Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101320\
Data File : VU040686.D
Acq On : 13 Oct 2020 16:35
Operator : SY/MD
Sample : L4346-01DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAQZ2DL

Quant Time: Oct 14 06:06:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 14 05:57:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127333	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54693	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	40122	3.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.00%			
7) Chloroethane-d5	1.92	69	36755	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.58	63	64484	3.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.60%			
20) 2-Butanone-d5	4.66	46	177443	52.55	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.10%			
24) Chloroform-d	5.08	84	87947	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.72	65	54635	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.74	84	152250	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
36) 1,2-Dichloropropane-d6	6.70	67	55357	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.91	98	119579	3.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.20%			
43) trans-1,3-Dichloropropene-	8.19	79	21637	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.64	63	121832	47.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.72%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50581	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50544	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.60%			
Target Compounds						Qvalue
8) Chloroethane	1.93	64	600	0.083	ug/L #	41
12) 1,1-Dichloroethene	2.58	96	665	0.073	ug/L #	1
13) Acetone	2.67	43	22592	8.632	ug/L	98
16) Methylene chloride	3.06	84	2062	0.177	ug/L	92
25) Chloroform	5.10	83	2233	0.111	ug/L	90
33) Benzene	5.74	78	1340	0.032	ug/L	100
34) Trichloroethene	6.56	95	63164	5.763	ug/L	99
35) Methylcyclohexane	6.70	83	12677	0.816	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6095	0.517	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1550	0.096	ug/L #	57
44) trans-1,3-Dichloropropene	8.19	75	819	0.055	ug/L #	21
47) Tetrachloroethene	8.56	164	6743	0.862	ug/L	93
48) 2-Hexanone	8.64	43	20174	2.885	ug/L #	70
49) Dibromochloromethane	8.56	129	6532	0.643	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	7443	0.860	ug/L	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101320\
Data File : VU040686.D
Acq On : 13 Oct 2020 16:35
Operator : SY/MD
Sample : L4346-01DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAQZ2DL

Quant Time: Oct 14 06:06:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 14 05:57:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101320\
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Quant Title : TRACE VOA SOM01.0
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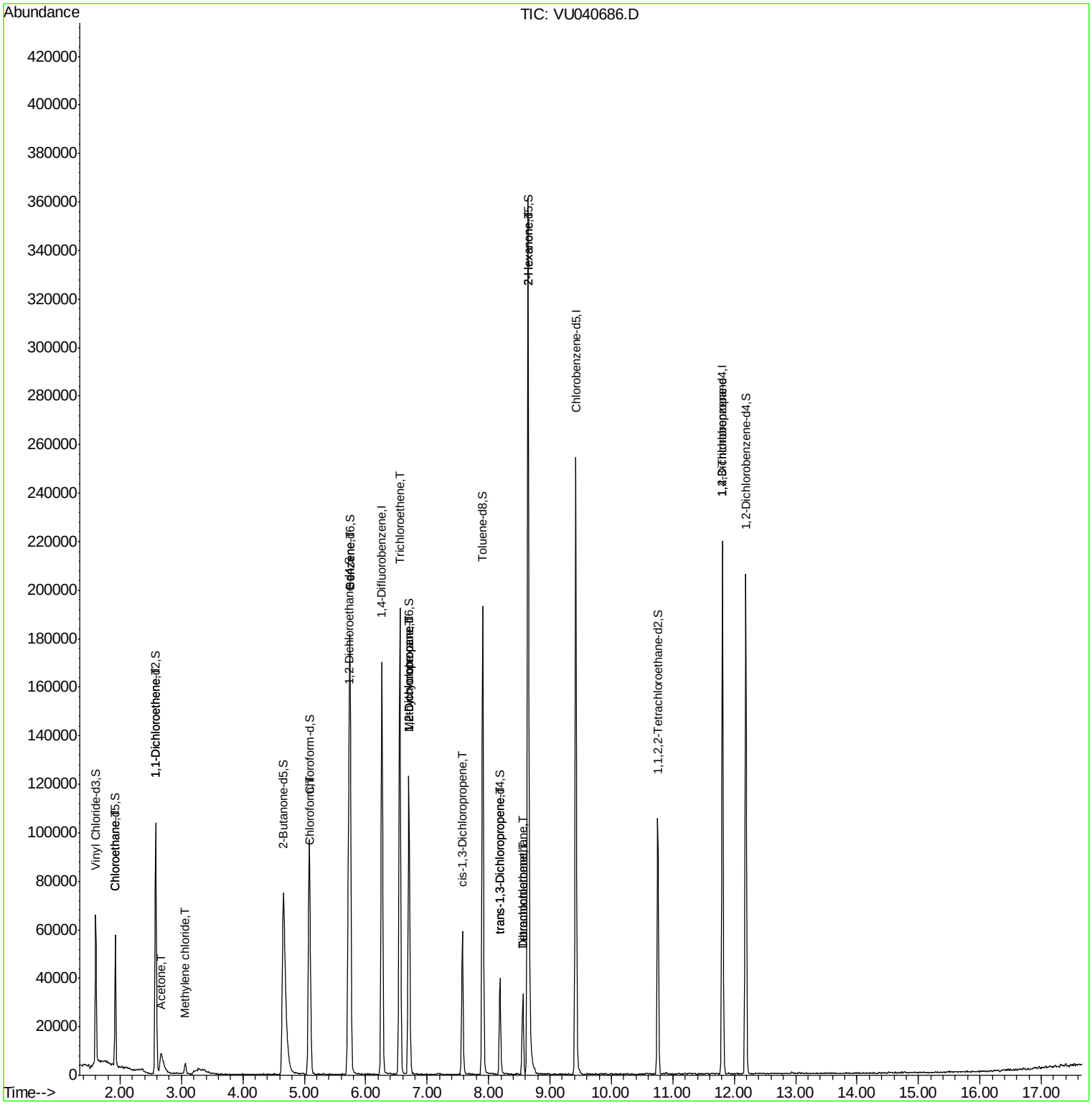
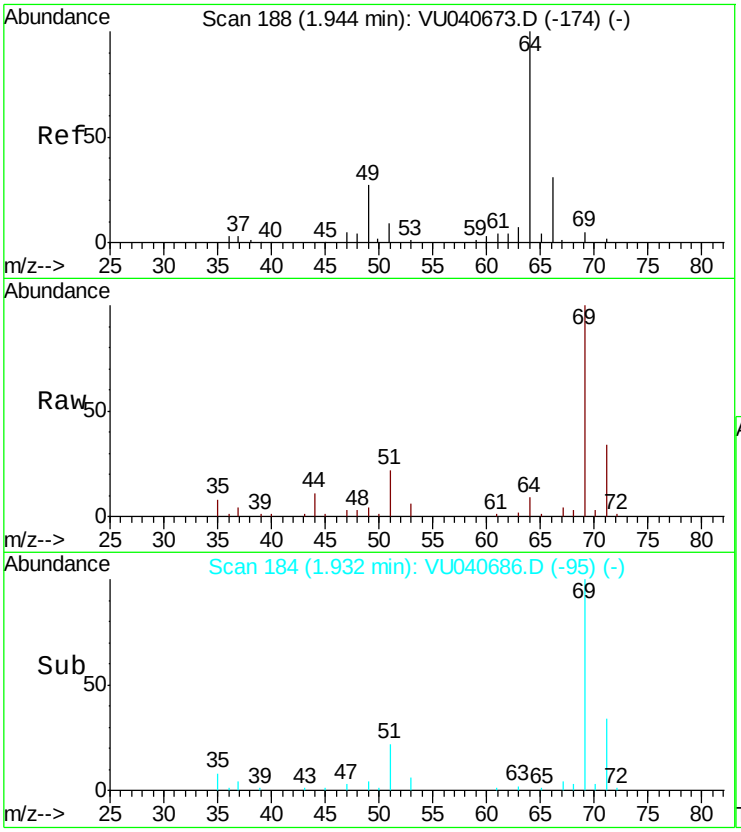


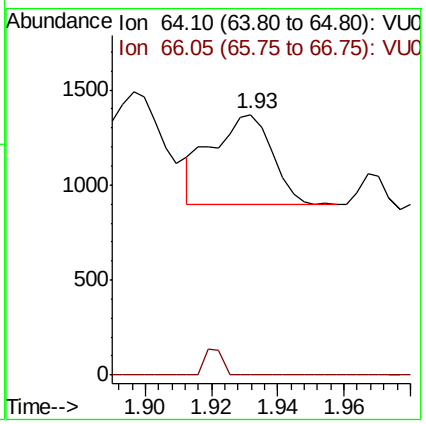


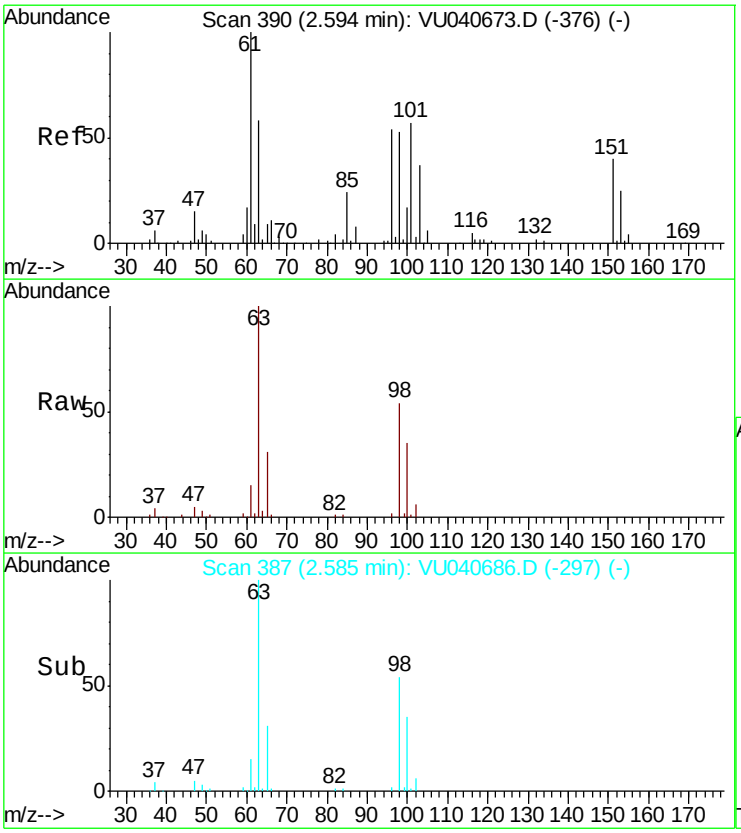
#8
Chloroethane
Concen: 0.083 ug/L
RT: 1.93 min Scan# 184
Delta R.T. -0.01 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Instrument :
MSVOA_U
ClientSampleId :
YAQZ2DL

Tgt Ion: 64 Resp: 600

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.3	43.3#

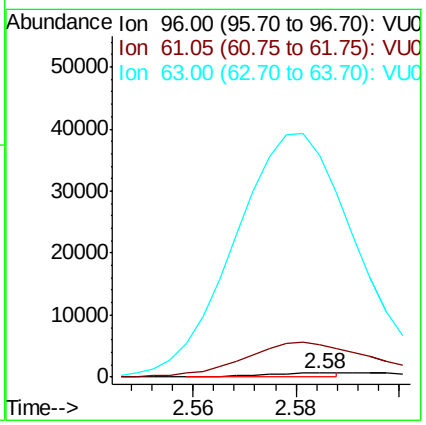


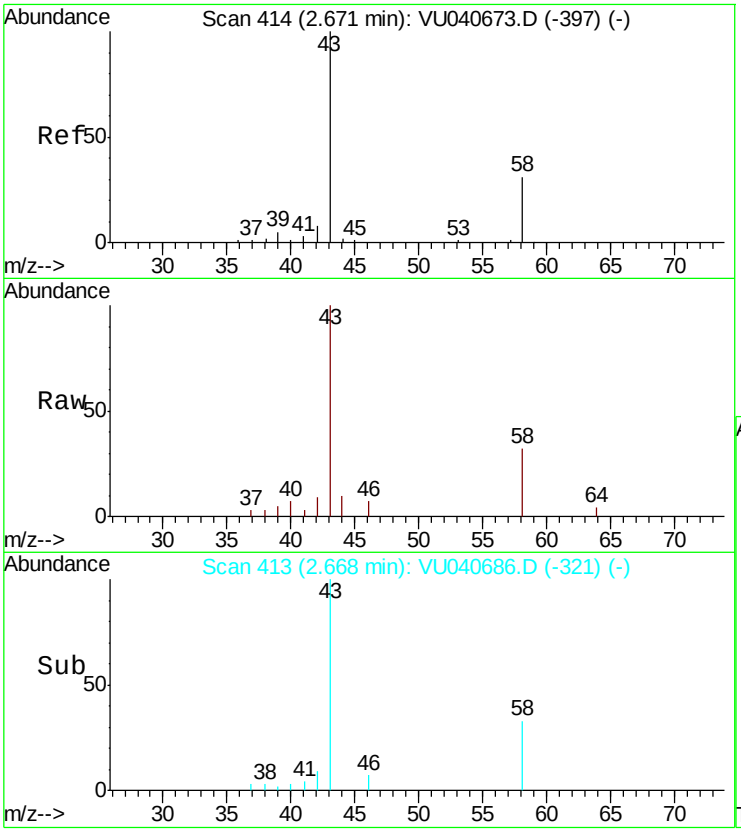


#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Tgt Ion: 96 Resp: 665

Ion	Ratio	Lower	Upper
96	100		
61	782.5	128.8	239.2#
63	5392.8	84.6	157.2#



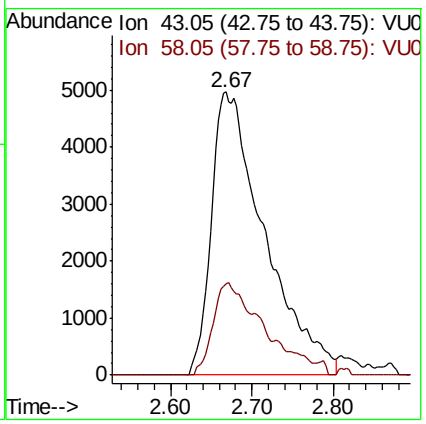


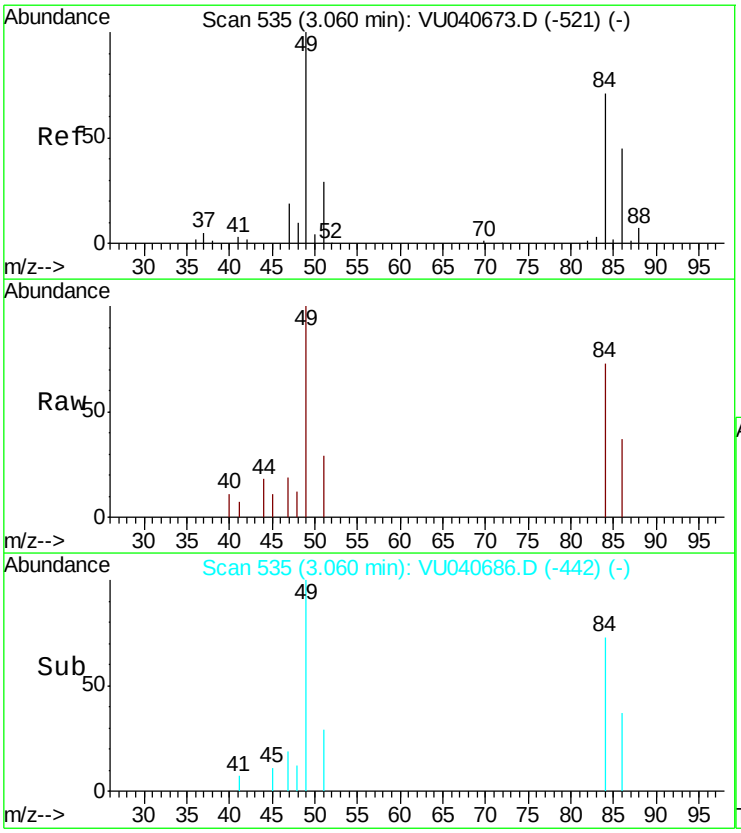
#13
Acetone
Concen: 8.632 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.00 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Instrument :
MSVOA_U
ClientSampleId :
YAQZ2DL

Tgt Ion: 43 Resp: 22592

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	60.6

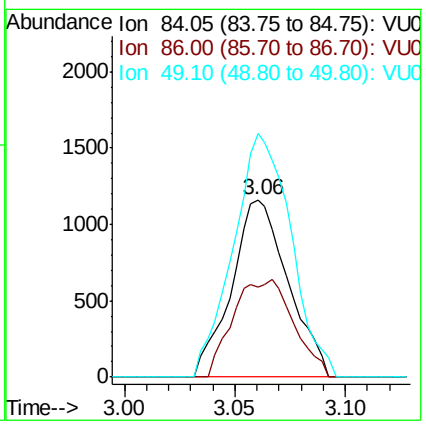


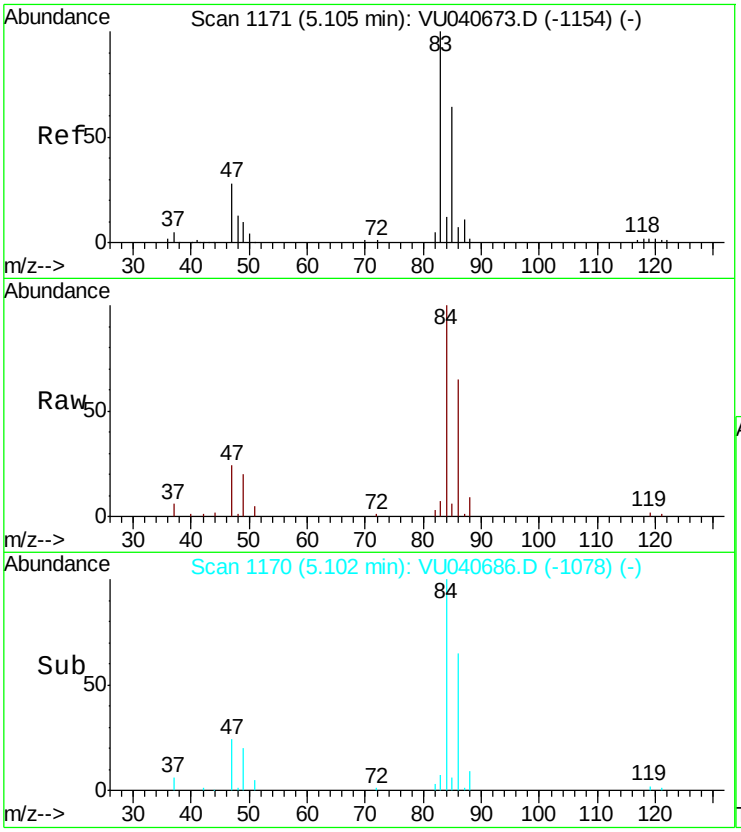


#16
Methylene chloride
Concen: 0.177 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Tgt Ion: 84 Resp: 2062

Ion	Ratio	Lower	Upper
84	100		
86	50.9	45.4	84.4
49	137.5	99.8	185.3



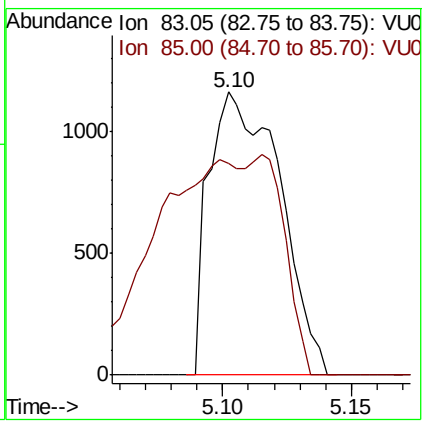


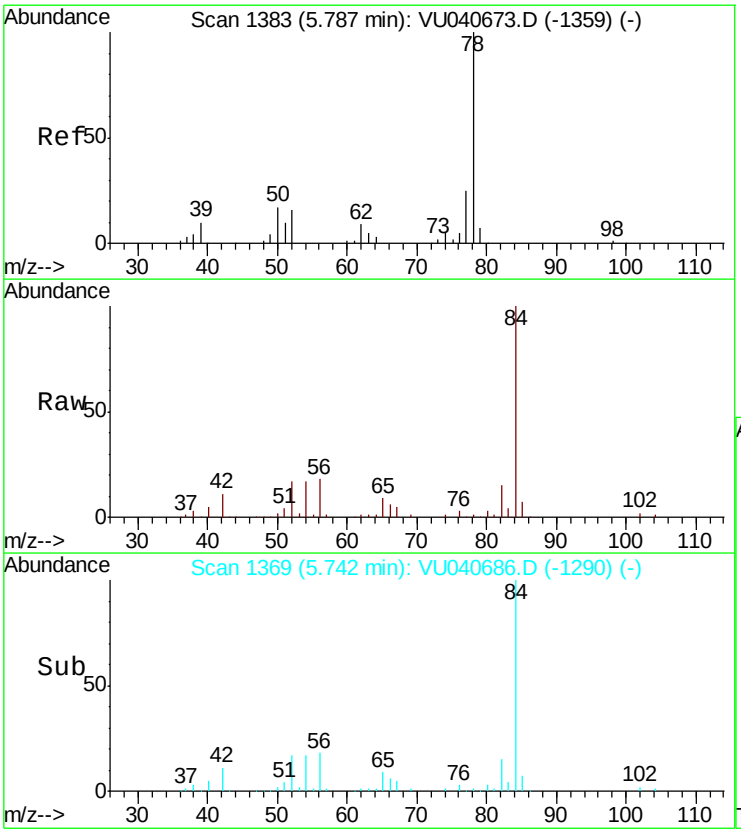
#25
Chloroform
Concen: 0.111 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Instrument :
MSVOA_U
ClientSampleId :
YAQZ2DL

Tgt Ion: 83 Resp: 2233

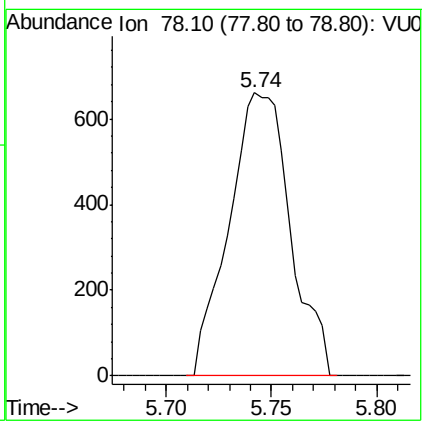
Ion	Ratio	Lower	Upper
83	100		
85	74.6	46.5	86.5

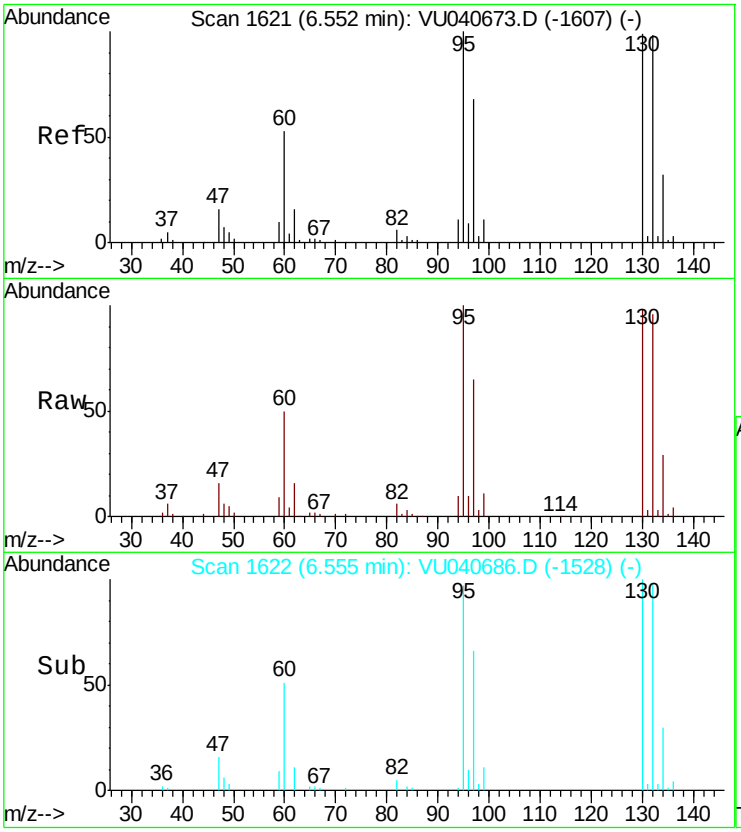




#33
Benzene
Concen: 0.032 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.04 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Tgt Ion: 78 Resp: 1340



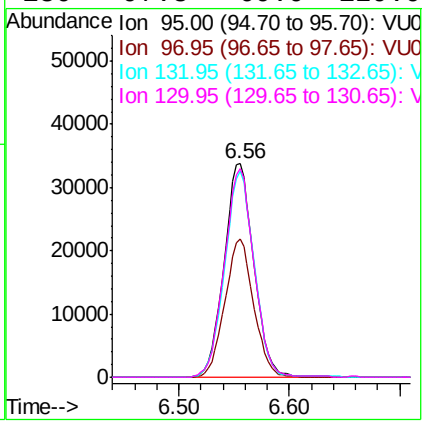


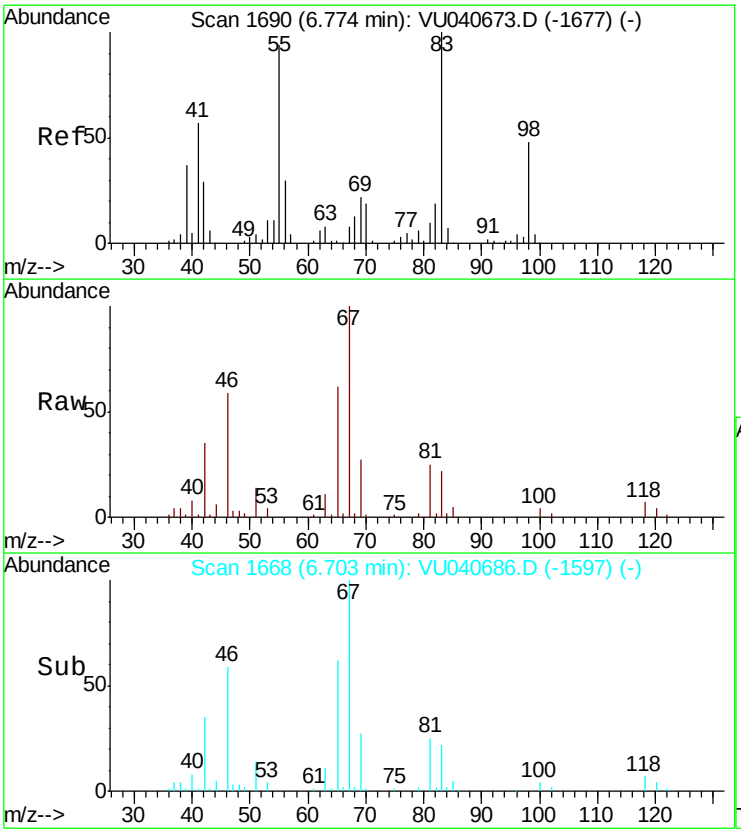
#34
Trichloroethene
Concen: 5.763 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Instrument :
MSVOA_U
ClientSampleId :
YAQZ2DL

Tgt Ion: 95 Resp: 63164

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.5	84.5
132	96.3	67.5	125.4
130	97.8	69.9	129.9

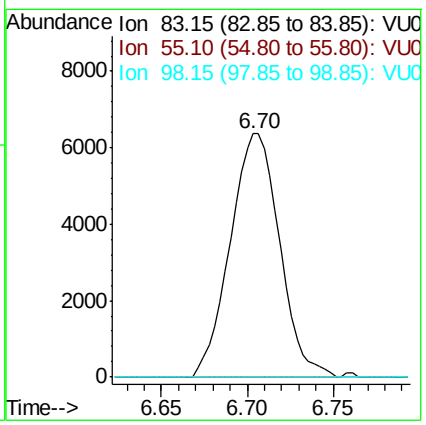


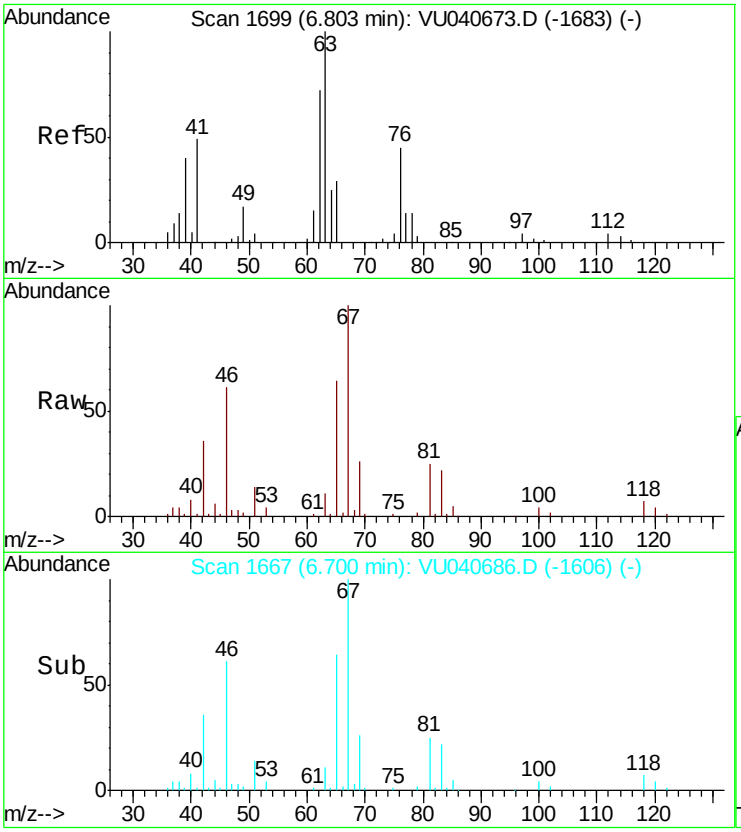


#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Tgt Ion: 83 Resp: 12677

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



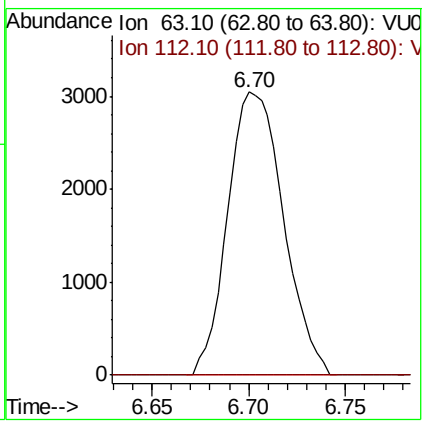


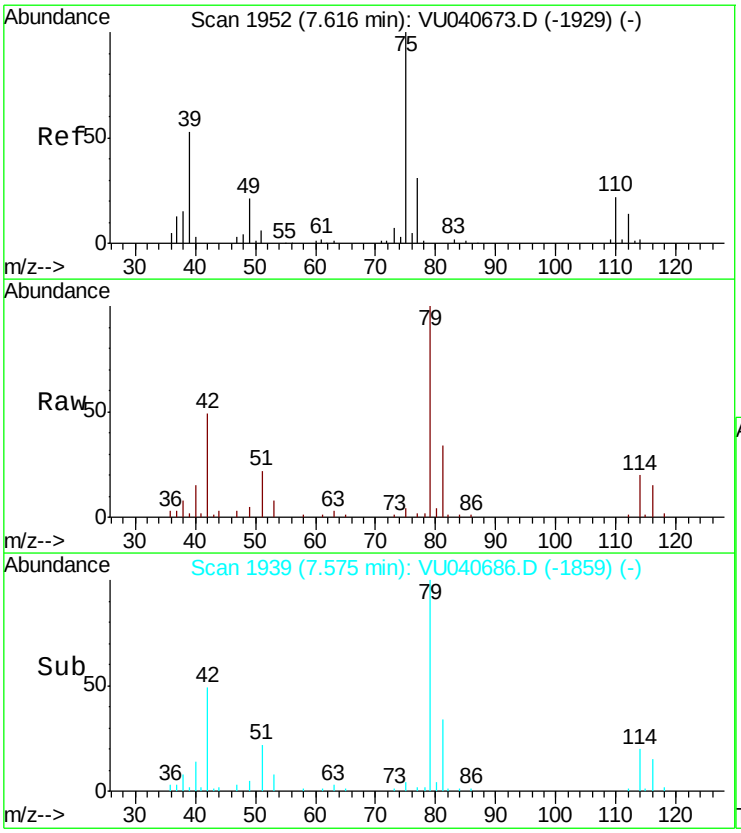
#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Instrument : MSVOA_U
ClientSampleId : YAQZ2DL

Tgt Ion: 63 Resp: 6095

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

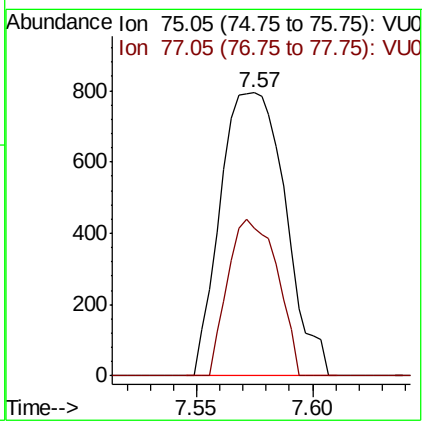


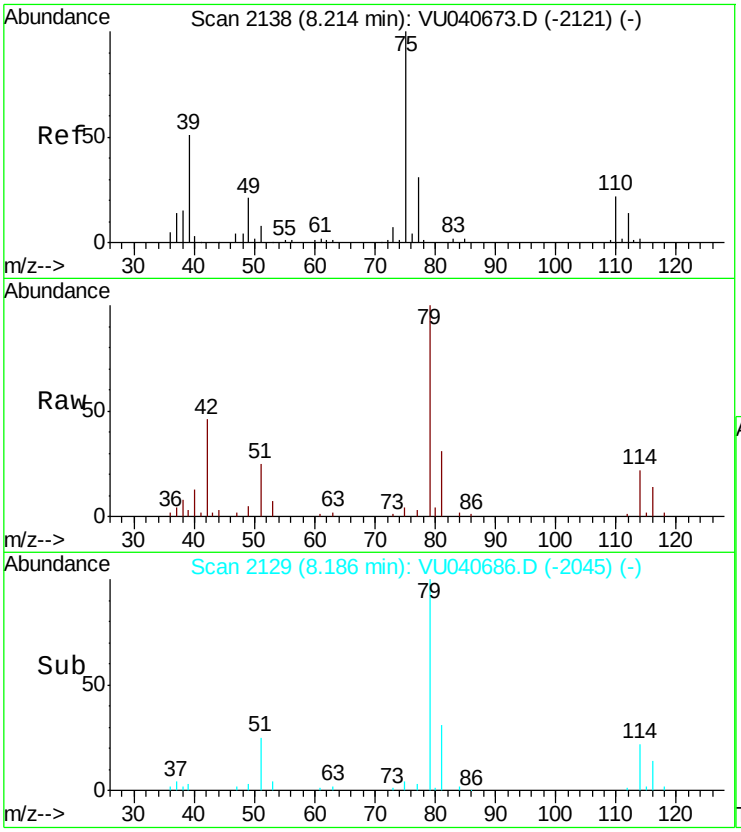


#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Tgt Ion: 75 Resp: 1550

Ion	Ratio	Lower	Upper
75	100		
77	52.4	20.5	38.1#



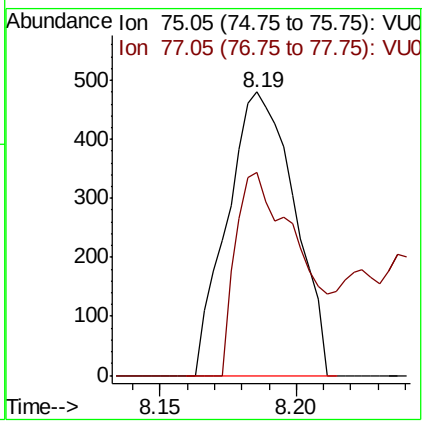


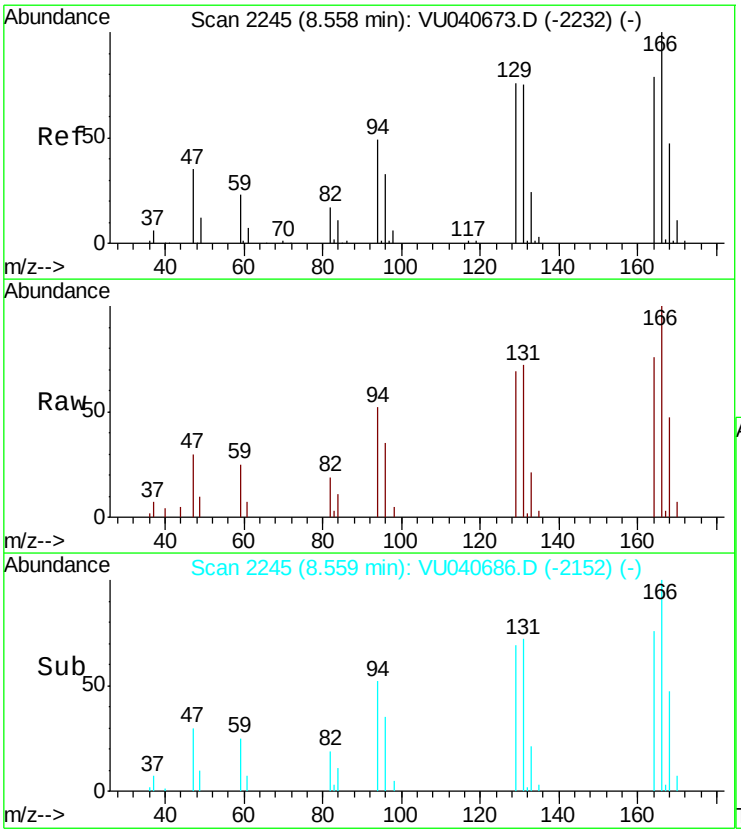
#44
trans-1,3-Dichloropropene
Concen: 0.055 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Instrument : MSVOA_U
ClientSampleId : YAQZ2DL

Tgt Ion: 75 Resp: 819

Ion	Ratio	Lower	Upper
75	100		
77	71.5	20.4	38.0#

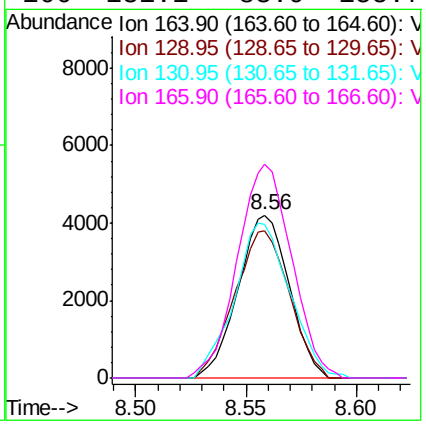


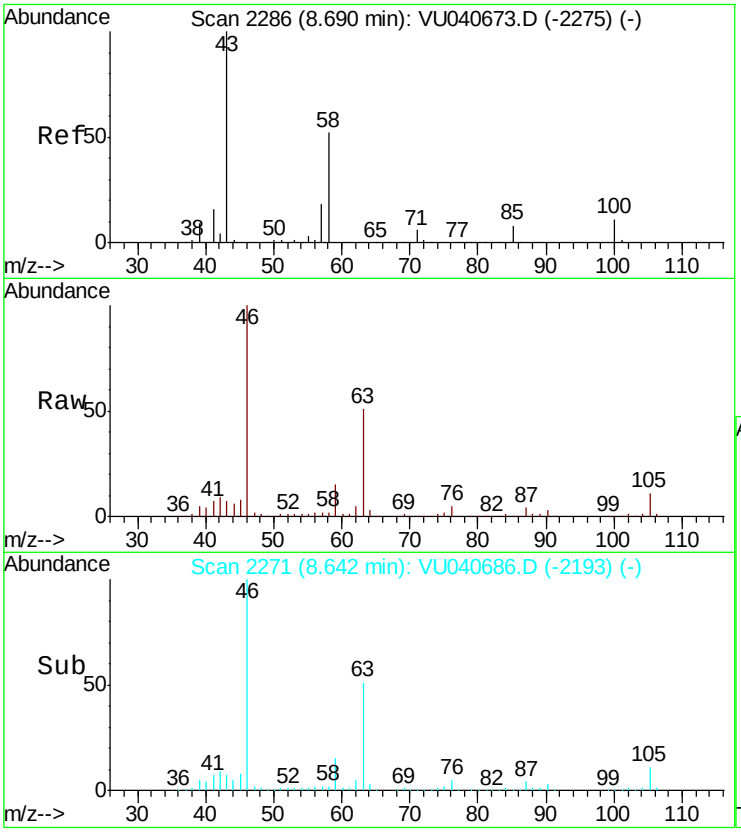


#47
Tetrachloroethene
Concen: 0.862 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Tgt Ion:164 Resp: 6743

Ion	Ratio	Lower	Upper
164	100		
129	90.3	68.8	127.8
131	94.2	66.7	123.9
166	131.1	83.9	155.7



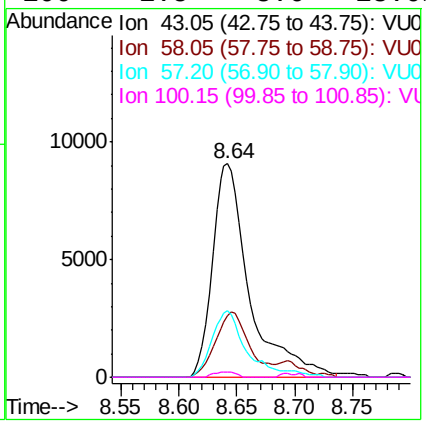


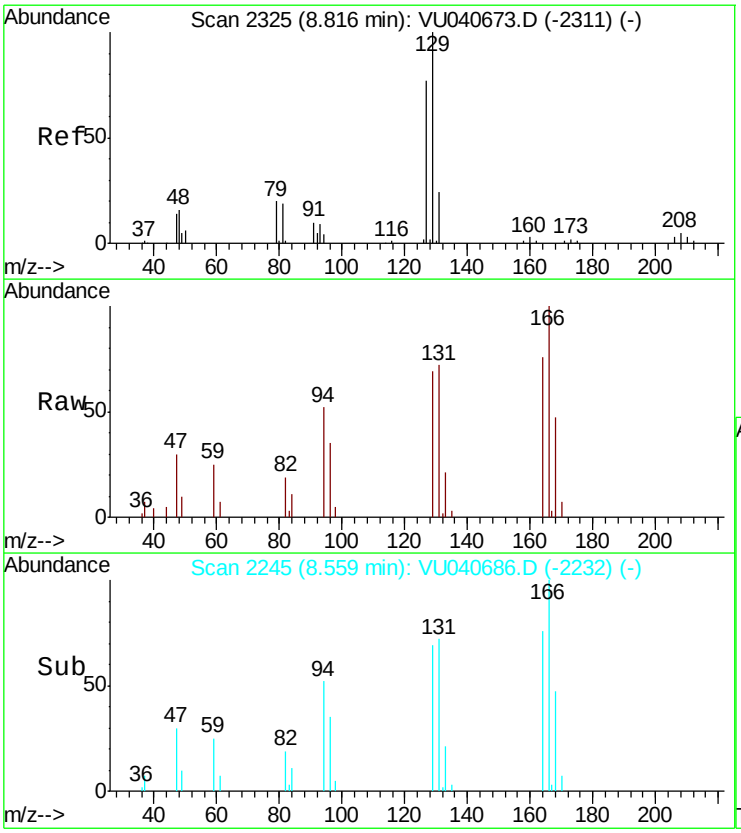
#48
2-Hexanone
Concen: 2.885 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Instrument : MSVOA_U
ClientSampleId : YAQZ2DL

Tgt Ion: 43 Resp: 20174

Ion	Ratio	Lower	Upper
43	100		
58	28.2	41.0	61.6#
57	28.5	14.4	21.6#
100	1.5	8.6	13.0#

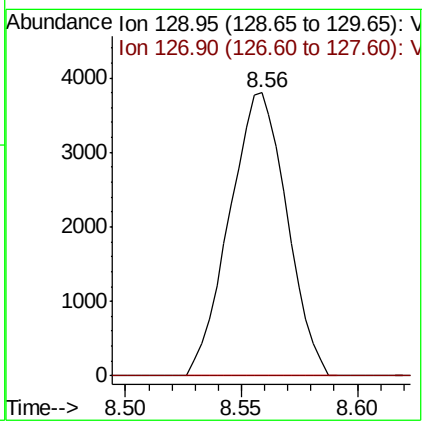


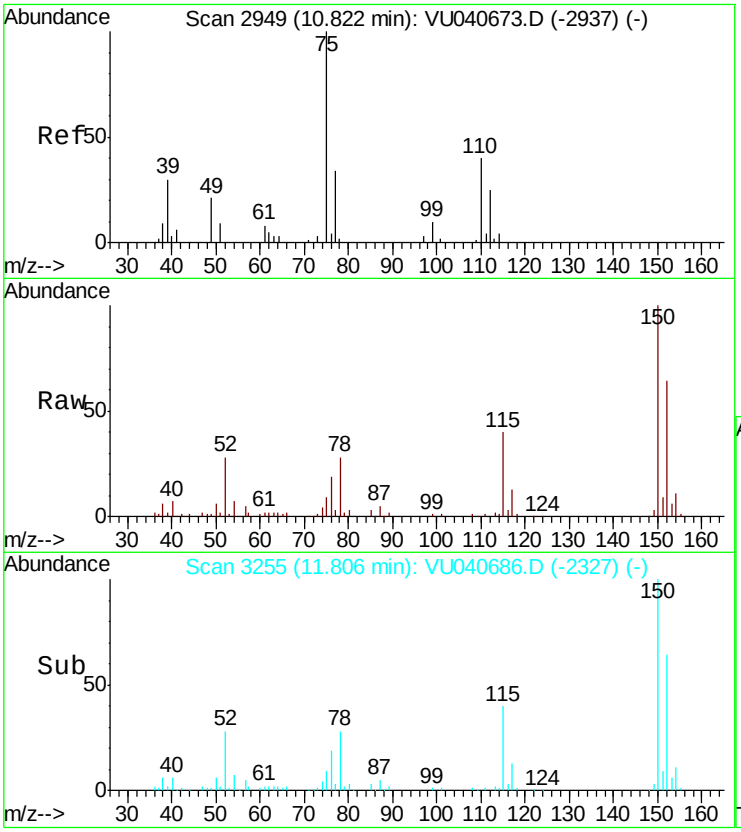


#49
Dibromochloromethane
Concen: 0.643 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Tgt Ion:129 Resp: 6532

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# 3255
Delta R.T. 0.98 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Instrument :
MSVOA_U
ClientSampleId :
YAQZ2DL

Tgt Ion: 75 Resp: 7443

Ion	Ratio	Lower	Upper
75	100		
77	36.4	26.4	39.6