Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100920\
Data File : VU040621.D
Acq On : 10 Oct 2020 06:20
Operator : SY/MD
Sample : L4352-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ13

Quant Time: Oct 10 07:41:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 05:58:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130142	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	130815	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55459	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	48115	4.46	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%				
7) Chloroethane-d5	1.92	69	41247	4.96	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%				
11) 1,1-Dichloroethene-d2	2.58	63	74240	3.52	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.40%				
20) 2-Butanone-d5	4.66	46	189778	55.00	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.00%				
24) Chloroform-d	5.08	84	95528	5.05	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%				
26) 1,2-Dichloroethane-d4	5.72	65	58379	5.06	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%				
32) Benzene-d6	5.75	84	177077	5.02	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%				
36) 1,2-Dichloropropane-d6	6.70	67	60982	5.21	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%				
41) Toluene-d8	7.91	98	138575	4.39	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.80%				
43) trans-1,3-Dichloropropene-	8.19	79	22591	4.55	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%				
46) 2-Hexanone-d5	8.64	63	128433	50.23	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.46%				
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52065	4.96	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%				
64) 1,2-Dichlorobenzene-d4	12.19	152	56398	5.48	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.60%				
Target Compounds							Qvalue
3) Chloromethane	1.53	50	1071	0.097	ug/L		99
5) Vinyl chloride	1.61	62	2660	0.229	ug/L	#	1
8) Chloroethane	1.94	64	485	0.066	ug/L	#	50
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	671	0.062	ug/L	#	20
12) 1,1-Dichloroethene	2.59	96	972	0.105	ug/L	#	1
18) trans-1,2-Dichloroethene	3.37	96	2166	0.223	ug/L		93
22) cis-1,2-Dichloroethene	4.69	96	154545	14.743	ug/L		98
25) Chloroform	5.10	83	1601	0.078	ug/L		90
27) 1,2-Dichloroethane	5.75	62	1227	0.084	ug/L	#	77
33) Benzene	5.74	78	1547	0.037	ug/L		100
34) Trichloroethene	6.56	95	1604	0.147	ug/L	#	80
35) Methylcyclohexane	6.70	83	14234	0.921	ug/L	#	14
37) 1,2-Dichloropropane	6.71	63	7108	0.607	ug/L	#	87
39) cis-1,3-Dichloropropene	7.57	75	1472	0.092	ug/L		88
42) Toluene	7.98	91	4909	0.115	ug/L		93
44) trans-1,3-Dichloropropene	8.18	75	975	0.066	ug/L		88
48) 2-Hexanone	8.64	43	17852	2.568	ug/L	#	73

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100920\
Data File : VU040621.D
Acq On : 10 Oct 2020 06:20
Operator : SY/MD
Sample : L4352-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ13

Quant Time: Oct 10 07:41:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 05:58:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Ethylbenzene	9.57	91	2435	0.053	ug/L		89
53) m,p-Xylene	9.70	106	3855	0.228	ug/L		90
59) 1,2,3-Trichloropropane	11.81	75	7554	0.878	ug/L	#	85

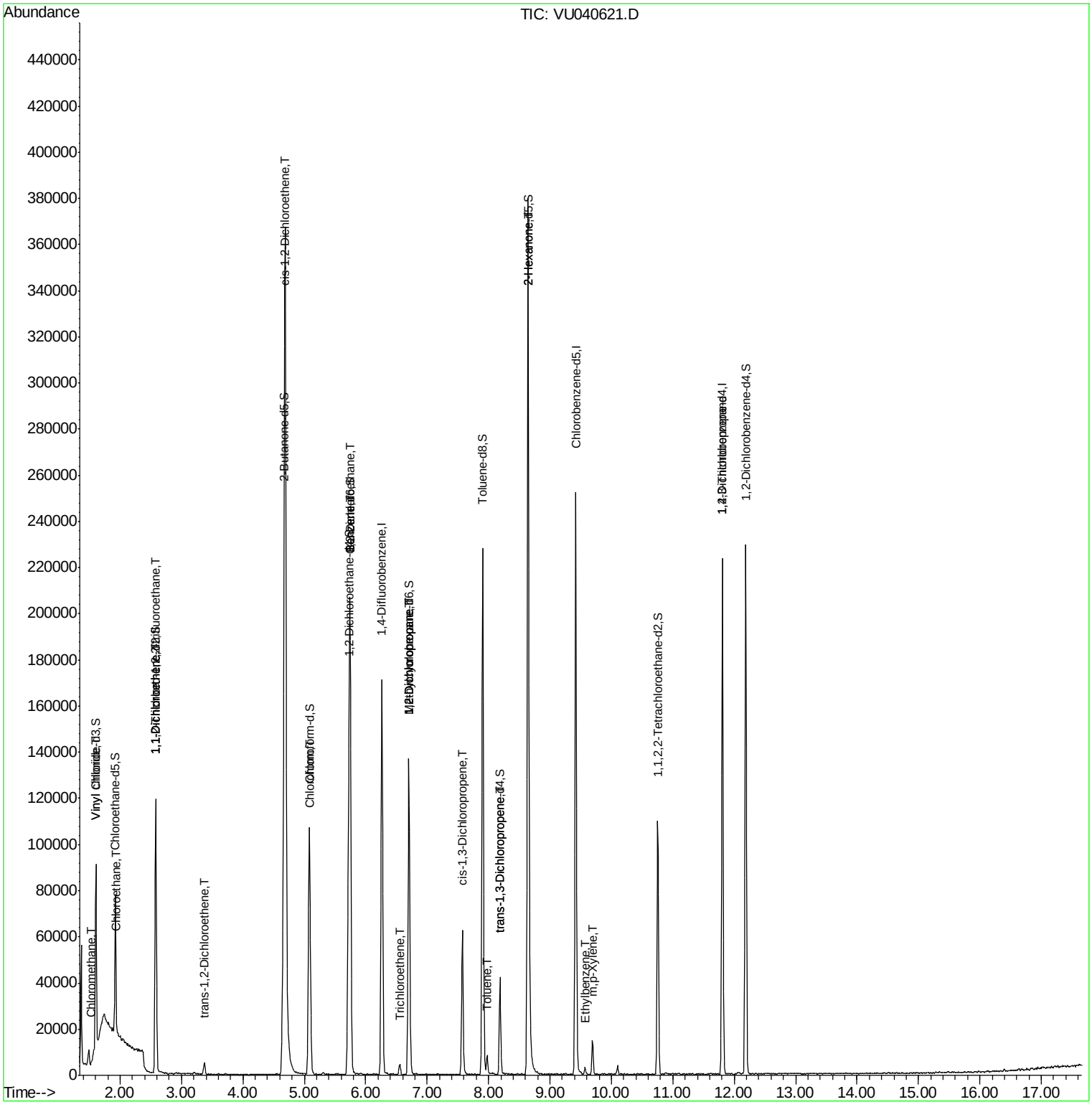
(#) = qualifier out of range (m) = manual integration (+) = signals summed

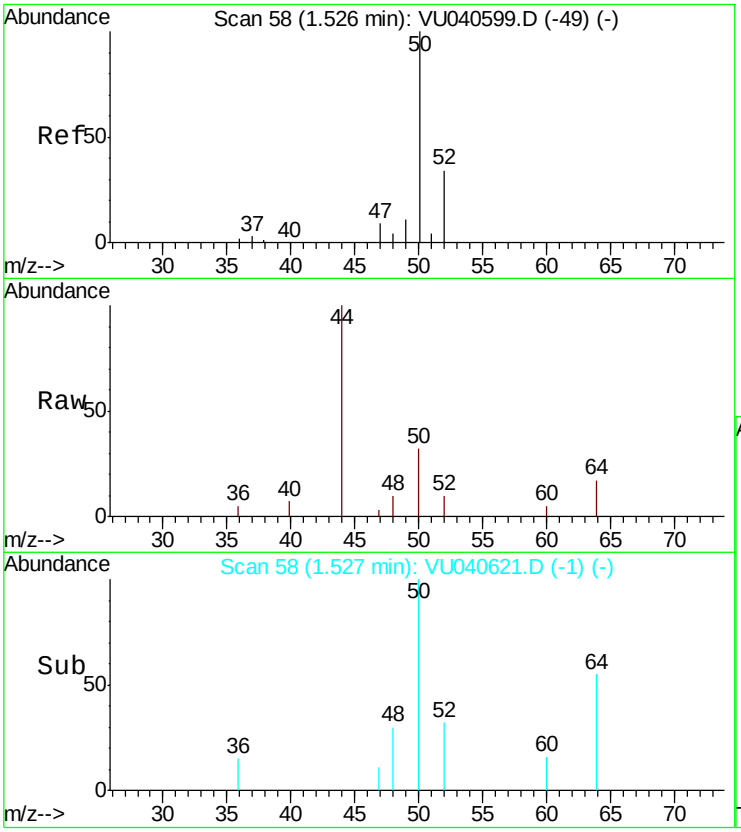
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100920\
Data File : VU040621.D
Acq On : 10 Oct 2020 06:20
Operator : SY/MD
Sample : L4352-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ13

Quant Time: Oct 10 07:41:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 05:58:50 2020
Response via : Initial Calibration



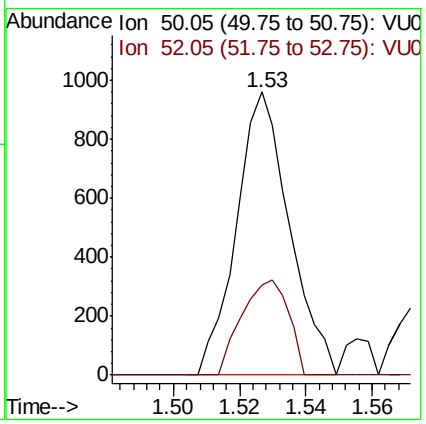


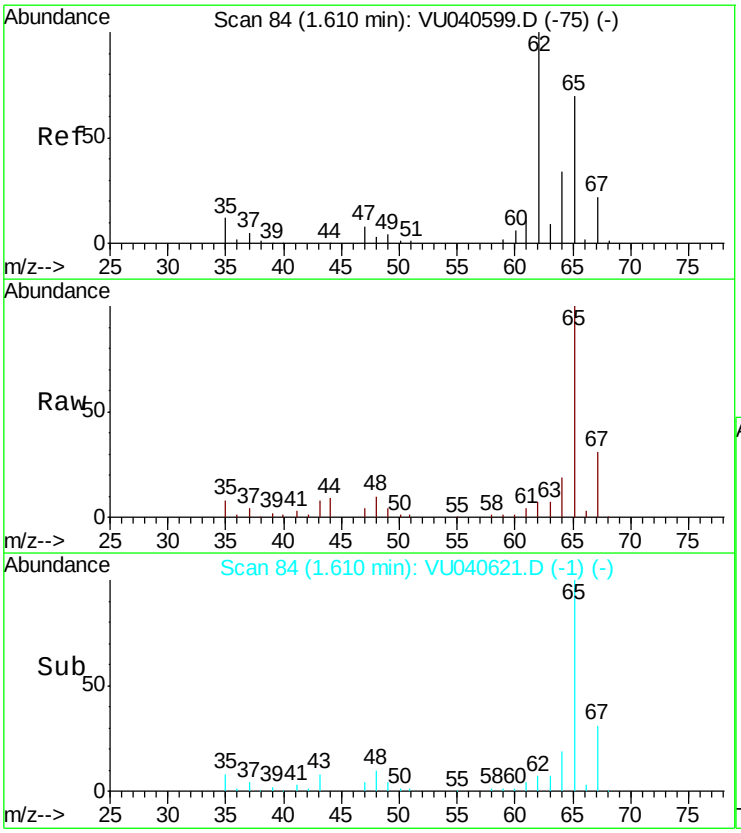
#3
Chloromethane
Concen: 0.097 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Instrument :
MSVOA_U
ClientSampleId :
ETZ13

Tgt Ion: 50 Resp: 1071

Ion	Ratio	Lower	Upper
50	100		
52	31.7	21.9	40.7

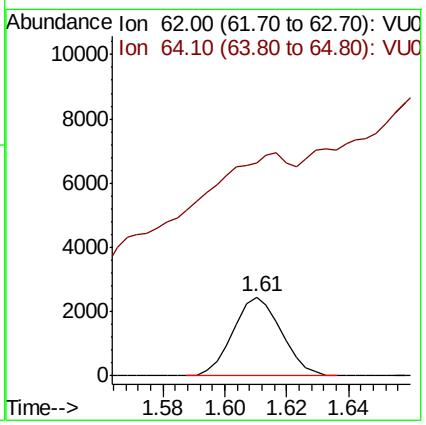


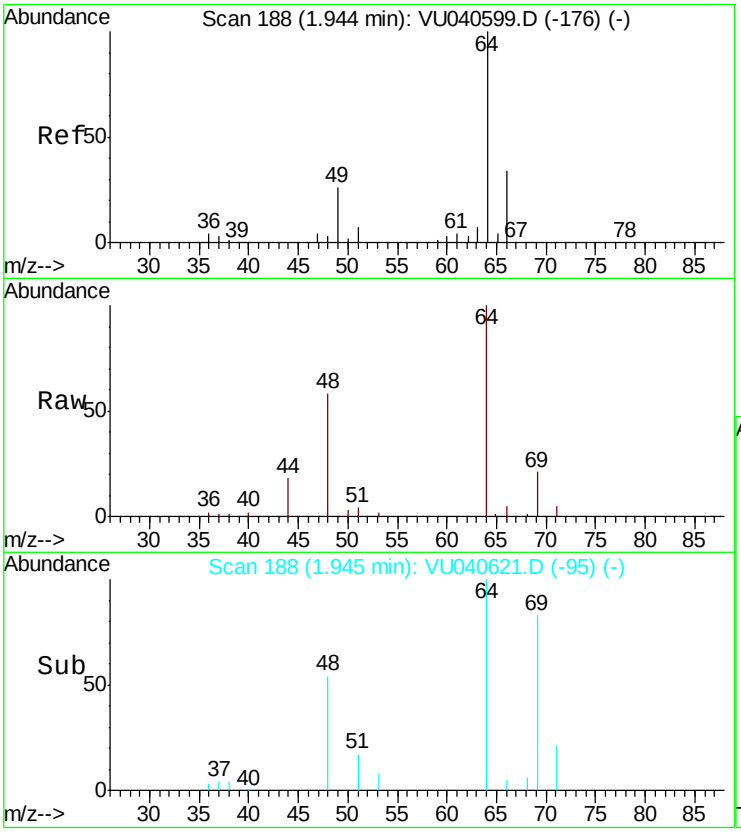


#5
Vinyl chloride
Concen: 0.229 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Tgt Ion: 62 Resp: 2660

Ion	Ratio	Lower	Upper
62	100		
64	270.0	23.7	44.1#



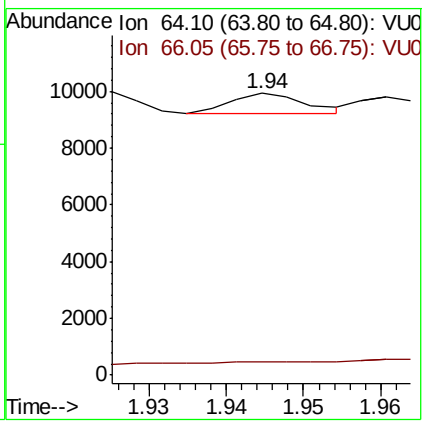


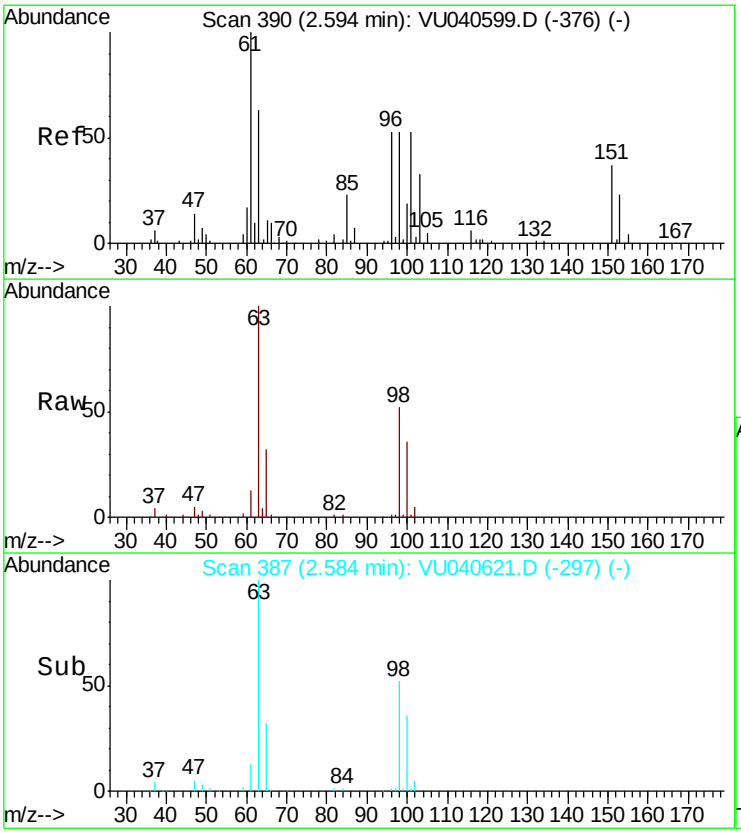
#8
Chloroethane
Concen: 0.066 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Instrument :
MSVOA_U
ClientSampleId :
ETZ13

Tgt Ion: 64 Resp: 485

Ion	Ratio	Lower	Upper
64	100		
66	4.8	23.3	43.3#

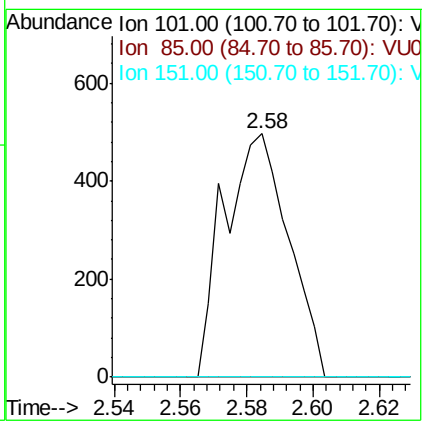


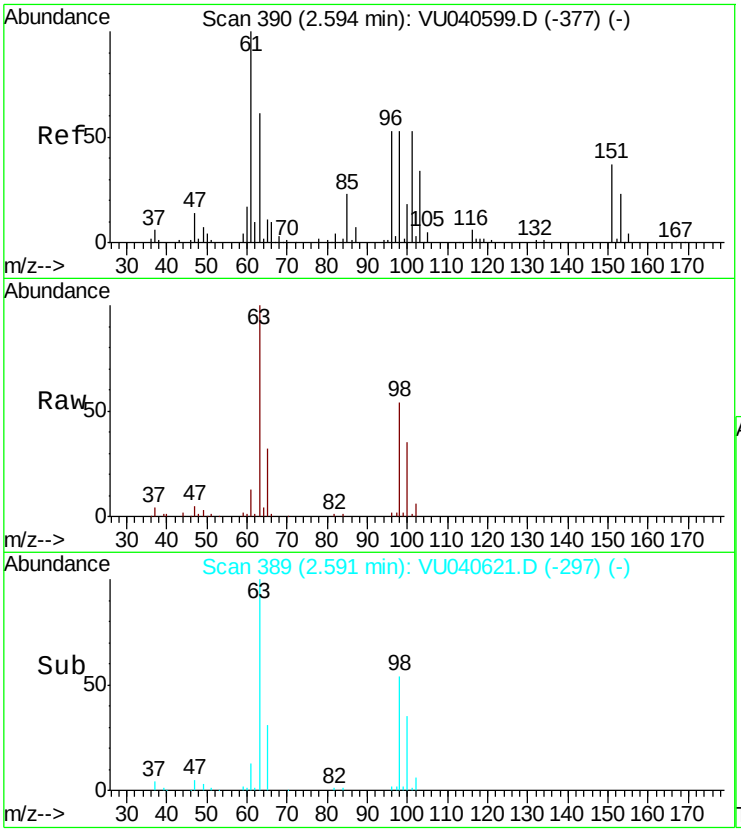


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Tgt Ion:101 Resp: 671

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



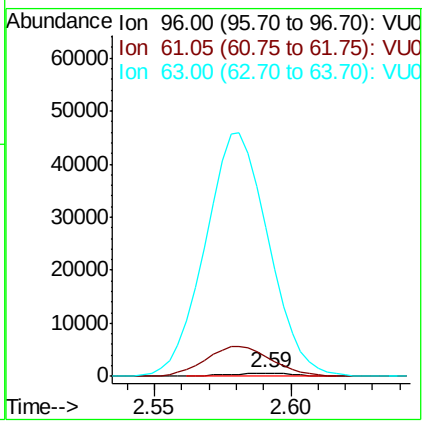


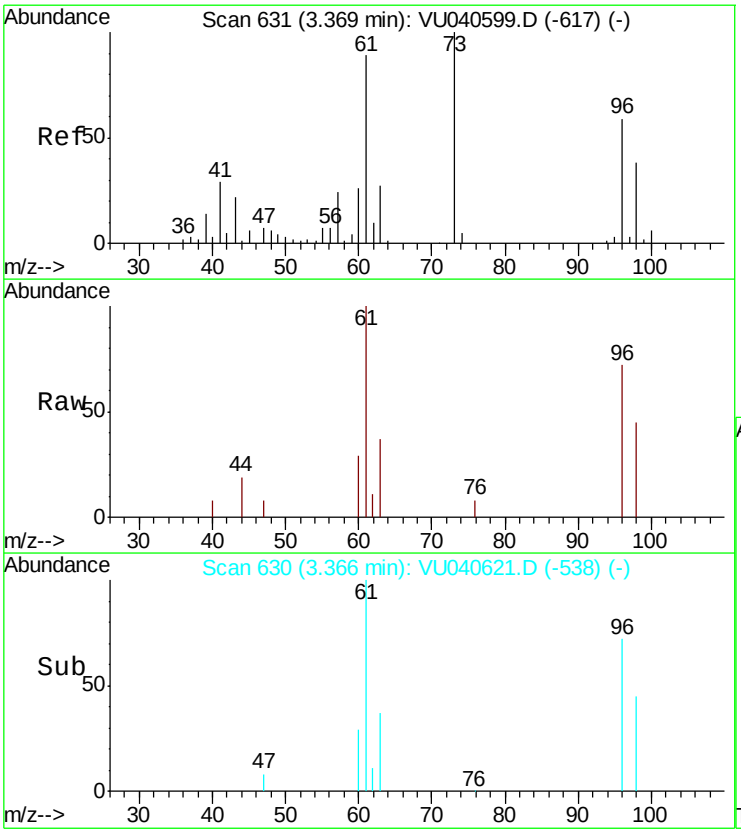
#12
1,1-Dichloroethene
Concen: 0.105 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Instrument : MSVOA_U
ClientSampleId : ETZ13

Tgt Ion: 96 Resp: 972

Ion	Ratio	Lower	Upper
96	100		
61	609.6	128.8	239.2#
63	4518.3	84.6	157.2#

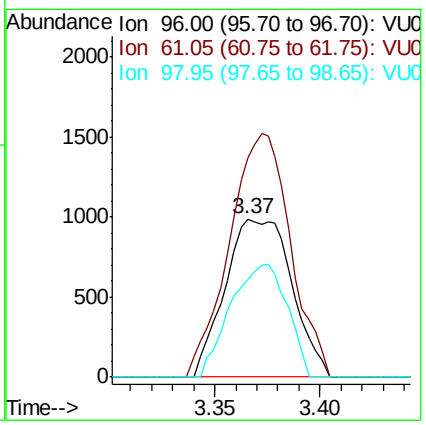


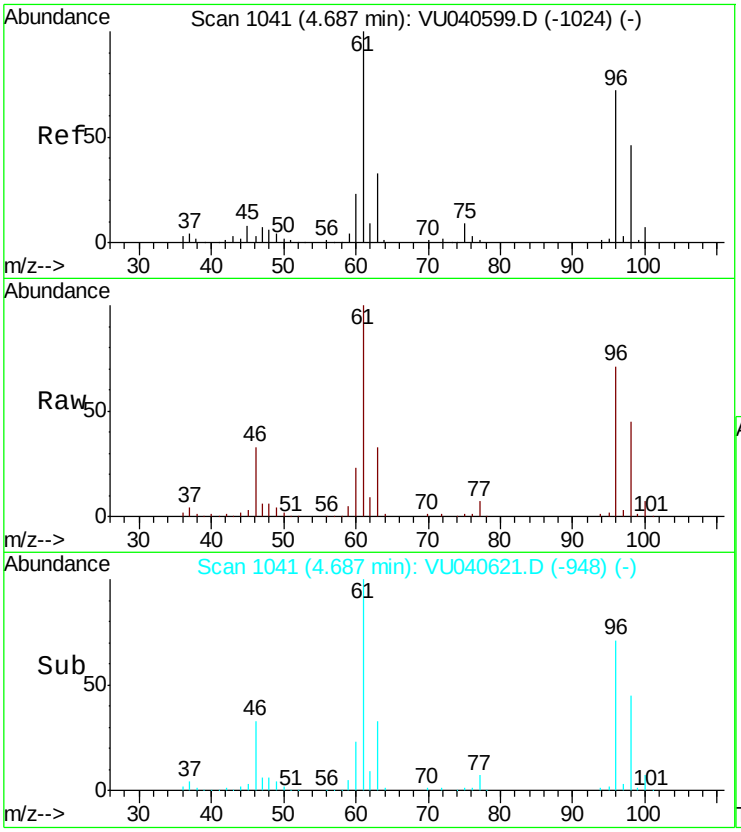


#18
trans-1,2-Dichloroethene
Concen: 0.223 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Tgt Ion: 96 Resp: 2166

Ion	Ratio	Lower	Upper
96	100		
61	138.7	105.9	196.7
98	61.8	43.8	81.3



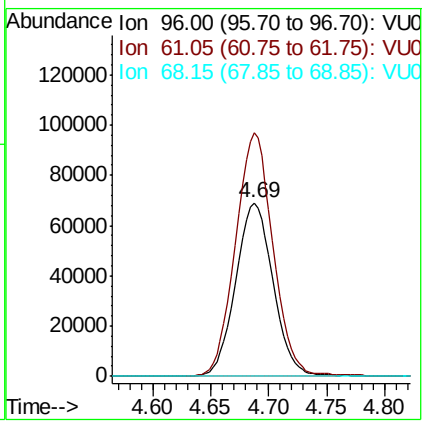


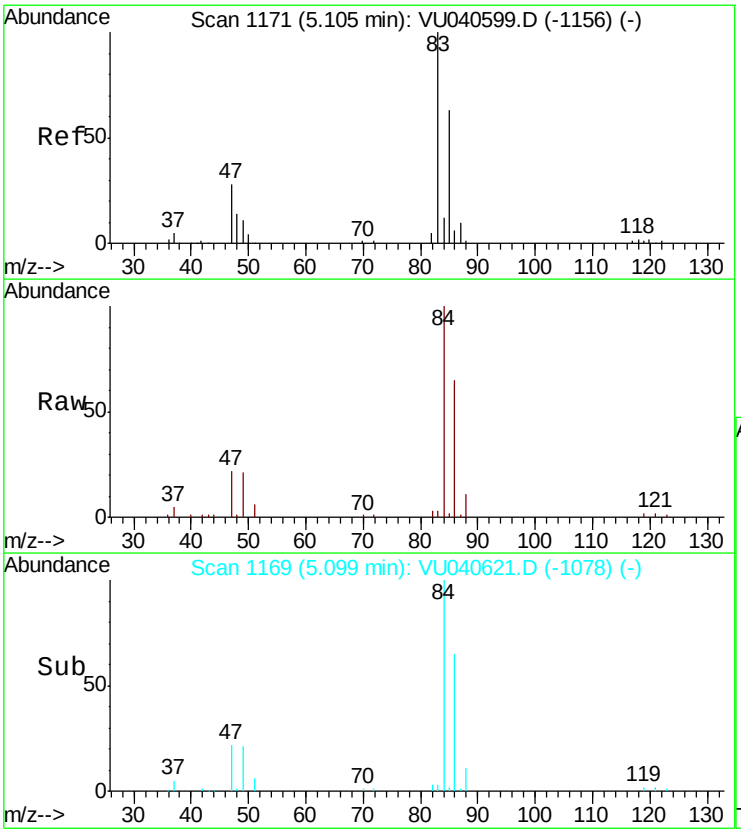
#22
cis-1,2-Dichloroethene
Concen: 14.743 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Instrument :
MSVOA_U
ClientSampleId :
ETZ13

Tgt Ion: 96 Resp: 154545

Ion	Ratio	Lower	Upper
96	100		
61	140.4	99.8	185.4
68	0.0	0.0	0.0

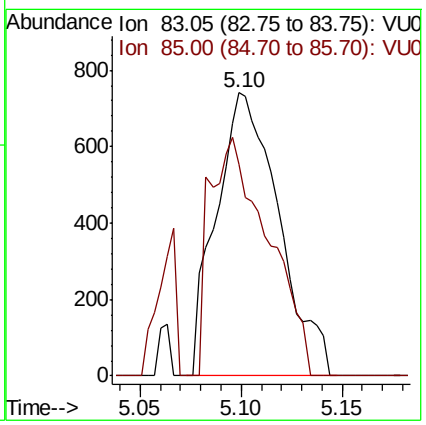


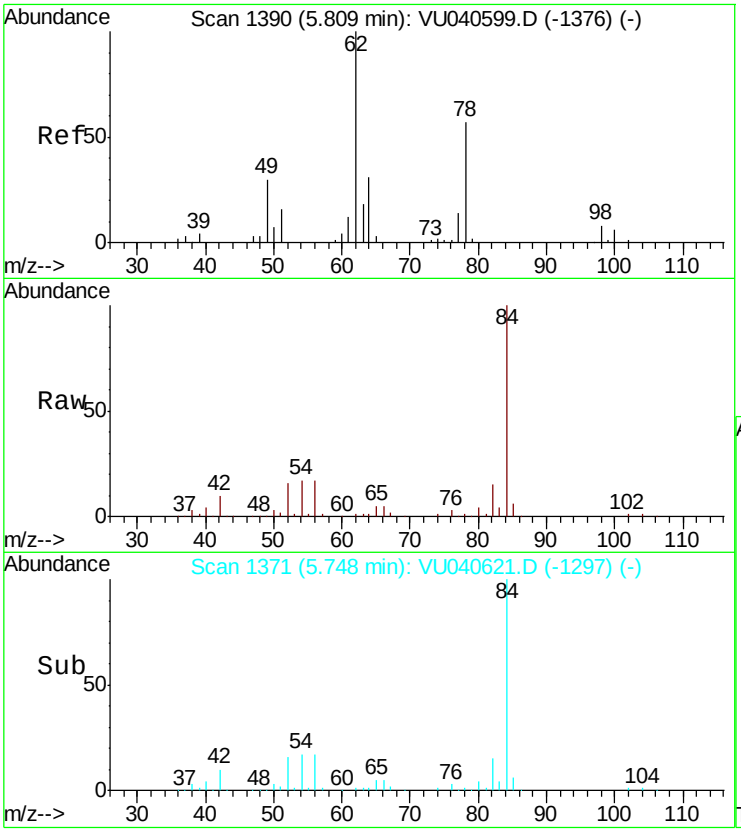


#25
Chloroform
Concen: 0.078 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Tgt Ion: 83 Resp: 1601

Ion	Ratio	Lower	Upper
83	100		
85	74.8	46.5	86.5



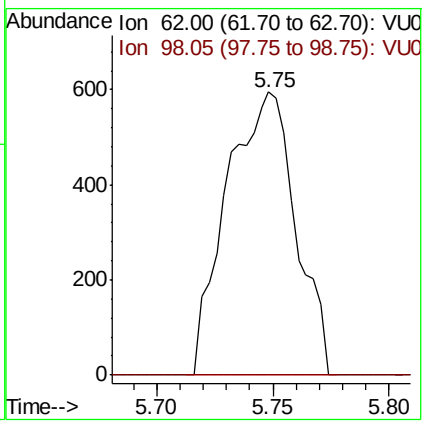


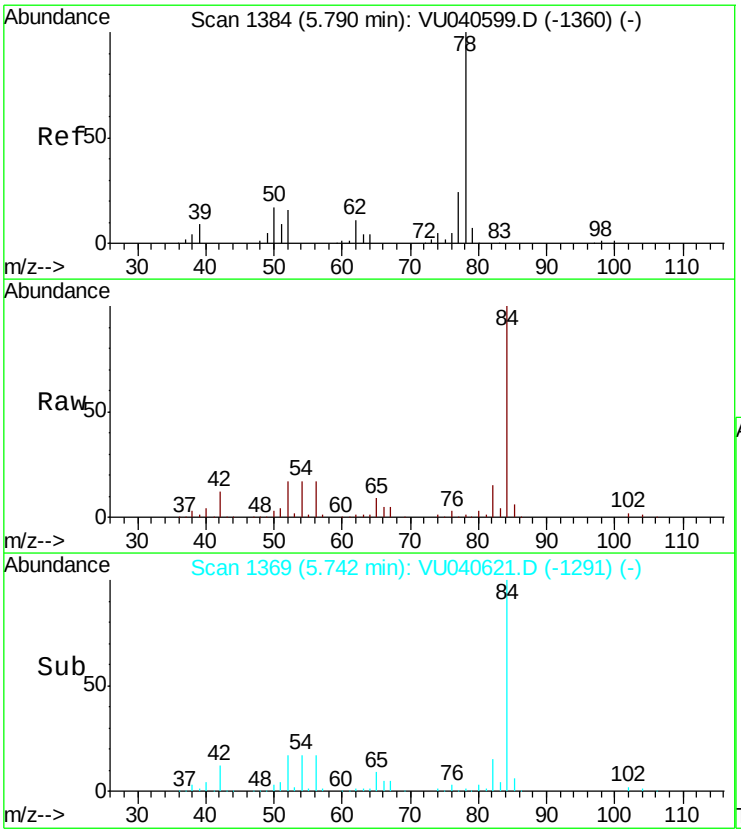
#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Instrument :
MSVOA_U
ClientSampleId :
ETZ13

Tgt Ion: 62 Resp: 1227

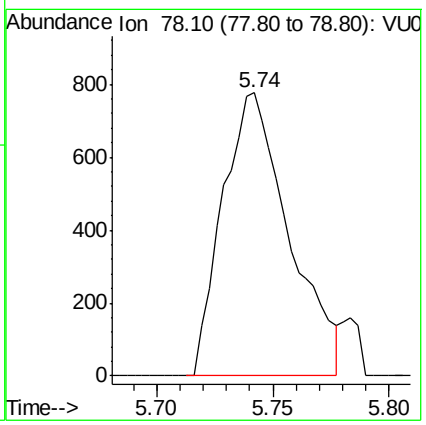
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

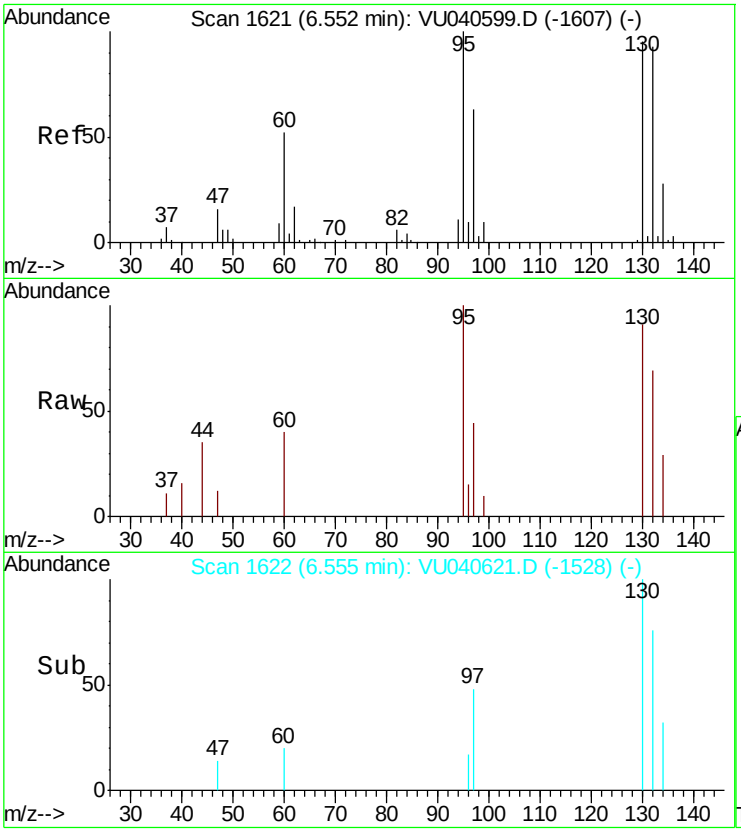




#33
Benzene
Concen: 0.037 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.05 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Tgt Ion: 78 Resp: 1547



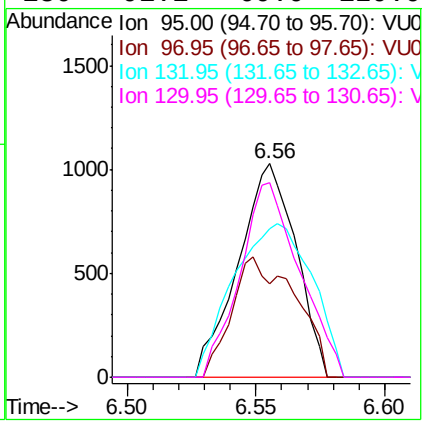


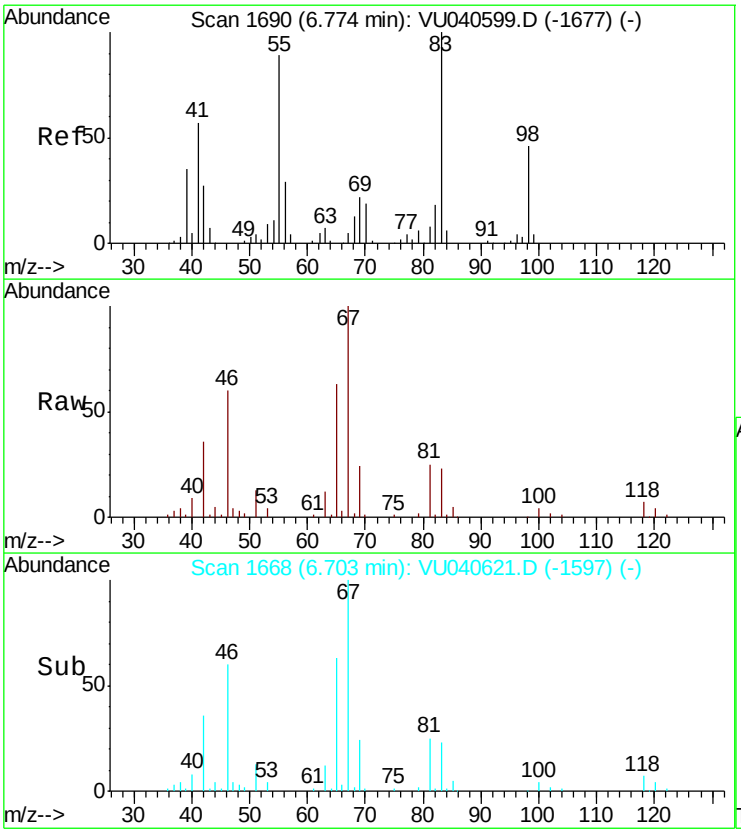
#34
Trichloroethene
Concen: 0.147 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Instrument :
MSVOA_U
ClientSampleId :
ETZ13

Tgt Ion: 95 Resp: 1604

Ion	Ratio	Lower	Upper
95	100		
97	43.9	45.5	84.5#
132	69.4	67.5	125.4
130	91.1	69.9	129.9

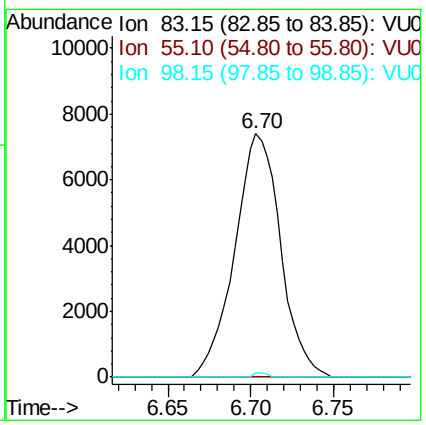


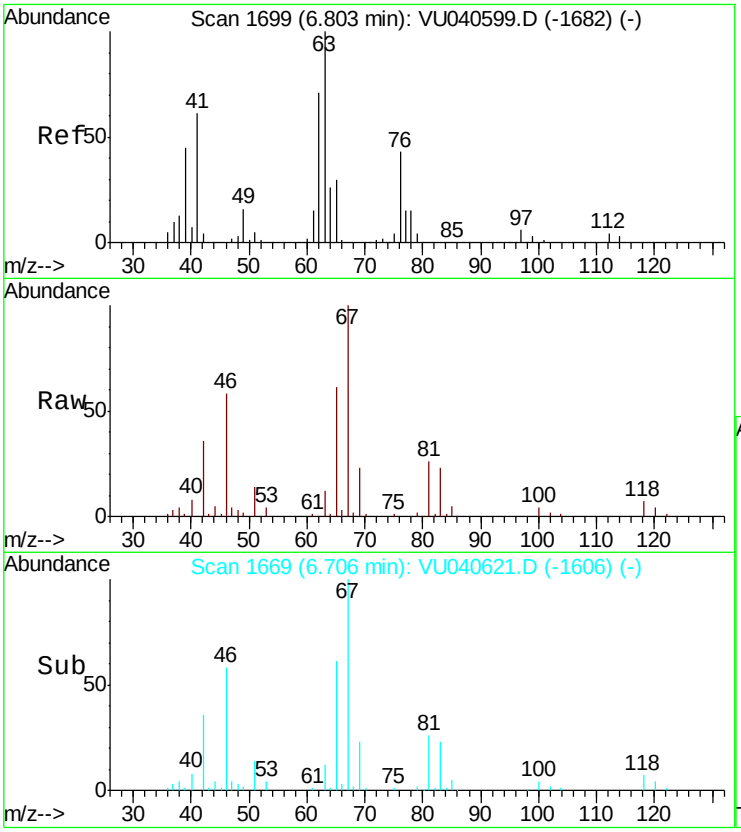


#35
Methylcyclohexane
Concen: 0.921 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Tgt Ion: 83 Resp: 14234

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.5	38.4	57.6#



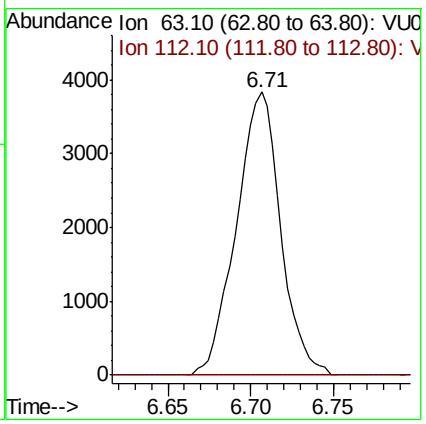


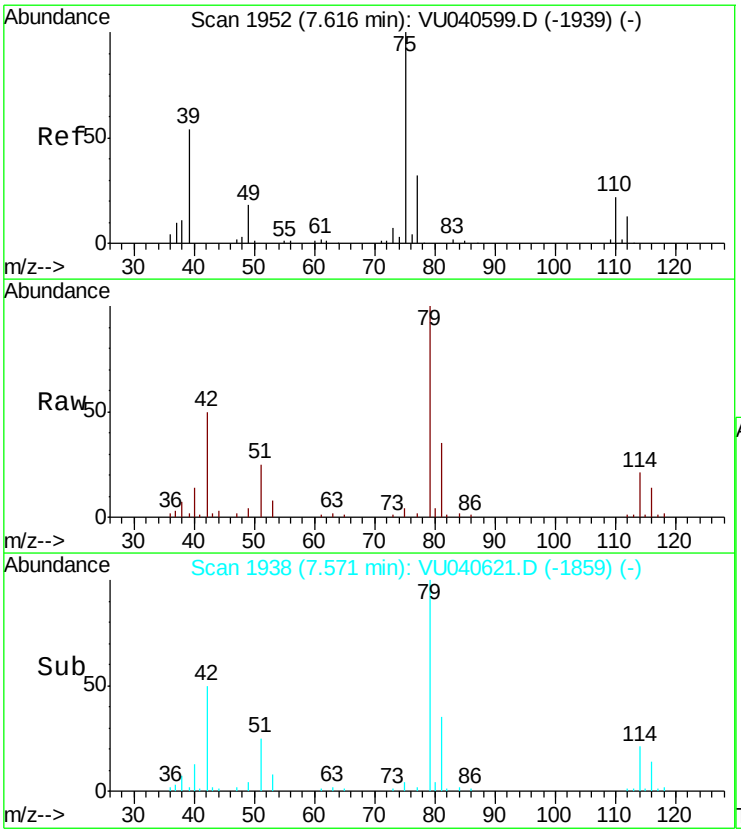
#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Instrument : MSVOA_U
ClientSampleId : ETZ13

Tgt Ion: 63 Resp: 7108

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

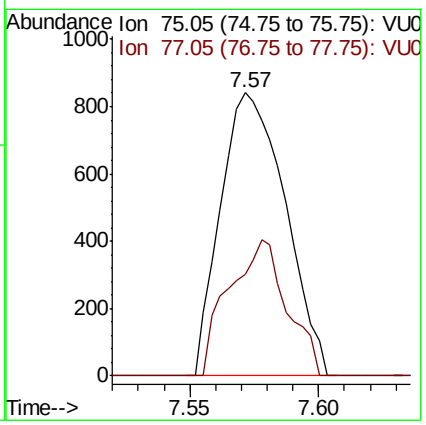


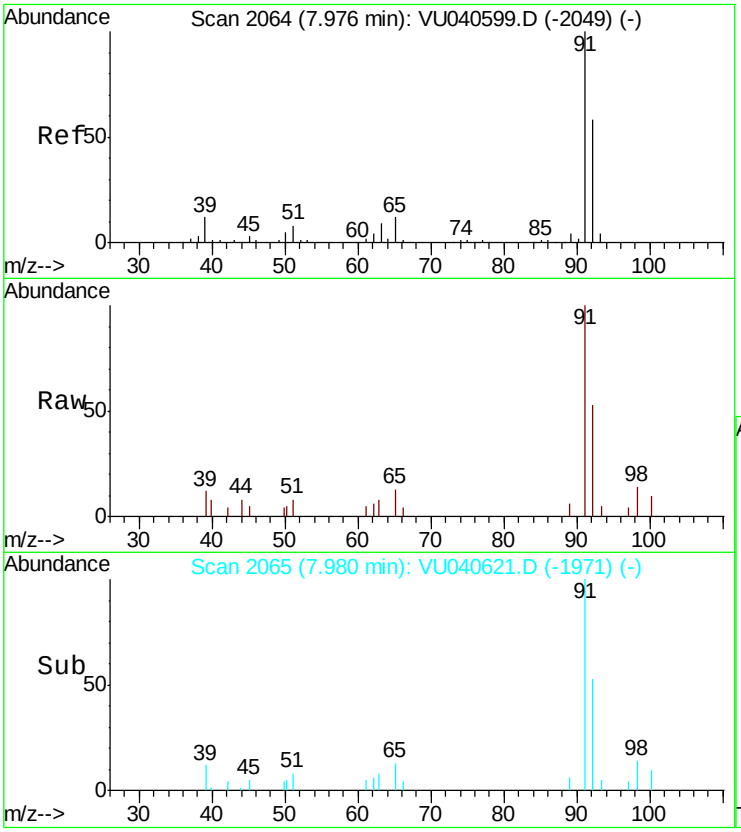


#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Tgt Ion: 75 Resp: 1472

Ion	Ratio	Lower	Upper
75	100		
77	35.8	20.5	38.1



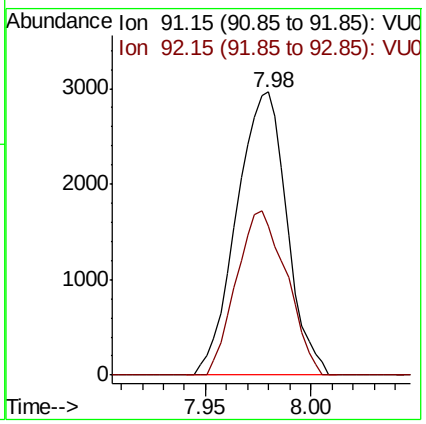


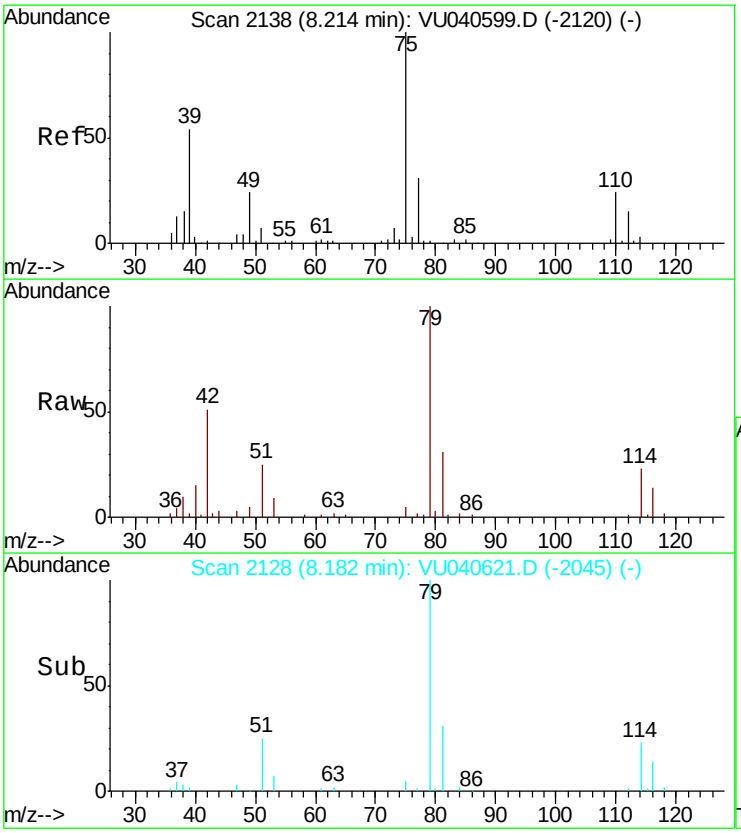
#42
Toluene
Concen: 0.115 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Instrument :
MSVOA_U
ClientSampleId :
ETZ13

Tgt Ion: 91 Resp: 4909

Ion	Ratio	Lower	Upper
91	100		
92	52.5	40.2	74.6

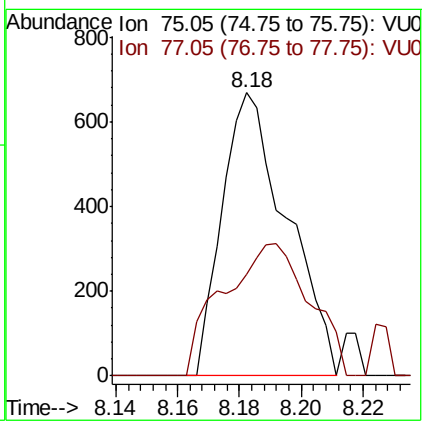


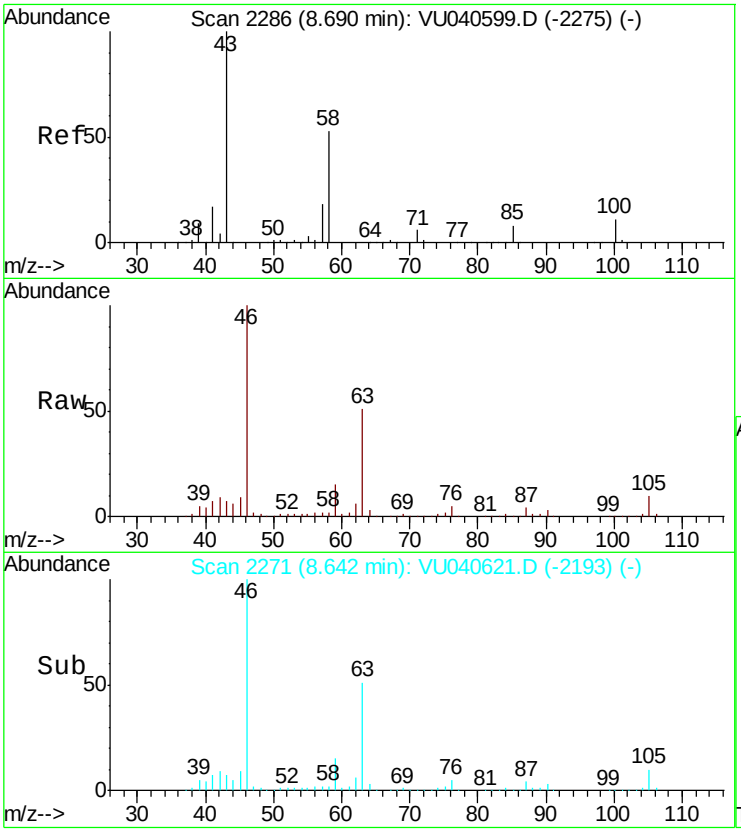


#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Tgt Ion: 75 Resp: 975

Ion	Ratio	Lower	Upper
75	100		
77	35.8	20.4	38.0



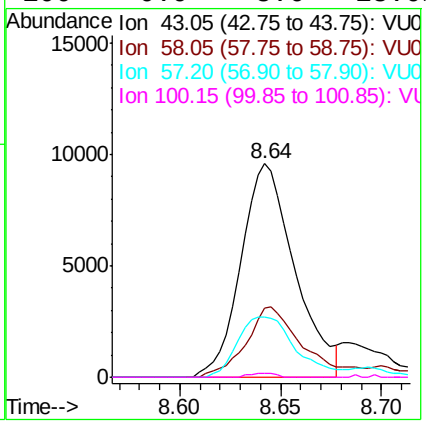


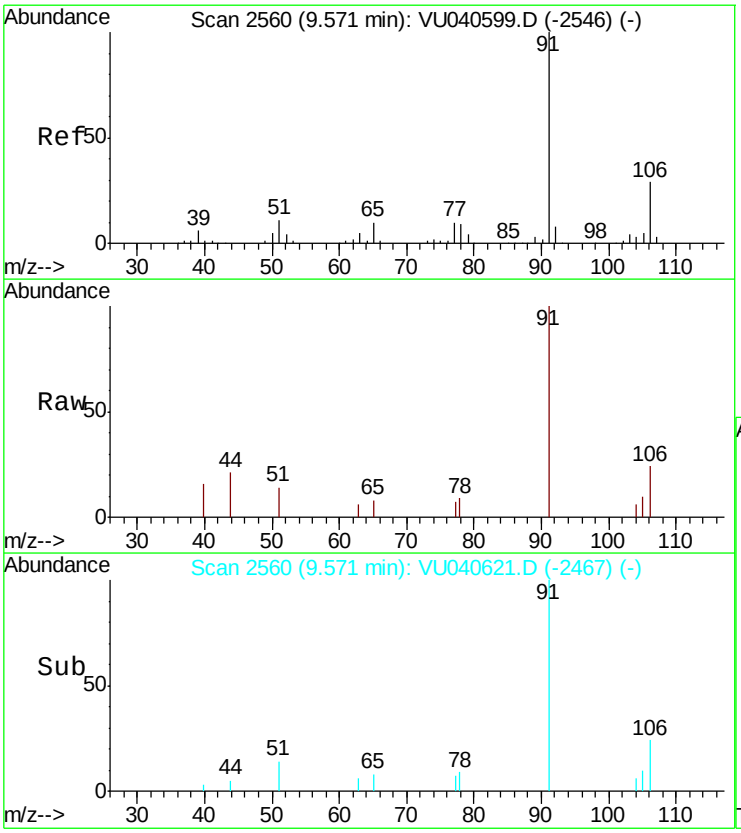
#48
2-Hexanone
Concen: 2.568 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Instrument : MSVOA_U
ClientSampleId : ETZ13

Tgt Ion: 43 Resp: 17852

Ion	Ratio	Lower	Upper
43	100		
58	33.0	41.0	61.6#
57	30.5	14.4	21.6#
100	0.9	8.6	13.0#

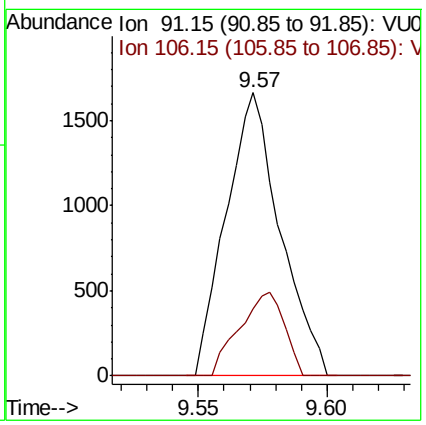


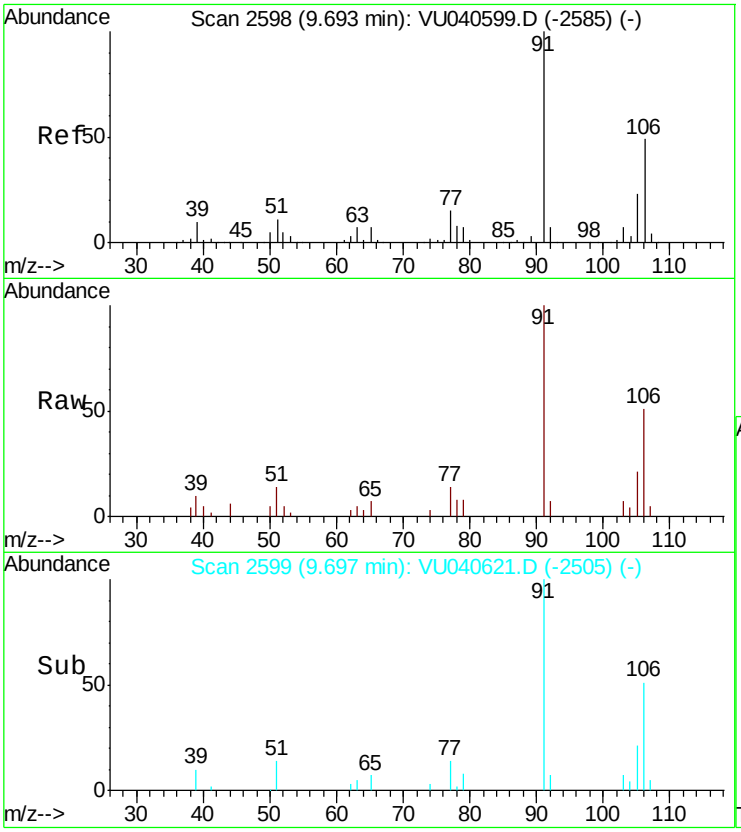


#52
Ethylbenzene
Concen: 0.053 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Tgt Ion: 91 Resp: 2435

Ion	Ratio	Lower	Upper
91	100		
106	23.6	20.7	38.5



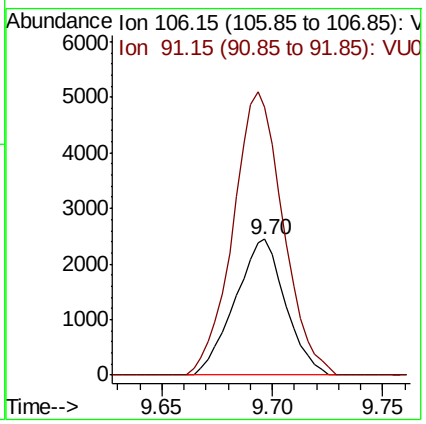


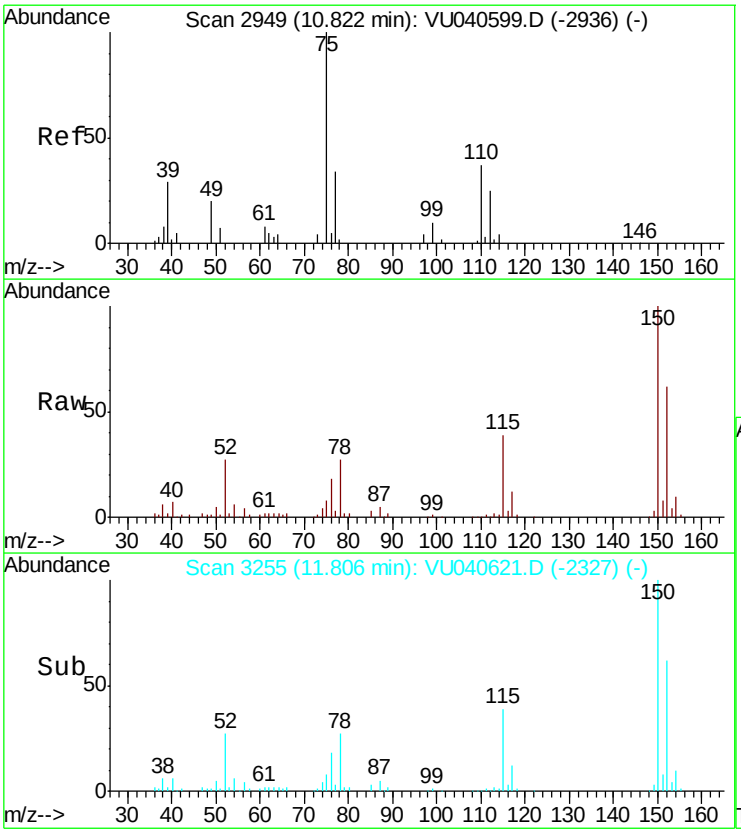
#53
m,p-Xylene
Concen: 0.228 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Instrument : MSVOA_U
ClientSampleId : ETZ13

Tgt Ion:106 Resp: 3855

Ion	Ratio	Lower	Upper
106	100		
91	196.8	148.5	275.7





#59
1,2,3-Trichloropropane
Concen: 0.878 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040621.D
Acq: 10 Oct 2020 06:20

Tgt Ion: 75 Resp: 7554

Ion	Ratio	Lower	Upper
75	100		
77	41.3	26.4	39.6#