Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101520\
Data File : VU040727.D
Acq On : 15 Oct 2020 17:51
Operator : SY/MD
Sample : L4421-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSJ7

Quant Time: Oct 16 04:33:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 04:23:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	107253	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113872	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47712	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	39067	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.92	69	35335	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.20%			
11) 1,1-Dichloroethene-d2	2.58	63	61323	3.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%			
20) 2-Butanone-d5	4.66	46	159164	55.97	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.94%			
24) Chloroform-d	5.08	84	84608	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.60%			
26) 1,2-Dichloroethane-d4	5.72	65	52479	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.40%			
32) Benzene-d6	5.75	84	151284	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.70	67	51390	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.91	98	119036	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
43) trans-1,3-Dichloropropene-	8.19	79	19874	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.64	63	110742	49.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.50%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48292	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51207	5.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.80%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	14024	1.543	ug/L	95
8) Chloroethane	1.94	64	870	0.143	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	454	0.051	ug/L #	20
13) Acetone	2.67	43	13015	5.904	ug/L	92
25) Chloroform	5.10	83	1593	0.094	ug/L	99
27) 1,2-Dichloroethane	5.74	62	450	0.038	ug/L #	77
33) Benzene	5.74	78	1289	0.035	ug/L	100
35) Methylcyclohexane	6.70	83	12227	0.909	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5855	0.574	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1320	0.095	ug/L #	58
44) trans-1,3-Dichloropropene	8.18	75	960	0.075	ug/L	96
47) Tetrachloroethene	8.56	164	2304	0.341	ug/L	92
48) 2-Hexanone	8.64	43	15610	2.580	ug/L #	71
49) Dibromochloromethane	8.56	129	2343	0.267	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	6358	0.849	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101520\
Data File : VU040727.D
Acq On : 15 Oct 2020 17:51
Operator : SY/MD
Sample : L4421-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSJ7

Quant Time: Oct 16 04:33:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 04:23:22 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\VU101520\
Data File : VU040727.D
Acq On : 15 Oct 2020 17:51
Operator : SY/MD
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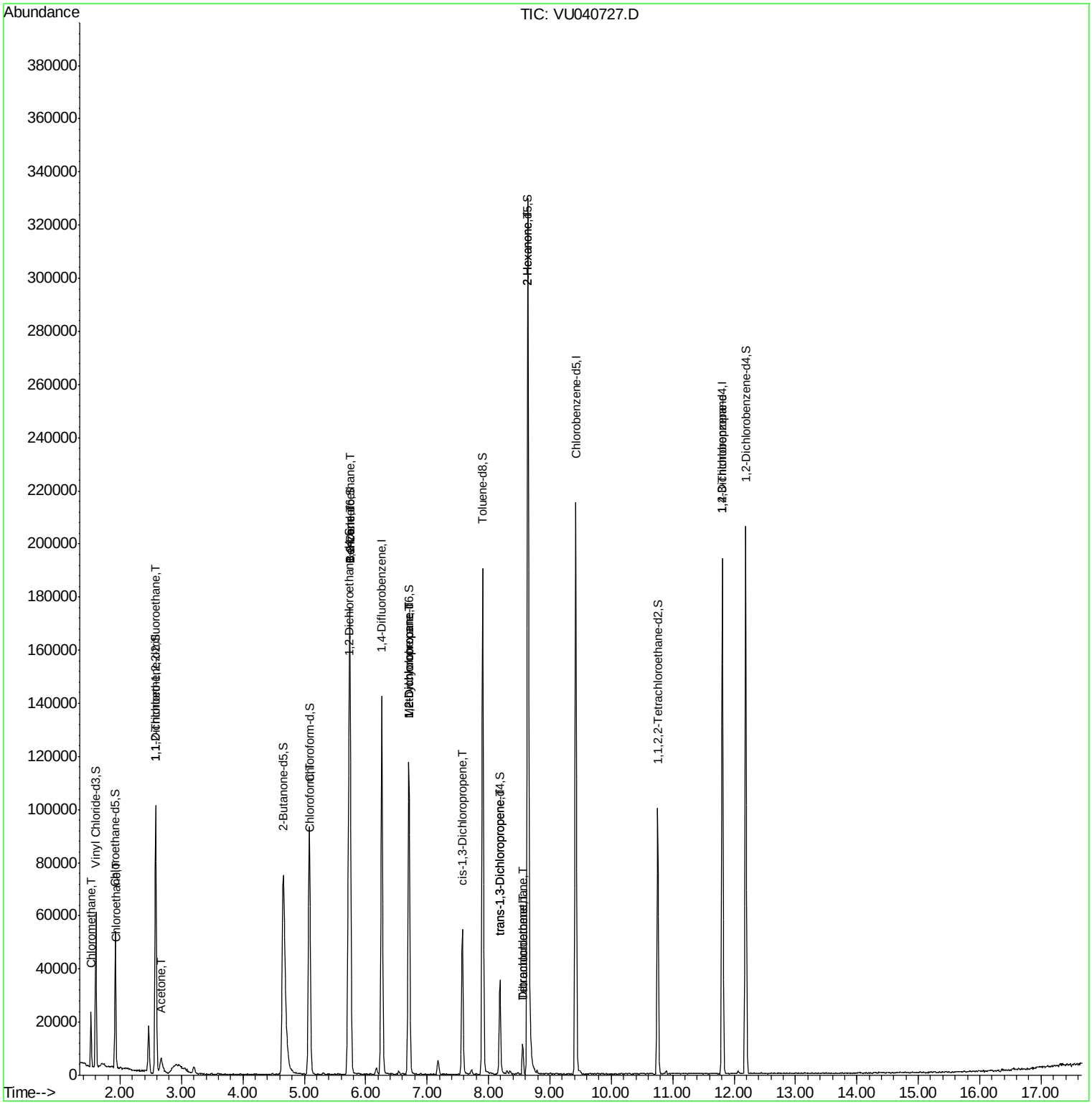
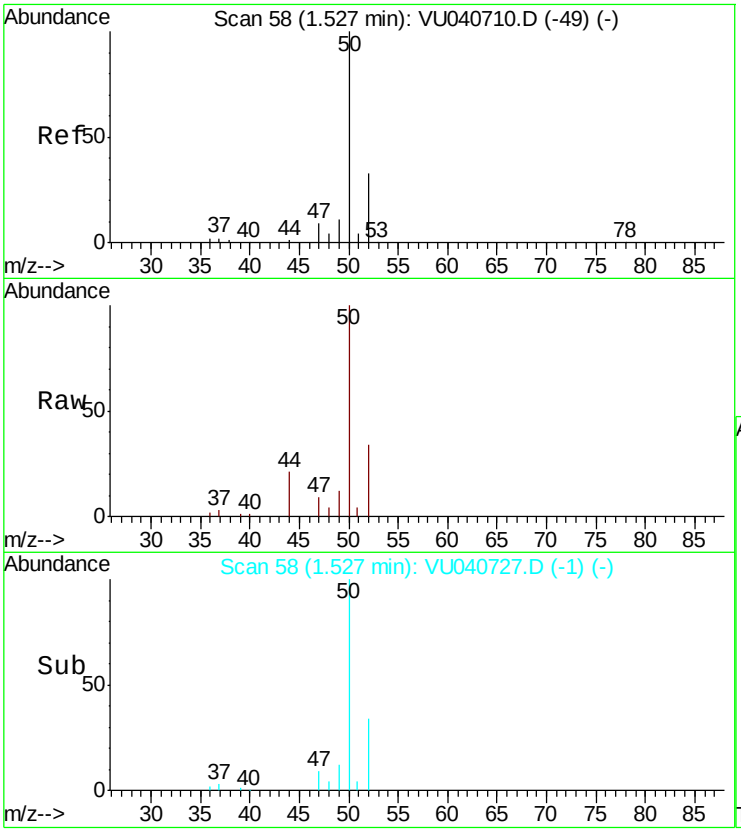
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 04:23:22 2020
Response via : Initial Calibration



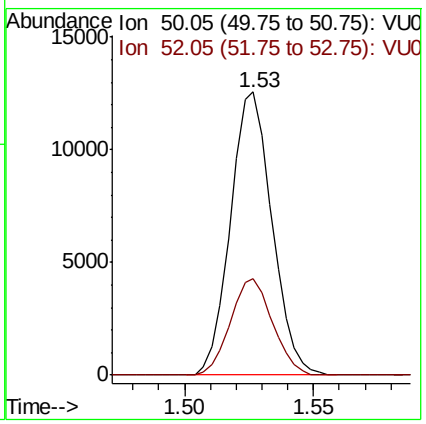


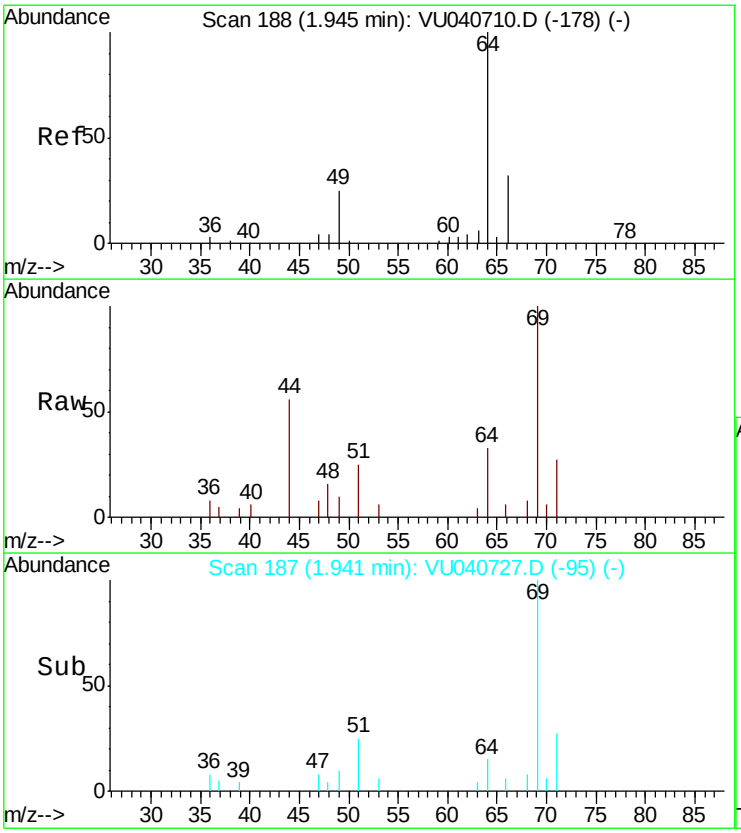
#3
Chloromethane
Concen: 1.543 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BFSJ7

Tgt Ion: 50 Resp: 14024

Ion	Ratio	Lower	Upper
50	100		
52	34.1	21.9	40.7

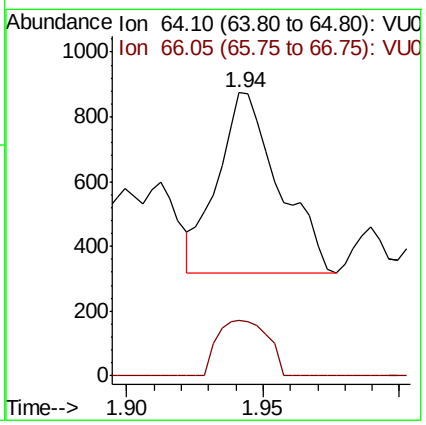


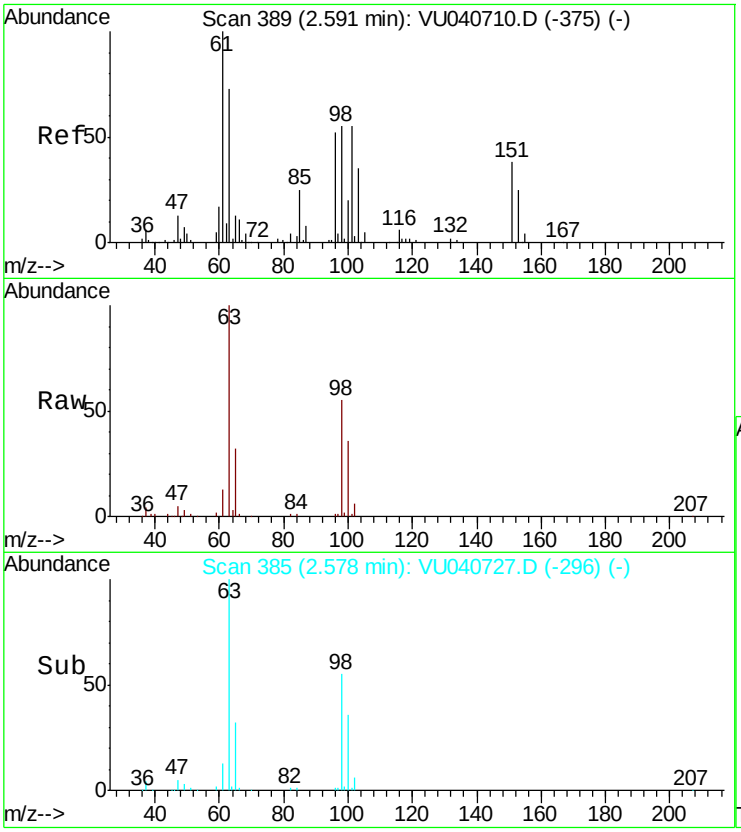


#8
Chloroethane
Concen: 0.143 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Tgt Ion: 64 Resp: 870

Ion	Ratio	Lower	Upper
64	100		
66	19.5	23.3	43.3#



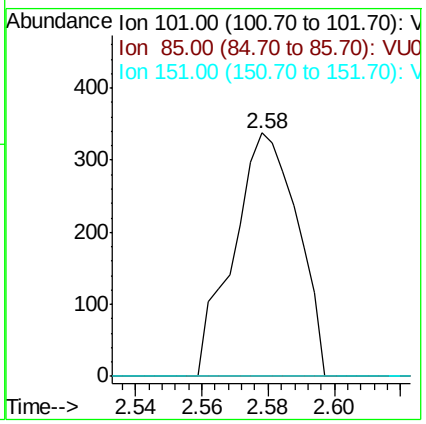


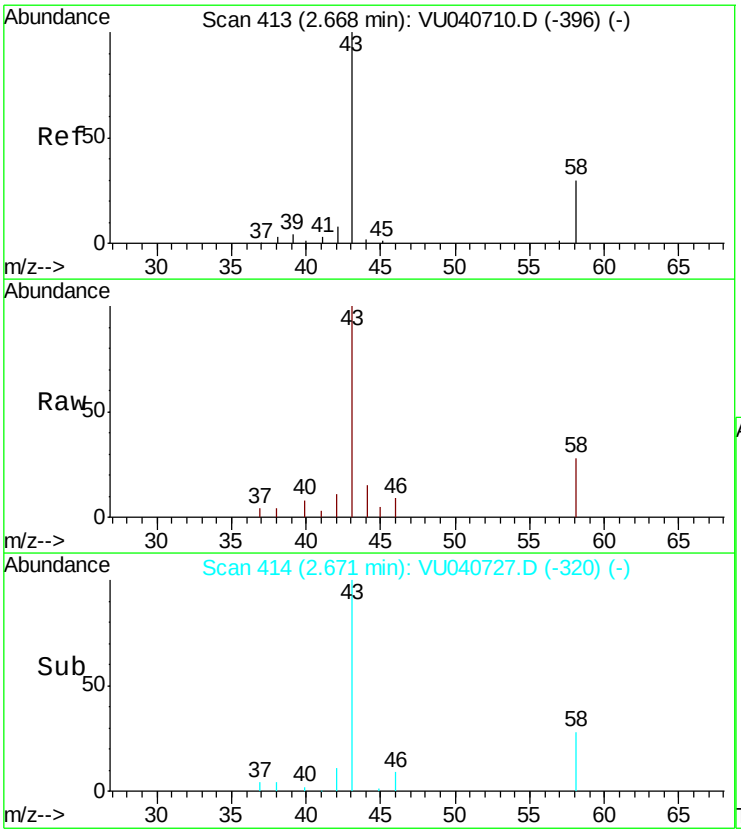
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Instrument : MSVOA_U
ClientSampleId : BFSJ7

Tgt Ion:101 Resp: 454

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

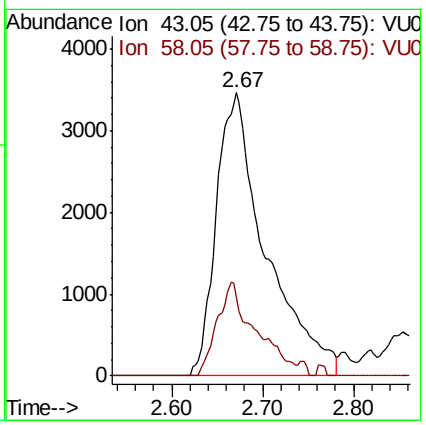


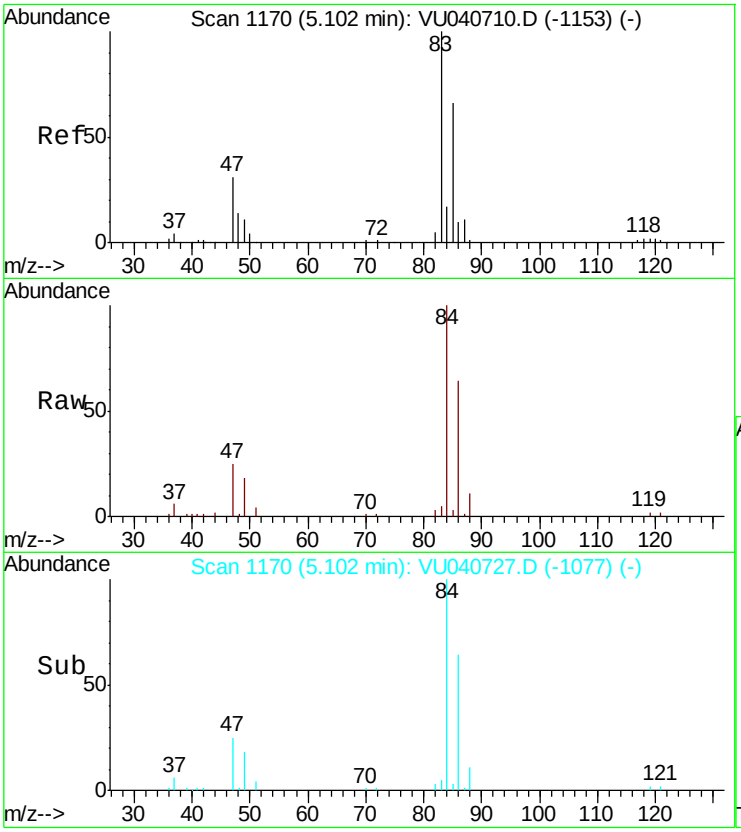


#13
Acetone
Concen: 5.904 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.00 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Tgt Ion: 43 Resp: 13015

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	60.6



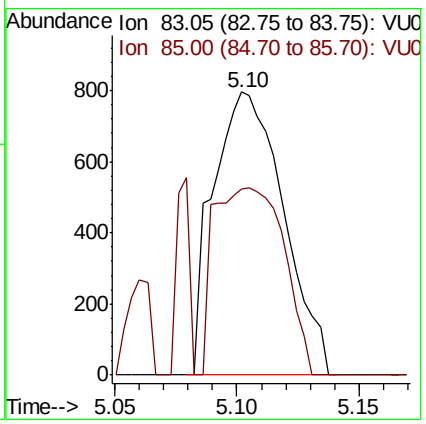


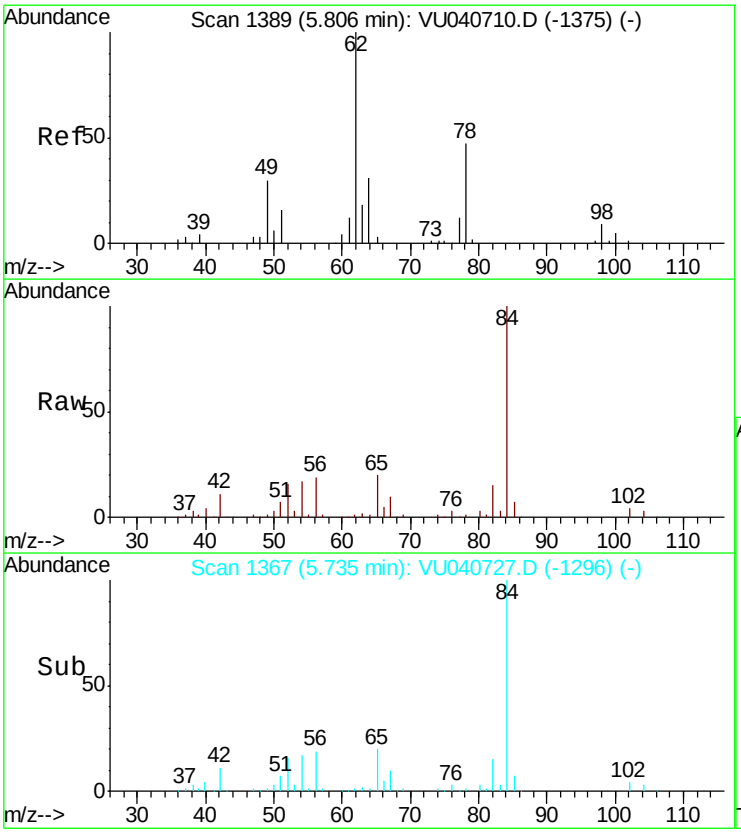
#25
Chloroform
Concen: 0.094 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BFSJ7

Tgt Ion: 83 Resp: 1593

Ion	Ratio	Lower	Upper
83	100		
85	66.0	46.5	86.5

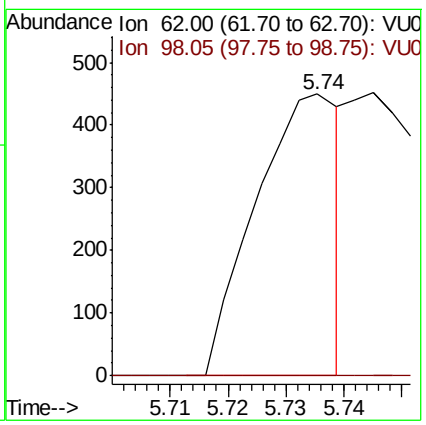


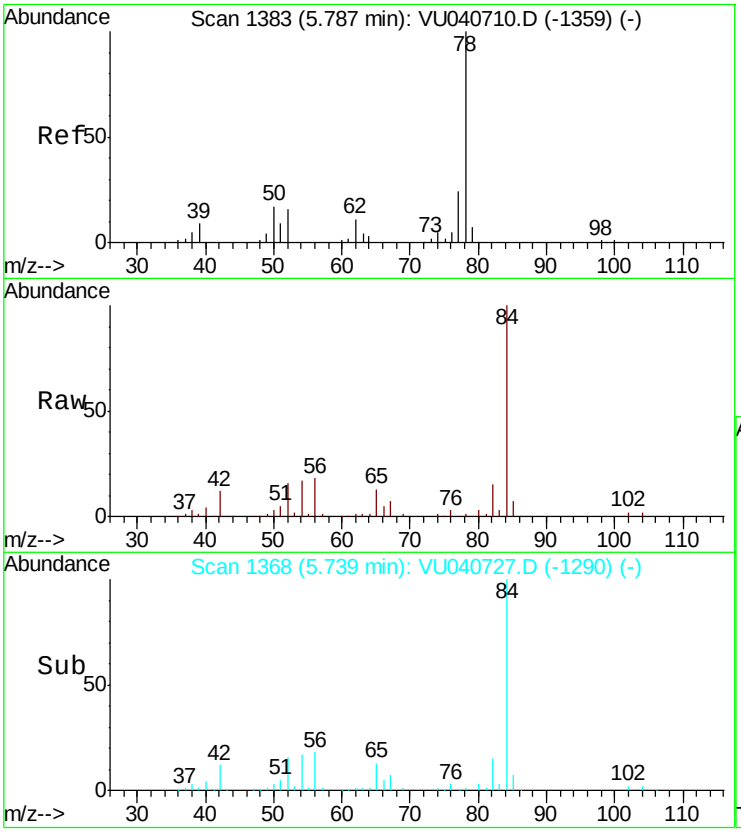


#27
1,2-Dichloroethane
Concen: 0.038 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Tgt Ion: 62 Resp: 450

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

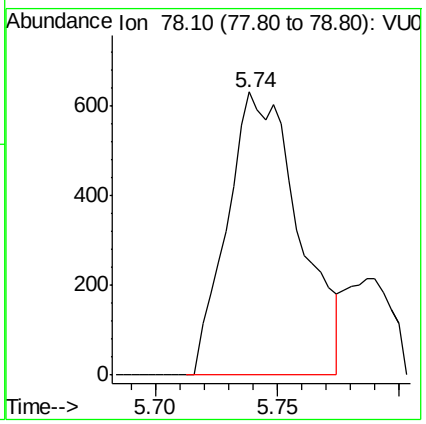


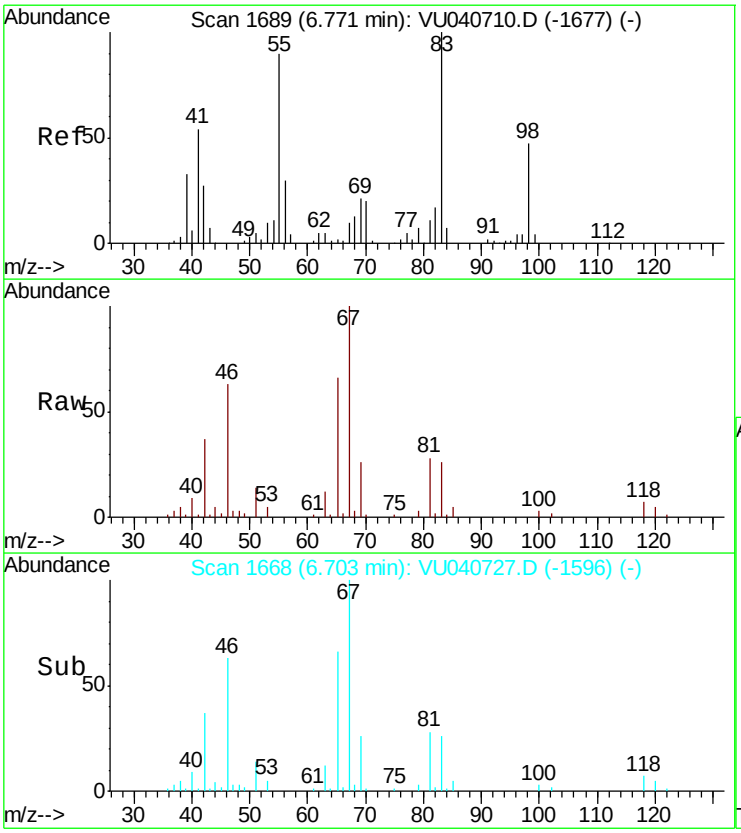


#33
Benzene
Concen: 0.035 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BFSJ7

Tgt Ion: 78 Resp: 1289

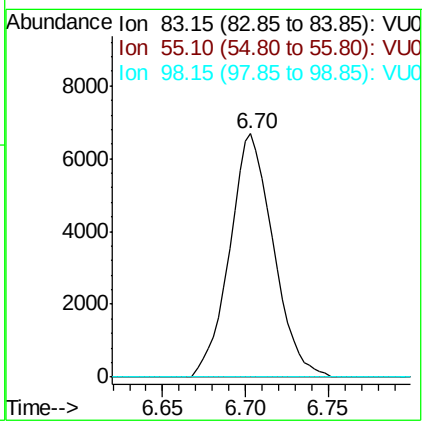


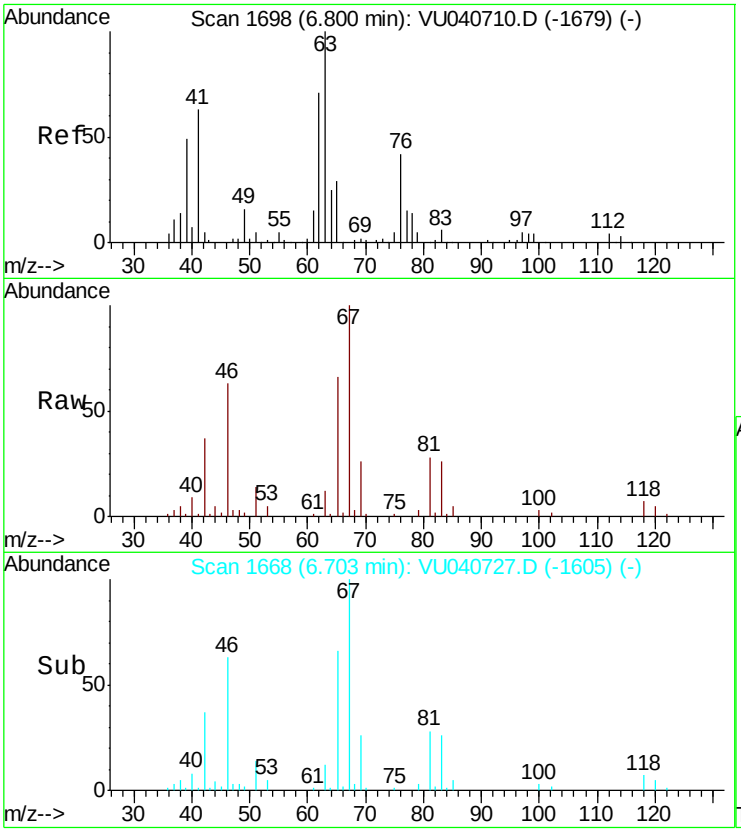


#35
Methylcyclohexane
Concen: 0.909 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Tgt Ion: 83 Resp: 12227

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	1.9	38.4	57.6#



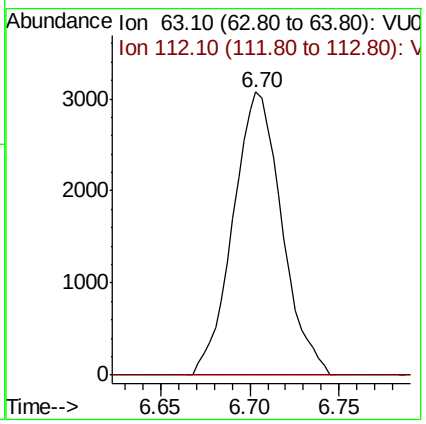


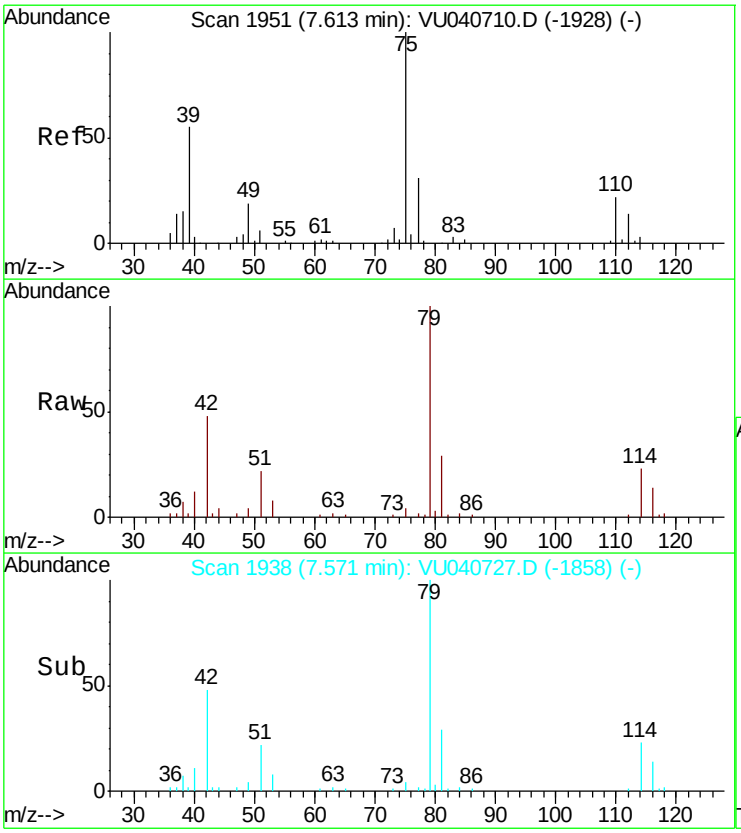
#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BFSJ7

Tgt Ion: 63 Resp: 5855

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

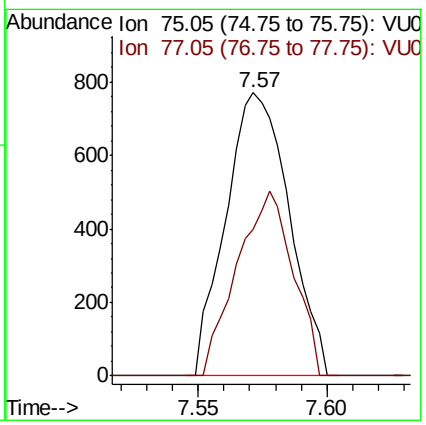


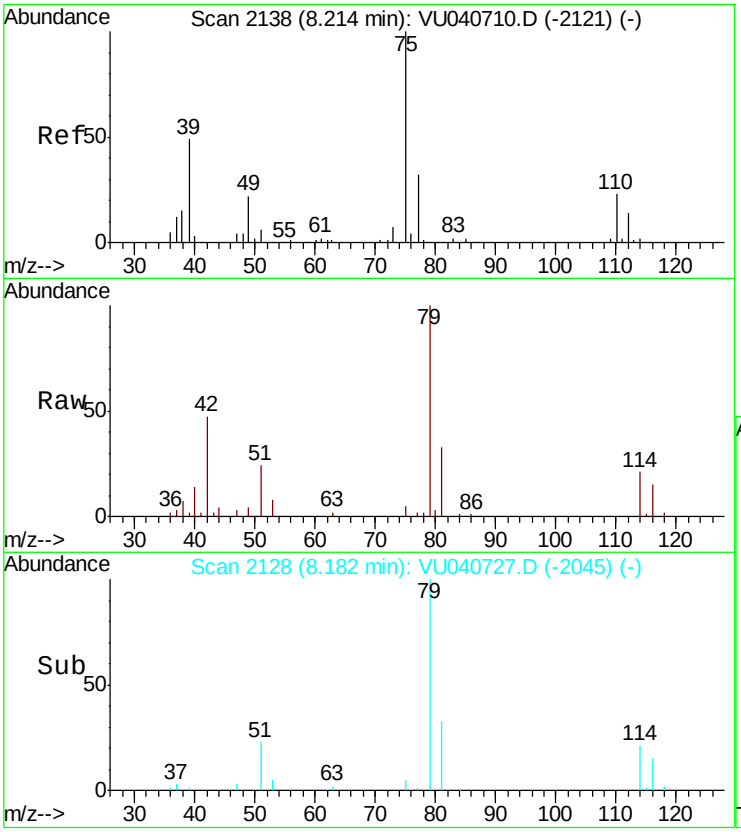


#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Tgt Ion: 75 Resp: 1320

Ion	Ratio	Lower	Upper
75	100		
77	51.7	20.5	38.1#



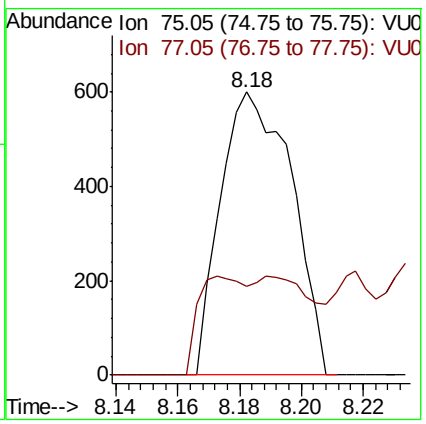


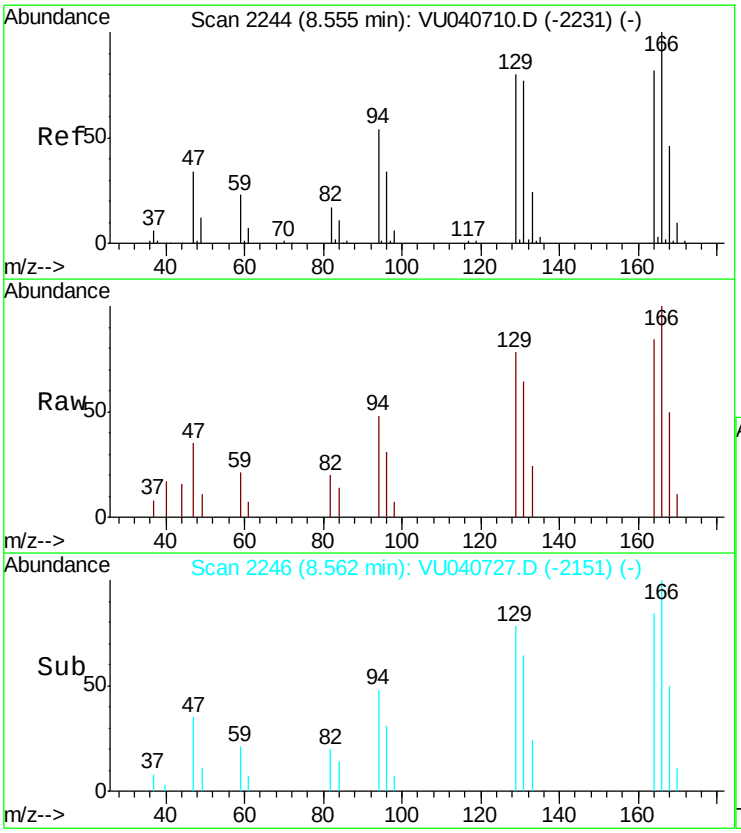
#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BFSJ7

Tgt Ion: 75 Resp: 960

Ion	Ratio	Lower	Upper
75	100		
77	31.5	20.4	38.0

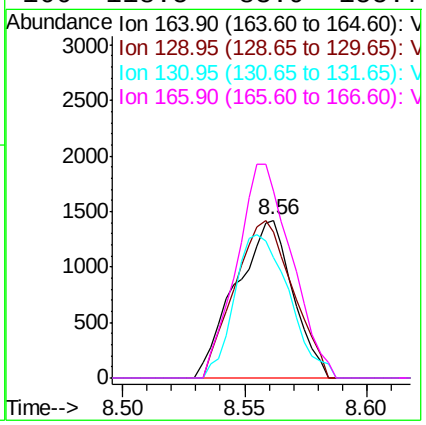


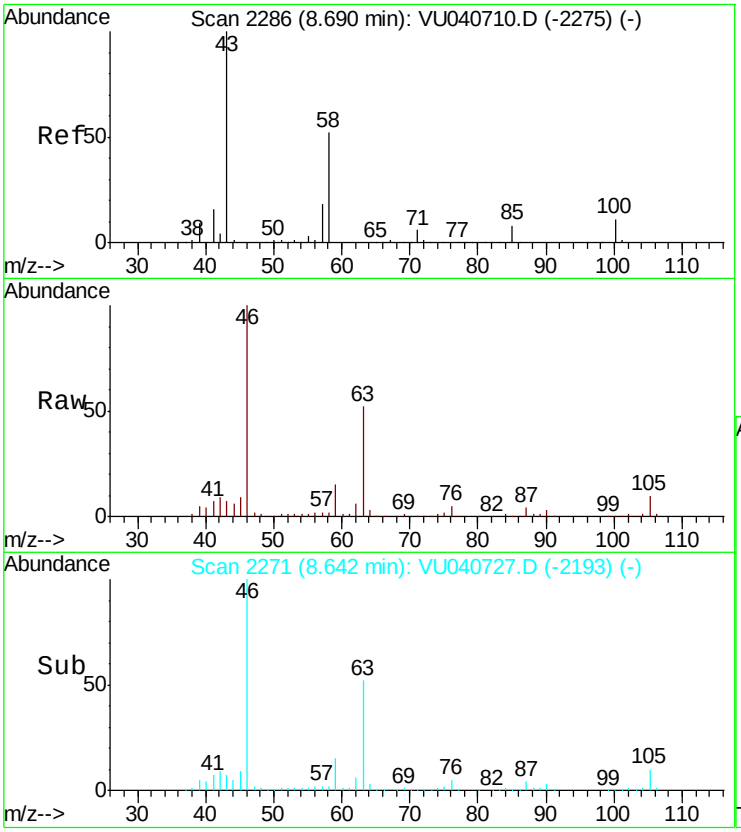


#47
Tetrachloroethene
Concen: 0.341 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Tgt Ion:164 Resp: 2304

Ion	Ratio	Lower	Upper
164	100		
129	92.5	68.8	127.8
131	76.1	66.7	123.9
166	118.5	83.9	155.7



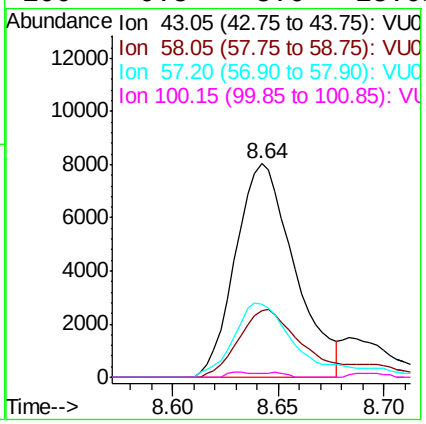


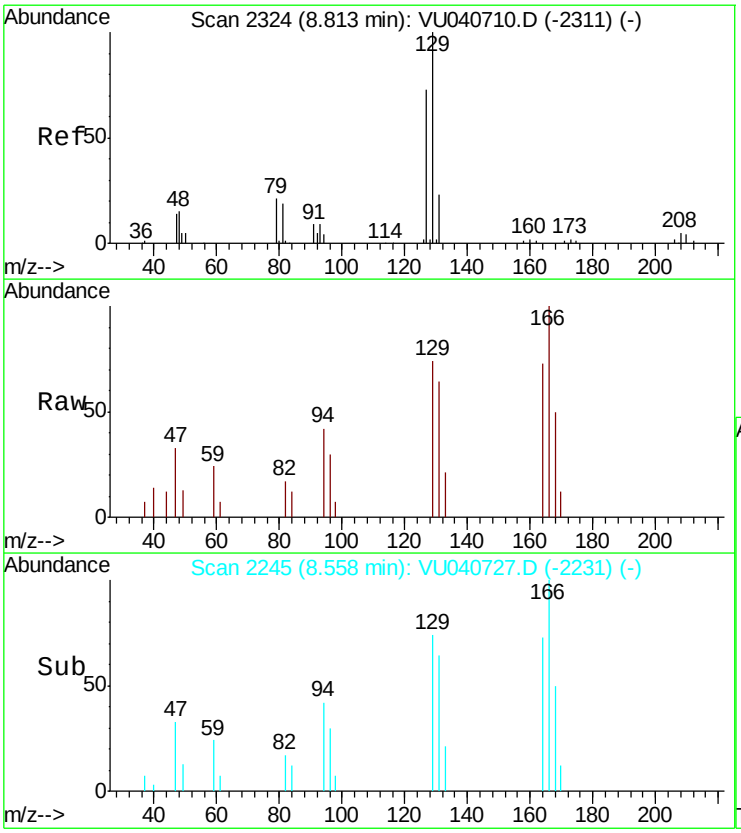
#48
2-Hexanone
Concen: 2.580 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Instrument : MSVOA_U
ClientSampleId : BFSJ7

Tgt Ion: 43 Resp: 15610

Ion	Ratio	Lower	Upper
43	100		
58	33.8	41.0	61.6#
57	36.0	14.4	21.6#
100	0.8	8.6	13.0#

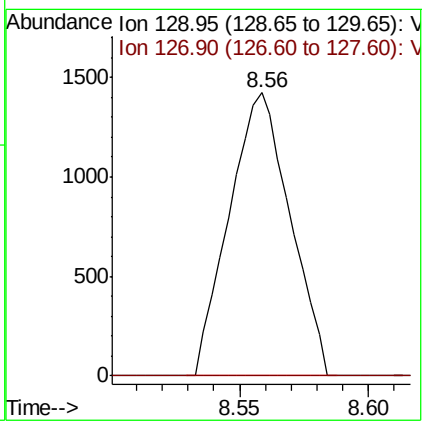


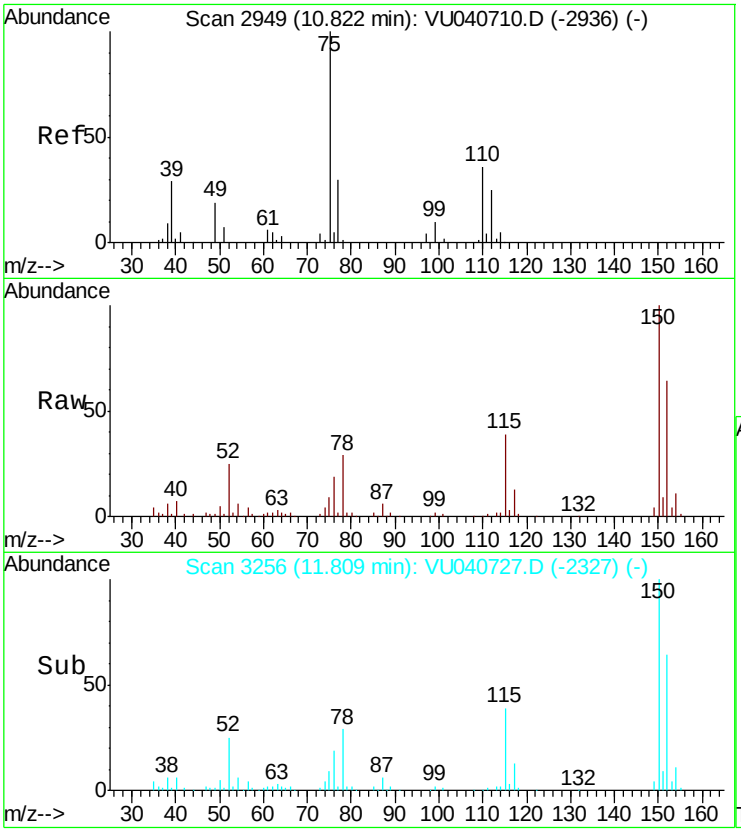


#49
Dibromochloromethane
Concen: 0.267 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Tgt Ion:129 Resp: 2343

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#





#59
1,2,3-Trichloropropane
Concen: 0.849 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040727.D
Acq: 15 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BFSJ7

Tgt Ion: 75 Resp: 6358

Ion	Ratio	Lower	Upper
75	100		
77	35.0	26.4	39.6