Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122320\
Data File : VU041788.D
Acq On : 23 Dec 2020 17:45
Operator : SY/MD
Sample : L5185-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4T0

Quant Time: Dec 24 01:13:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120038	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117548	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51750	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	38852	4.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.80%			
7) Chloroethane-d5	1.92	69	40032	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.20%			
11) 1,1-Dichloroethene-d2	2.58	63	60194	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%			
20) 2-Butanone-d5	4.66	46	139326	51.68	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.36%			
24) Chloroform-d	5.08	84	77621	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.72	65	45658	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.74	84	151227	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.70	67	48413	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.90	98	120036	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
43) trans-1,3-Dichloropropene-	8.19	79	19407	4.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.80%			
46) 2-Hexanone-d5	8.64	63	120924	46.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.24%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46757	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	49084	5.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	470	0.048	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	374	0.045	ug/L #	26
13) Acetone	2.68	43	3722	2.171	ug/L	73
16) Methylene chloride	3.06	84	1374	0.141	ug/L #	73
21) 2-Butanone	4.83	43	17426	6.239	ug/L #	46
33) Benzene	5.79	78	2333	0.062	ug/L	100
35) Methylcyclohexane	6.70	83	11884	0.778	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4948	0.515	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1219	0.086	ug/L #	58
42) Toluene	7.98	91	16000	0.412	ug/L	96
44) trans-1,3-Dichloropropene	8.19	75	701	0.055	ug/L #	58
47) Tetrachloroethene	8.56	164	458	0.069	ug/L #	85
52) Ethylbenzene	9.57	91	2618	0.063	ug/L	97
53) m,p-Xylene	9.69	106	3629	0.235	ug/L	98
54) o-Xylene	10.10	106	1680	0.111	ug/L	81
59) 1,2,3-Trichloropropane	11.81	75	5472	0.758	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.76	75	338	0.233	ug/L #	8

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122320\
Data File : VU041788.D
Acq On : 23 Dec 2020 17:45
Operator : SY/MD
Sample : L5185-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4T0

Quant Time: Dec 24 01:13:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) Naphthalene	14.07	128	1011	0.048	ug/L	#	69

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122320\
Data File : VU041788.D
Acq On : 23 Dec 2020 17:45
Operator : SY/MD
Sample : L5185-14
Misc : 25.0mL/MSVOA_U/WATER
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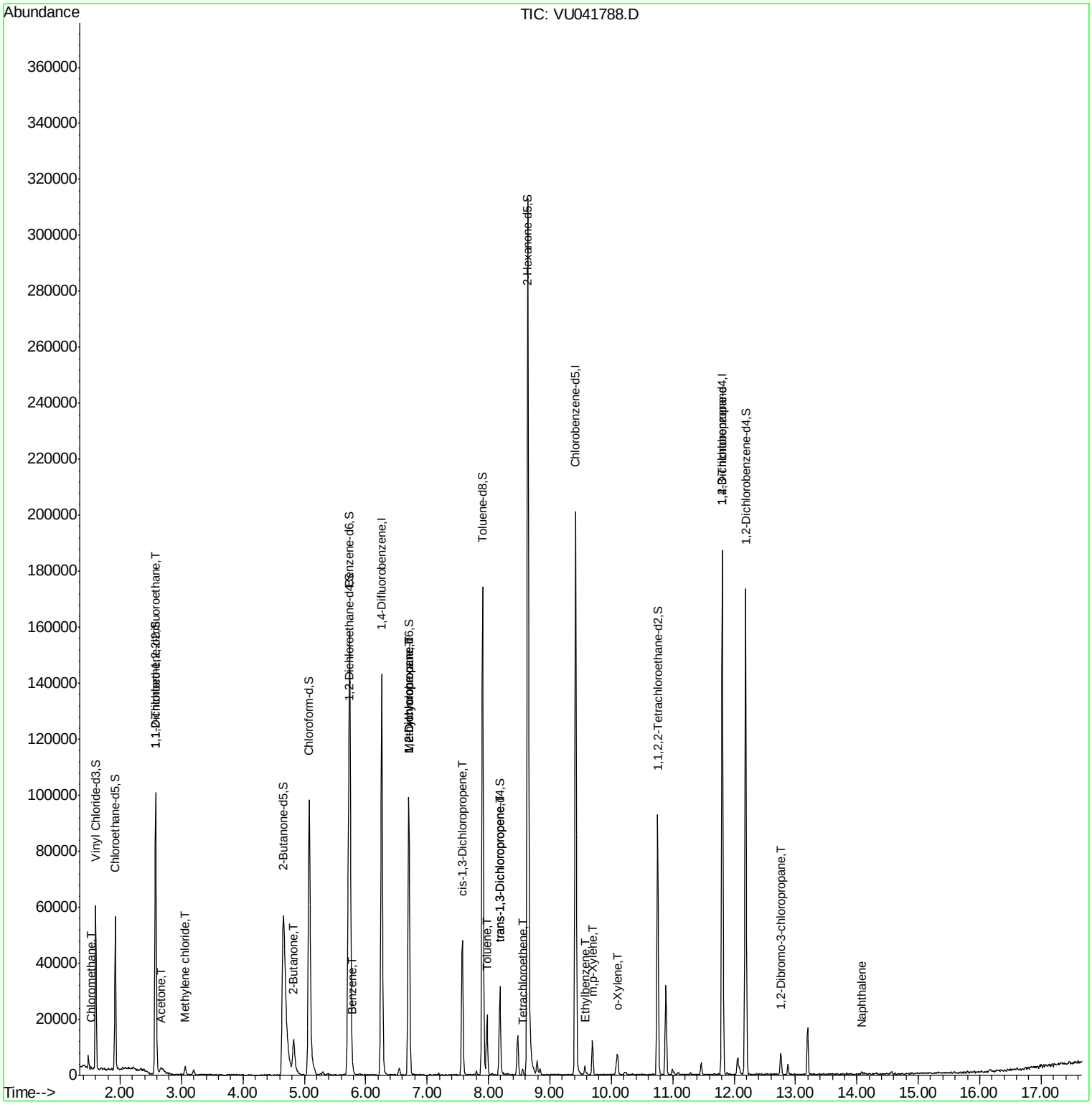
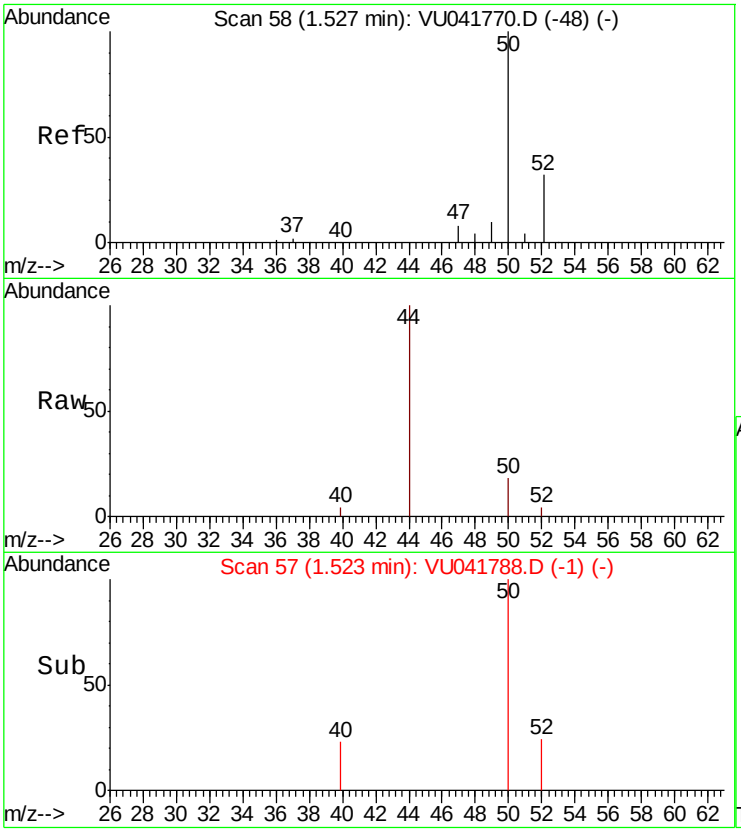
Instrument : MSVOA_U
ClientSampleId : BG4T0

Quant Time: Dec 24 01:13:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration



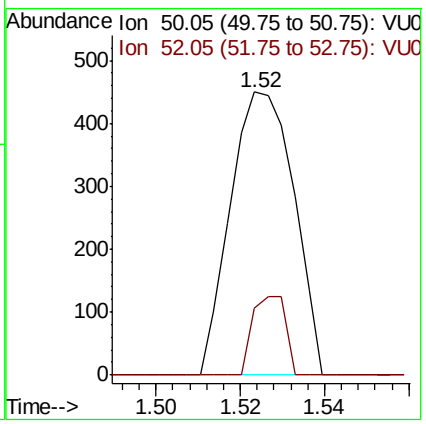


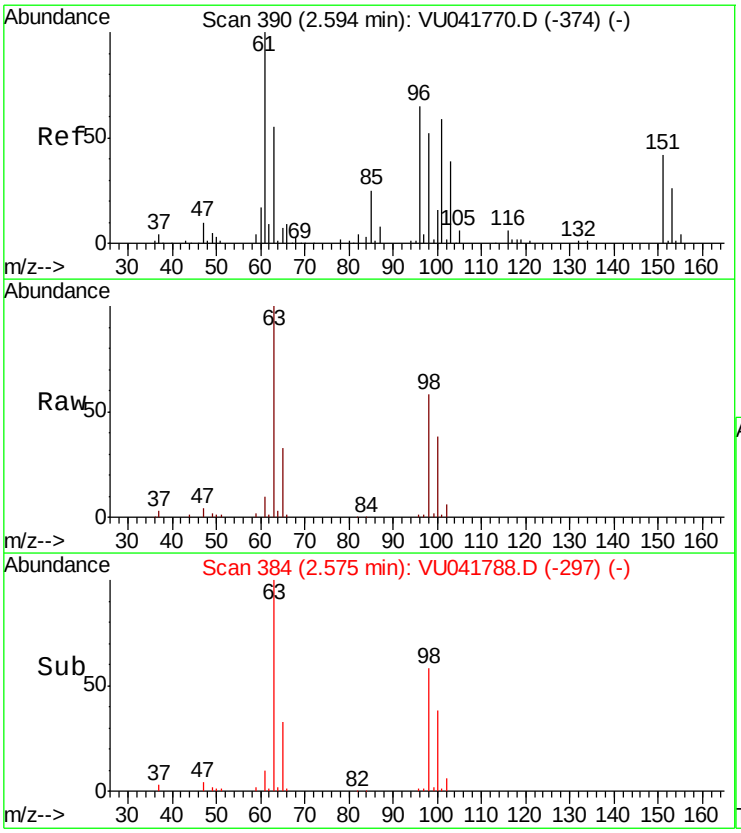
#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG4T0

Tgt Ion: 50 Resp: 470

Ion	Ratio	Lower	Upper
50	100		
52	23.8	24.1	44.8#

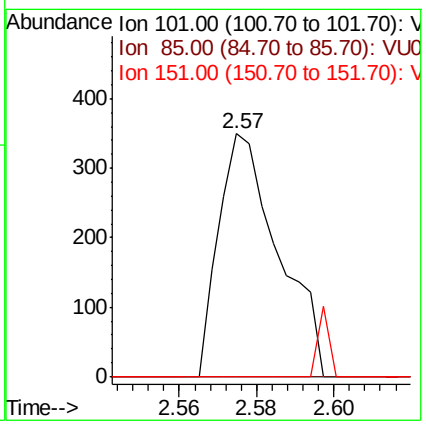


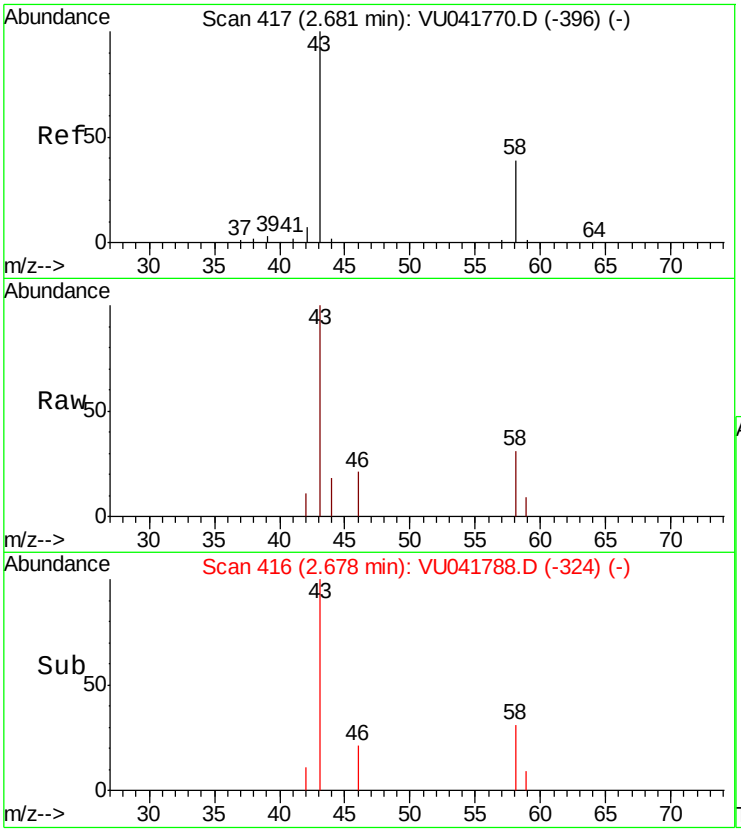


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Tgt Ion:101 Resp: 374

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.6	50.4#
151	5.3	56.2	84.4#



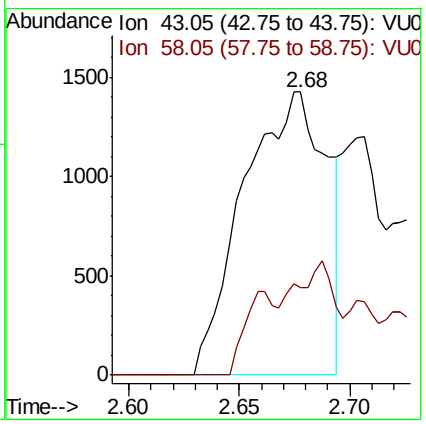


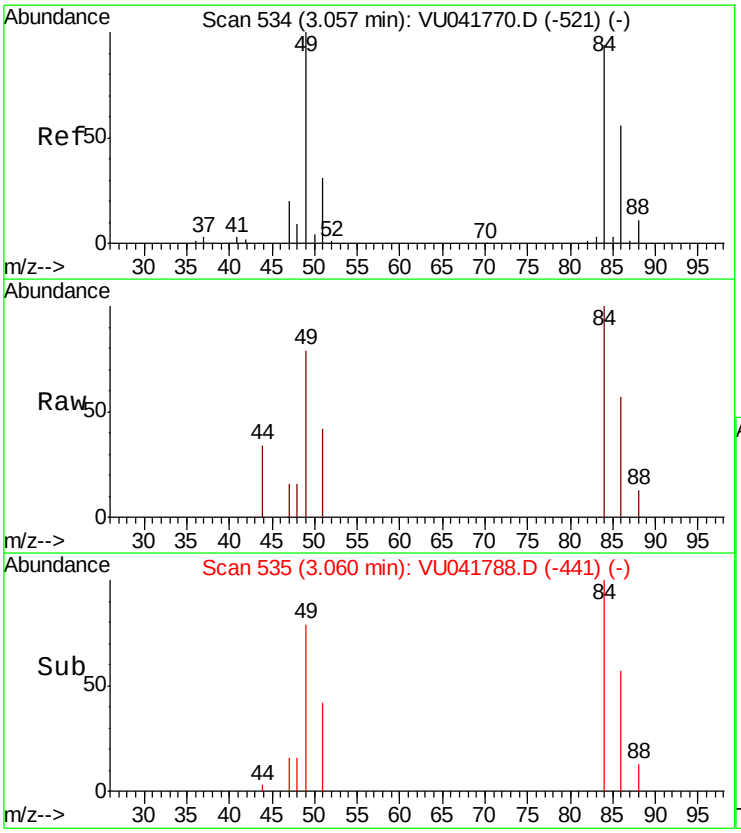
#13
Acetone
Concen: 2.171 ug/L
RT: 2.68 min Scan# 416
Delta R.T. -0.00 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Instrument : MSVOA_U
ClientSampleId : BG4T0

Tgt Ion: 43 Resp: 3722

Ion	Ratio	Lower	Upper
43	100		
58	20.6	0.0	73.2

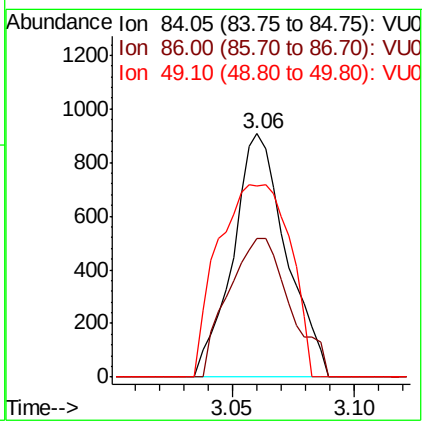


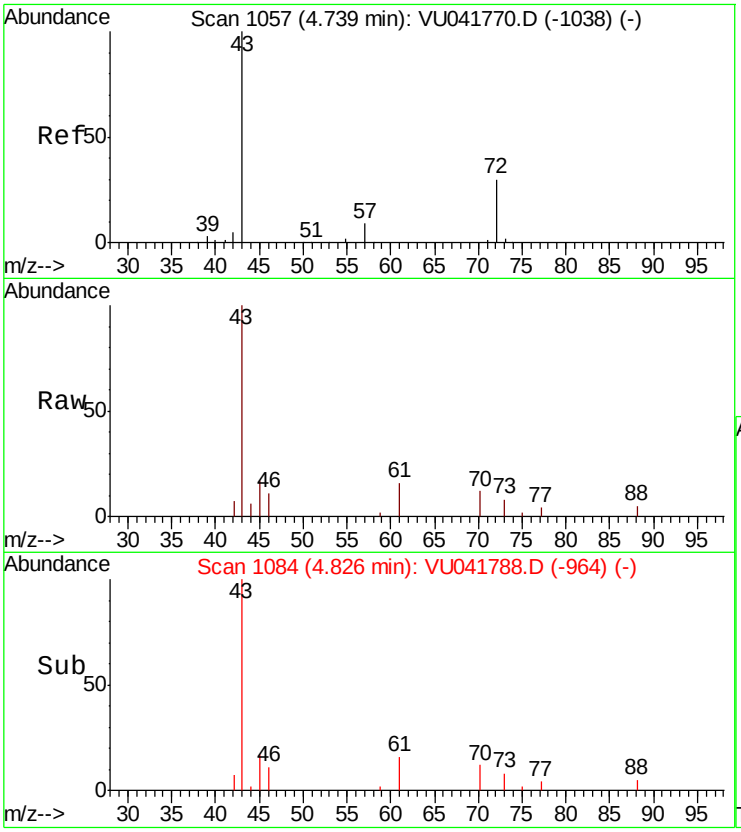


#16
Methylene chloride
Concen: 0.141 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Tgt Ion: 84 Resp: 1374

Ion	Ratio	Lower	Upper
84	100		
86	56.8	45.1	83.7
49	78.5	83.1	154.3#



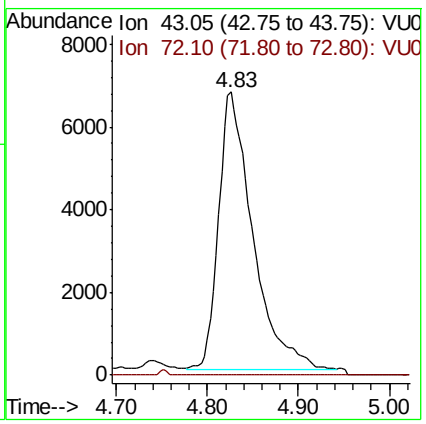


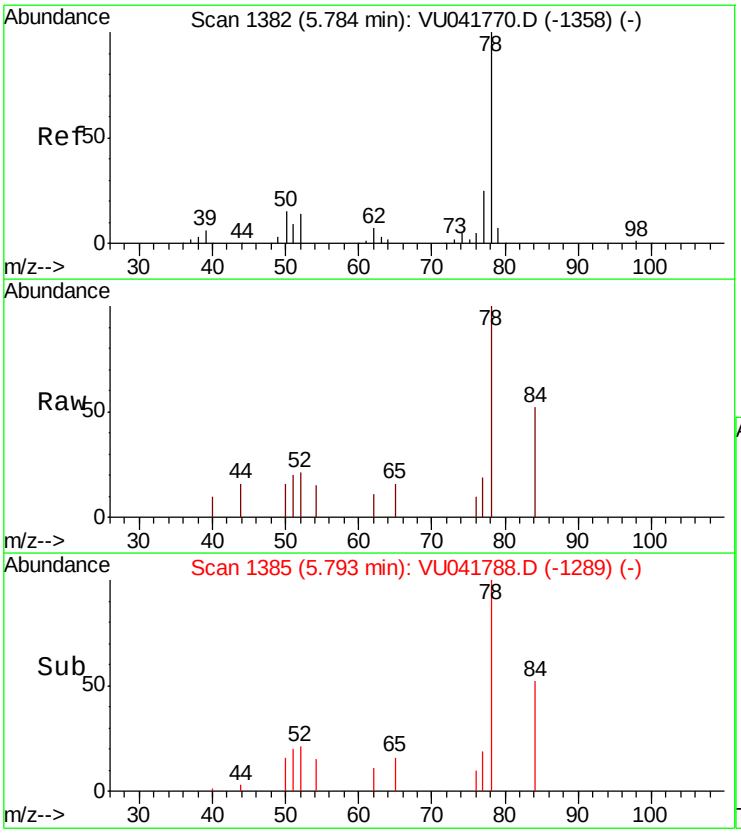
#21
2-Butanone
Concen: 6.239 ug/L
RT: 4.83 min Scan# 1084
Delta R.T. 0.09 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Instrument : MSVOA_U
ClientSampleId : BG4T0

Tgt Ion: 43 Resp: 17426

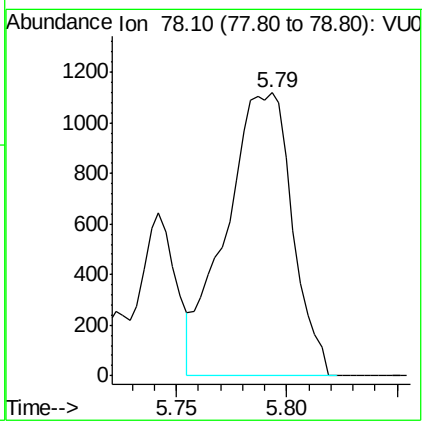
Ion	Ratio	Lower	Upper
43	100		
72	0.4	14.6	44.0#

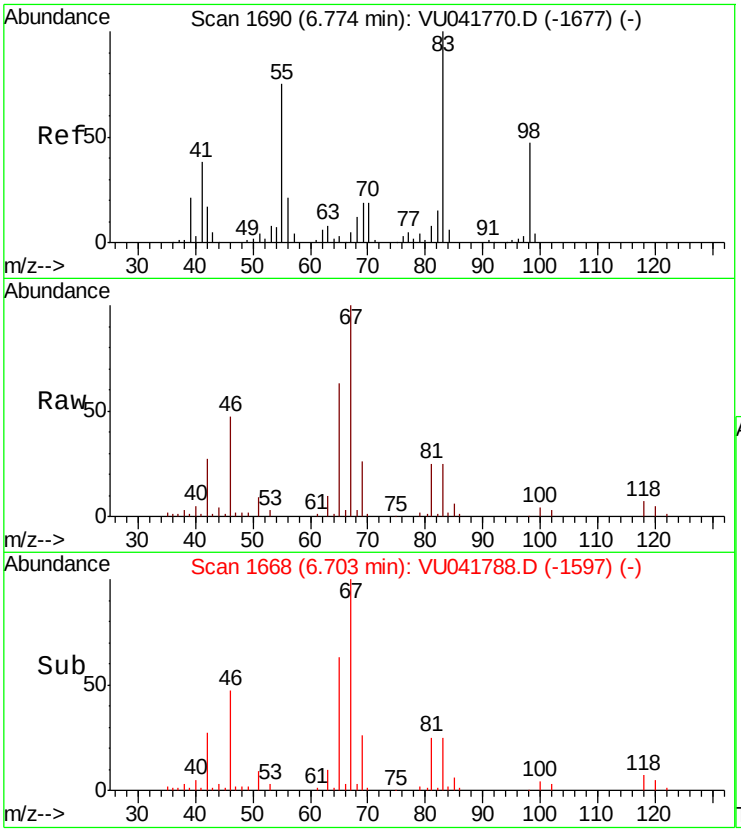




#33
Benzene
Concen: 0.062 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.01 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Tgt Ion: 78 Resp: 2333



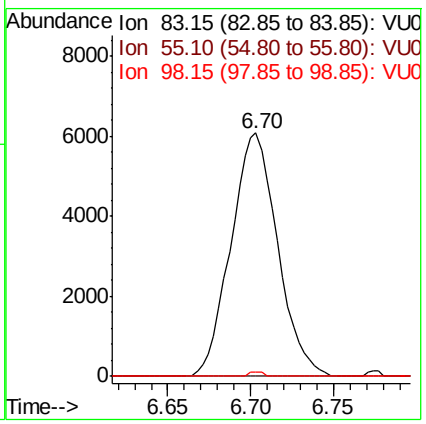


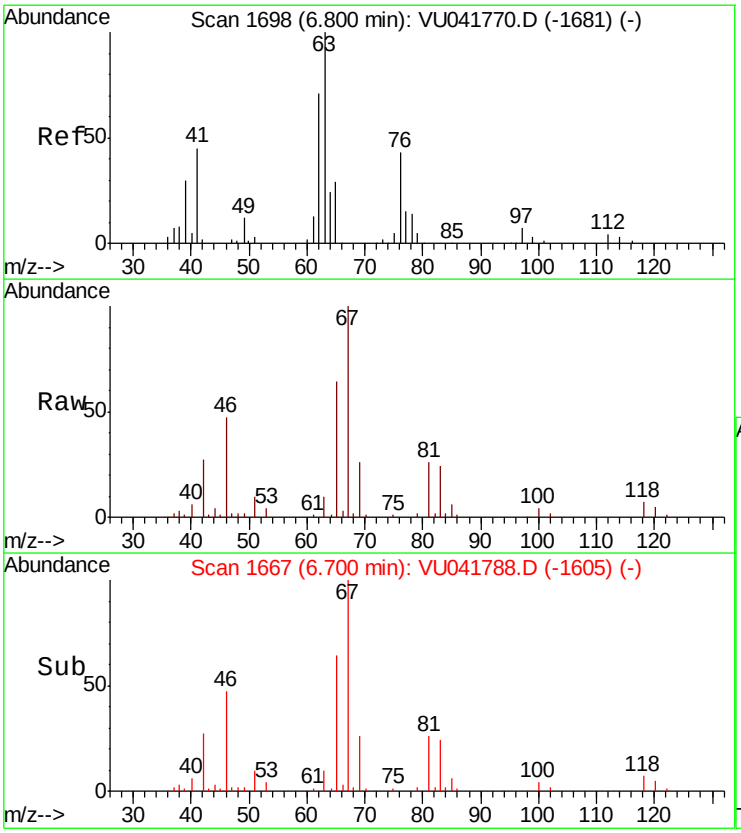
#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Instrument : MSVOA_U
ClientSampleId : BG4T0

Tgt Ion: 83 Resp: 11884

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.5	36.6	54.8#

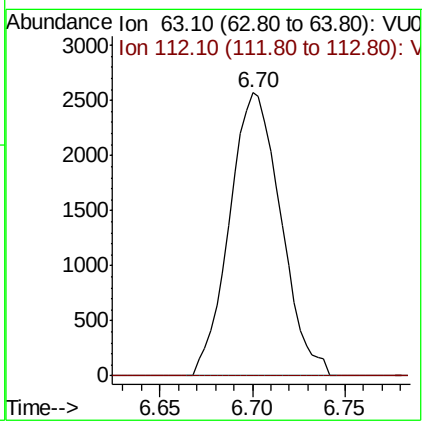


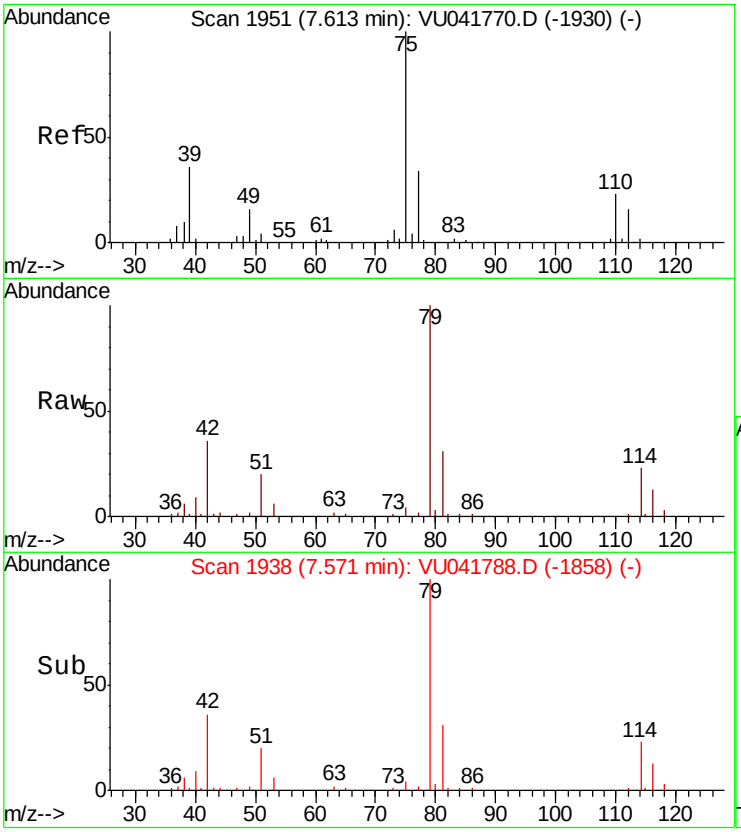


#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Tgt Ion: 63 Resp: 4948

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



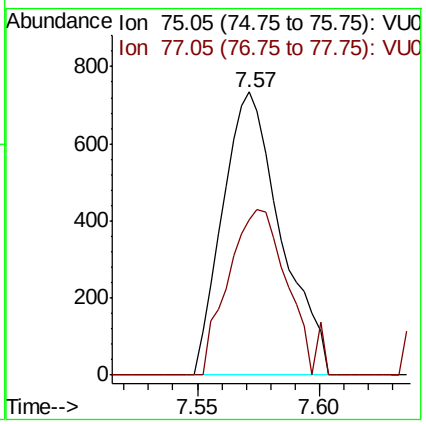


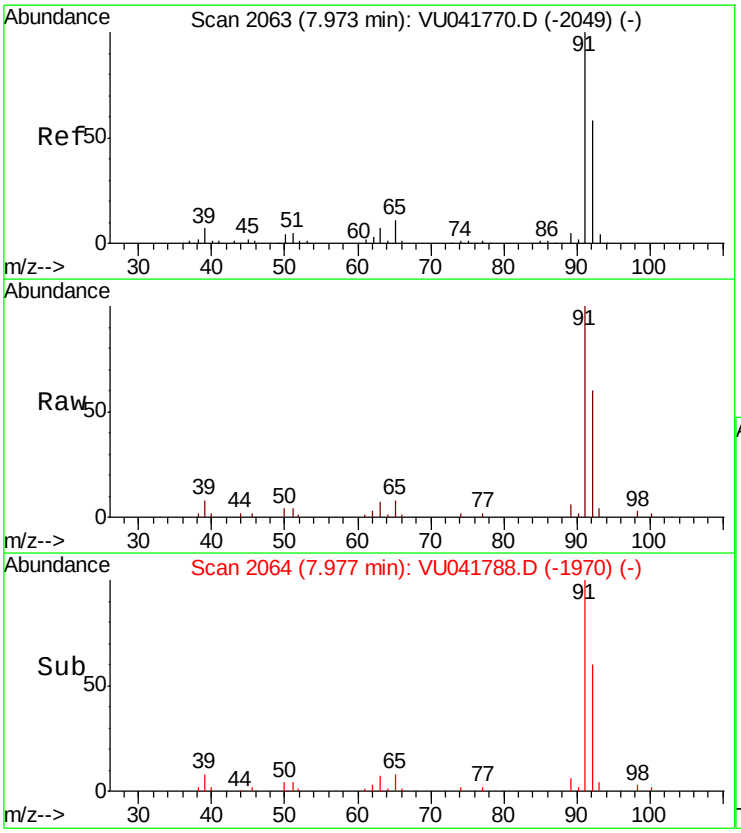
#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Instrument : MSVOA_U
ClientSampleId : BG4T0

Tgt Ion: 75 Resp: 1219

Ion	Ratio	Lower	Upper
75	100		
77	54.9	22.3	41.3#

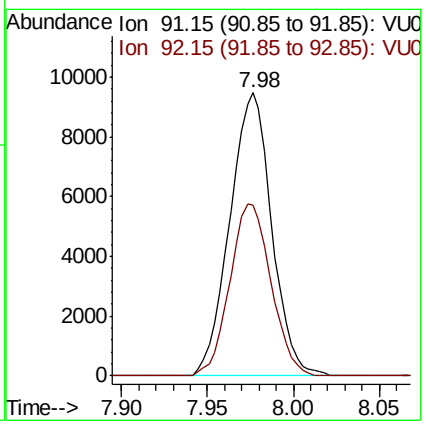


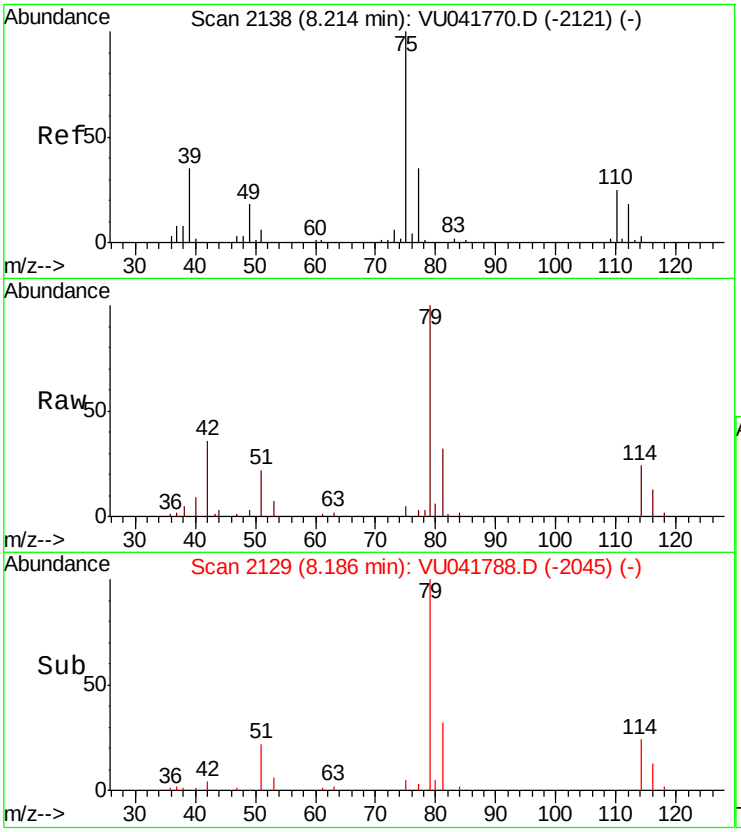


#42
Toluene
Concen: 0.412 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Tgt Ion: 91 Resp: 16000

Ion	Ratio	Lower	Upper
91	100		
92	60.3	40.0	74.2



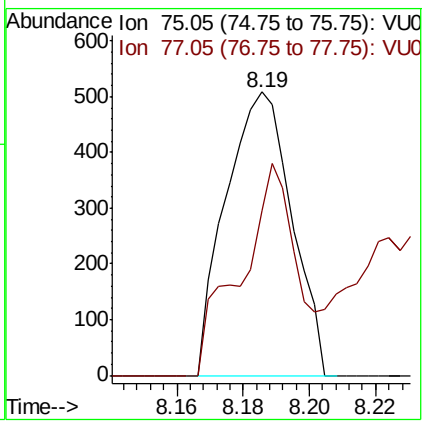


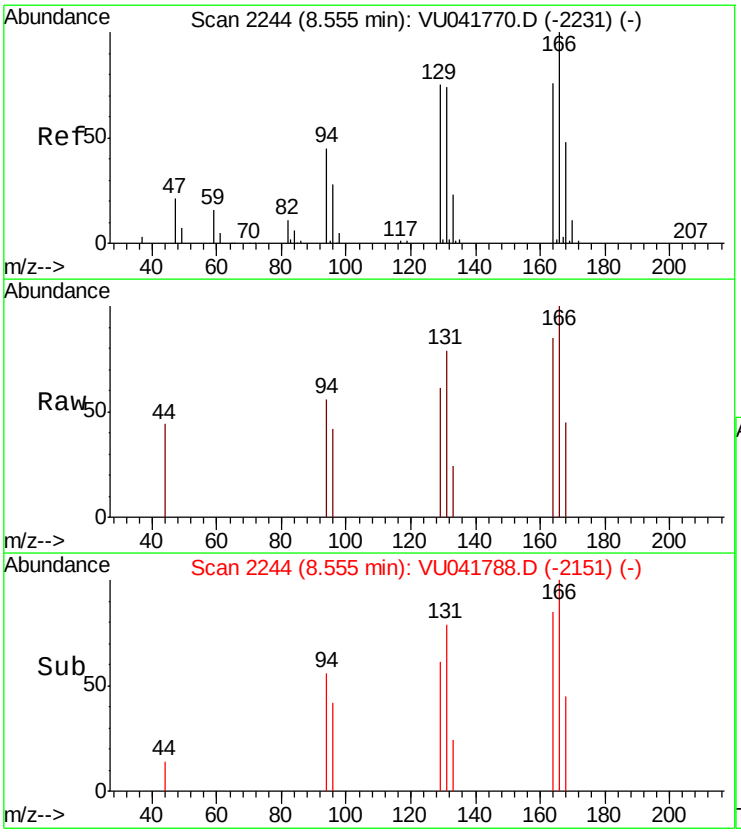
#44
trans-1,3-Dichloropropene
Concen: 0.055 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Instrument : MSVOA_U
ClientSampleId : BG4T0

Tgt Ion: 75 Resp: 701

Ion	Ratio	Lower	Upper
75	100		
77	58.1	23.8	44.2#

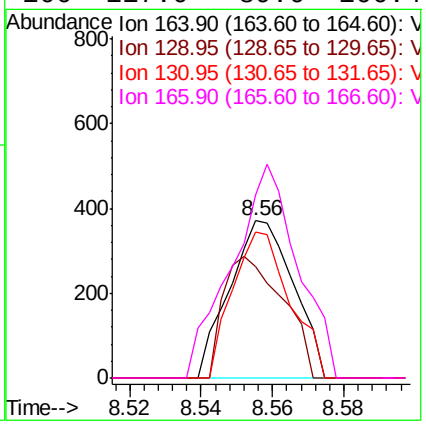


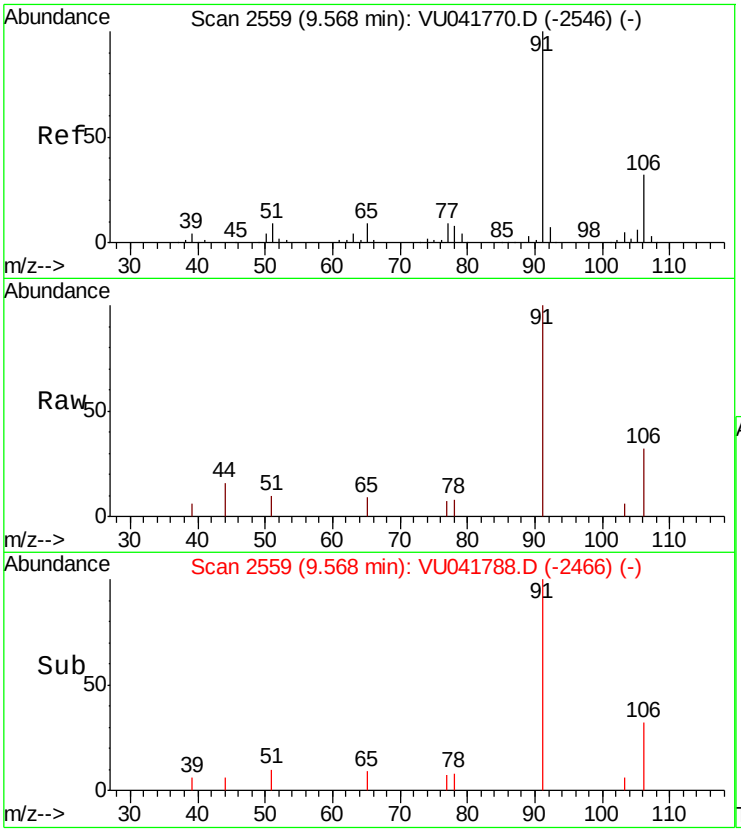


#47
Tetrachloroethene
Concen: 0.069 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Tgt Ion:164 Resp: 458

Ion	Ratio	Lower	Upper
164	100		
129	70.8	72.2	134.0#
131	93.0	66.9	124.3
166	117.0	89.6	166.4



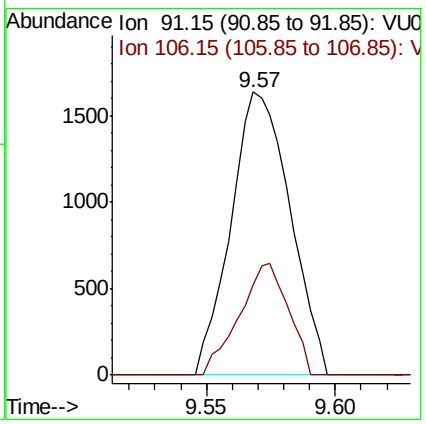


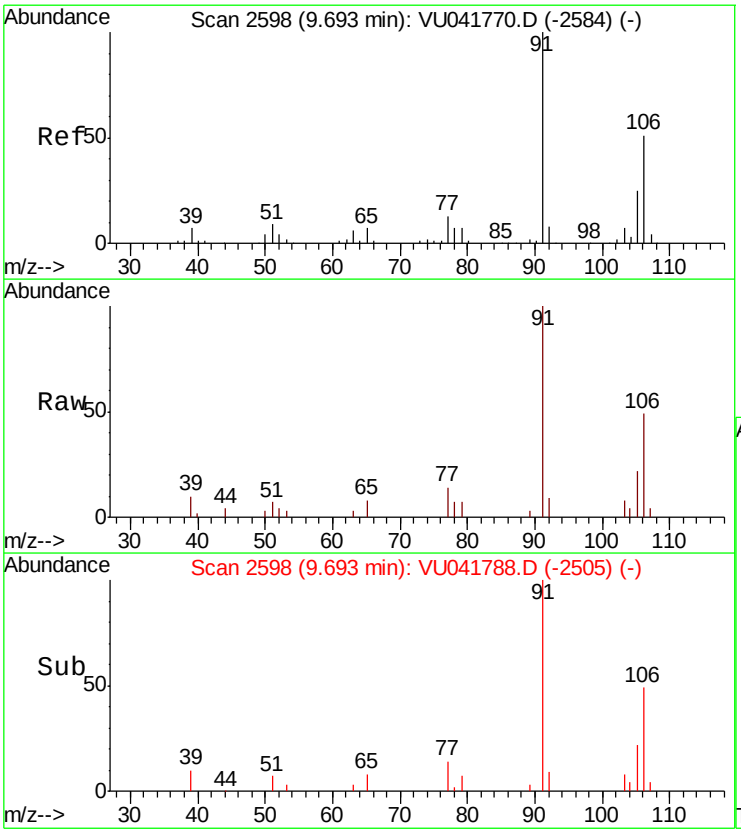
#52
Ethylbenzene
Concen: 0.063 ug/L
RT: 9.57 min Scan# 2559
Delta R.T. 0.00 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Instrument : MSVOA_U
ClientSampleId : BG4T0

Tgt Ion: 91 Resp: 2618

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.1	39.3

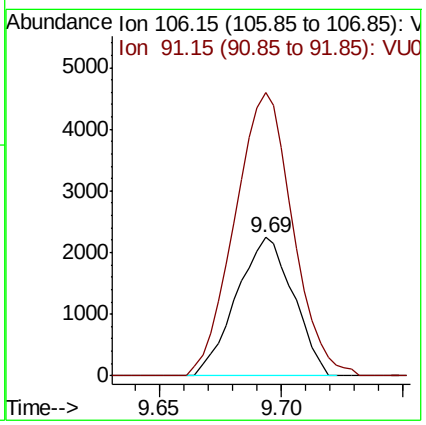


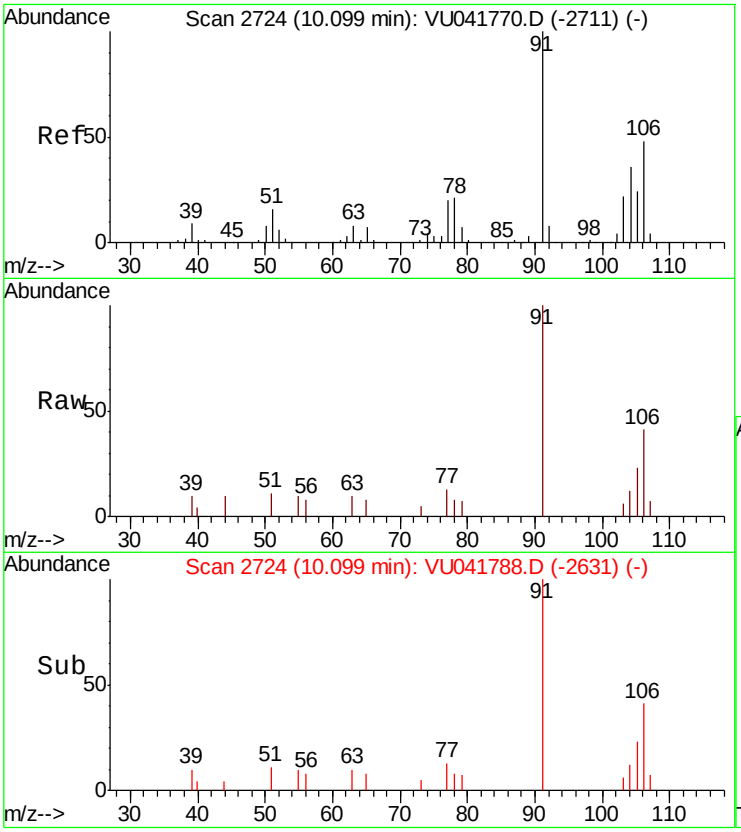


#53
m,p-Xylene
Concen: 0.235 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Tgt Ion:106 Resp: 3629

Ion	Ratio	Lower	Upper
106	100		
91	204.3	140.4	260.8



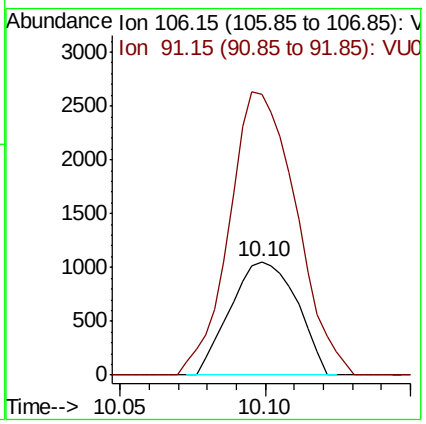


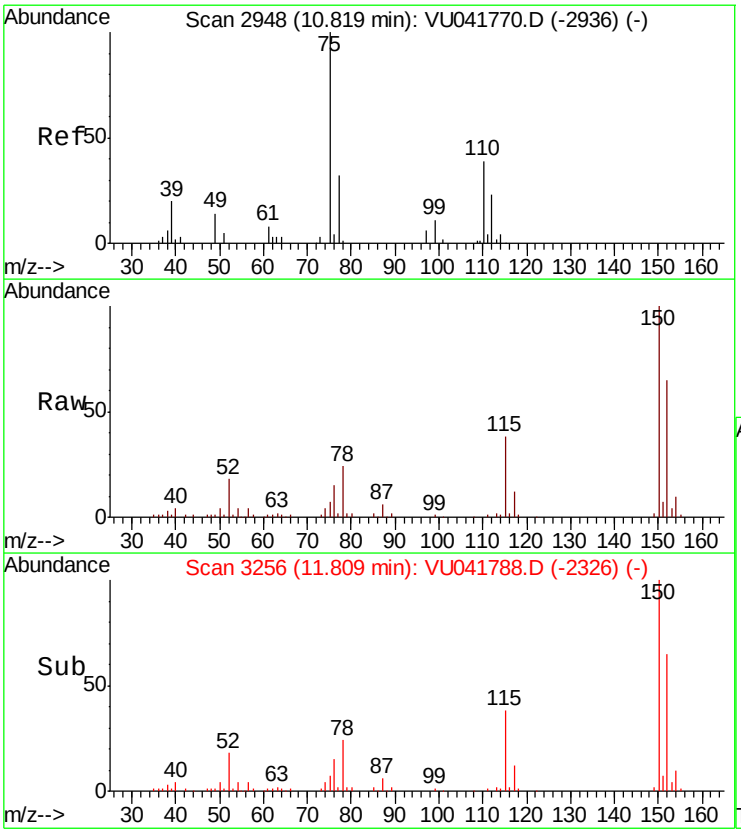
#54
o-Xylene
Concen: 0.111 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Instrument : MSVOA_U
ClientSampleId : BG4T0

Tgt Ion:106 Resp: 1680

Ion	Ratio	Lower	Upper
106	100		
91	246.8	151.3	281.1

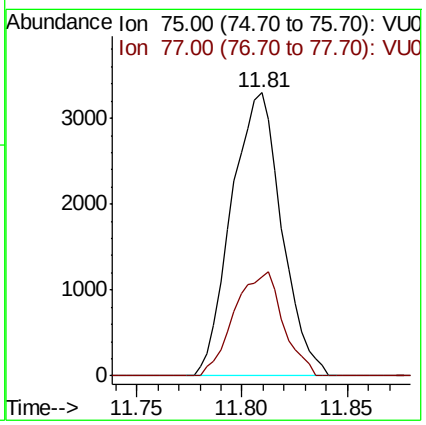


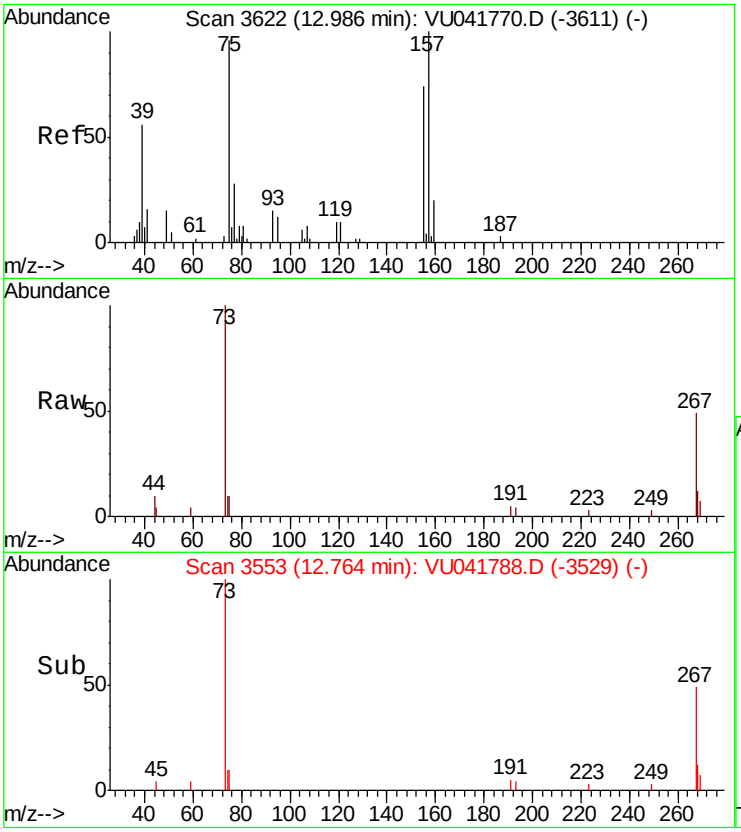


#59
1,2,3-Trichloropropane
Concen: 0.758 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Tgt Ion: 75 Resp: 5472

Ion	Ratio	Lower	Upper
75	100		
77	35.7	26.2	39.2



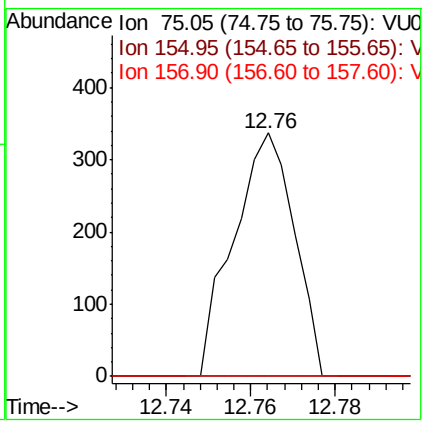


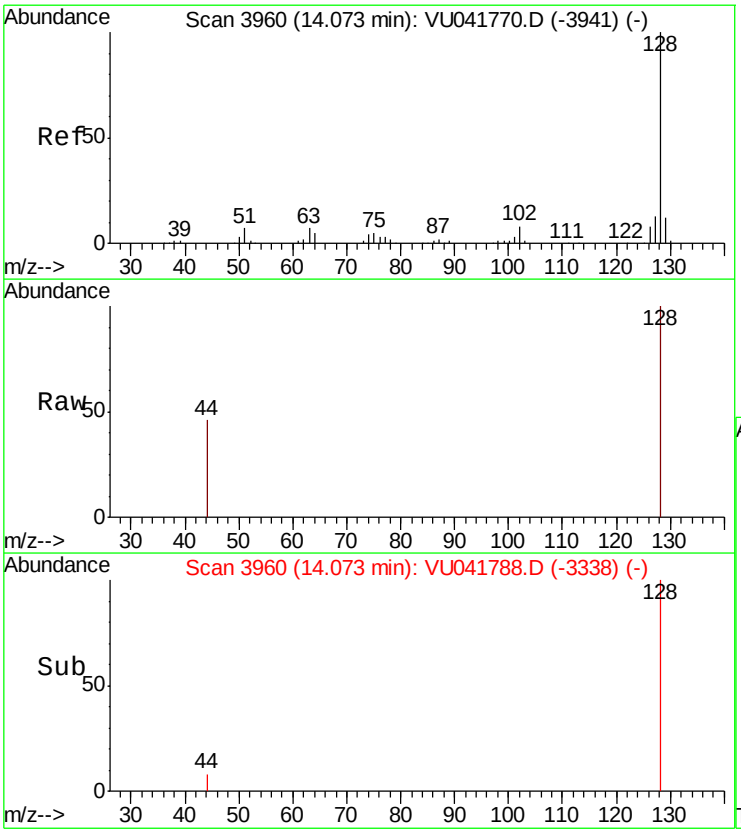
#66
1,2-Dibromo-3-chloropropane
Concen: 0.233 ug/L
RT: 12.76 min Scan# 3553
Delta R.T. -0.22 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG4T0

Tgt Ion: 75 Resp: 338

Ion	Ratio	Lower	Upper
75	100		
155	0.0	57.4	86.0#
157	0.0	72.4	108.6#





#69
Naphthalene
Concen: 0.048 ug/L
RT: 14.07 min Scan# 3960
Delta R.T. 0.00 min
Lab File: VU041788.D
Acq: 23 Dec 2020 17:45

Tgt Ion:128 Resp: 1011

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	10.2	15.4#