Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040850.D
Acq On : 20 Oct 2020 16:01
Operator : SY/MD
Sample : L4420-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AK2

Quant Time: Oct 20 23:58:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109466	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119755	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50898	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	41547	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.92	69	36467	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%			
11) 1,1-Dichloroethene-d2	2.58	63	65833	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.20%			
20) 2-Butanone-d5	4.65	46	159211	54.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.70%			
24) Chloroform-d	5.08	84	83306	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
26) 1,2-Dichloroethane-d4	5.72	65	52251	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
32) Benzene-d6	5.74	84	151472	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.70	67	53747	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.91	98	123823	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
43) trans-1,3-Dichloropropene-	8.19	79	20696	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.64	63	113372	48.43	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.86%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48381	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50760	5.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.60%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	1098	0.118	ug/L	88
5) Vinyl chloride	1.61	62	1475	0.151	ug/L #	1
8) Chloroethane	1.95	64	575	0.092	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	487	0.053	ug/L #	20
12) 1,1-Dichloroethene	2.60	96	2984	0.382	ug/L #	1
13) Acetone	2.65	43	2282	1.014	ug/L	92
14) Carbon disulfide	2.81	76	1176	0.054	ug/L #	76
17) Methyl tert-butyl Ether	3.38	73	3404	0.154	ug/L #	93
19) 1,1-Dichloroethane	3.89	63	4693	0.278	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	23988	2.721	ug/L	93
25) Chloroform	5.10	83	4058	0.235	ug/L	97
34) Trichloroethene	6.56	95	19613	1.967	ug/L	99
35) Methylcyclohexane	6.71	83	12480	0.882	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	6227	0.581	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1557	0.106	ug/L #	71
42) Toluene	7.98	91	1698	0.043	ug/L	86
44) trans-1,3-Dichloropropene	8.19	75	888	0.066	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040850.D
Acq On : 20 Oct 2020 16:01
Operator : SY/MD
Sample : L4420-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AK2

Quant Time: Oct 20 23:58:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Tetrachloroethene	8.56	164	10248	1.440	ug/L		97
48) 2-Hexanone	8.64	43	16368	2.572	ug/L	#	71
49) Dibromochloromethane	8.56	129	9974	1.080	ug/L	#	9
59) 1,2,3-Trichloropropane	11.81	75	6774	0.860	ug/L	#	86

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
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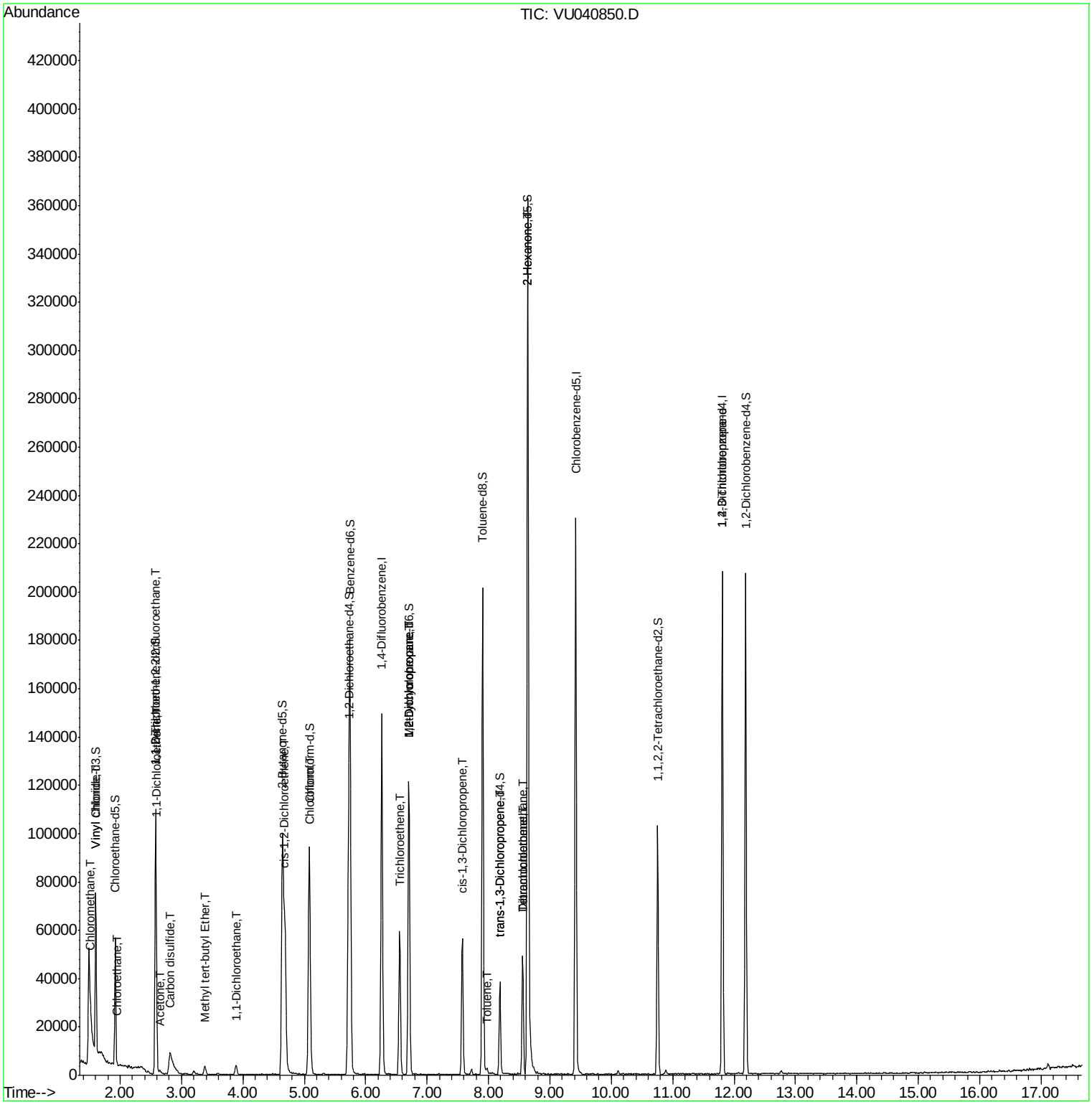
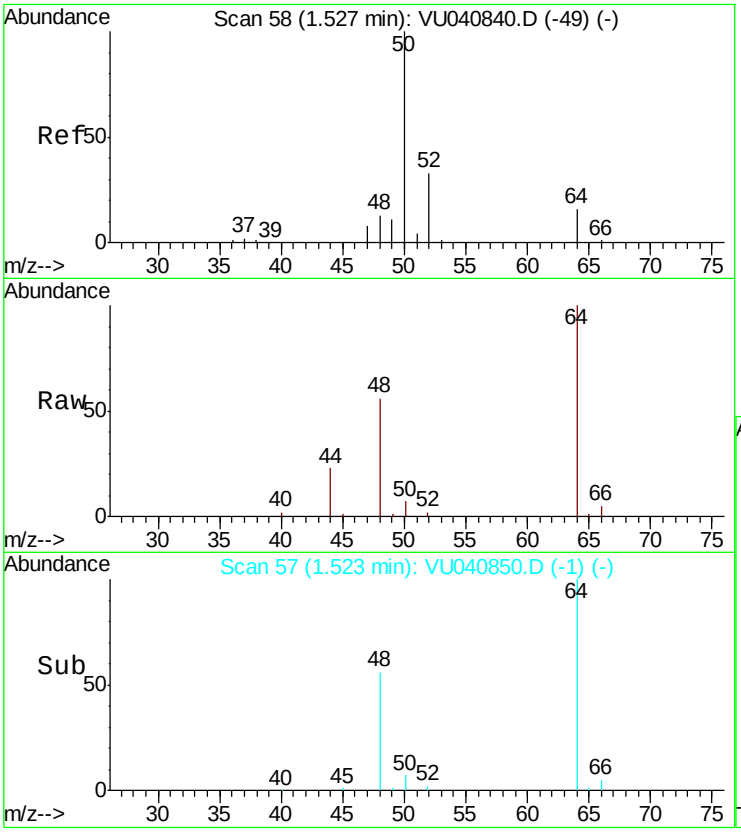


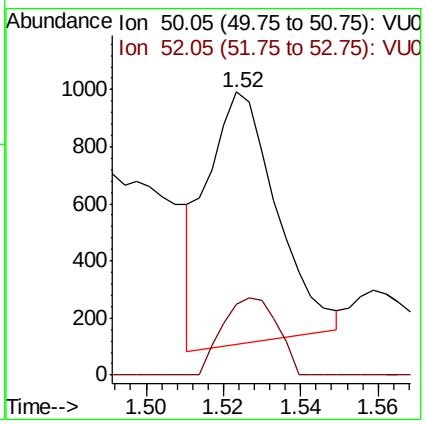


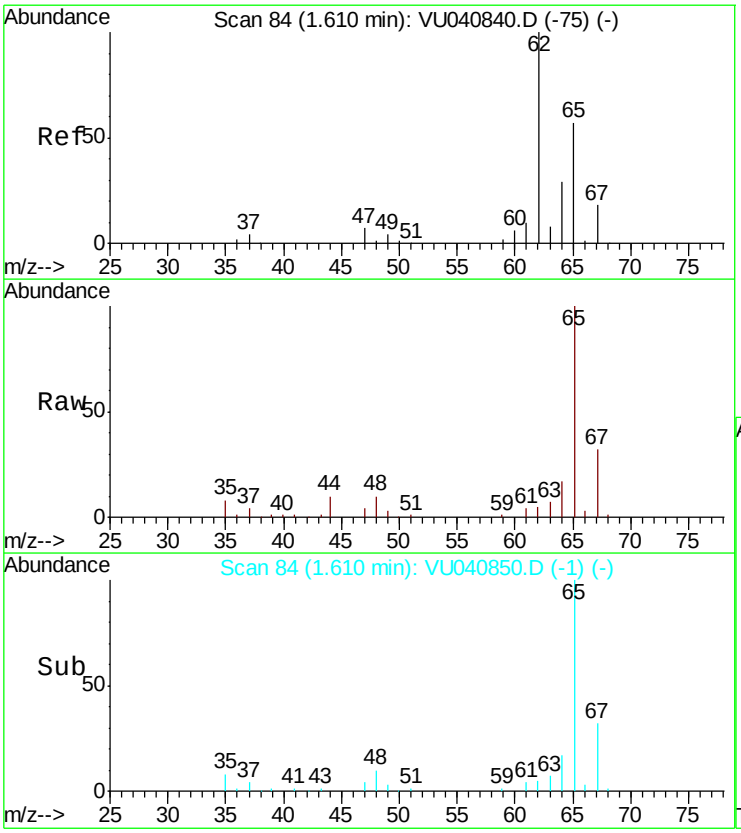
#3
Chloromethane
Concen: 0.118 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Instrument :
MSVOA_U
ClientSampleId :
C0AK2

Tgt Ion: 50 Resp: 1098

Ion	Ratio	Lower	Upper
50	100		
52	24.9	21.9	40.7

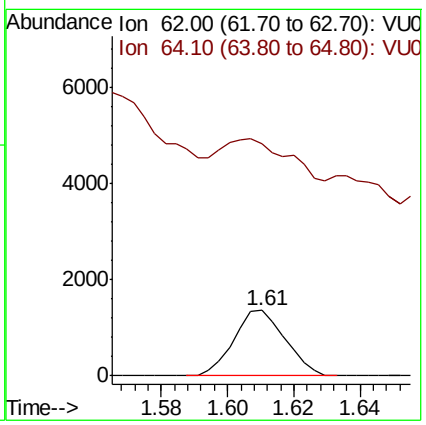


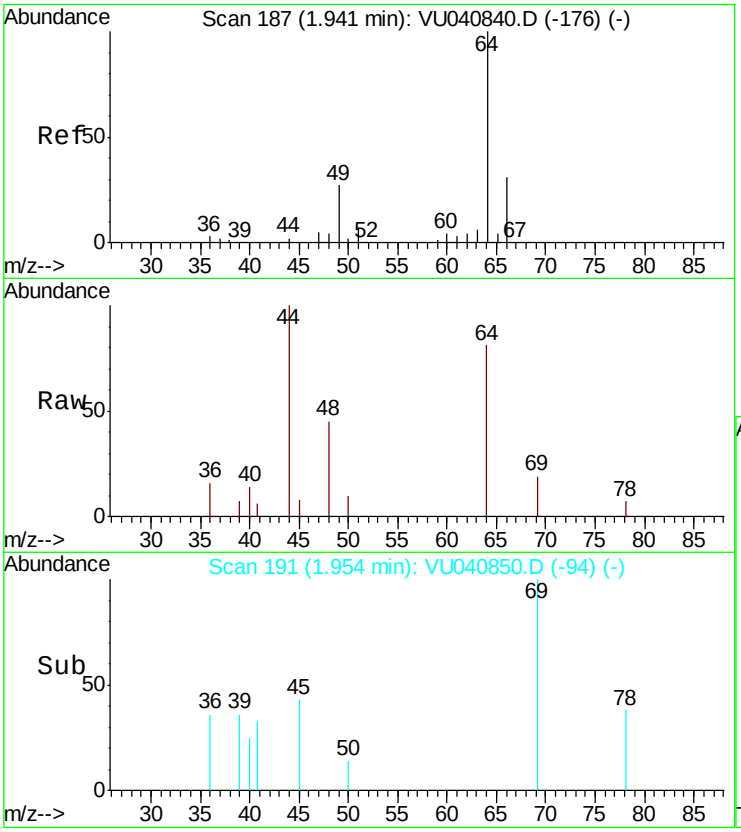


#5
Vinyl chloride
Concen: 0.151 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Tgt Ion: 62 Resp: 1475

Ion	Ratio	Lower	Upper
62	100		
64	354.1	23.7	44.1#



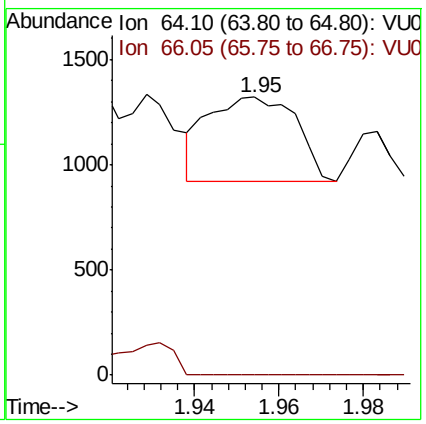


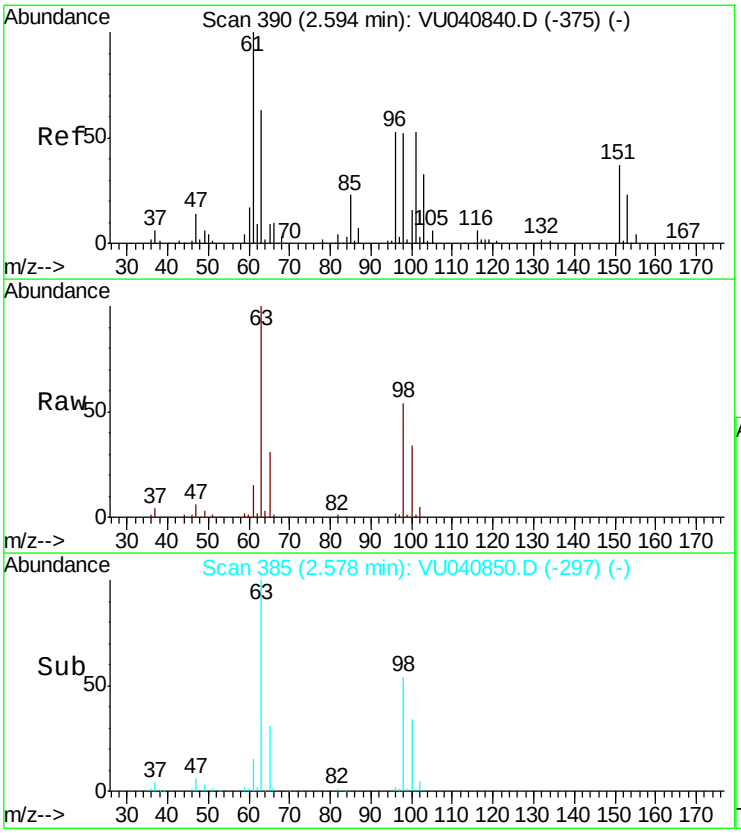
#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.01 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Instrument :
MSVOA_U
ClientSampleId :
C0AK2

Tgt Ion: 64 Resp: 575

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.3	43.3#

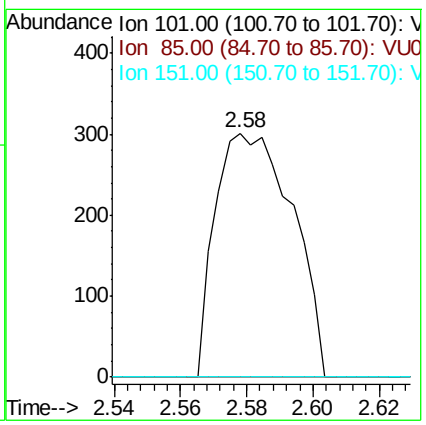


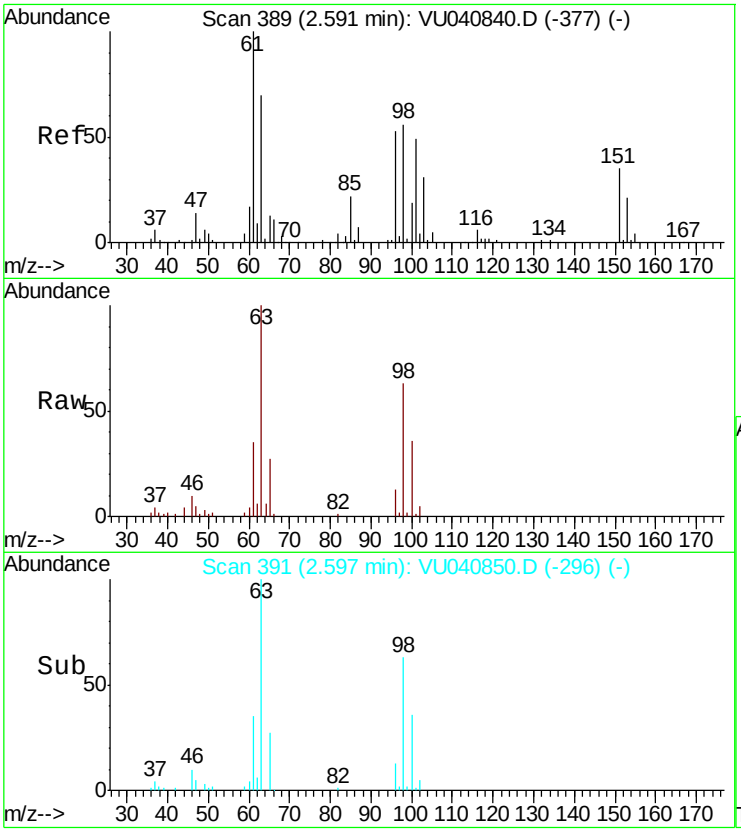


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Tgt Ion:101 Resp: 487

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.7	55.1#
151	0.0	58.0	87.0#



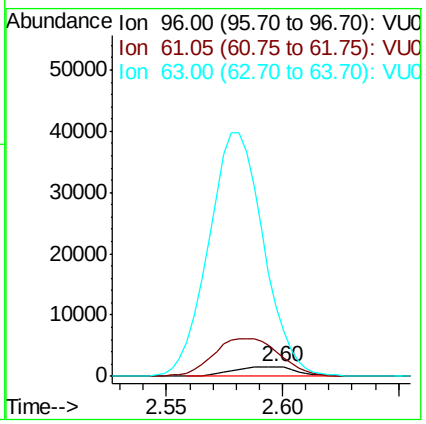


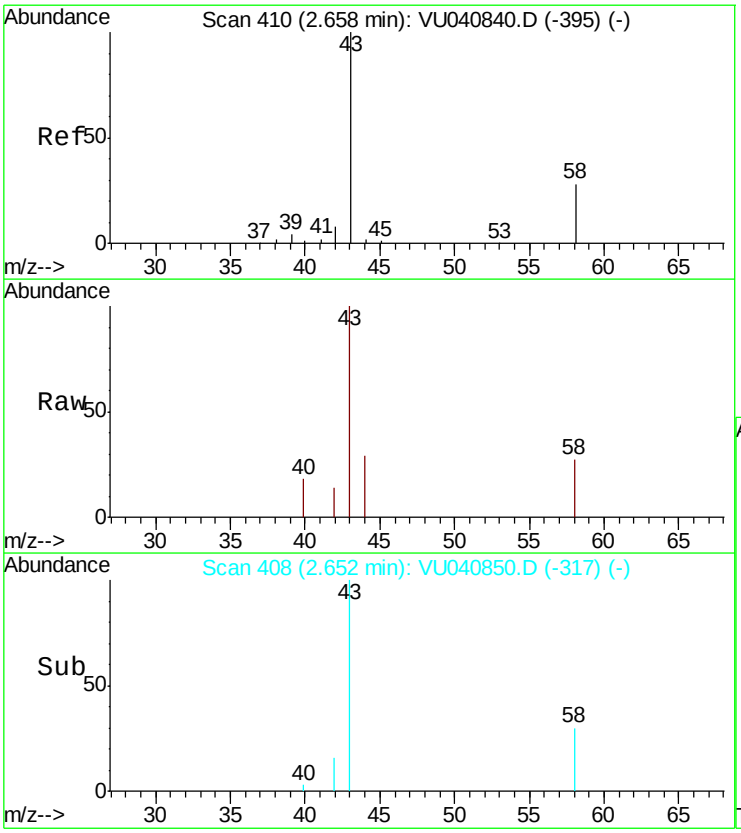
#12
1,1-Dichloroethene
Concen: 0.382 ug/L
RT: 2.60 min Scan# 391
Delta R.T. 0.01 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Instrument : MSVOA_U
ClientSampleId : C0AK2

Tgt Ion: 96 Resp: 2984

Ion	Ratio	Lower	Upper
96	100		
61	264.7	128.8	239.2#
63	748.6	84.6	157.2#

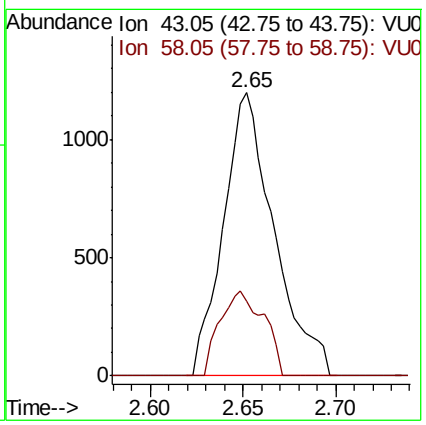


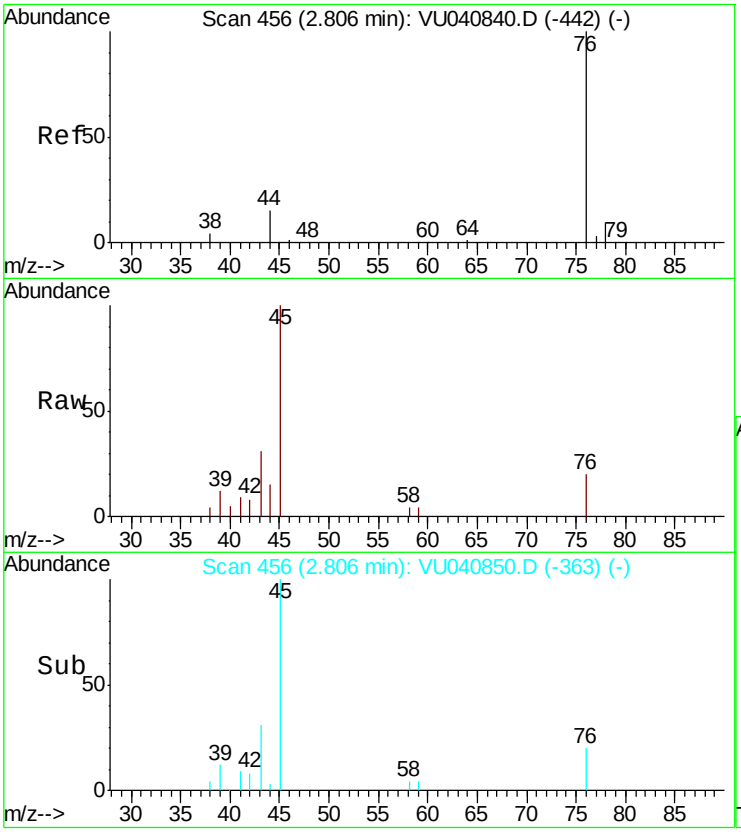


#13
Acetone
Concen: 1.014 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Tgt Ion: 43 Resp: 2282

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	60.6



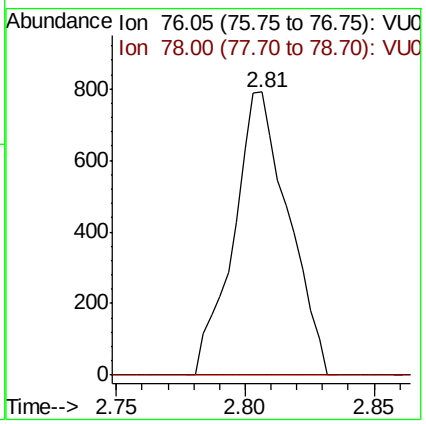


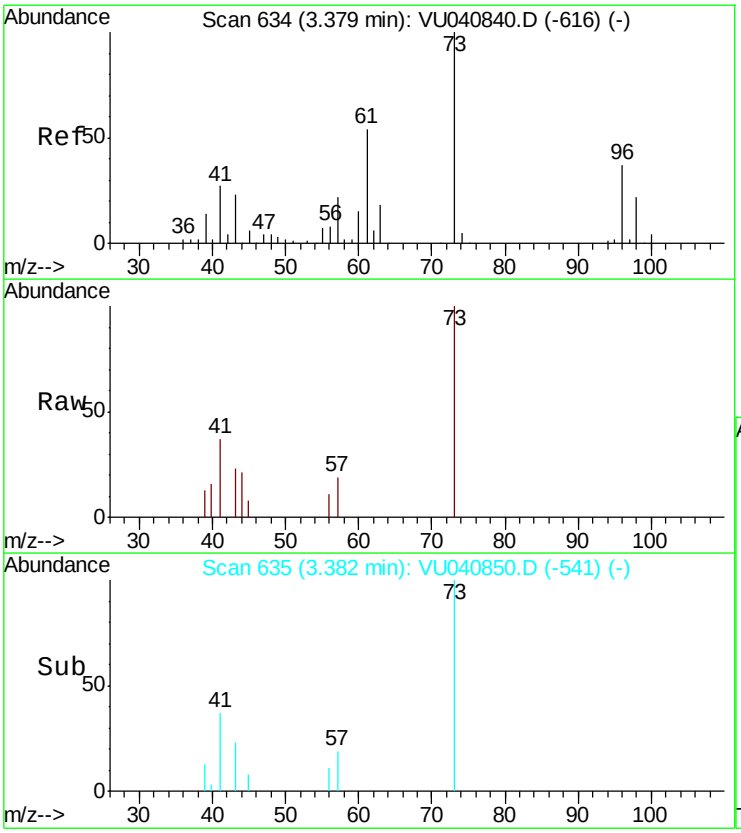
#14
Carbon disulfide
Concen: 0.054 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Instrument :
MSVOA_U
ClientSampleId :
C0AK2

Tgt Ion: 76 Resp: 1176

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.8	10.2#

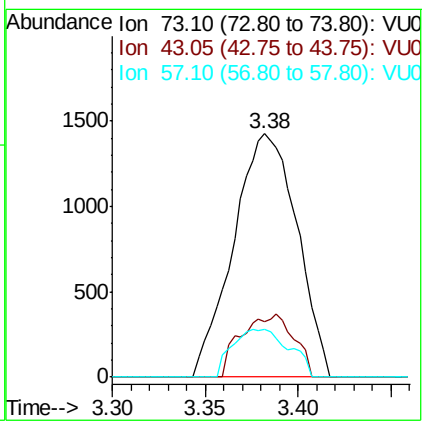


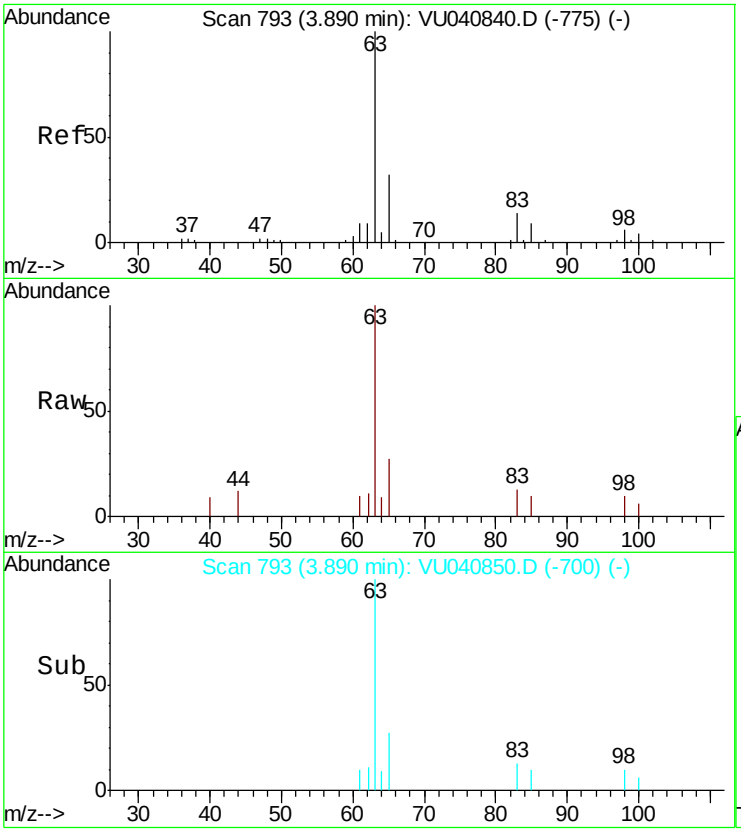


#17
Methyl tert-butyl Ether
Concen: 0.154 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Tgt Ion: 73 Resp: 3404

Ion	Ratio	Lower	Upper
73	100		
43	21.5	18.2	27.4
57	17.6	18.6	28.0#



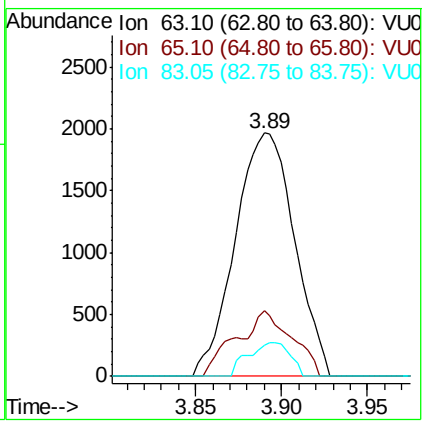


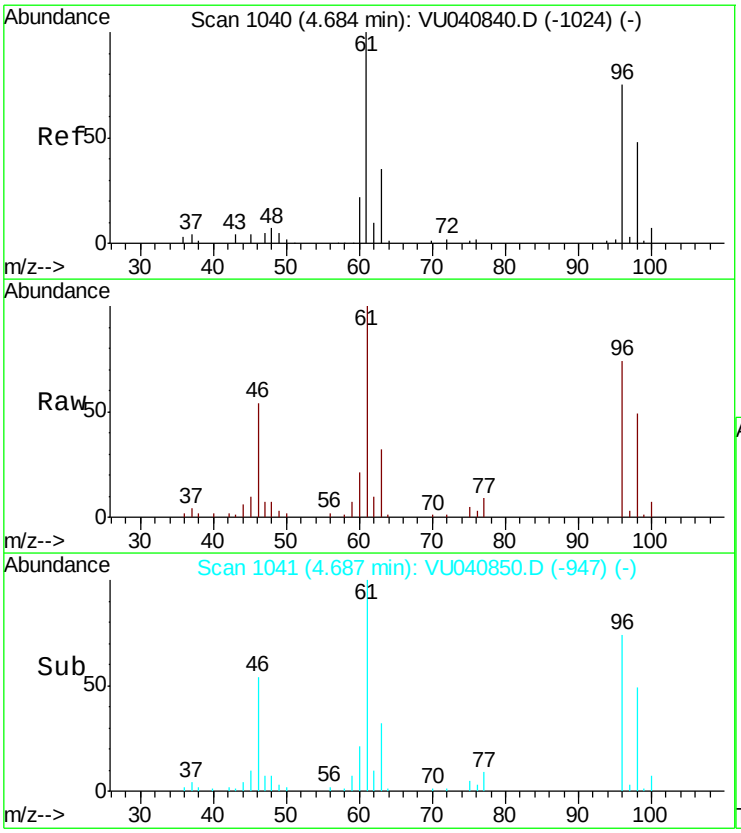
#19
1,1-Dichloroethane
Concen: 0.278 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Instrument : MSVOA_U
ClientSampleId : C0AK2

Tgt Ion: 63 Resp: 4693

Ion	Ratio	Lower	Upper
63	100		
65	27.1	21.9	40.7
83	13.0	9.6	17.8

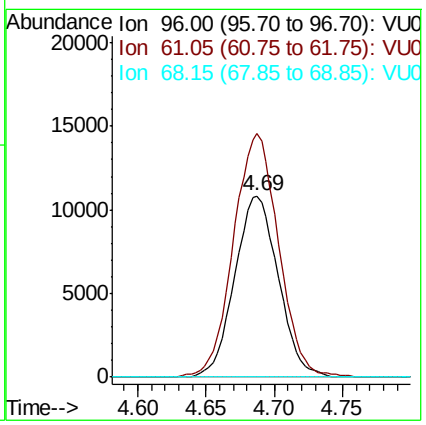


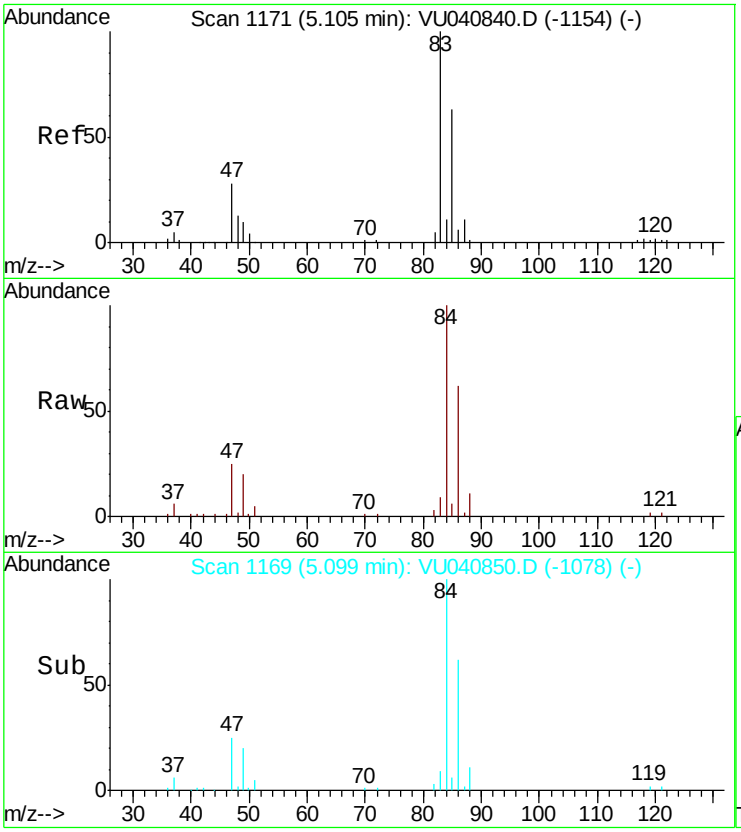


#22
cis-1,2-Dichloroethene
Concen: 2.721 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Tgt Ion: 96 Resp: 23988

Ion	Ratio	Lower	Upper
96	100		
61	134.4	99.8	185.4
68	0.0	0.0	0.0



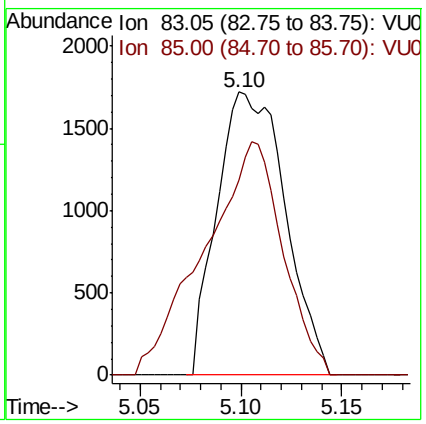


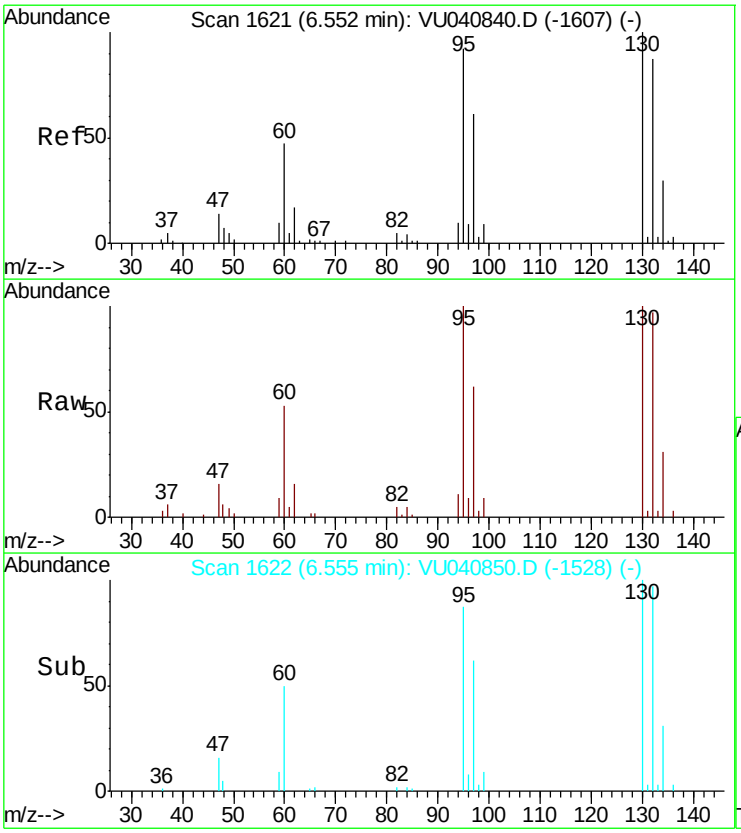
#25
Chloroform
Concen: 0.235 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Instrument : MSVOA_U
ClientSampleId : C0AK2

Tgt Ion: 83 Resp: 4058

Ion	Ratio	Lower	Upper
83	100		
85	68.9	46.5	86.5

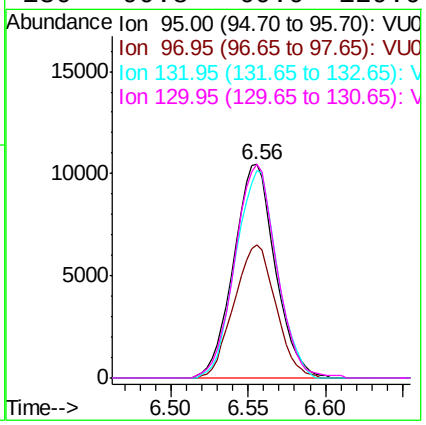


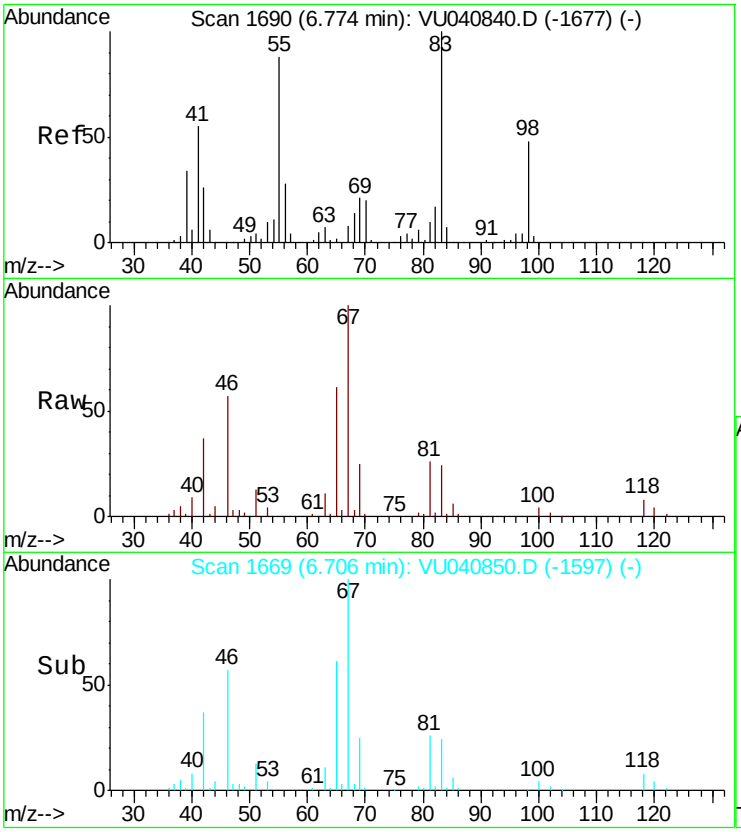


#34
Trichloroethene
Concen: 1.967 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Tgt Ion: 95 Resp: 19613

Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.5	84.5
132	97.1	67.5	125.4
130	99.8	69.9	129.9



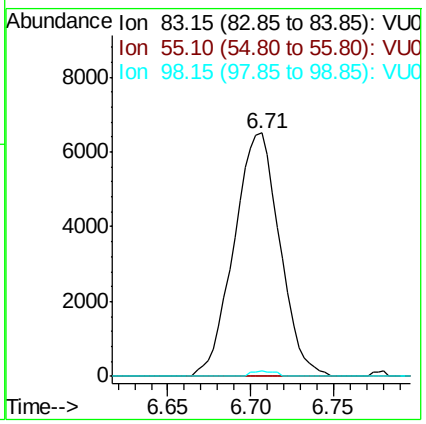


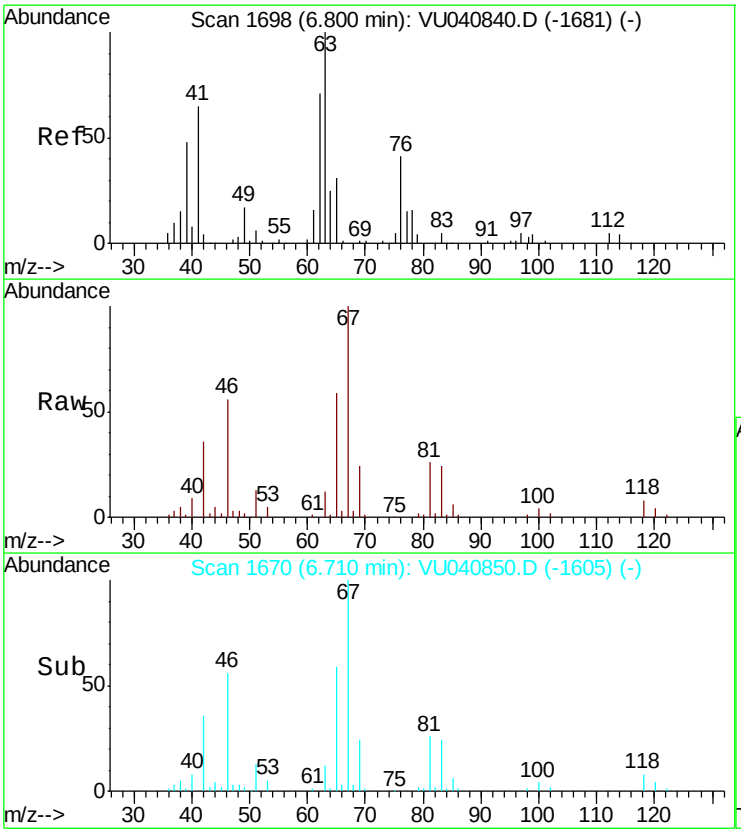
#35
Methylcyclohexane
Concen: 0.882 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Instrument :
MSVOA_U
ClientSampleId :
C0AK2

Tgt Ion: 83 Resp: 12480

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	1.1	38.4	57.6#

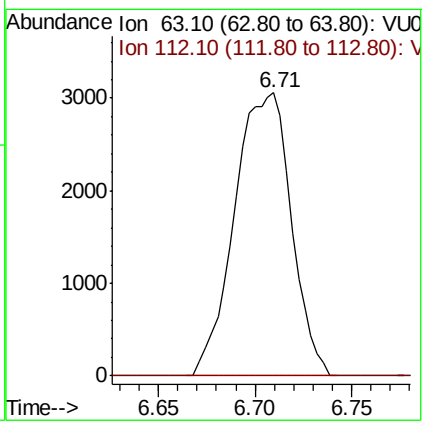


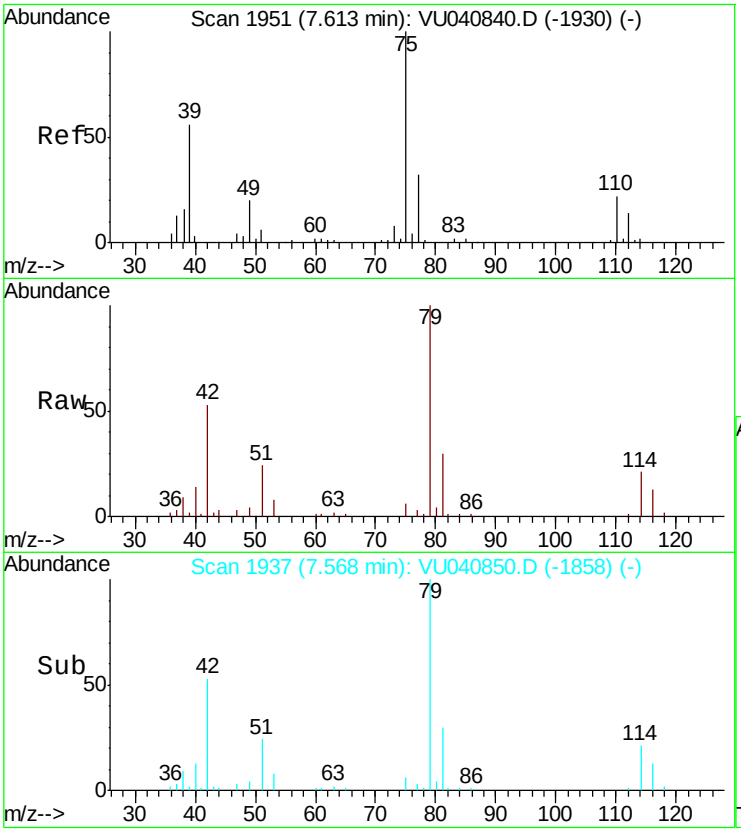


#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Tgt Ion: 63 Resp: 6227

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



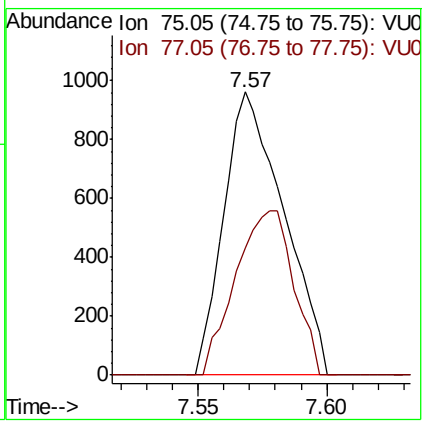


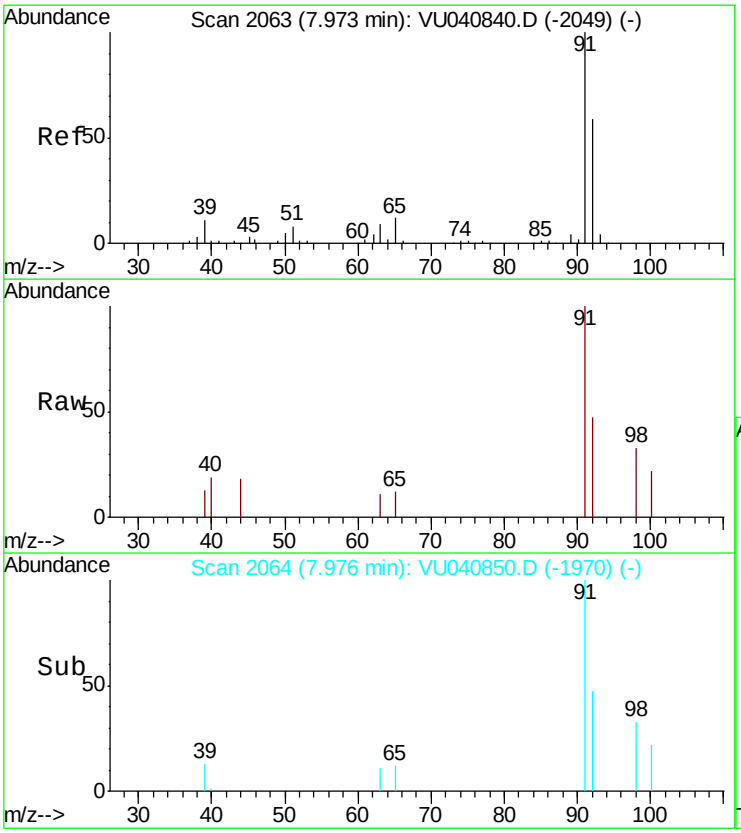
#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.04 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Instrument :
MSVOA_U
ClientSampleId :
C0AK2

Tgt Ion: 75 Resp: 1557

Ion	Ratio	Lower	Upper
75	100		
77	44.7	20.5	38.1#

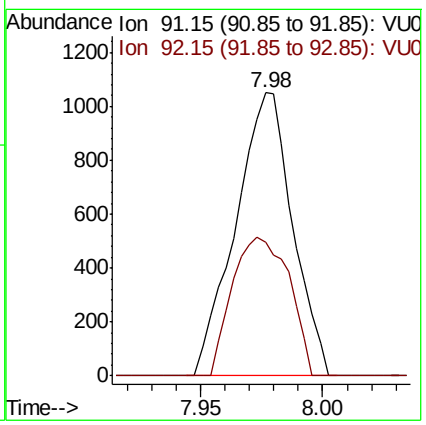


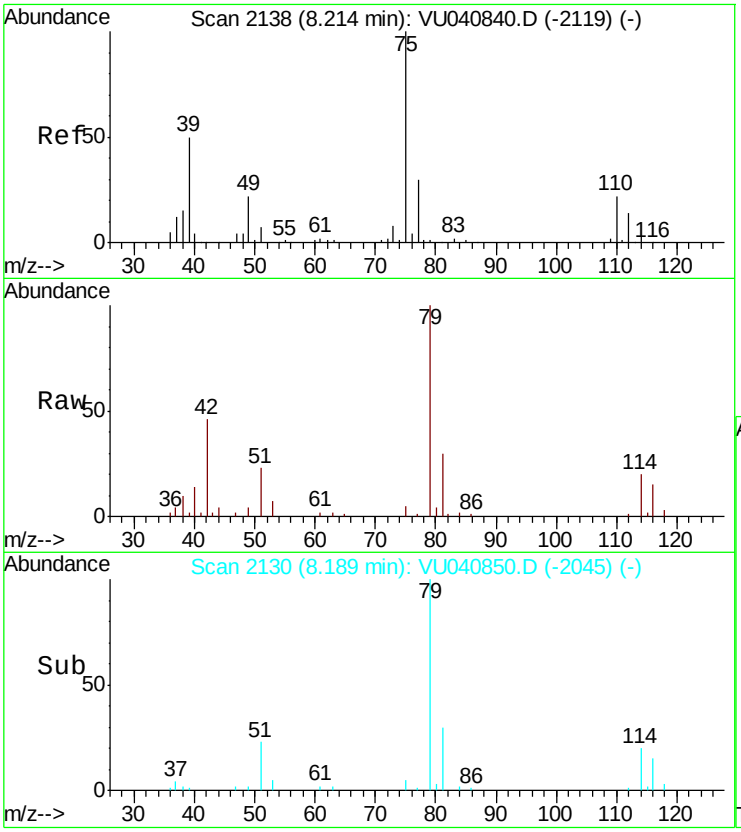


#42
Toluene
Concen: 0.043 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Tgt Ion: 91 Resp: 1698

Ion	Ratio	Lower	Upper
91	100		
92	47.0	40.2	74.6



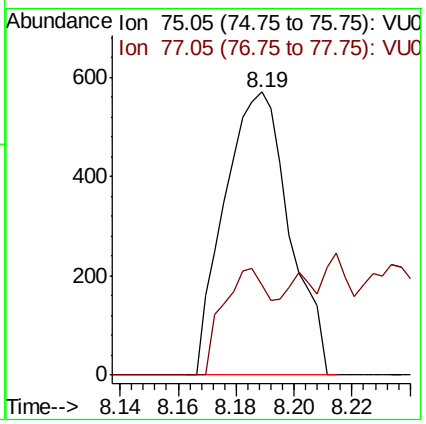


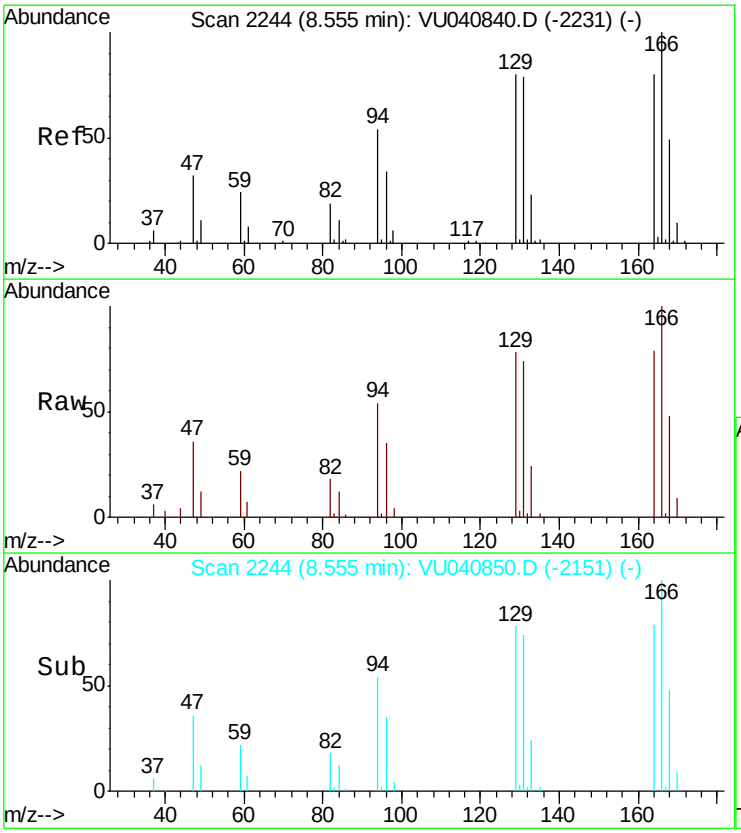
#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Instrument : MSVOA_U
ClientSampleId : C0AK2

Tgt Ion: 75 Resp: 888

Ion	Ratio	Lower	Upper
75	100		
77	32.0	20.4	38.0

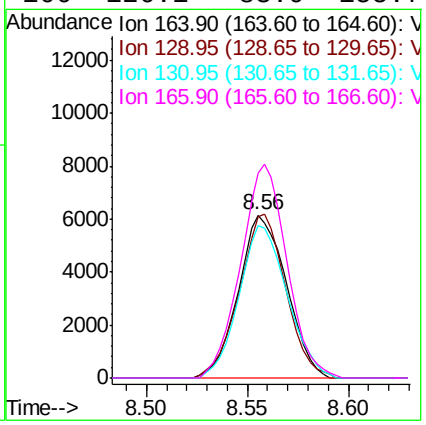


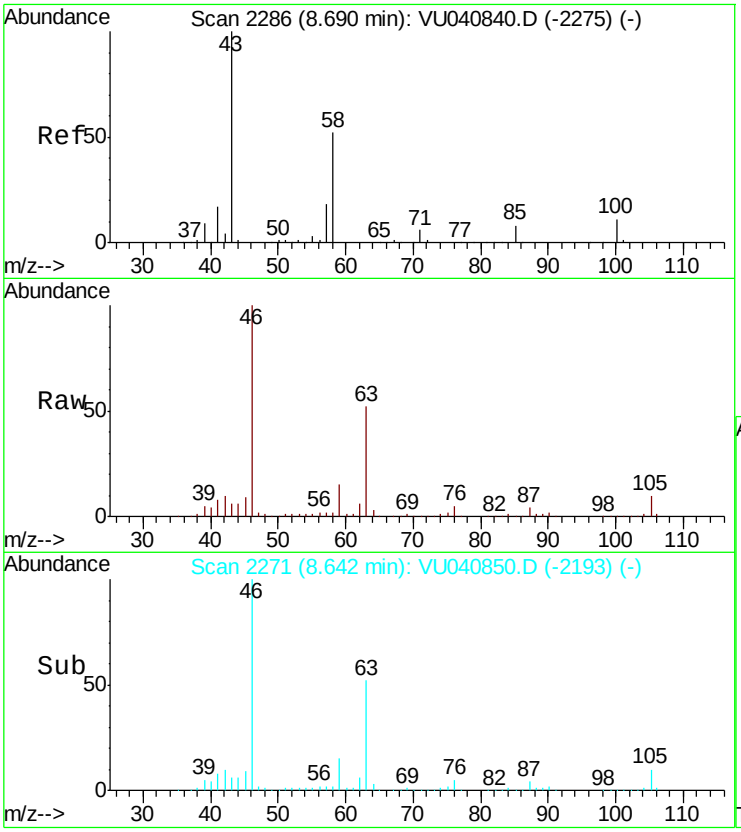


#47
Tetrachloroethene
Concen: 1.440 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Tgt Ion:164 Resp: 10248

Ion	Ratio	Lower	Upper
164	100		
129	98.9	68.8	127.8
131	93.3	66.7	123.9
166	126.1	83.9	155.7



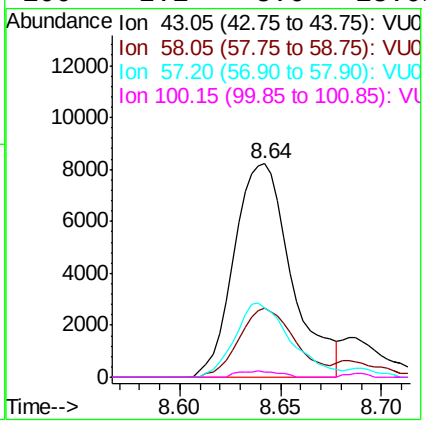


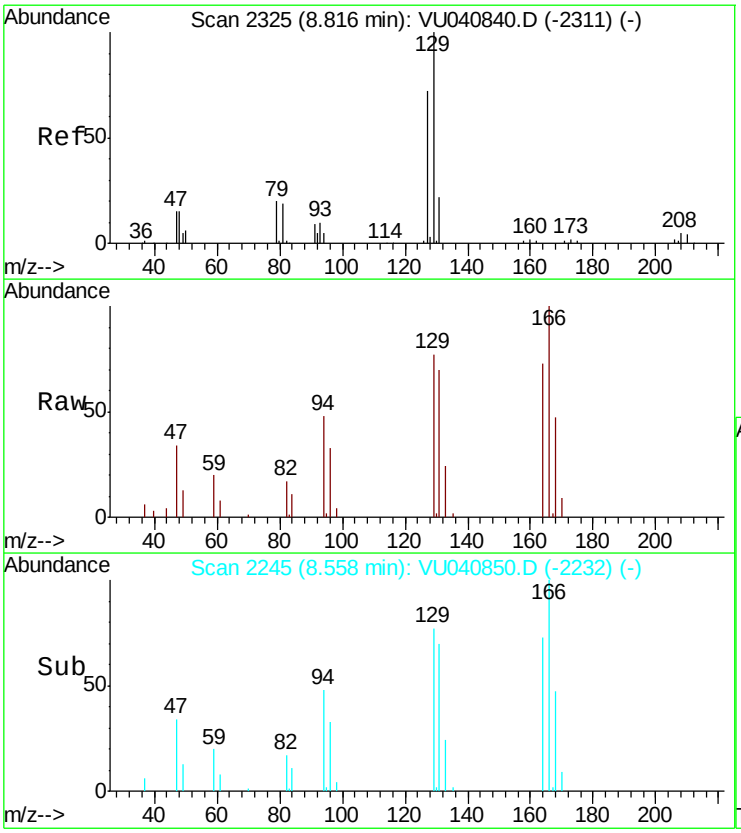
#48
2-Hexanone
Concen: 2.572 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Instrument : MSVOA_U
ClientSampleId : C0AK2

Tgt Ion: 43 Resp: 16368

Ion	Ratio	Lower	Upper
43	100		
58	31.4	41.0	61.6#
57	33.8	14.4	21.6#
100	2.1	8.6	13.0#

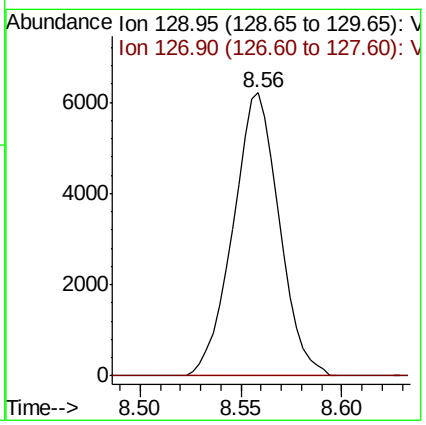


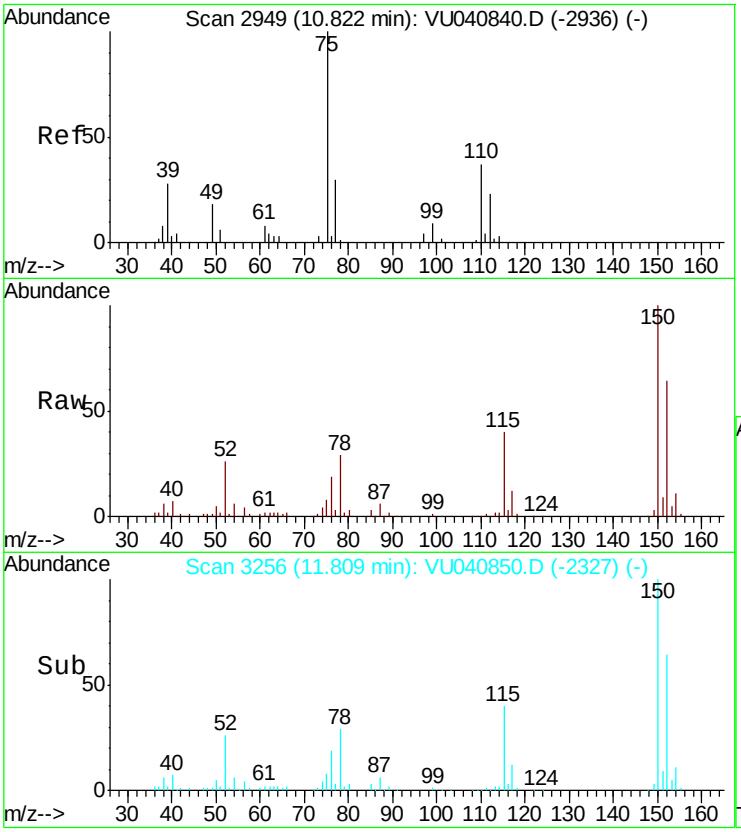


#49
Dibromochloromethane
Concen: 1.080 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Tgt Ion:129 Resp: 9974

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#





#59
1,2,3-Trichloropropane
Concen: 0.860 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040850.D
Acq: 20 Oct 2020 16:01

Instrument :
MSVOA_U
ClientSampleId :
C0AK2

Tgt Ion: 75 Resp: 6774

Ion	Ratio	Lower	Upper
75	100		
77	41.0	26.4	39.6#