Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041620.D
Acq On : 14 Dec 2020 19:01
Operator : SY/MD
Sample : L5027-18MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:50:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120372	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52930	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29937	3.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.60%			
7) Chloroethane-d5	1.92	69	30744	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.58	63	75143	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.80%			
20) 2-Butanone-d5	4.66	46	150888	55.82	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.64%			
24) Chloroform-d	5.08	84	80730	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.72	65	46934	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.74	84	155520	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.70	67	51450	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.90	98	138556	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	8.19	79	21068	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.64	63	123271	47.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.52%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49379	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51370	5.46	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	484	0.049	ug/L	92
8) Chloroethane	1.95	64	411	0.055	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	569	0.069	ug/L #	22
12) 1,1-Dichloroethene	2.59	96	43183	5.288	ug/L	96
13) Acetone	2.66	43	1267	0.737	ug/L	66
21) 2-Butanone	4.74	43	3506	1.252	ug/L	90
27) 1,2-Dichloroethane	5.79	62	1795	0.167	ug/L #	73
33) Benzene	5.79	78	190348	5.035	ug/L	100
34) Trichloroethene	6.55	95	46164	4.860	ug/L	96
35) Methylcyclohexane	6.70	83	12021	0.783	ug/L #	25
37) 1,2-Dichloropropane	6.70	63	5396	0.558	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1111	0.078	ug/L #	68
42) Toluene	7.98	91	197580	5.063	ug/L	100
44) trans-1,3-Dichloropropene	8.19	75	960	0.075	ug/L #	76
47) Tetrachloroethene	8.56	164	5039	0.758	ug/L	94
48) 2-Hexanone	8.64	43	12869	2.570	ug/L #	64
49) Dibromochloromethane	8.56	129	4696	0.572	ug/L #	10

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041620.D
Acq On : 14 Dec 2020 19:01
Operator : SY/MD
Sample : L5027-18MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:50:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) Chlorobenzene	9.45	112	123894	5.107 ug/L	97
59) 1,2,3-Trichloropropane	11.81	75	6043	0.832 ug/L #	42

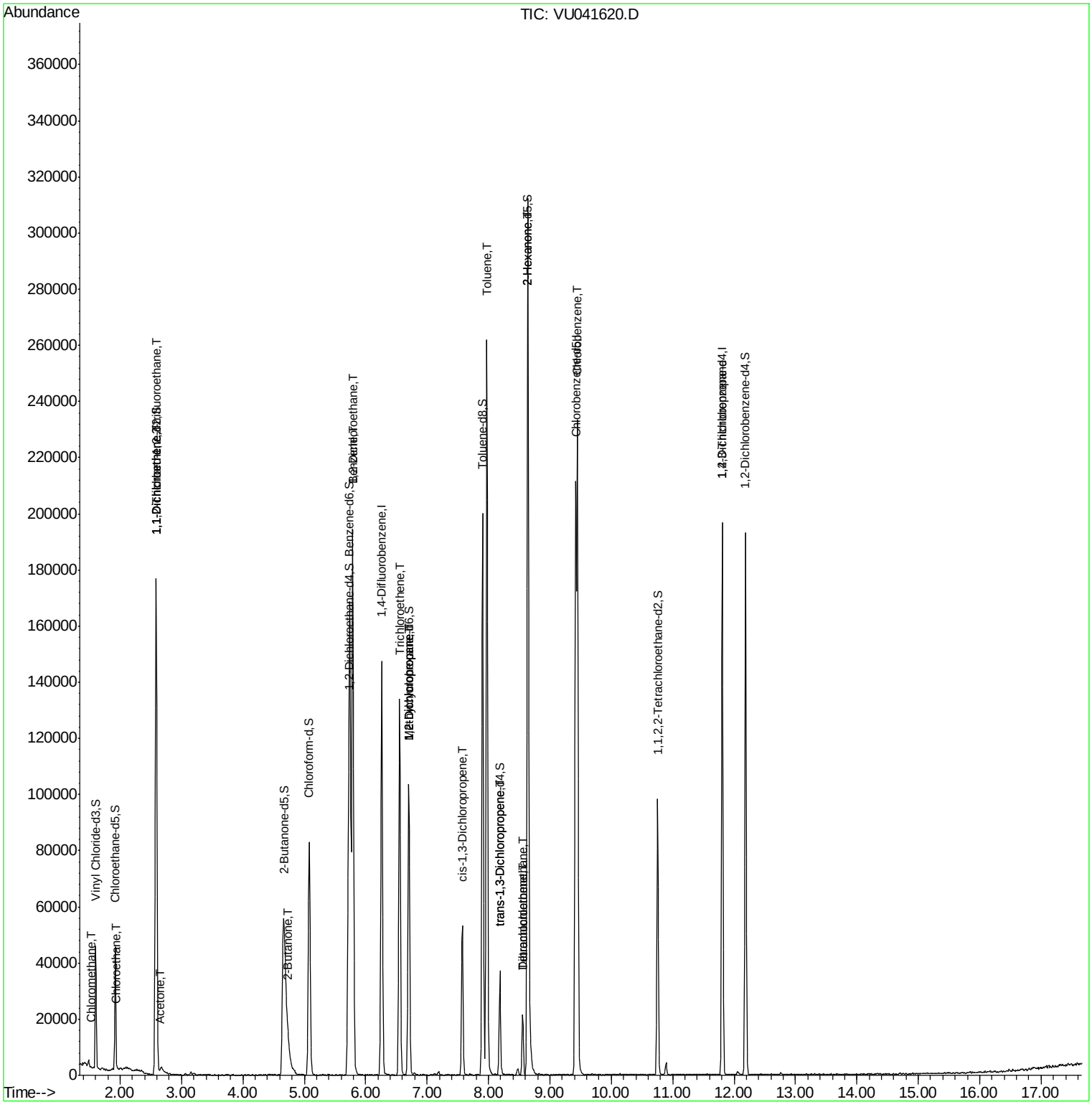
(#) = qualifier out of range (m) = manual integration (+) = signals summed

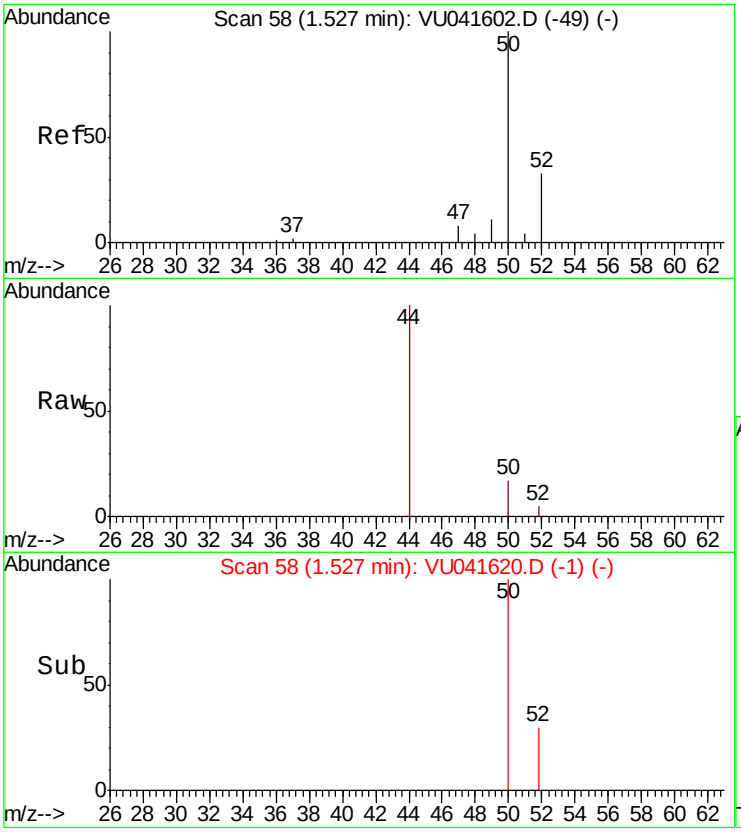
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041620.D
Acq On : 14 Dec 2020 19:01
Operator : SY/MD
Sample : L5027-18MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:50:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration



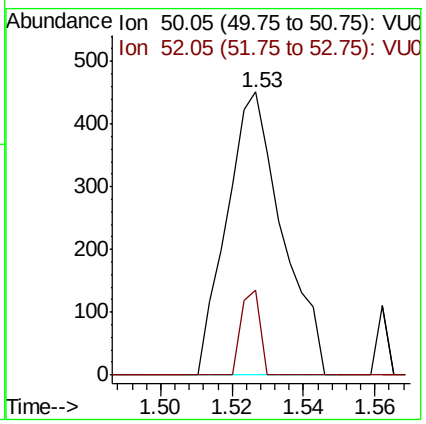


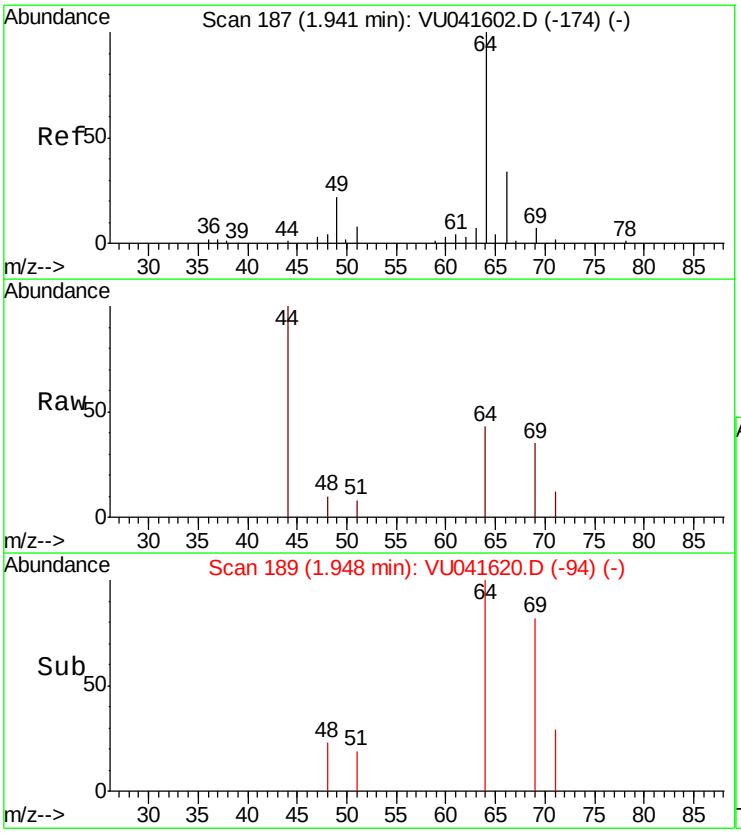
#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 484

Ion	Ratio	Lower	Upper
50	100		
52	29.7	24.1	44.8

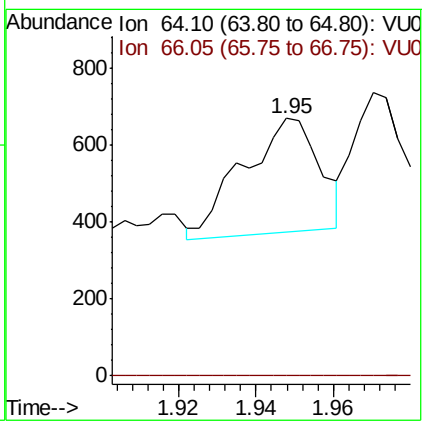


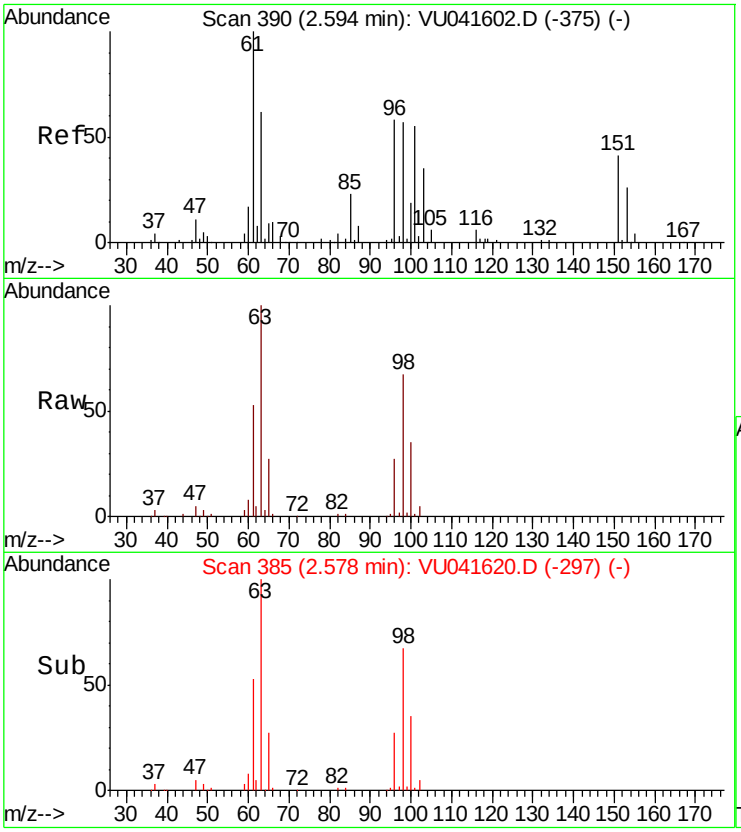


#8
Chloroethane
Concen: 0.055 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.01 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 64 Resp: 411

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.6	40.0#



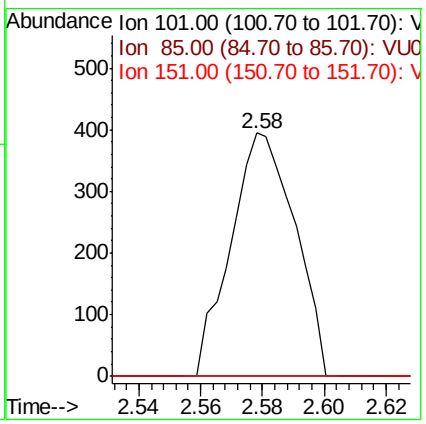


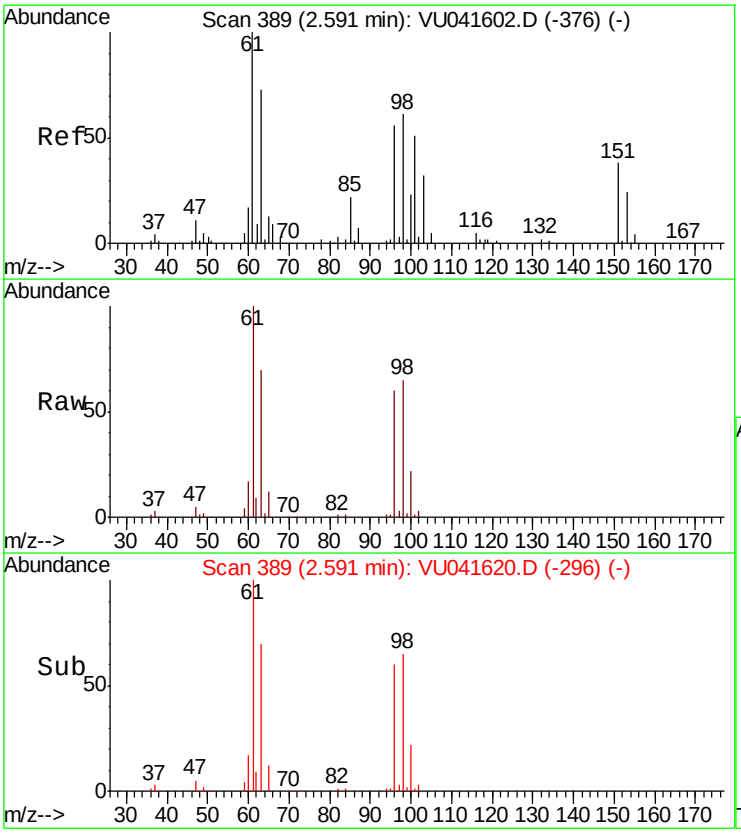
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.069 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 569

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.6	50.4#
151	0.0	56.2	84.4#

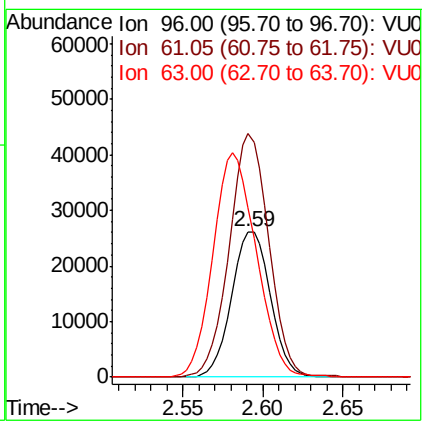


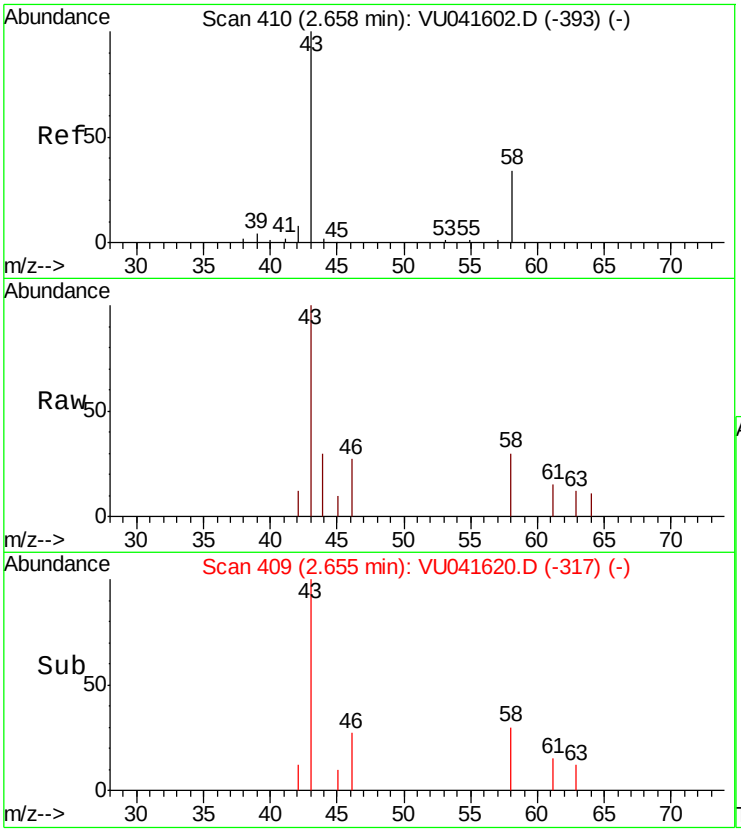


#12
1,1-Dichloroethene
Concen: 5.288 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 96 Resp: 43183

Ion	Ratio	Lower	Upper
96	100		
61	167.2	123.8	230.0
63	116.4	81.0	150.4



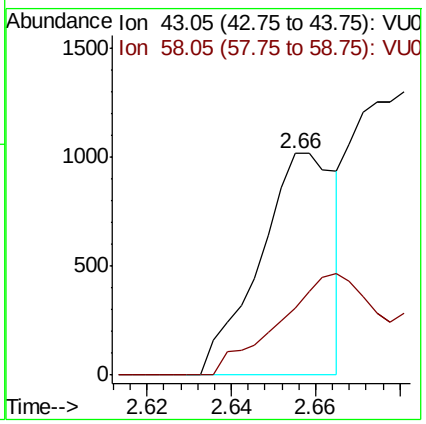


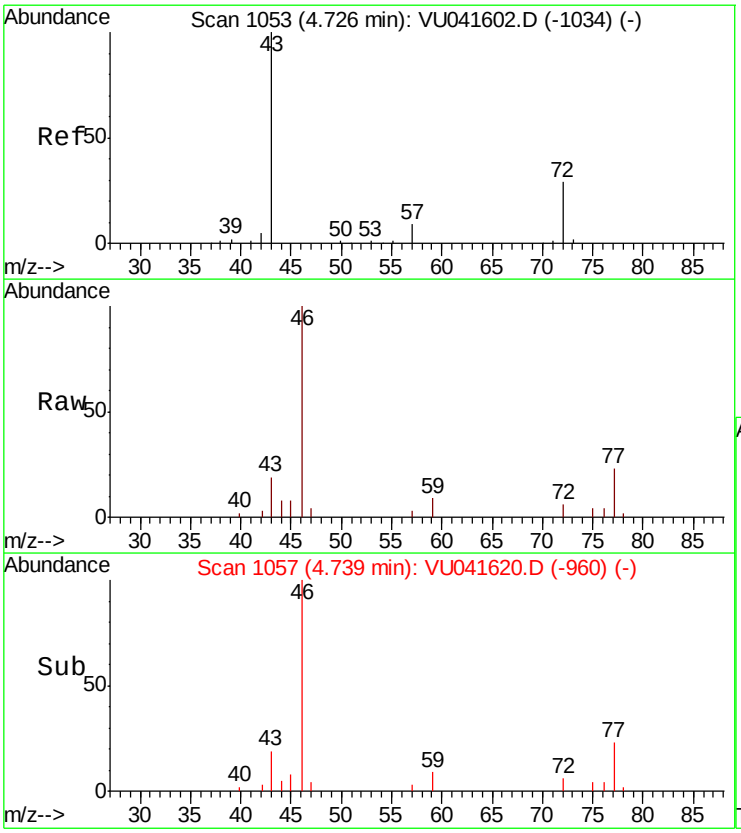
#13
Acetone
Concen: 0.737 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1267

Ion	Ratio	Lower	Upper
43	100		
58	56.6	0.0	73.2

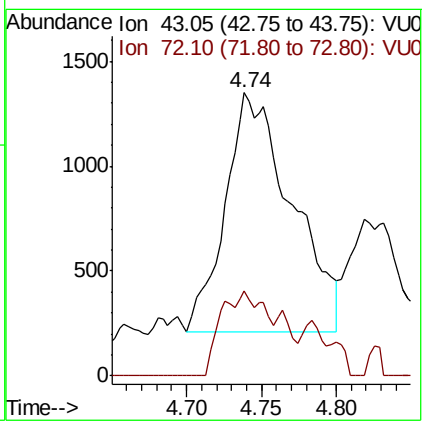


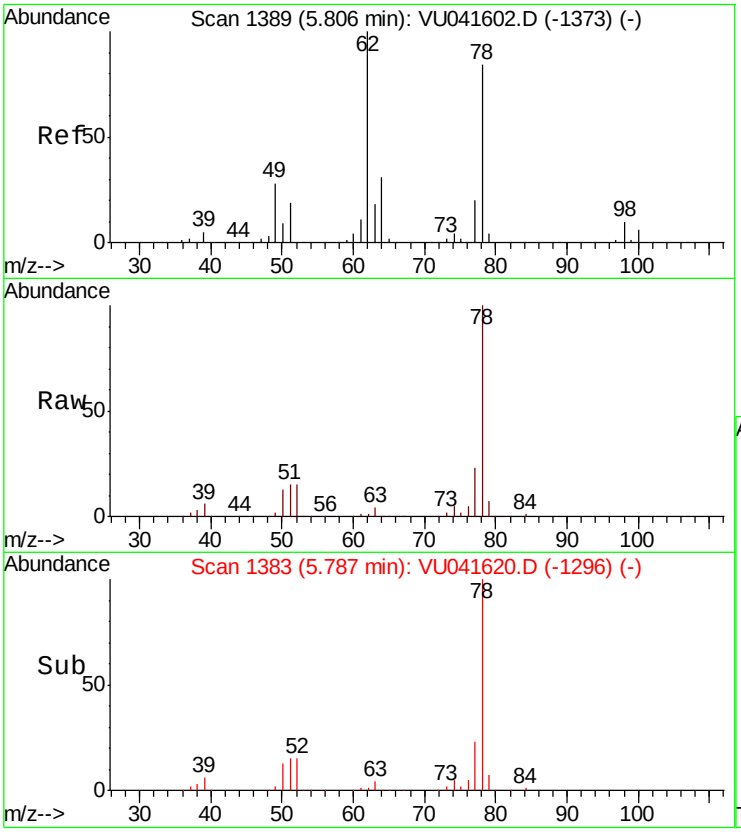


#21
2-Butanone
Concen: 1.252 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 43 Resp: 3506

Ion	Ratio	Lower	Upper
43	100		
72	24.1	14.6	44.0



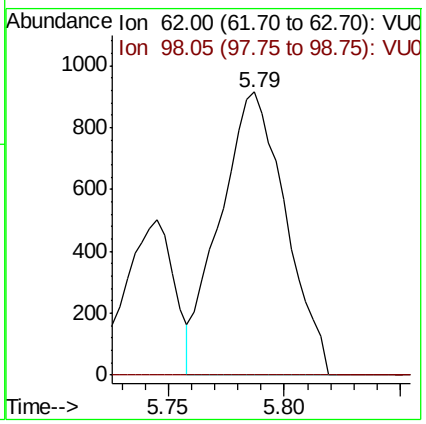


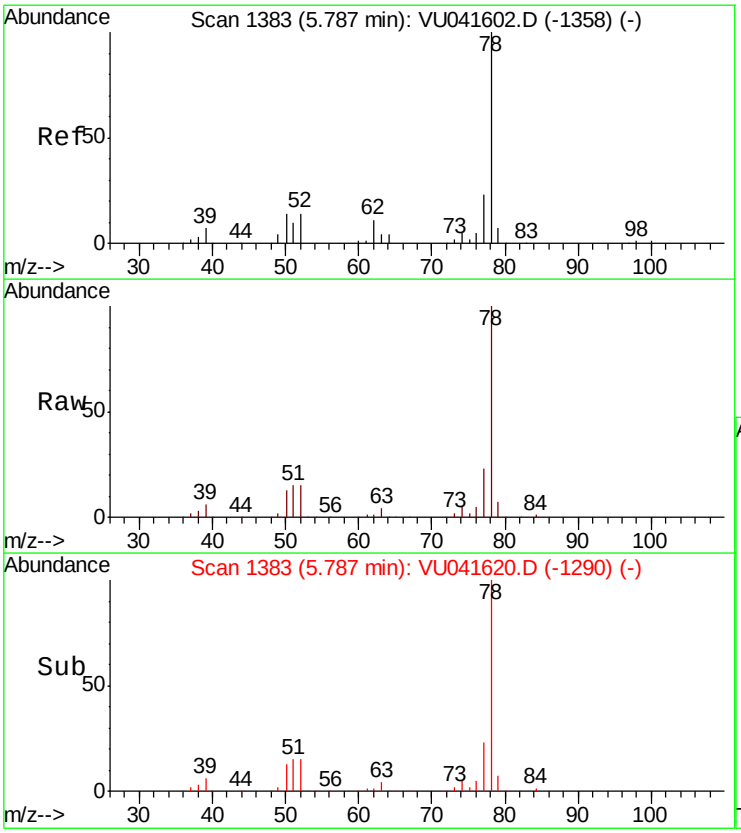
#27
1,2-Dichloroethane
Concen: 0.167 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.02 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 62 Resp: 1795

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.2#

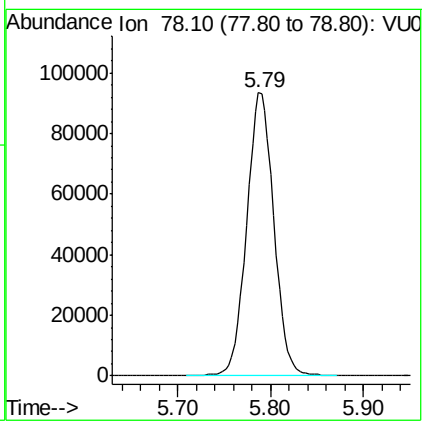
Instrument :
MSVOA_U
ClientSampleId :

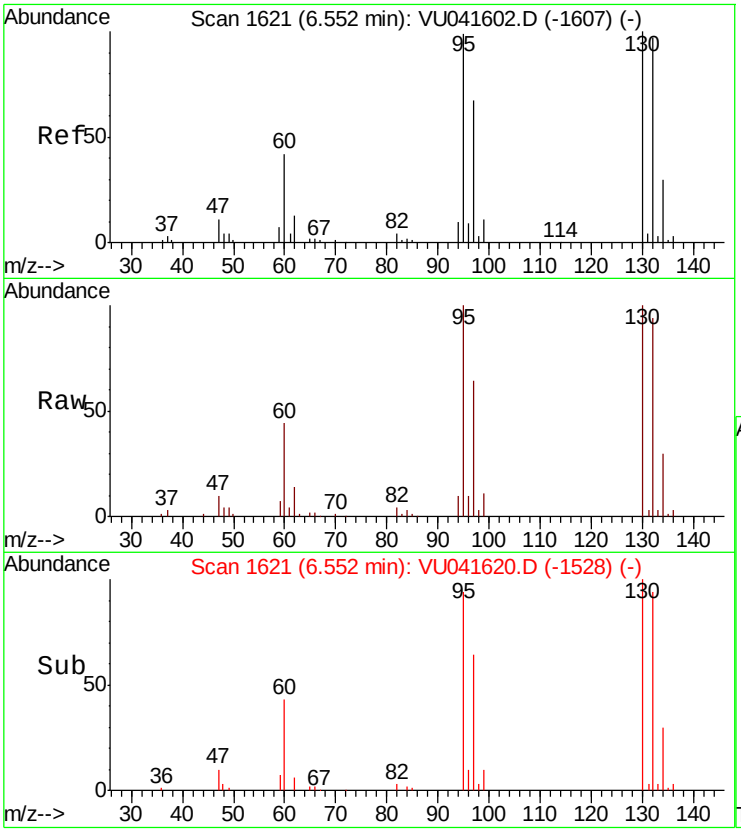




#33
Benzene
Concen: 5.035 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 78 Resp: 190348



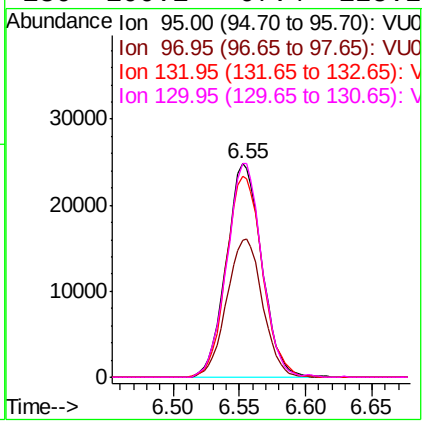


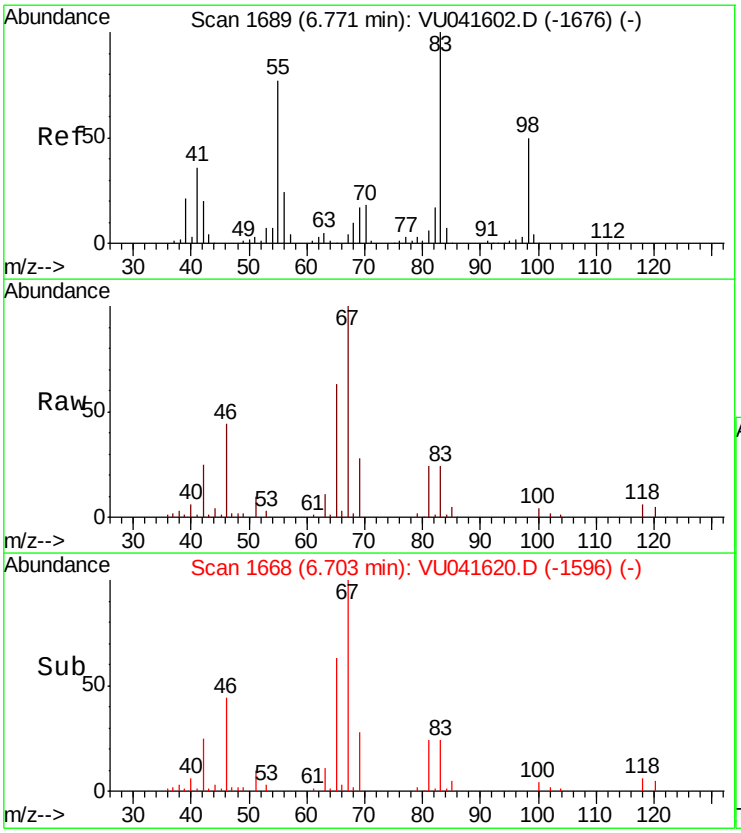
#34
Trichloroethene
Concen: 4.860 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 46164

Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.9	81.5
132	94.4	63.1	117.3
130	100.1	67.4	125.2

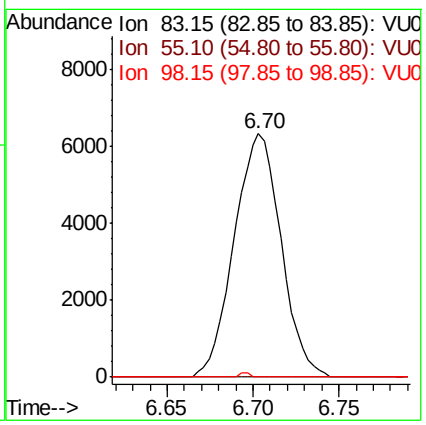


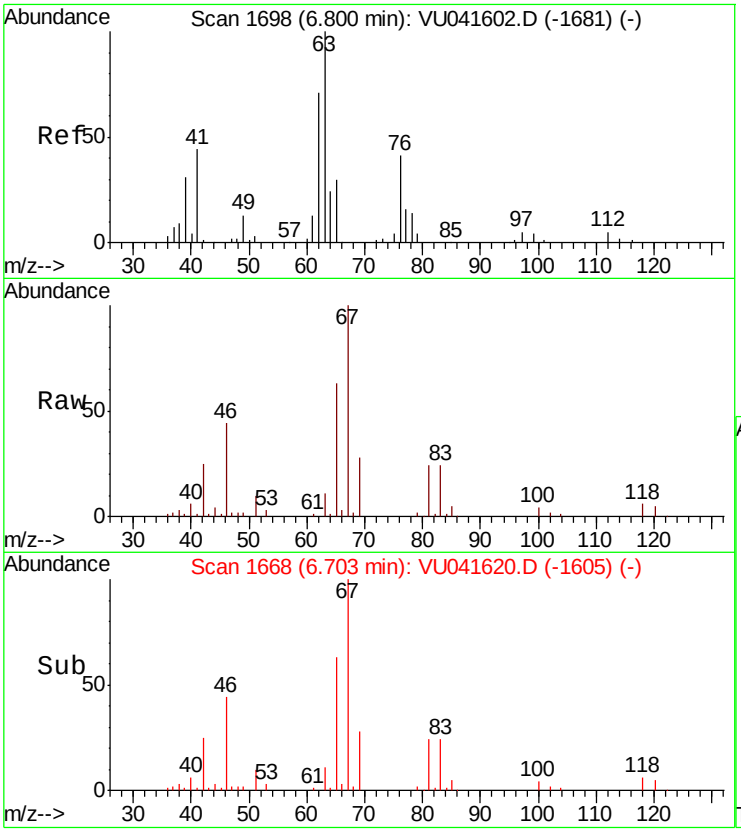


#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 83 Resp: 12021

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	11.5	36.6	54.8#



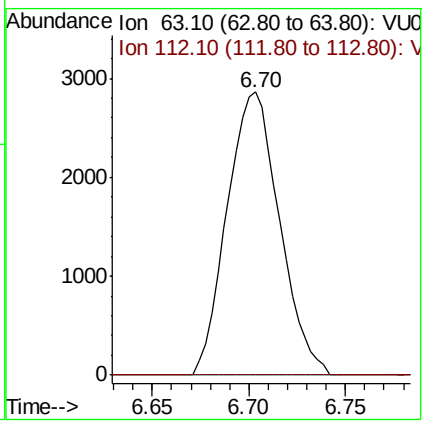


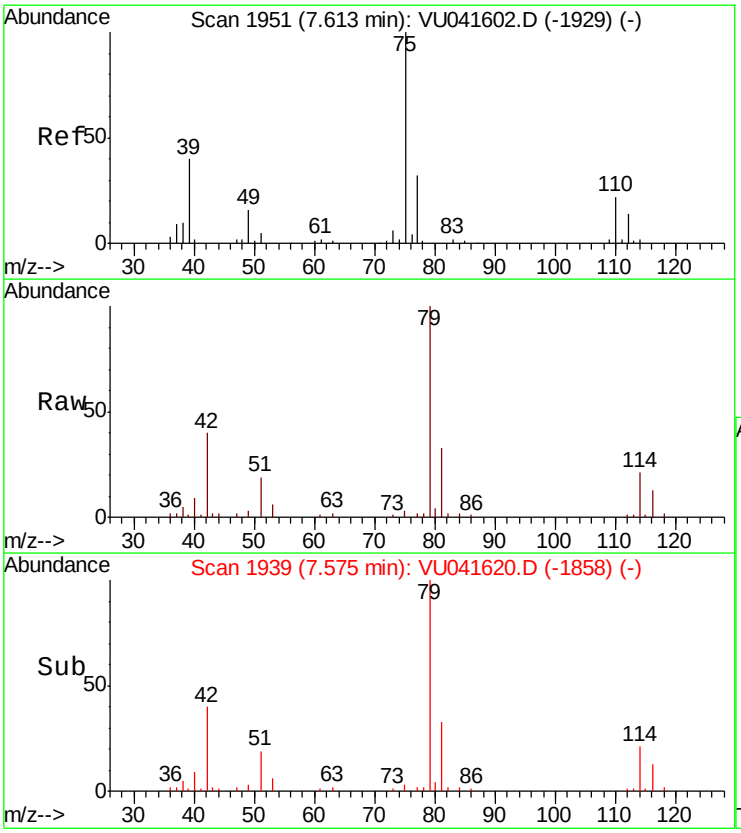
#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 5396

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

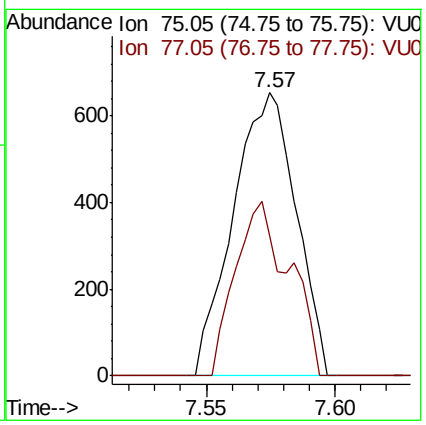


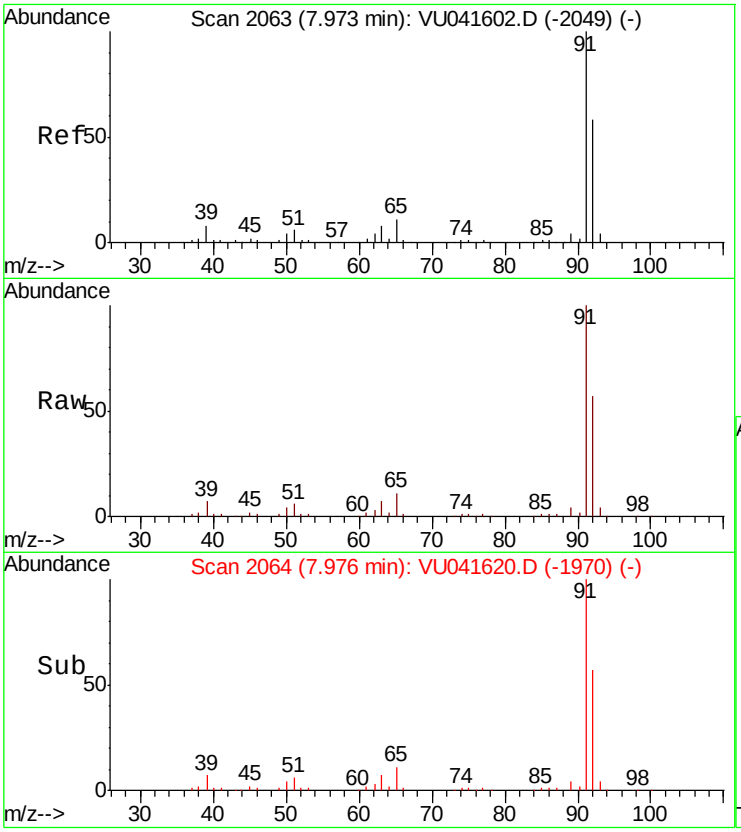


#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 75 Resp: 1111

Ion	Ratio	Lower	Upper
75	100		
77	49.5	22.3	41.3#



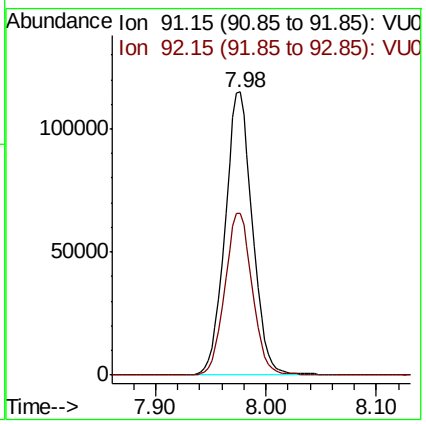


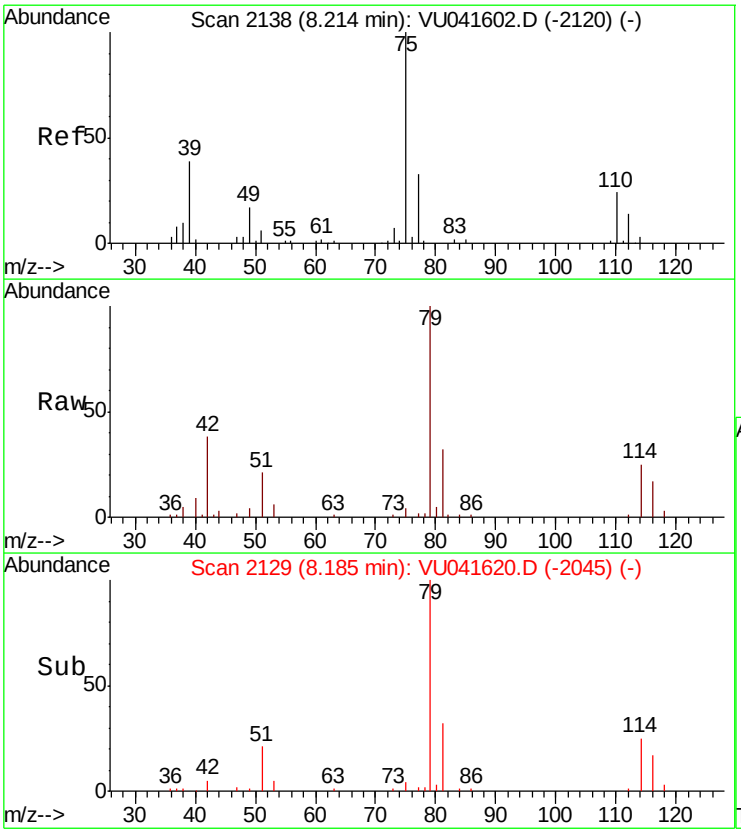
#42
Toluene
Concen: 5.063 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 197580

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.0	74.2

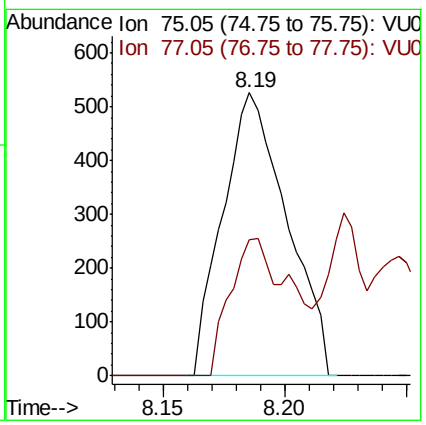


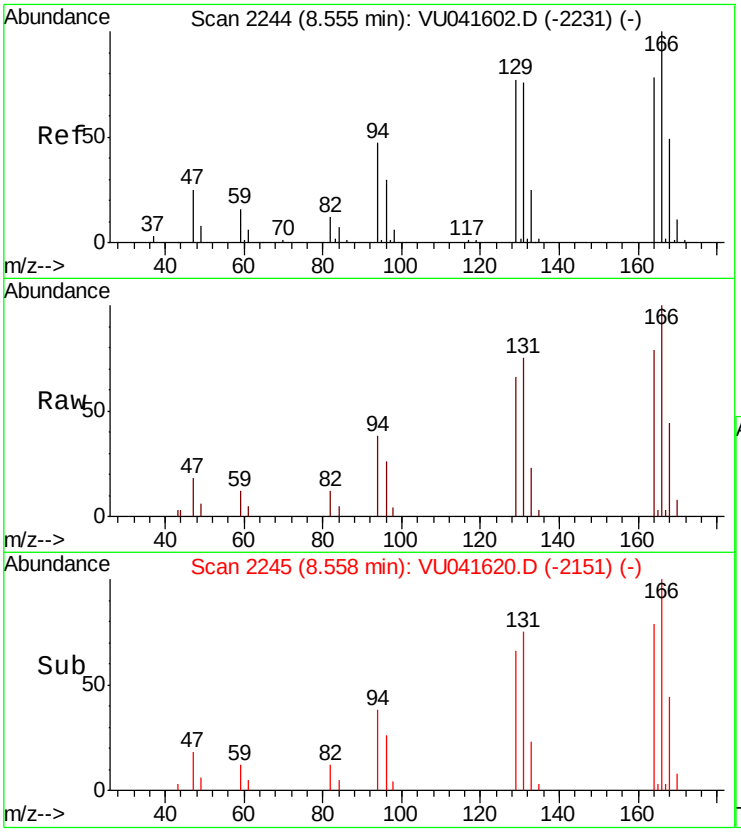


#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 75 Resp: 960

Ion	Ratio	Lower	Upper
75	100		
77	47.9	23.8	44.2#



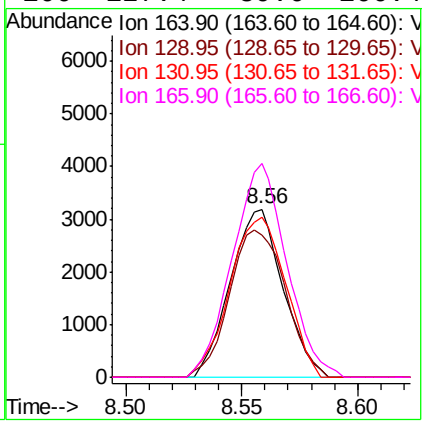


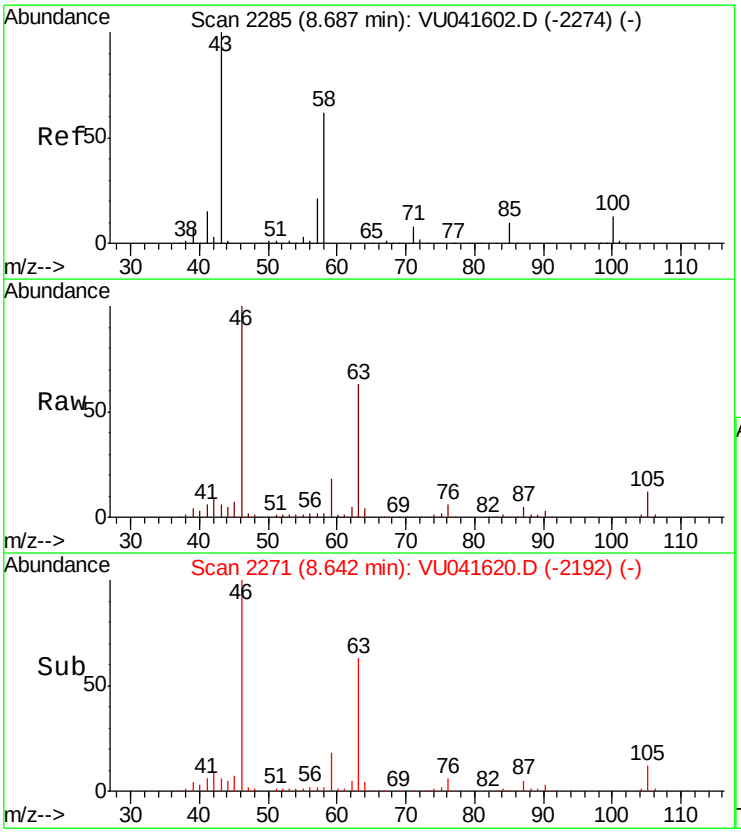
#47
Tetrachloroethene
Concen: 0.758 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 5039

Ion	Ratio	Lower	Upper
164	100		
129	84.5	72.2	134.0
131	95.4	66.9	124.3
166	127.4	89.6	166.4

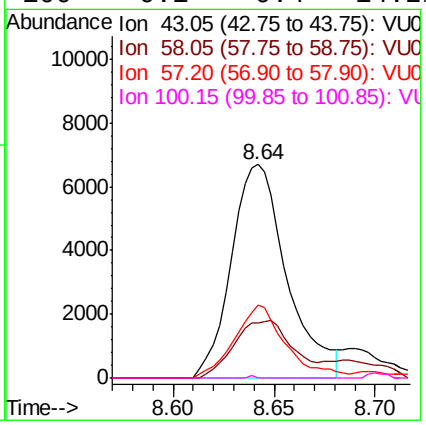


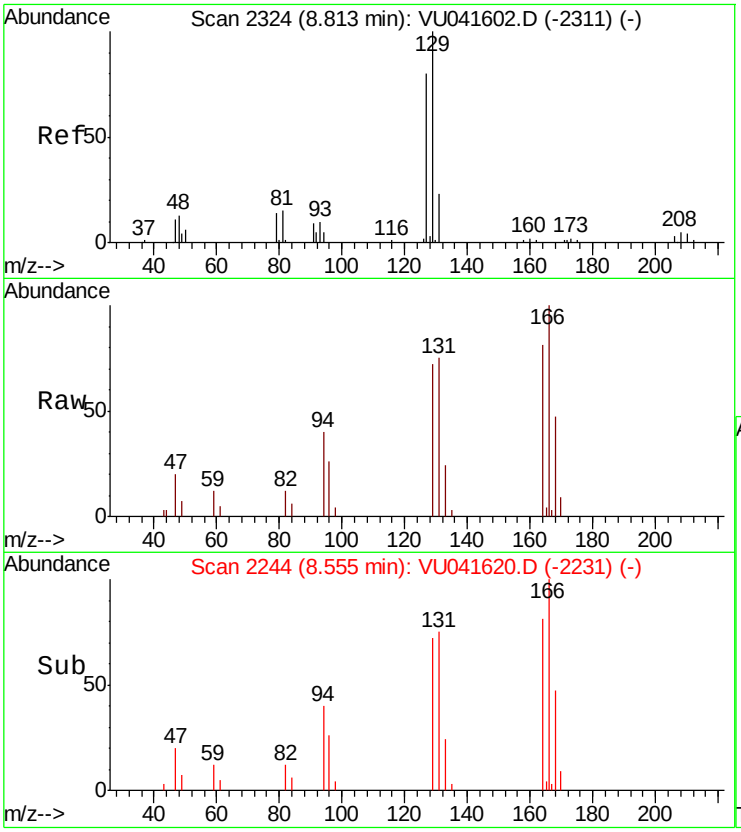


#48
2-Hexanone
Concen: 2.570 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 43 Resp: 12869

Ion	Ratio	Lower	Upper
43	100		
58	28.4	47.9	71.9#
57	31.6	16.5	24.7#
100	0.1	9.4	14.2#



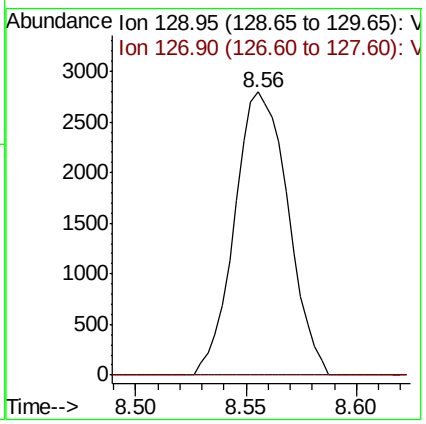


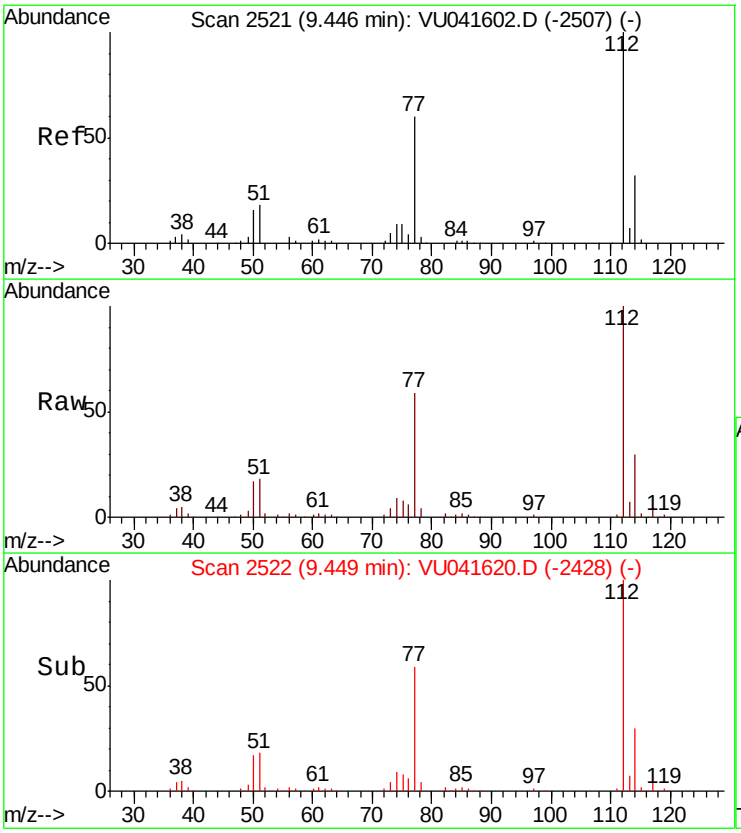
#49
Dibromochloromethane
Concen: 0.572 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 4696

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#

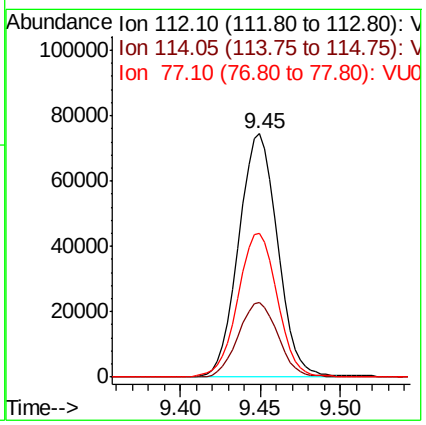


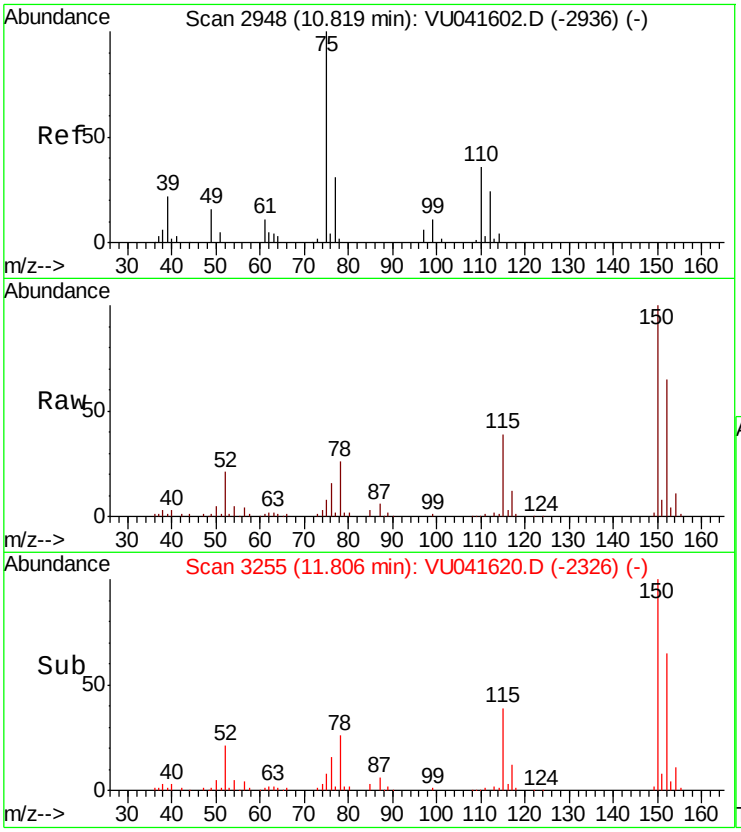


#51
Chlorobenzene
Concen: 5.107 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion:112 Resp: 123894

Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.7	42.3
77	59.3	49.1	73.7





#59
1,2,3-Trichloropropane
Concen: 0.832 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6043

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#