Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040510.D
Acq On : 05 Oct 2020 15:21
Operator : SY/MD
Sample : L4266-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC0

Quant Time: Oct 06 07:53:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119152	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53289	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27962	4.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.60%			
7) Chloroethane-d5	1.92	69	23481	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.58	63	42837	3.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.60%			
20) 2-Butanone-d5	4.65	46	122968	42.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.60%			
24) Chloroform-d	5.08	84	60530	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
26) 1,2-Dichloroethane-d4	5.72	65	39027	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.75	84	111367	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.70	67	39155	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.91	98	90696	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
43) trans-1,3-Dichloropropene-	8.19	79	15598	4.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.20%			
46) 2-Hexanone-d5	8.64	63	84374	40.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.22%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36203	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	38886	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	7480	0.651	ug/L	97
8) Chloroethane	1.94	64	244	0.036	ug/L #	44
13) Acetone	2.66	43	10929	4.564	ug/L	94
25) Chloroform	5.11	83	2003	0.104	ug/L	88
27) 1,2-Dichloroethane	5.74	62	864	0.065	ug/L #	74
33) Benzene	5.78	78	1204	0.030	ug/L	100
35) Methylcyclohexane	6.71	83	9667	0.621	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4489	0.403	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1177	0.079	ug/L #	69
44) trans-1,3-Dichloropropene	8.19	75	780	0.057	ug/L #	53
47) Tetrachloroethene	8.56	164	1198	0.159	ug/L	90
49) Dibromochloromethane	8.56	129	1187	0.131	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	7492	0.929	ug/L	93

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

Quantitation Report (Not Reviewed)

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Acq On : 05 Oct 2020 15:21
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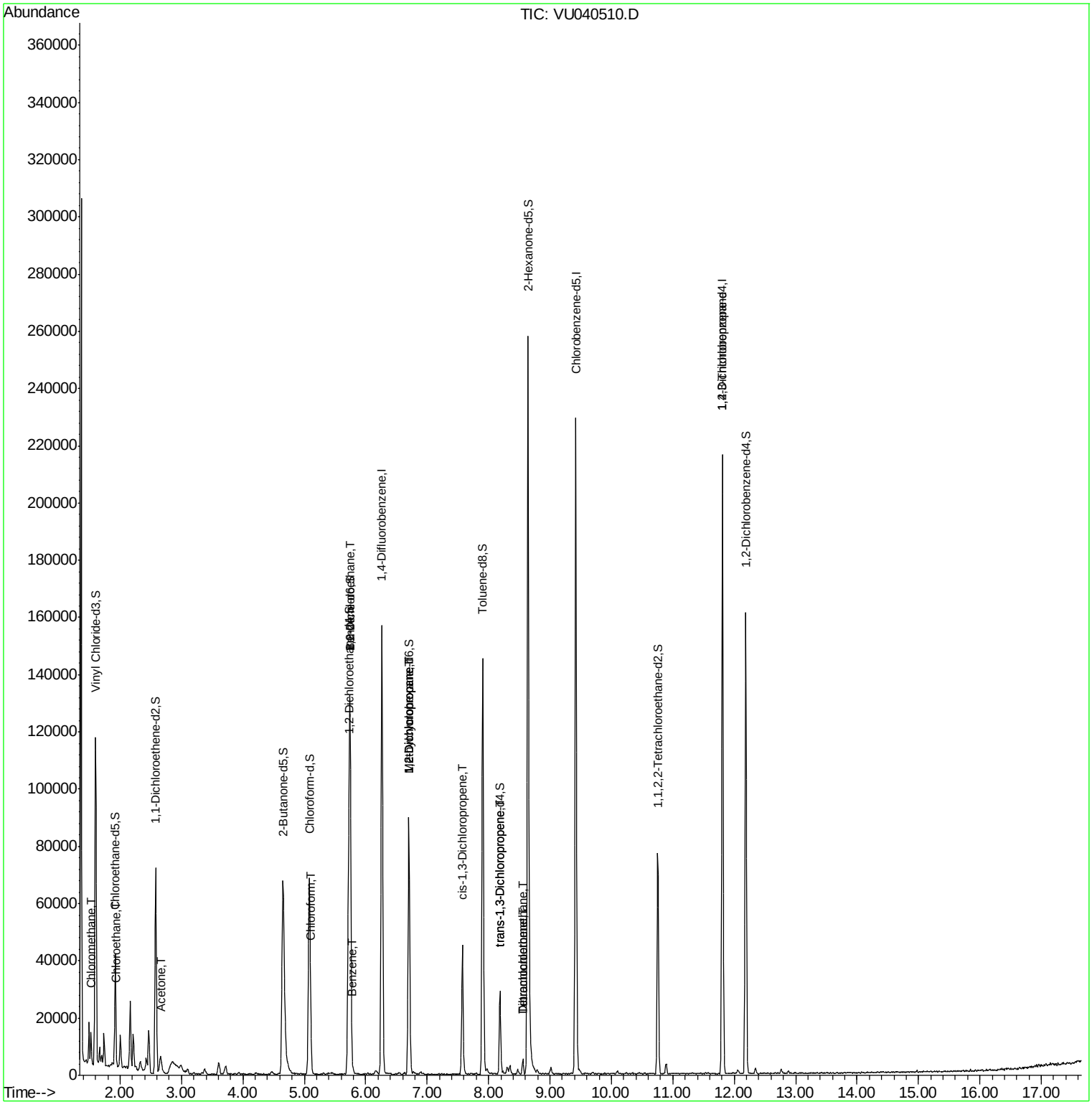
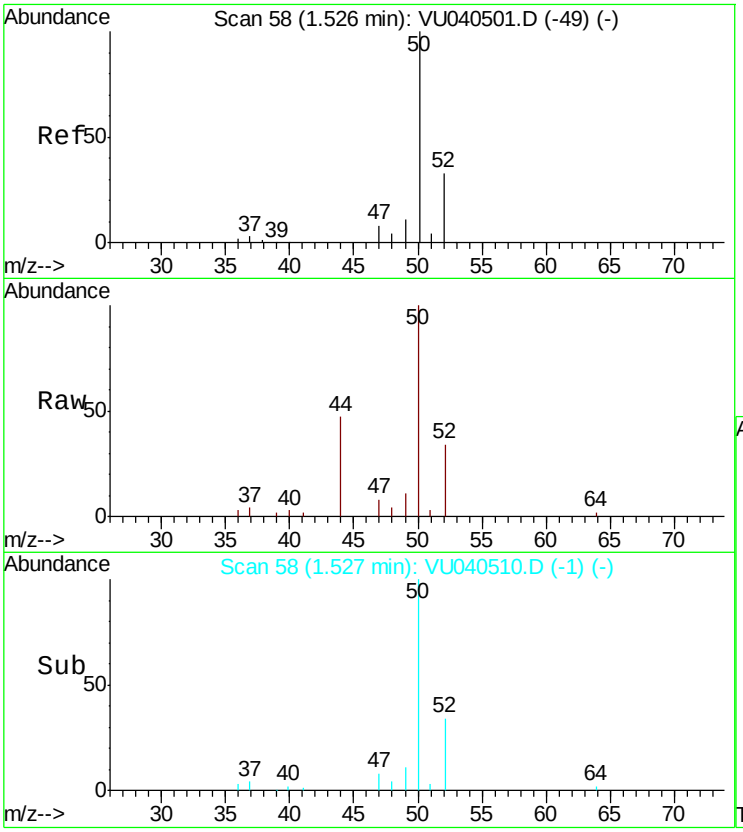
Sample : L4266-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC0

Quant Time: Oct 06 07:53:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration



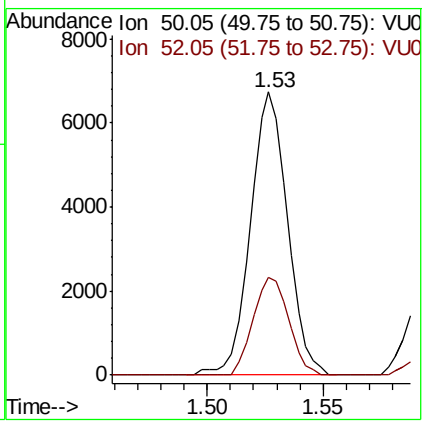


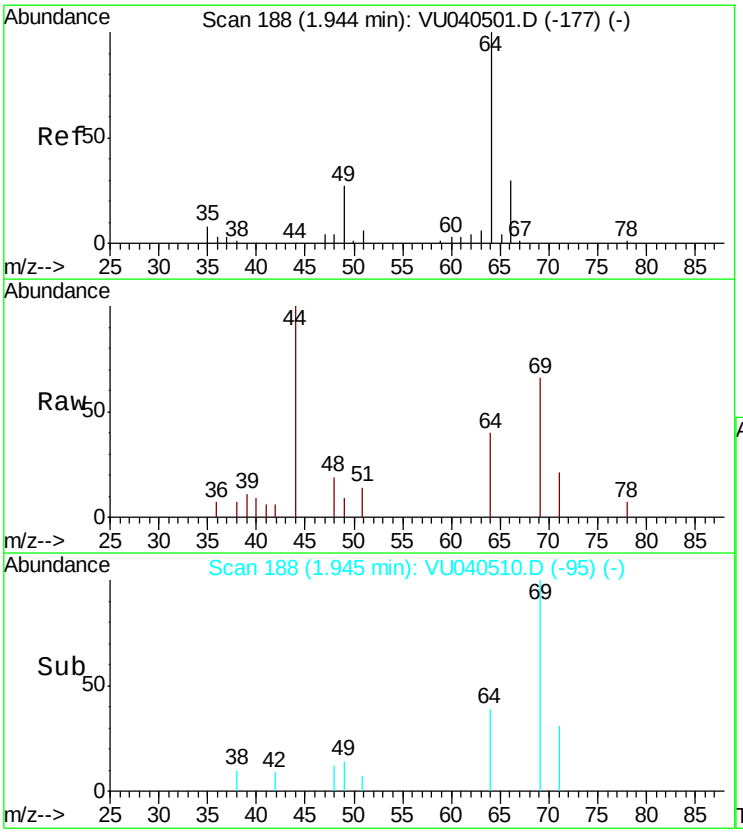
#3
Chloromethane
Concen: 0.651 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Instrument :
MSVOA_U
ClientSampleId :
BFSC0

Tgt Ion: 50 Resp: 7480

Ion	Ratio	Lower	Upper
50	100		
52	34.5	23.0	42.6

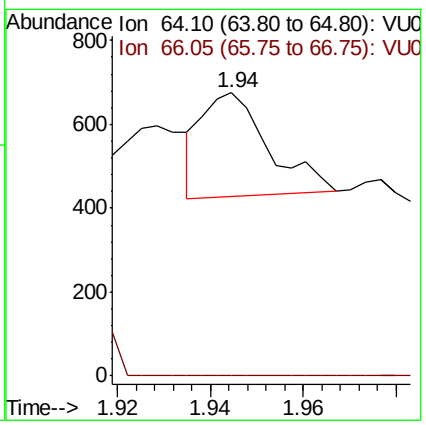


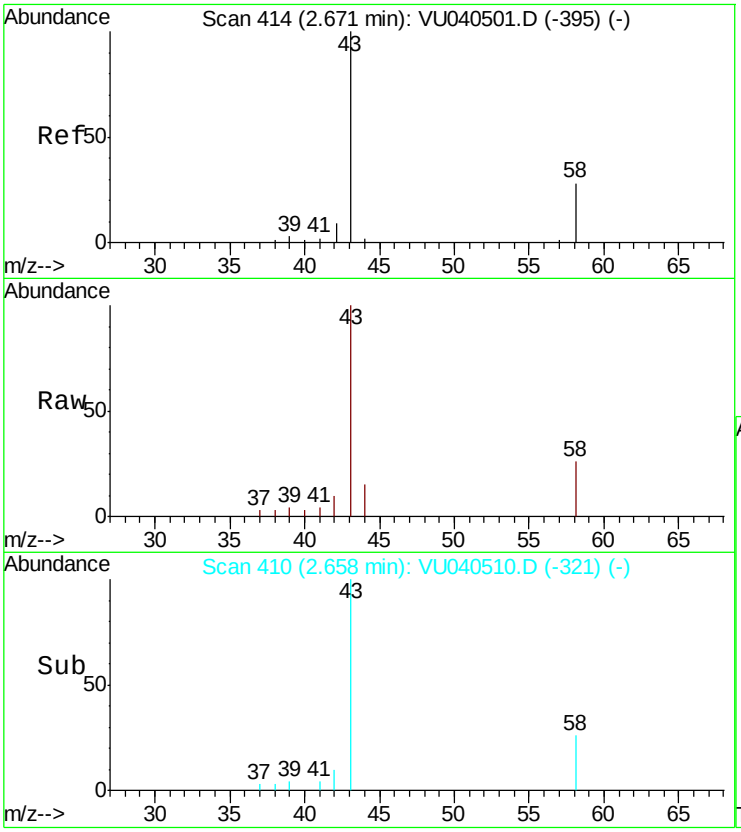


#8
Chloroethane
Concen: 0.036 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Tgt Ion: 64 Resp: 244

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.3	39.6#



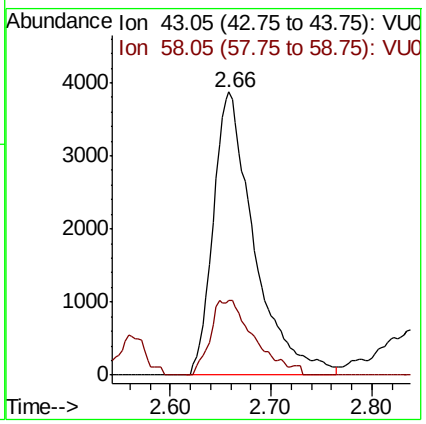


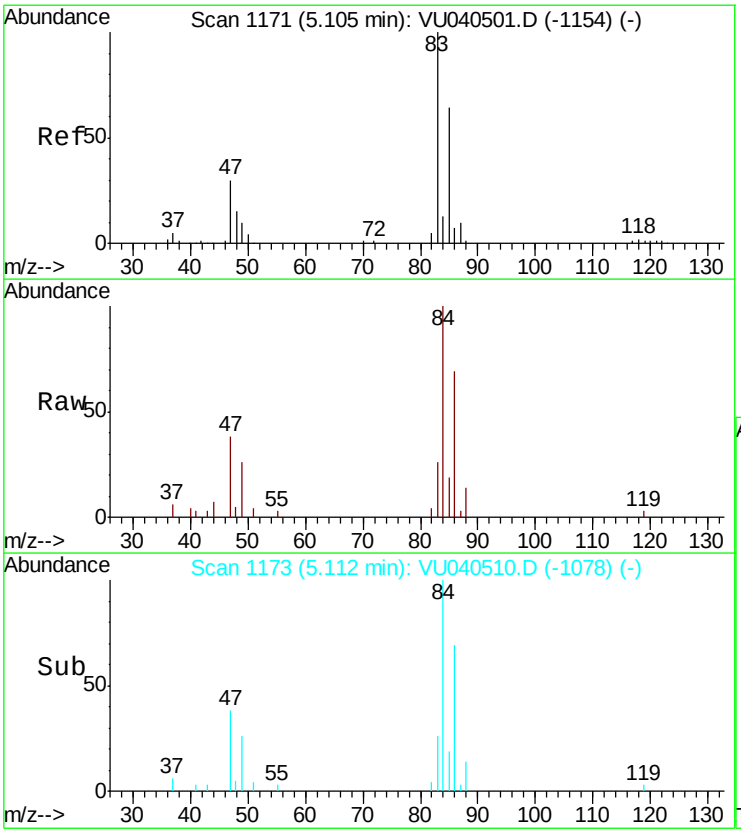
#13
Acetone
Concen: 4.564 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Instrument : MSVOA_U
ClientSampleId : BFSC0

Tgt Ion: 43 Resp: 10929

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	61.8

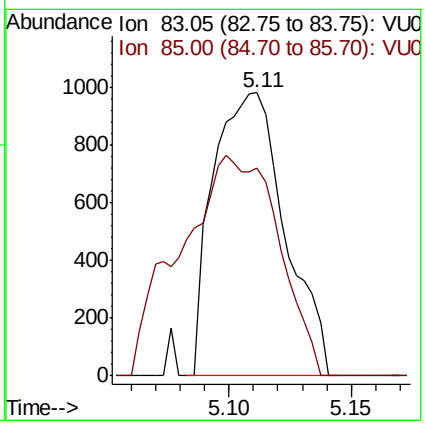


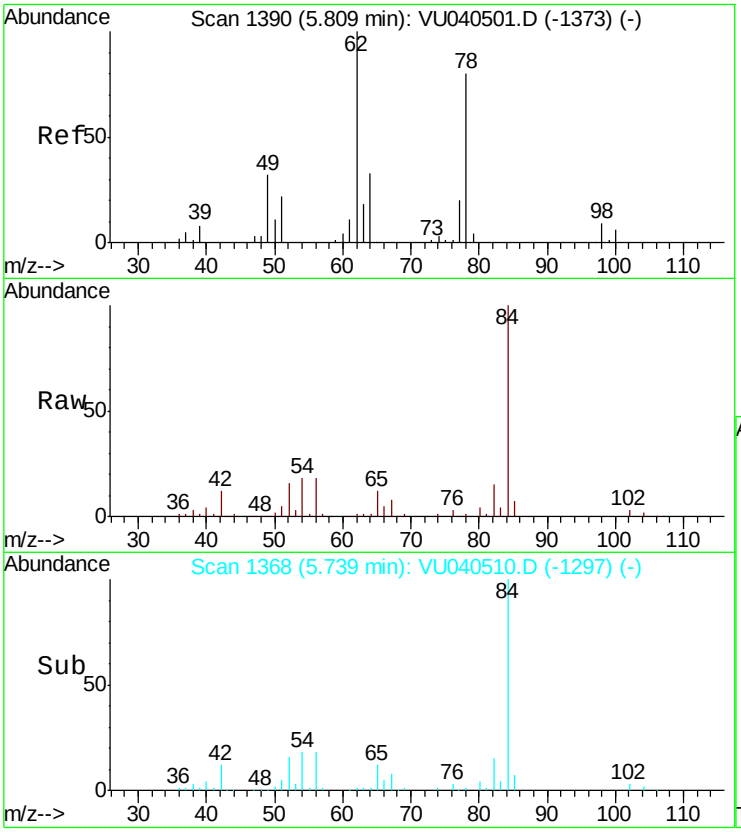


#25
Chloroform
Concen: 0.104 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Tgt Ion: 83 Resp: 2003

Ion	Ratio	Lower	Upper
83	100		
85	73.3	44.6	82.8



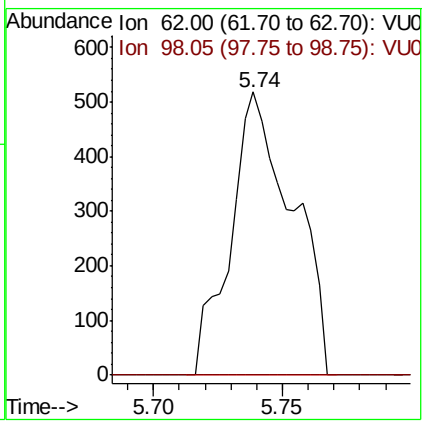


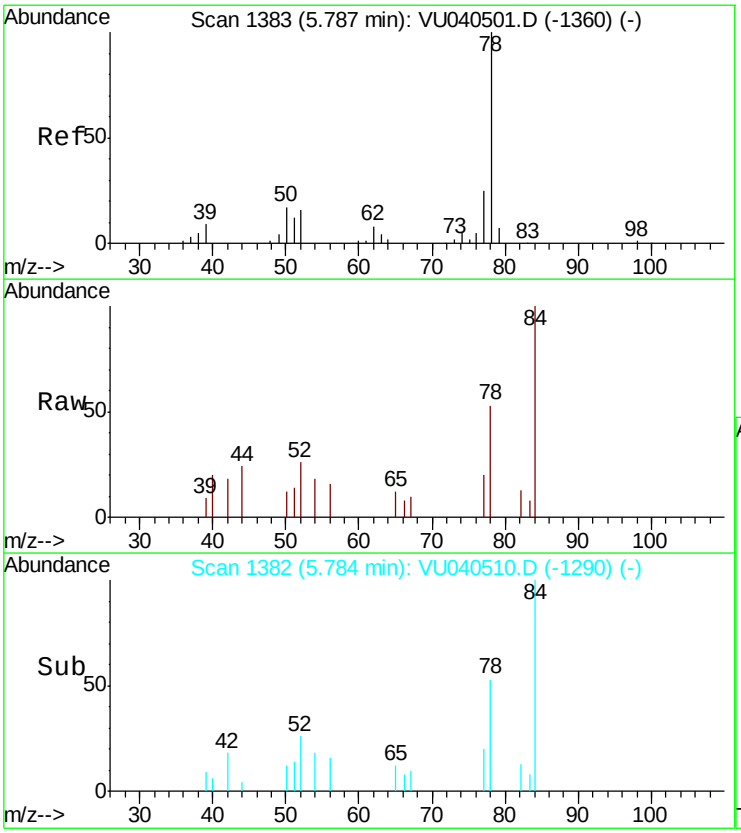
#27
1,2-Dichloroethane
Concen: 0.065 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Instrument :
MSVOA_U
ClientSampleId :
BFSC0

Tgt Ion: 62 Resp: 864

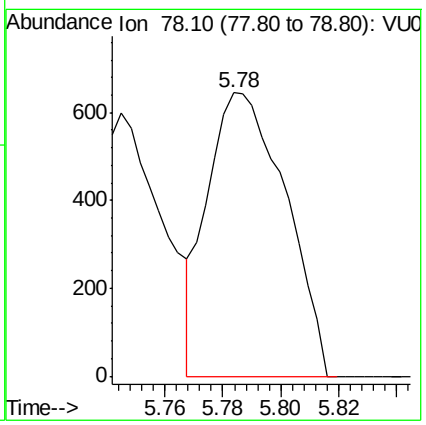
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

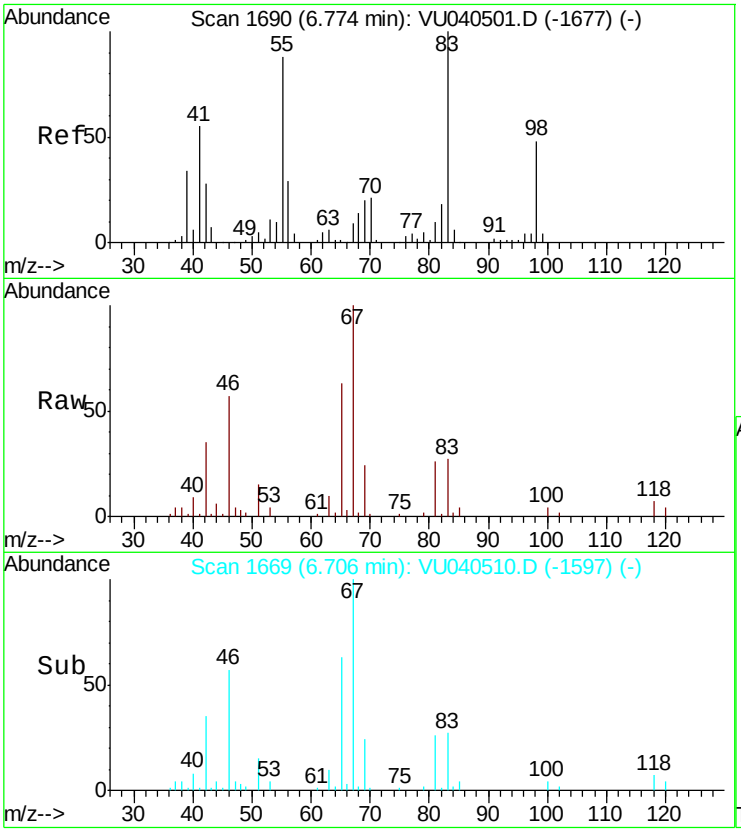




#33
Benzene
Concen: 0.030 ug/L
RT: 5.78 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Tgt Ion: 78 Resp: 1204



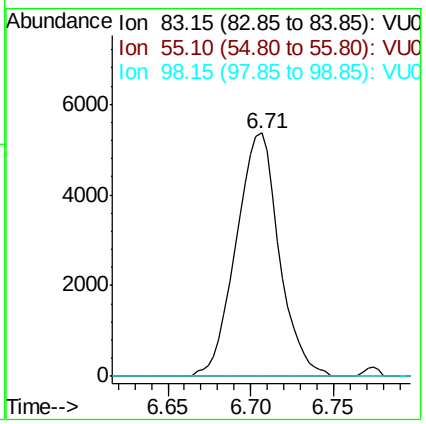


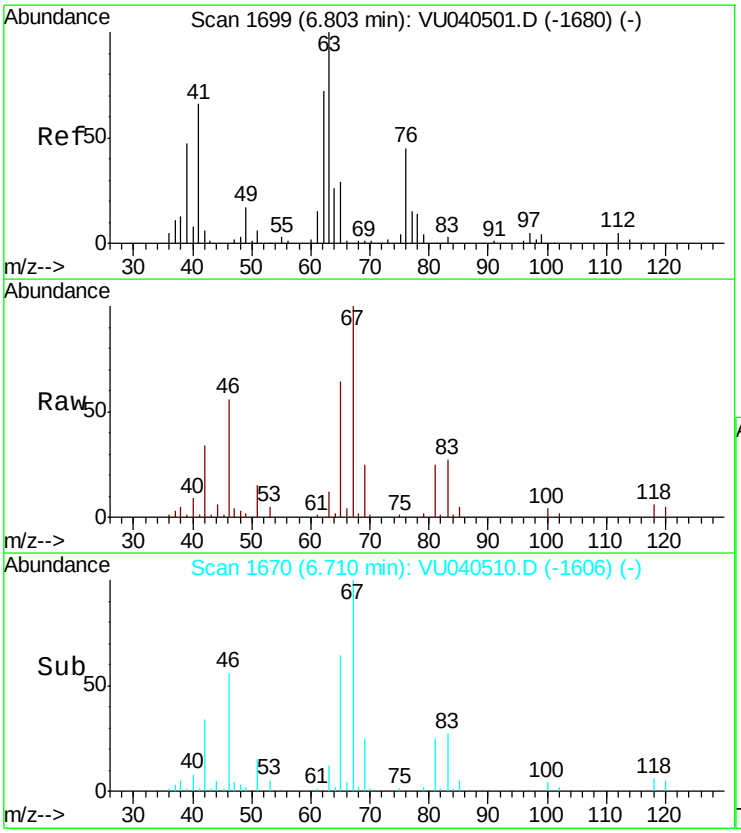
#35
Methylcyclohexane
Concen: 0.621 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Instrument : MSVOA_U
ClientSampleId : BFSC0

Tgt Ion: 83 Resp: 9667

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.4	107.2#
98	1.2	38.5	57.7#

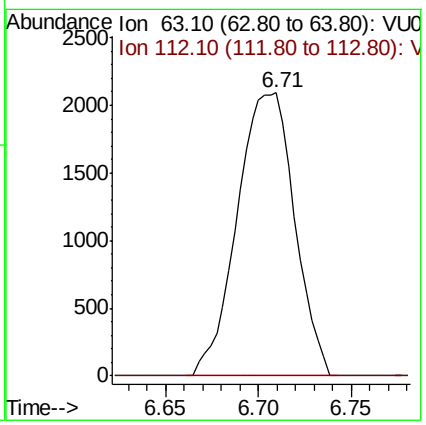


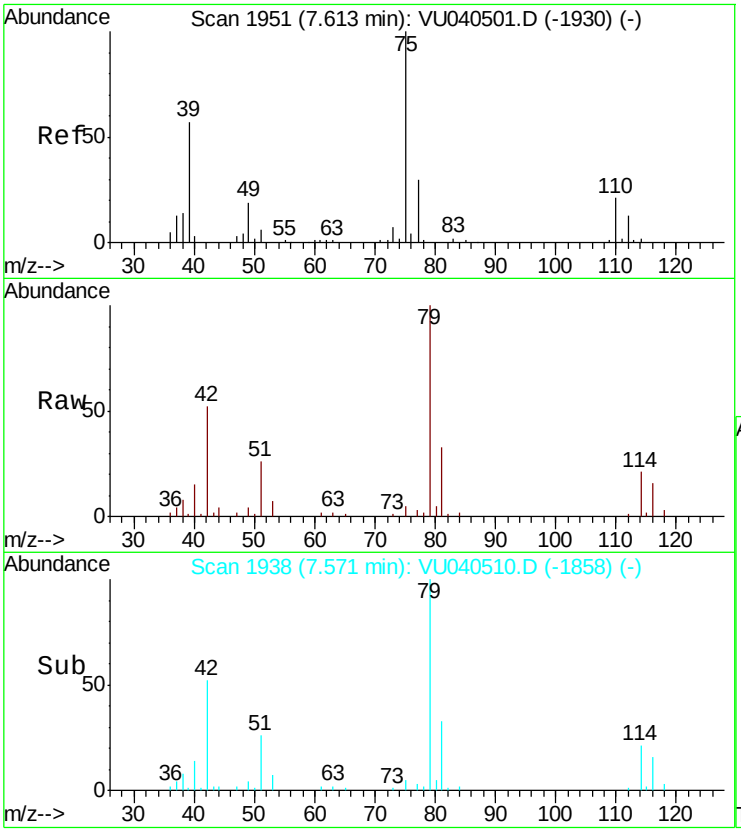


#37
1,2-Dichloropropane
Concen: 0.403 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Tgt Ion: 63 Resp: 4489

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



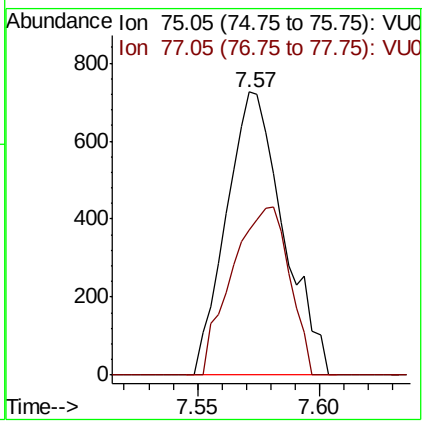


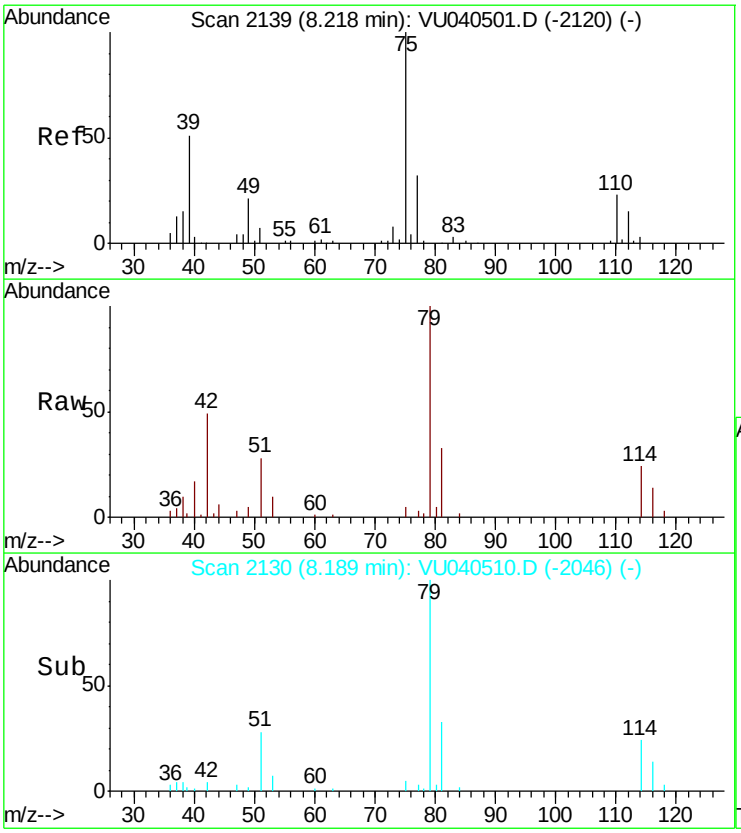
#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Instrument :
MSVOA_U
ClientSampleId :
BFSC0

Tgt Ion: 75 Resp: 1177

Ion	Ratio	Lower	Upper
75	100		
77	51.4	23.5	43.7#

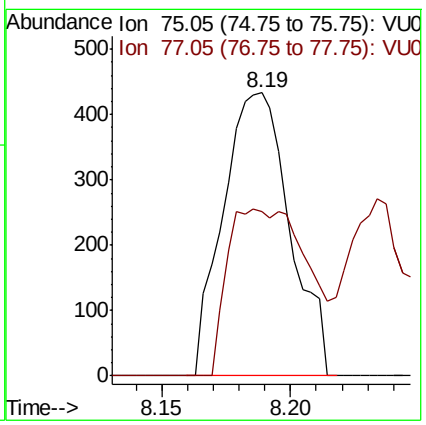


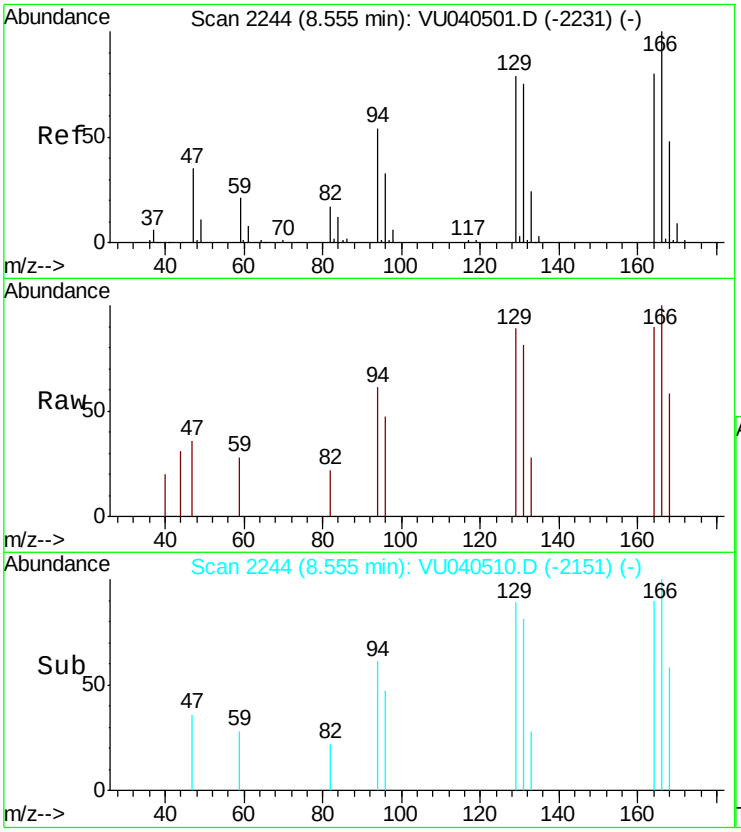


#44
trans-1,3-Dichloropropene
Concen: 0.057 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Tgt Ion: 75 Resp: 780

Ion	Ratio	Lower	Upper
75	100		
77	58.0	22.3	41.3#



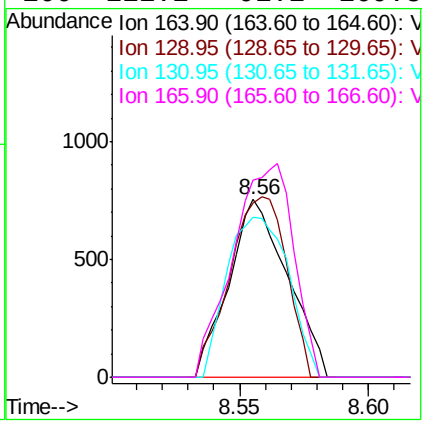


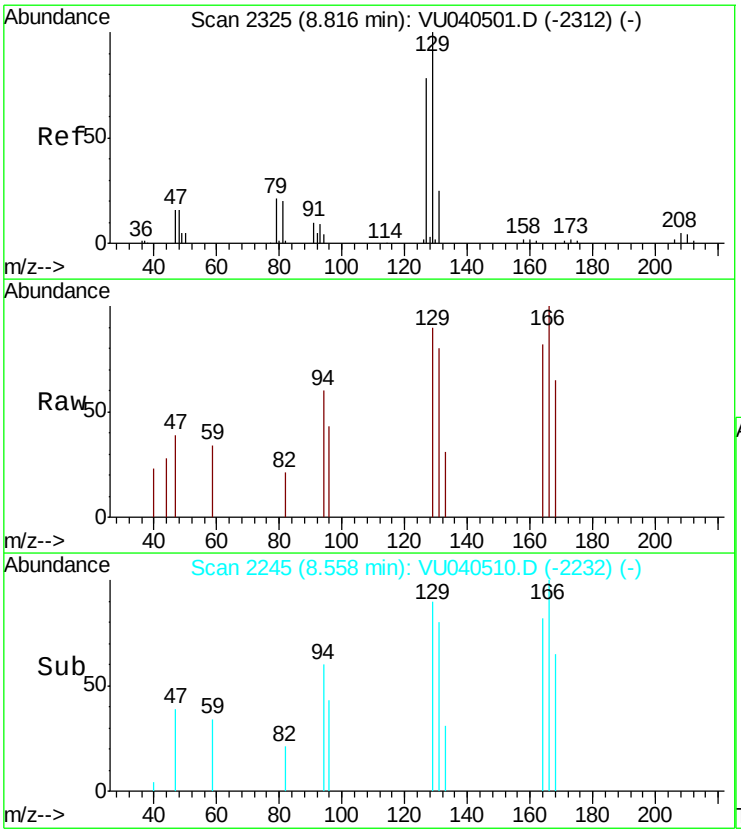
#47
Tetrachloroethene
Concen: 0.159 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Instrument :
MSVOA_U
ClientSampleId :
BFSC0

Tgt Ion:164 Resp: 1198

Ion	Ratio	Lower	Upper
164	100		
129	98.4	70.3	130.7
131	90.1	69.2	128.6
166	111.1	91.1	169.3

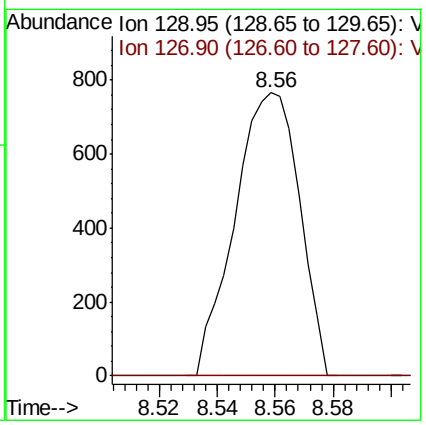


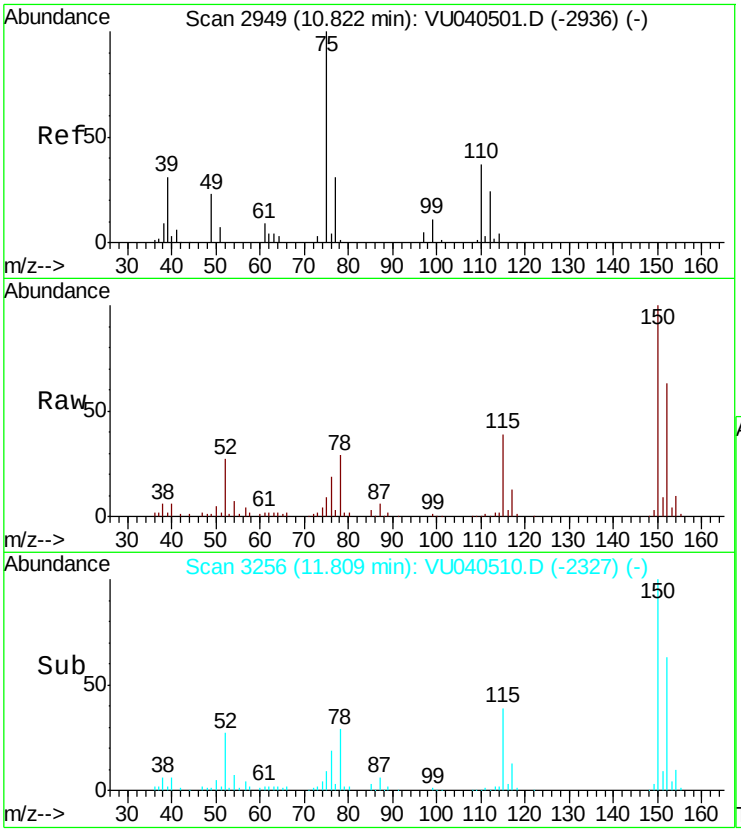


#49
Dibromochloromethane
Concen: 0.131 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Tgt Ion:129 Resp: 1187

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	103.0#





#59
1,2,3-Trichloropropane
Concen: 0.929 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040510.D
Acq: 05 Oct 2020 15:21

Instrument :
MSVOA_U
ClientSampleId :
BFSC0

Tgt Ion: 75 Resp: 7492

Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.7	38.5