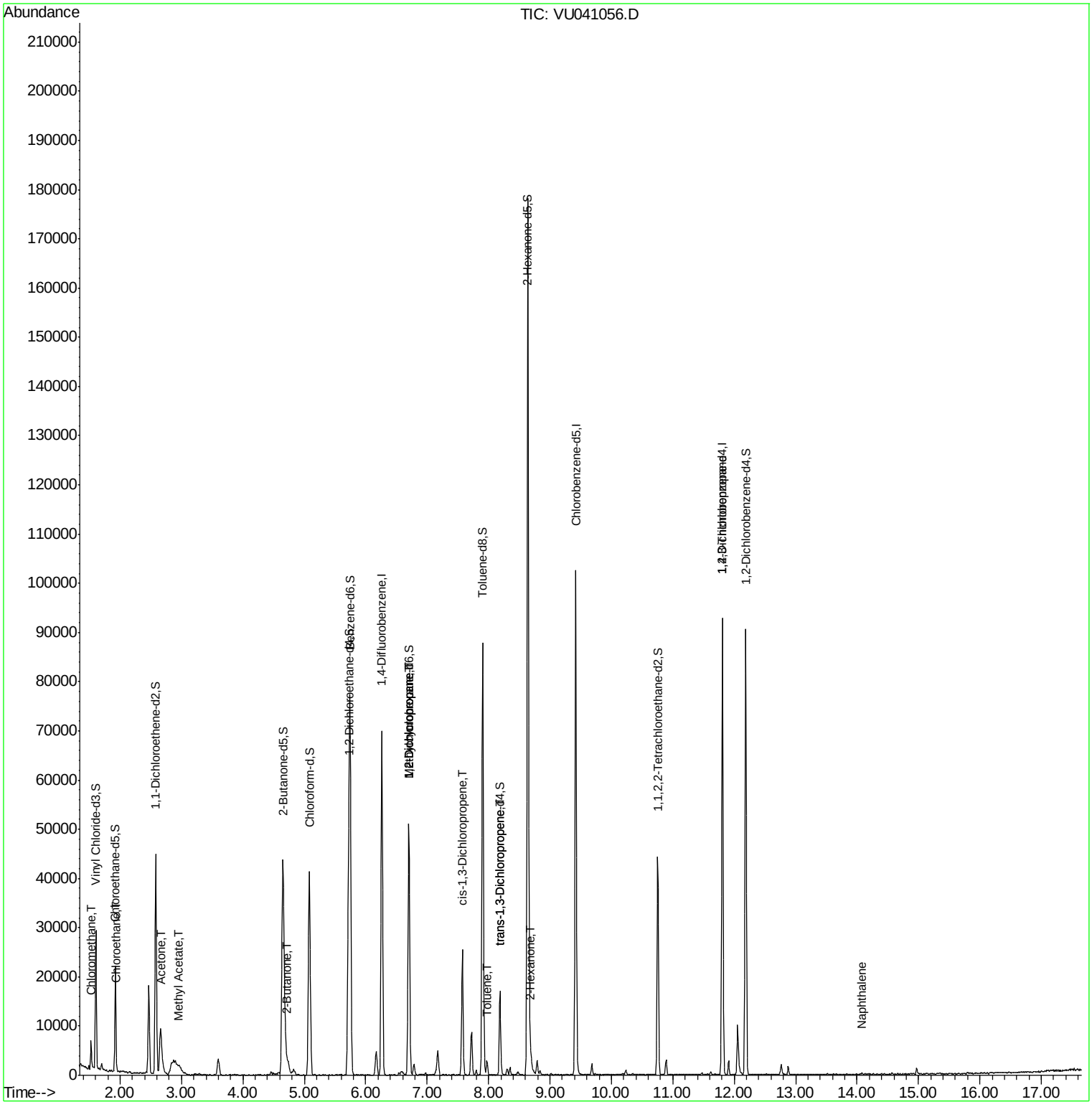
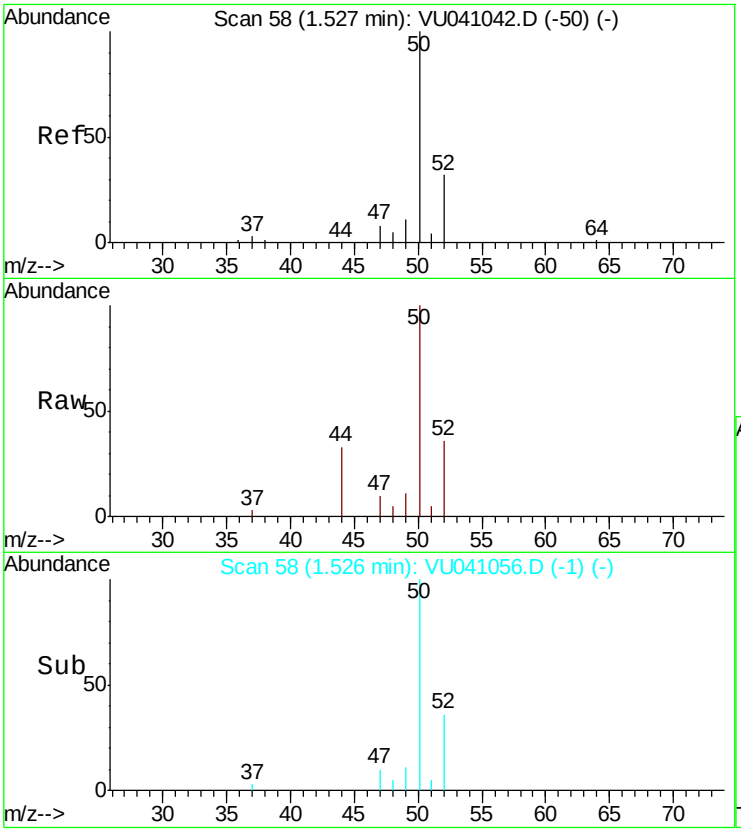
Sample : L4584-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSS8

Quant Time: Nov 03 00:49:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration



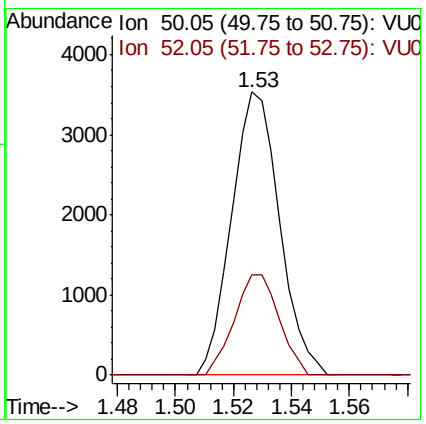


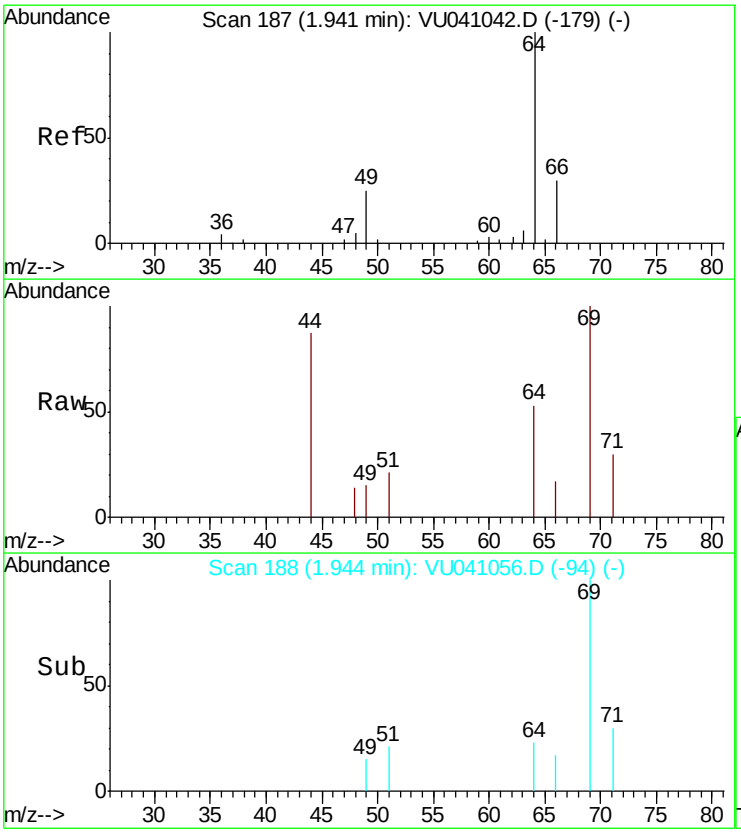
#3
Chloromethane
Concen: 0.839 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
BFSS8

Tgt Ion: 50 Resp: 4053

Ion	Ratio	Lower	Upper
50	100		
52	35.5	22.4	41.6

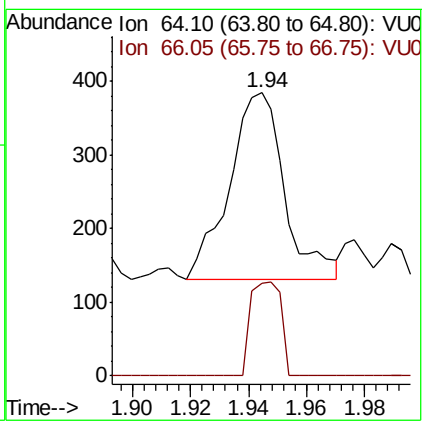


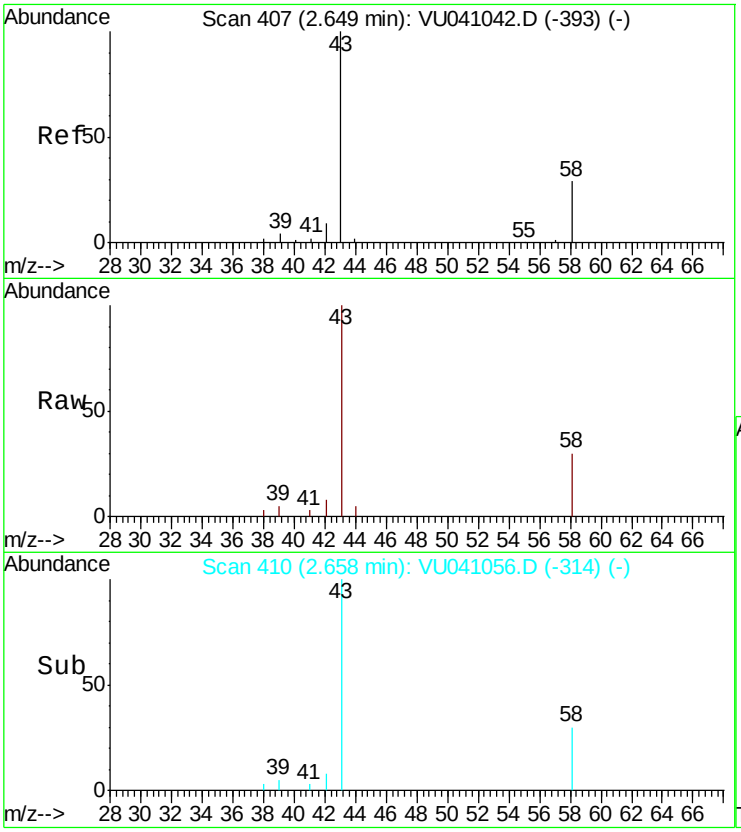


#8
Chloroethane
Concen: 0.111 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Tgt Ion: 64 Resp: 336

Ion	Ratio	Lower	Upper
64	100		
66	32.6	22.3	41.5



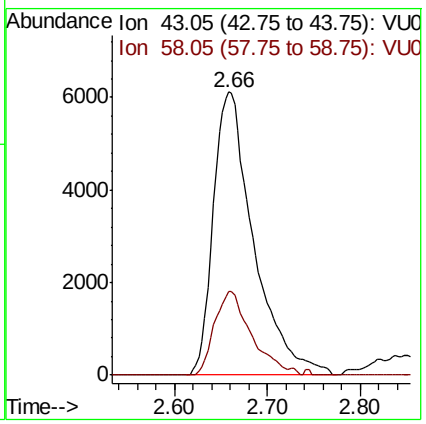


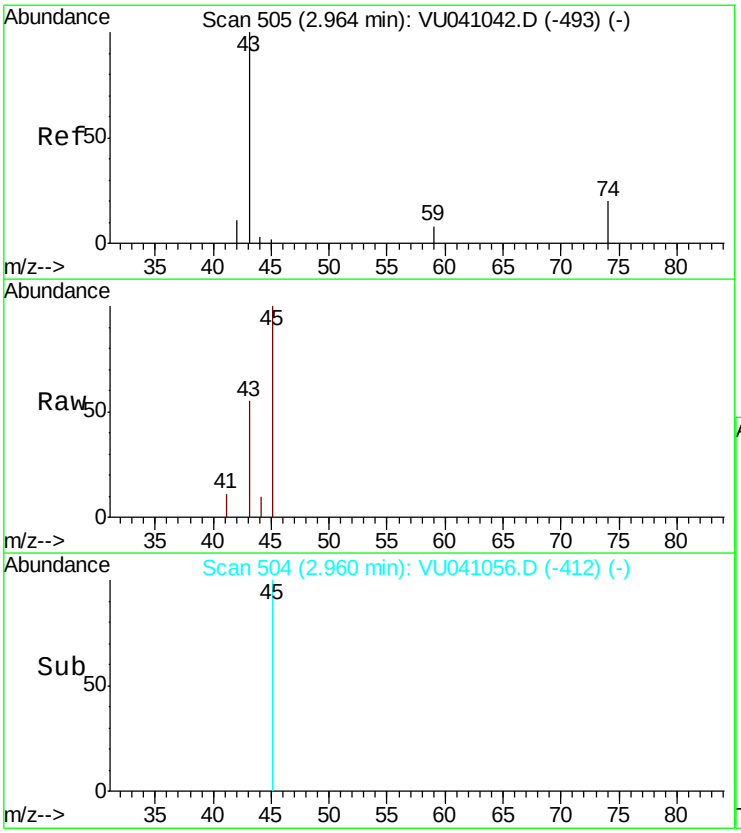
#13
Acetone
Concen: 19.229 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.01 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Instrument : MSVOA_U
ClientSampleId : BFSS8

Tgt Ion: 43 Resp: 18446

Ion	Ratio	Lower	Upper
43	100		
58	27.2	0.0	25.4#

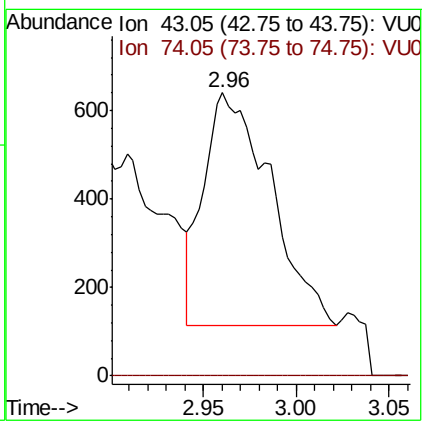


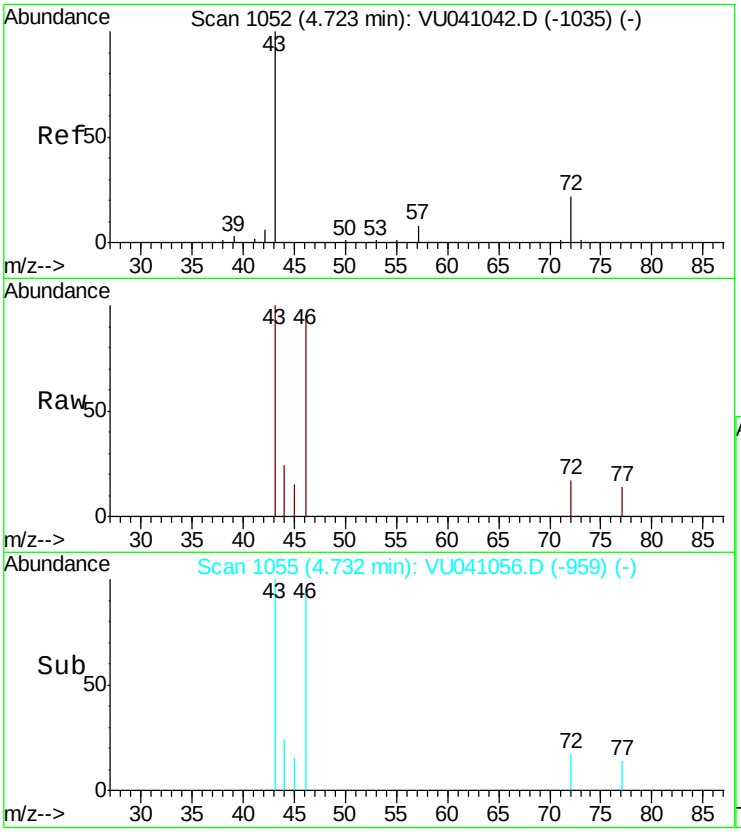


#15
Methyl Acetate
Concen: 0.603 ug/L
RT: 2.96 min Scan# 504
Delta R.T. -0.00 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Tgt Ion: 43 Resp: 1323

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.3	27.5#



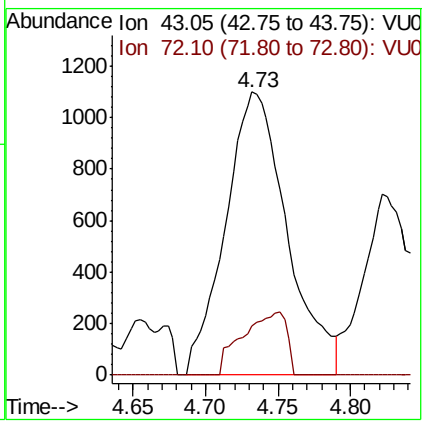


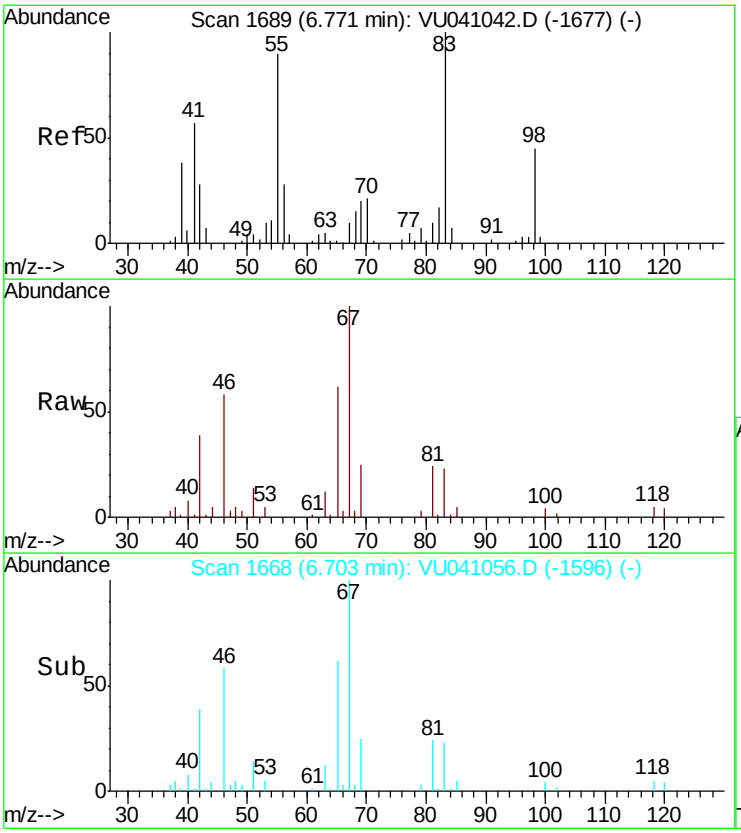
#21
2-Butanone
Concen: 2.174 ug/L
RT: 4.73 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Instrument : MSVOA_U
ClientSampleId : BFSS8

Tgt Ion: 43 Resp: 3259

Ion	Ratio	Lower	Upper
43	100		
72	15.9	11.8	35.4

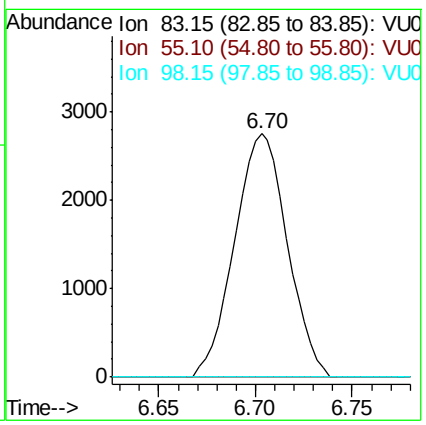


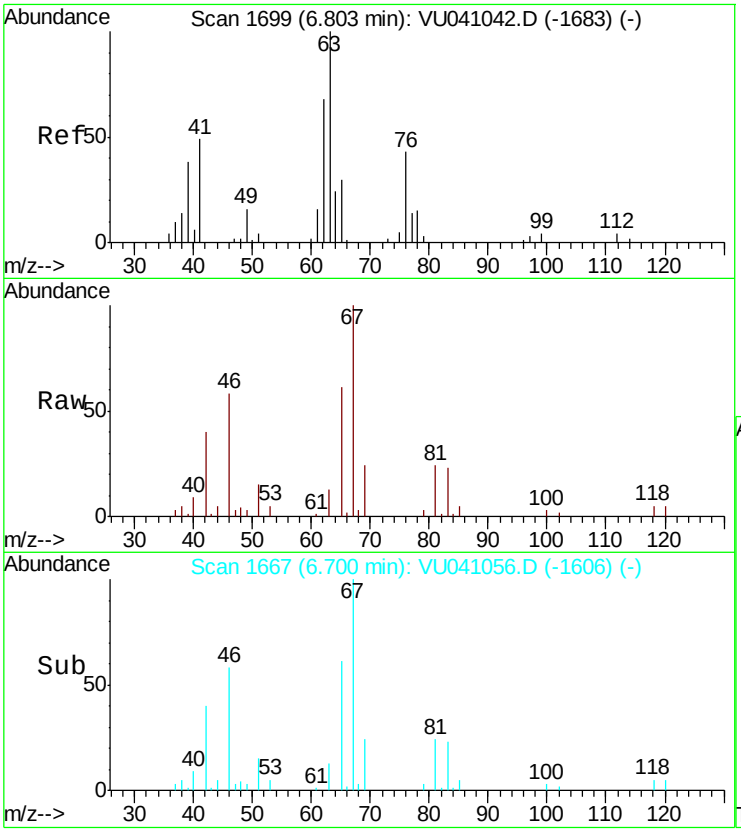


#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Tgt Ion: 83 Resp: 5226

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#



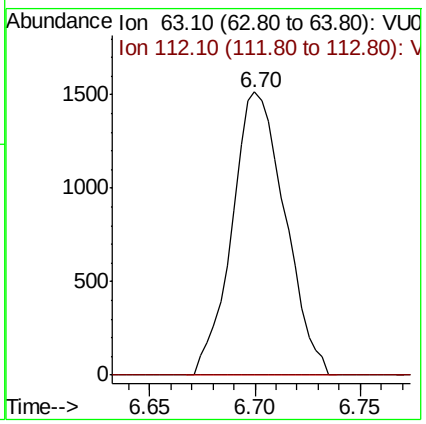


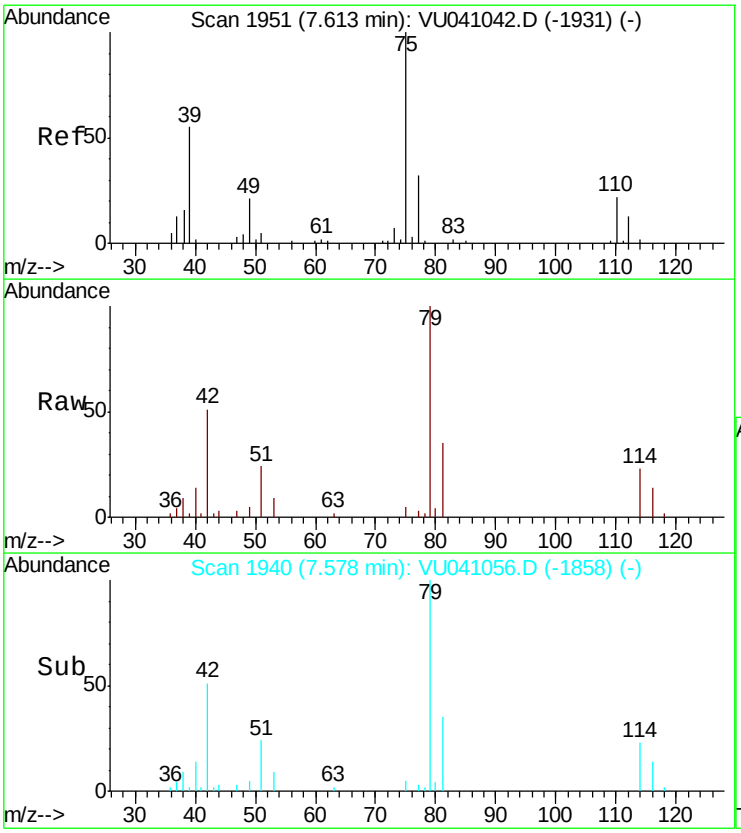
#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
BFSS8

Tgt Ion: 63 Resp: 2645

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

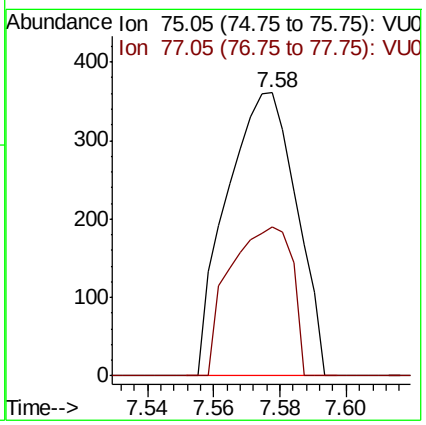


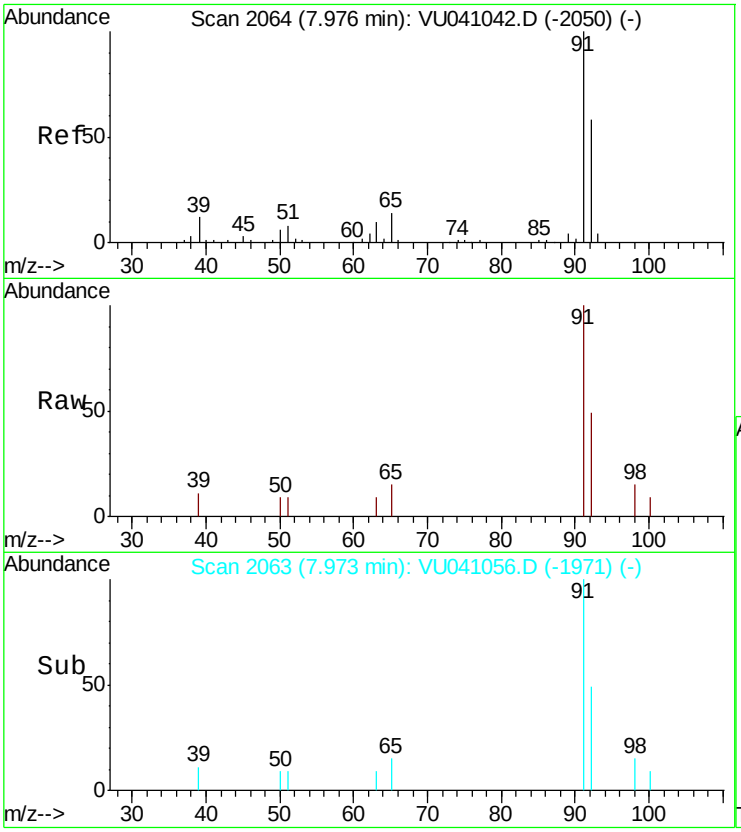


#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Tgt Ion: 75 Resp: 527

Ion	Ratio	Lower	Upper
75	100		
77	52.6	22.7	42.3#



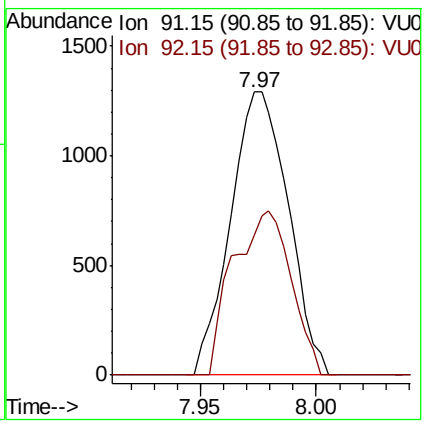


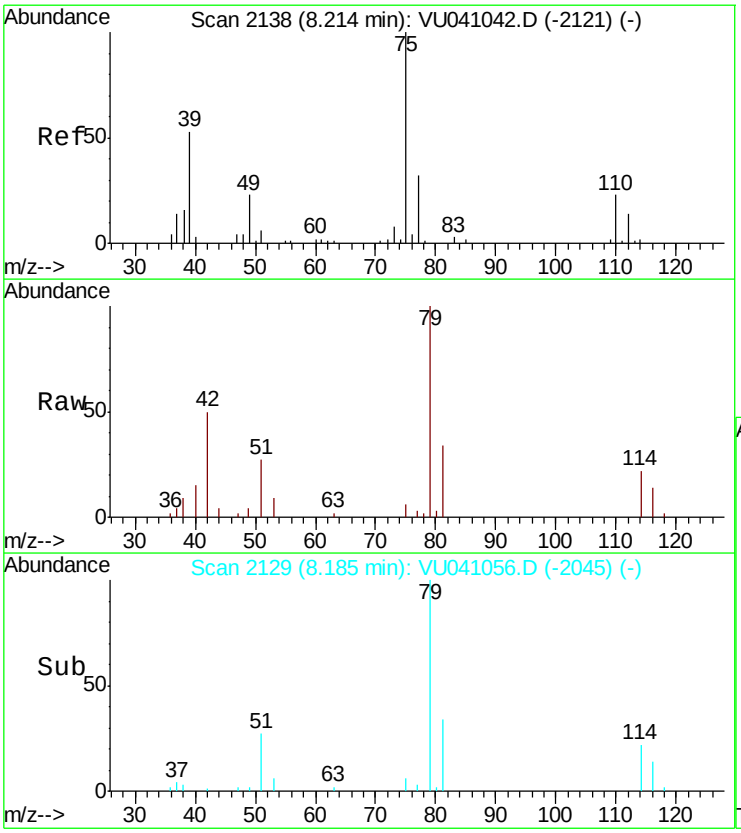
#42
Toluene
Concen: 0.141 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
BFSS8

Tgt Ion: 91 Resp: 2231

Ion	Ratio	Lower	Upper
91	100		
92	49.3	40.6	75.4

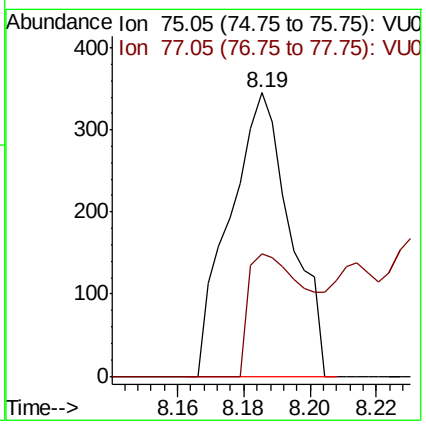


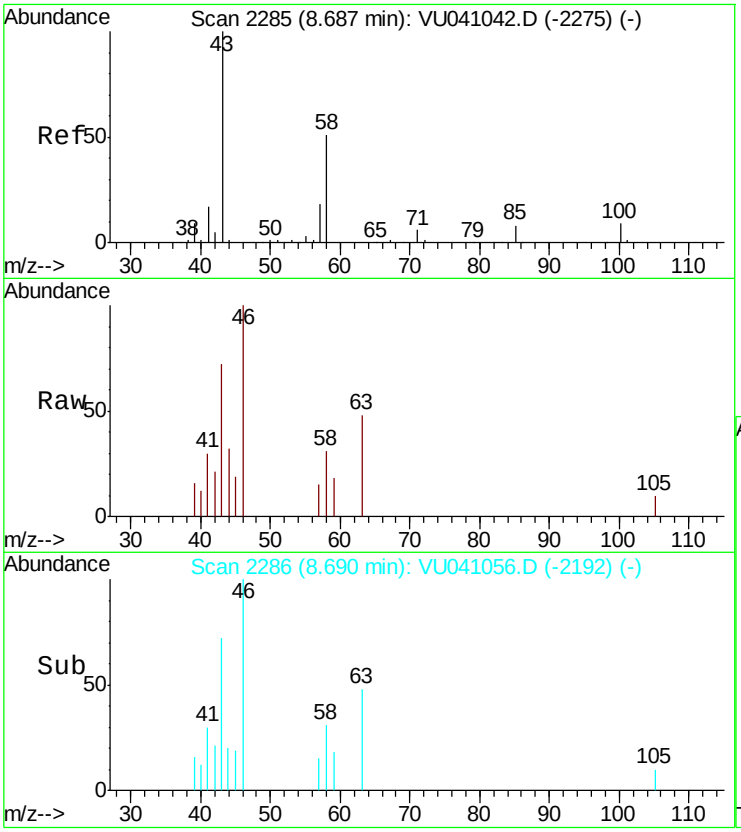


#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Tgt Ion: 75 Resp: 439

Ion	Ratio	Lower	Upper
75	100		
77	43.2	23.3	43.3



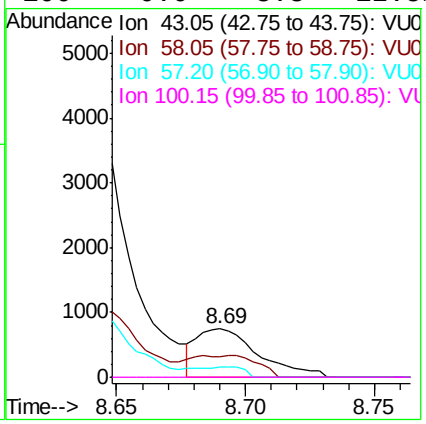


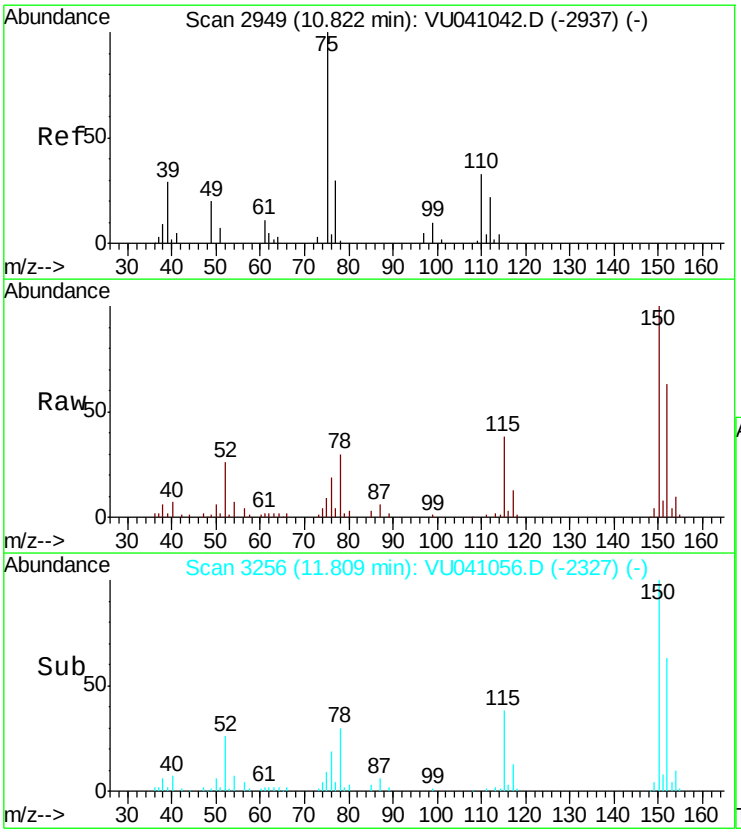
#48
2-Hexanone
Concen: 0.494 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
BFSS8

Tgt Ion: 43 Resp: 1251

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.4	62.2#
57	15.7	14.6	21.8
100	0.0	8.3	12.5#

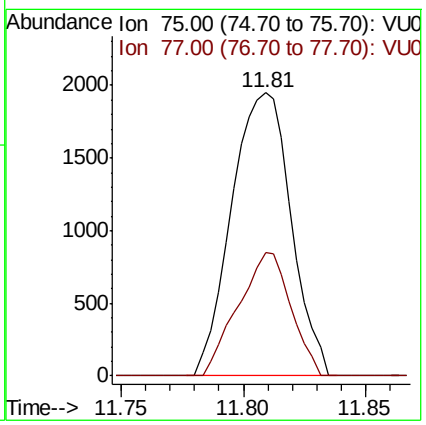


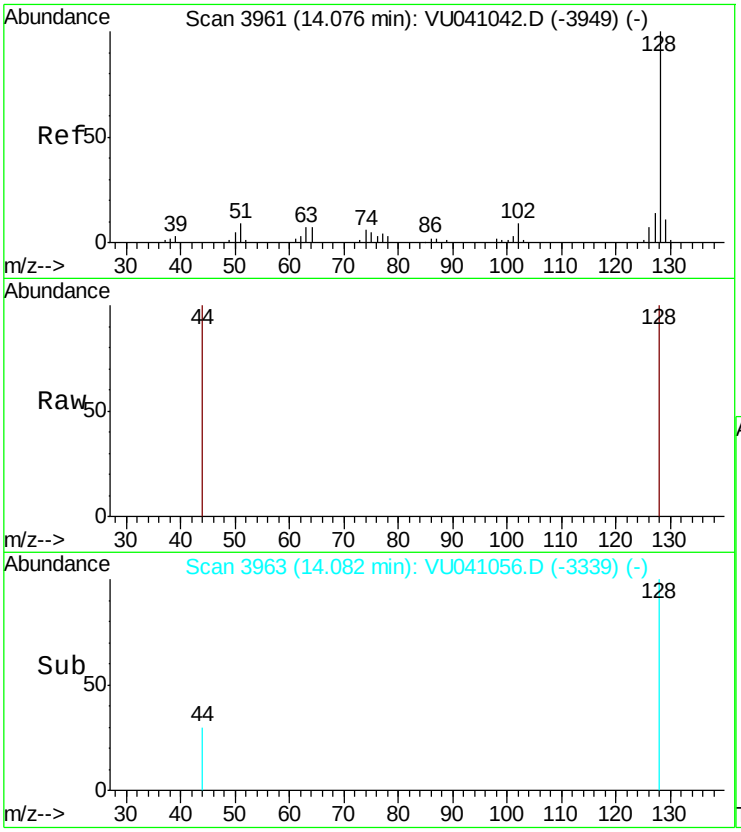


#59
1,2,3-Trichloropropane
Concen: 1.049 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Tgt Ion: 75 Resp: 3297

Ion	Ratio	Lower	Upper
75	100		
77	38.6	25.7	38.5#





#69
Naphthalene
Concen: 0.051 ug/L
RT: 14.08 min Scan# 3963
Delta R.T. 0.01 min
Lab File: VU041056.D
Acq: 02 Nov 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
BFSS8

Tgt Ion:128 Resp: 343

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	10.8	16.2#