

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
 Data File : VU038103.D
 Acq On : 11 May 2020 14:08
 Operator : JC/MD
 Sample : L2578-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF1

Manual Integrations
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Quant Time: May 12 01:55:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 12 01:10:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	721296	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	710763	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	335984	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	223554	35.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.48%
7) Chloroethane-d5	1.93	69	206946	40.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.59	63	403394	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.74%
21) 2-Butanone-d5	4.66	46	455034	91.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.76%
24) Chloroform-d	5.10	84	413482	42.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.18%
26) 1,2-Dichloroethane-d4	5.74	65	291783	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
32) Benzene-d6	5.76	84	879966	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.72	67	306646	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.30%
41) Toluene-d8	7.92	98	799002	41.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.16%
43) trans-1,3-Dichloropropene-	8.20	79	138066	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.65	63	289051	95.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	436662	43.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.26%
64) 1,2-Dichlorobenzene-d4	12.20	152	304230	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	39203	5.425	ug/L 85
8) Chloroethane	1.95	64	32025	7.369	ug/L 96
12) 1,1-Dichloroethene	2.61	96	191902	40.622	ug/L 99
13) Acetone	2.65	43	6093	1.908	ug/L 94
19) 1,1-Dichloroethane	3.91	63	4239303	417.244	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	47808	8.477	ug/L 94
22) 2-Butanone	4.75	43	14640m	2.832	ug/L
30) 1,1,1-Trichloroethane	5.35	97	10976128	1389.270	ug/L 98
33) Benzene	5.81	78	48086	2.164	ug/L 100
48) 2-Hexanone	8.71	43	45953	5.793	ug/L 93
51) Chlorobenzene	9.47	112	66662	4.586	ug/L 93
65) 1,2-Dichlorobenzene	12.22	146	23542	2.169	ug/L 94

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

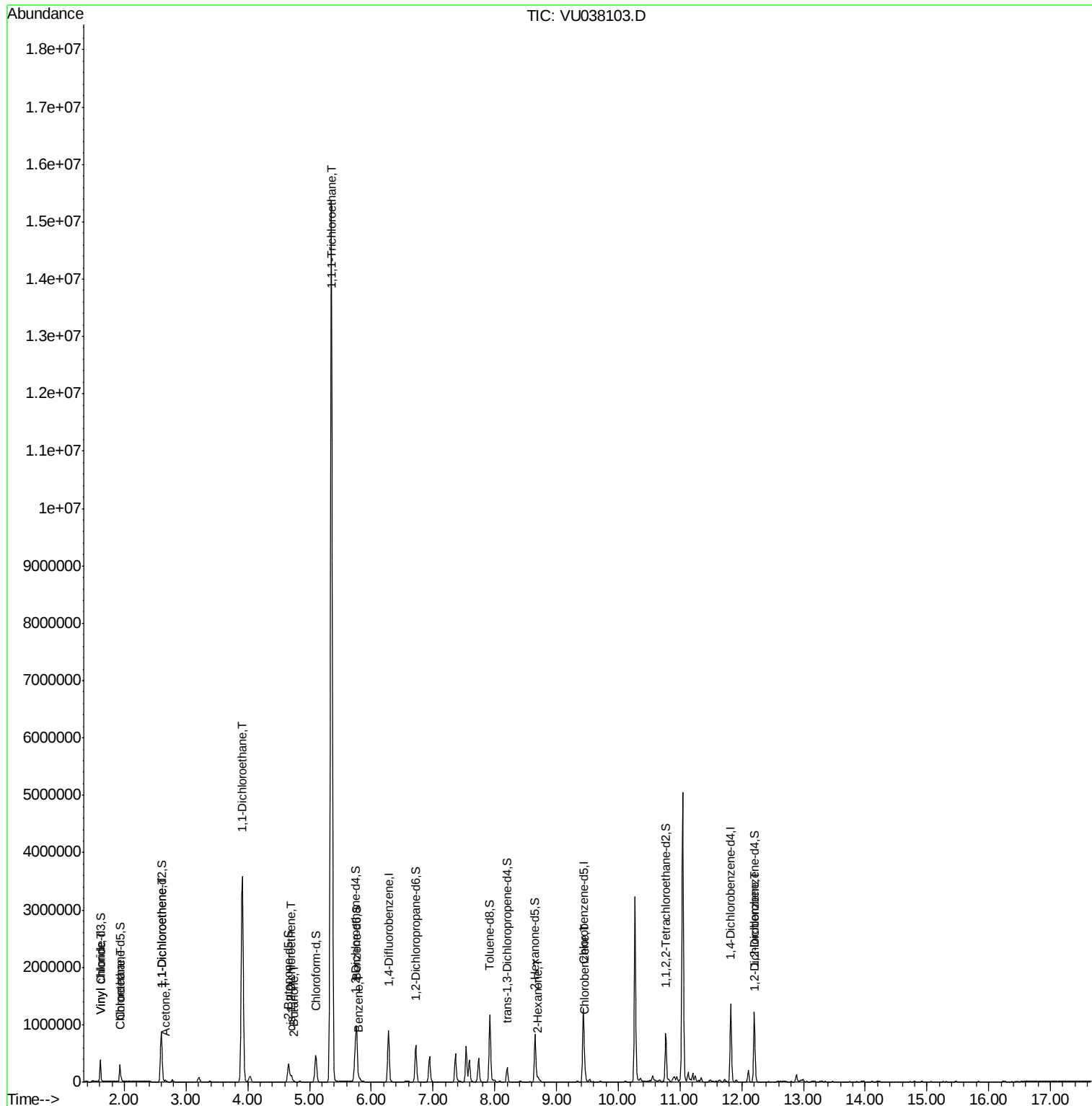
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051120\
Data File : VU038103.D
Acq On : 11 May 2020 14:08
Operator : JC/MD
Sample : L2578-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

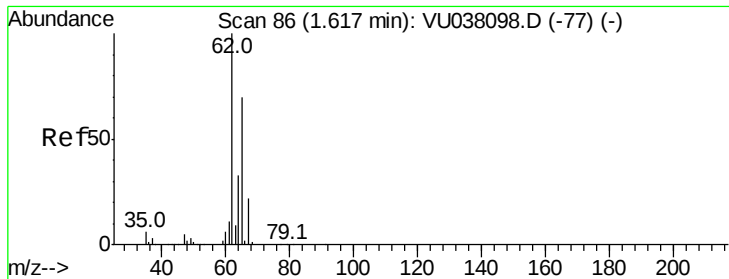
Instrument :
MSVOA_U
ClientSampleId :
BFSF1

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Quant Time: May 12 01:55:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 12 01:10:23 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.425 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038103.D

Acq: 11 May 2020 14:08

Instrument :

MSVOA_U

ClientSampled :

BFSF1

Tot Ion: 62 Resp: 39203

Ion Ratio Lower Upper

62 100

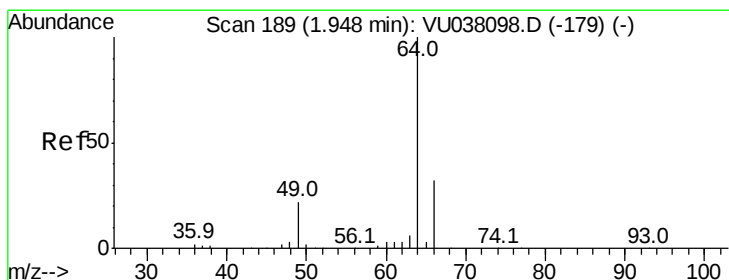
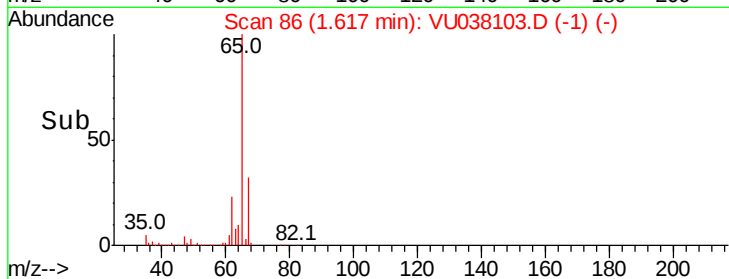
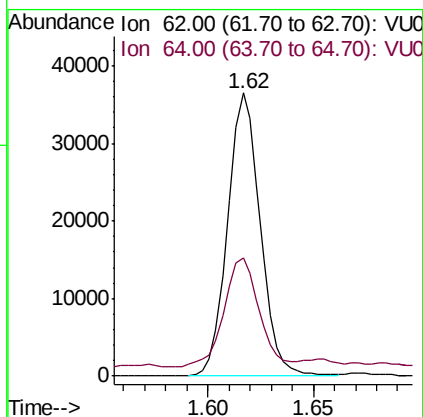
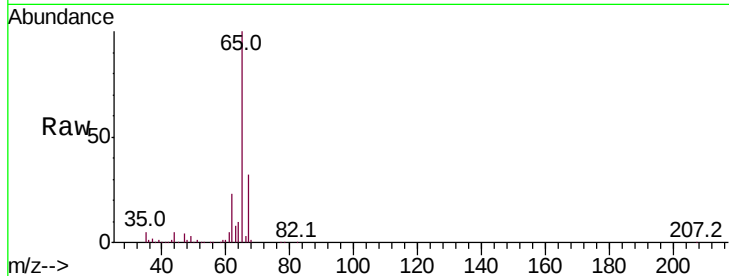
64 41.8 23.2 43.2

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#8

Chloroethane

Concen: 7.369 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038103.D

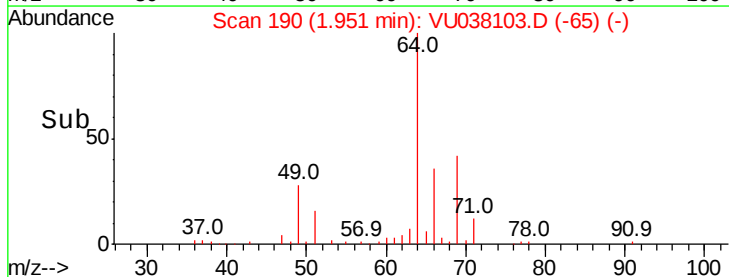
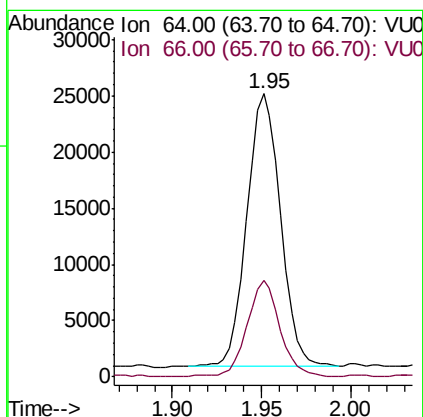
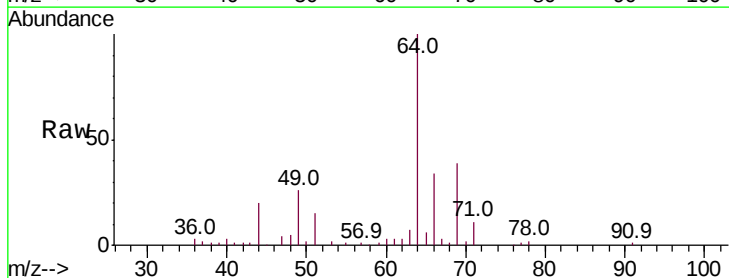
Acq: 11 May 2020 14:08

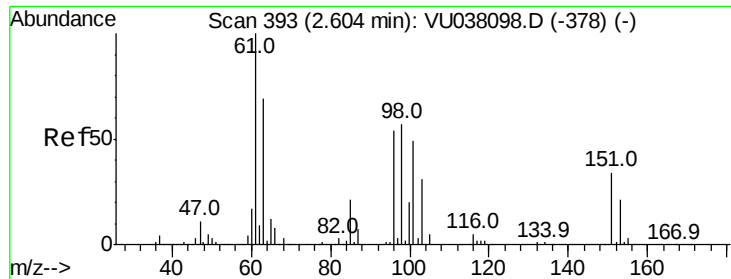
Tgt Ion: 64 Resp: 32025

Ion Ratio Lower Upper

64 100

66 34.2 22.5 41.7





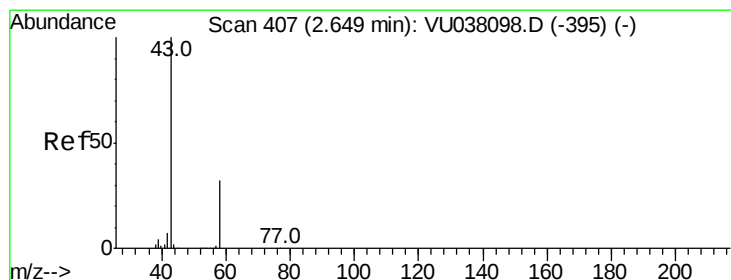
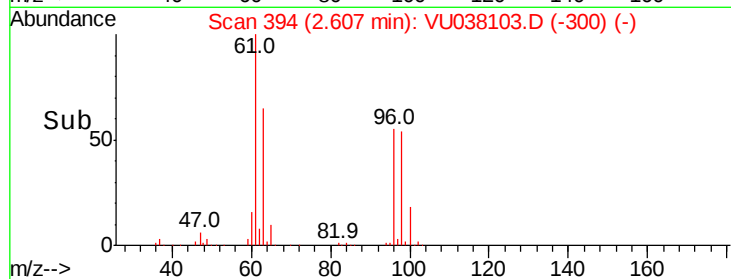
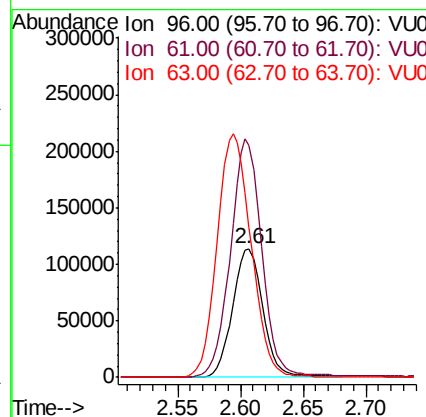
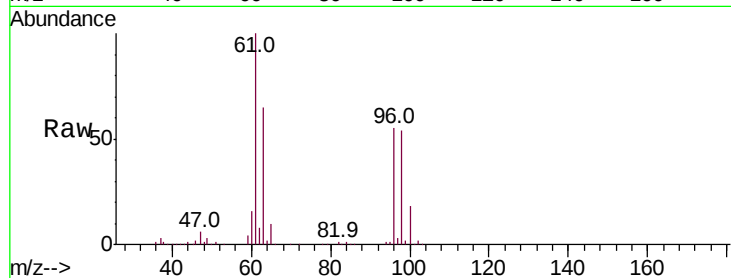
#12
 1,1-Dichloroethene
 Concen: 40.622 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU038103.D
 Acq: 11 May 2020 14:08

Instrument :
 MSVOA_U
 ClientSampled :
 BFSF1

Tot Ion	Ratio	Lower	Upper
96	100		
61	180.6	126.1	234.3
63	116.7	83.4	154.8

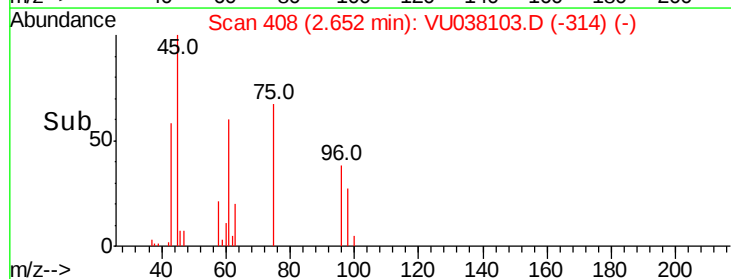
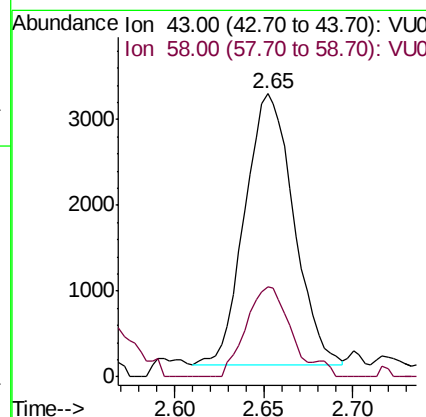
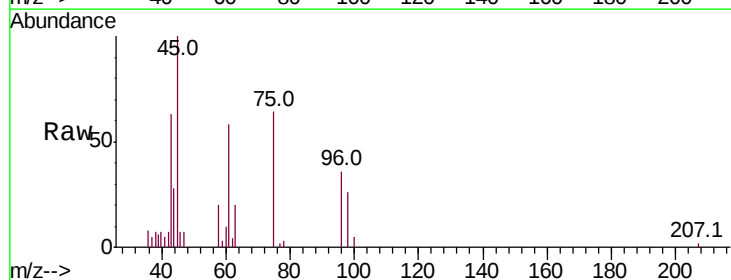
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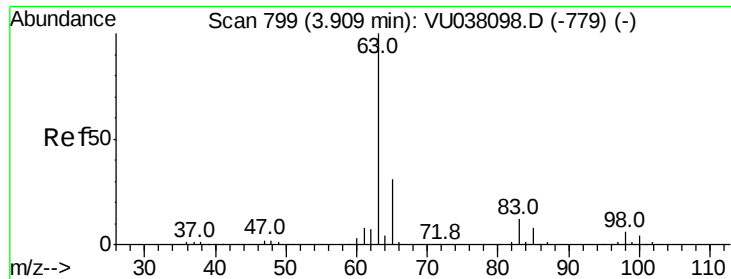
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#13
 Acetone
 Concen: 1.908 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VU038103.D
 Acq: 11 May 2020 14:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	64.4





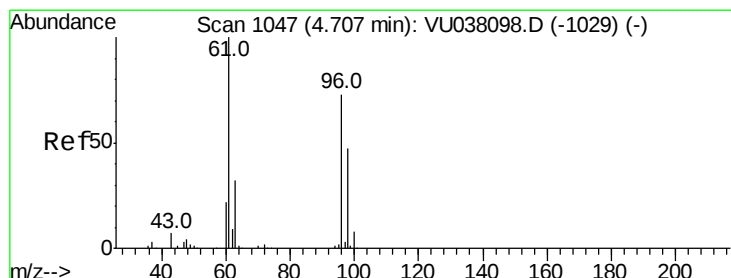
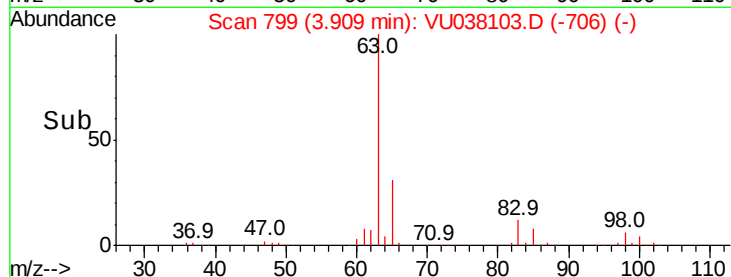
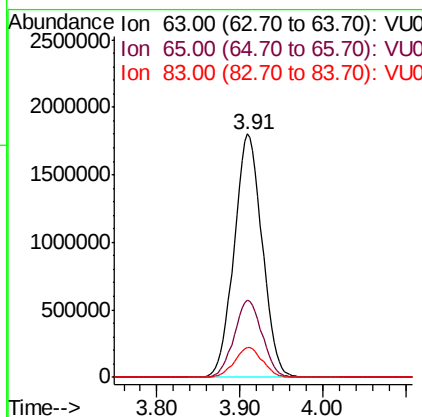
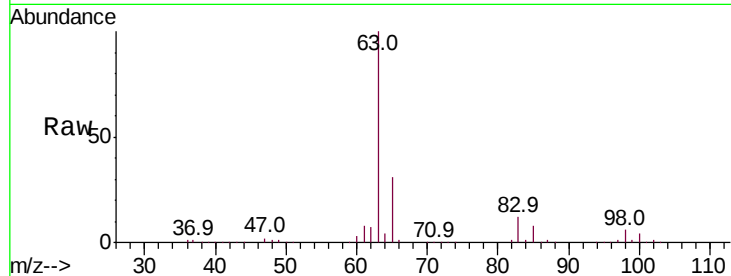
#19
 1,1-Dichloroethane
 Concen: 417.244 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU038103.D
 Acq: 11 May 2020 14:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF1

Tot Ion	63	Resp	4239303
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.5	41.7
83	12.3	8.5	15.7

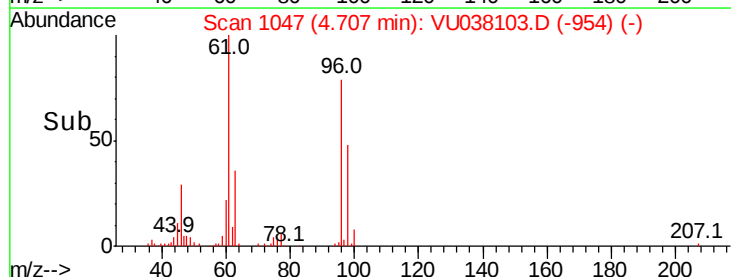
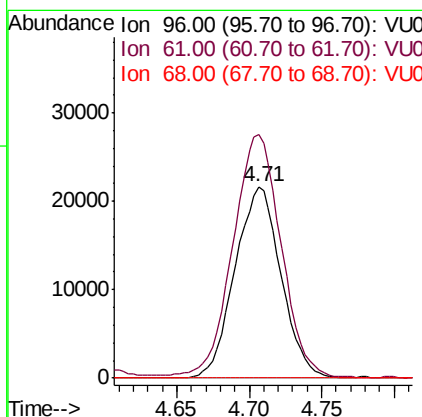
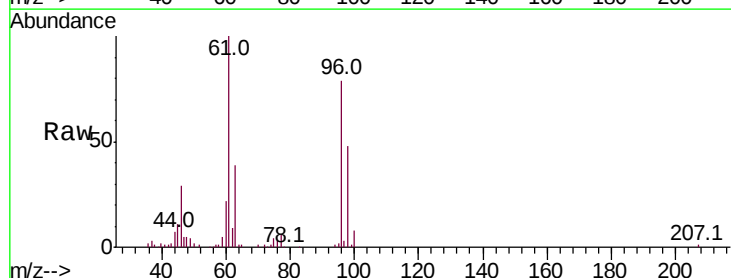
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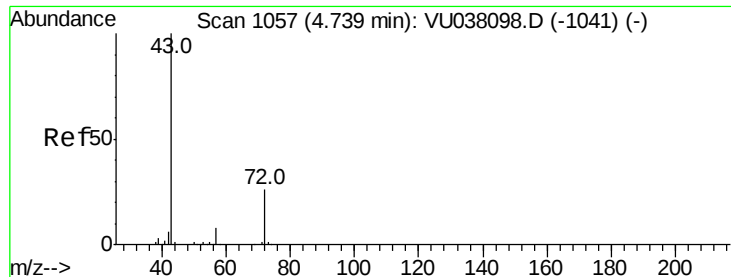
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#20
 cis-1,2-Dichloroethene
 Concen: 8.477 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU038103.D
 Acq: 11 May 2020 14:08

Tgt Ion	96	Resp	47808
Ion	Ratio	Lower	Upper
96	100		
61	127.1	93.9	174.3
68	0.0	0.0	0.0





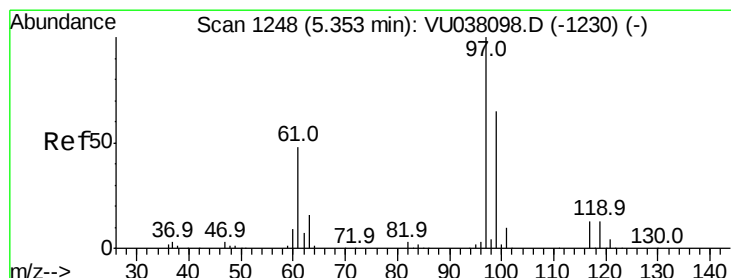
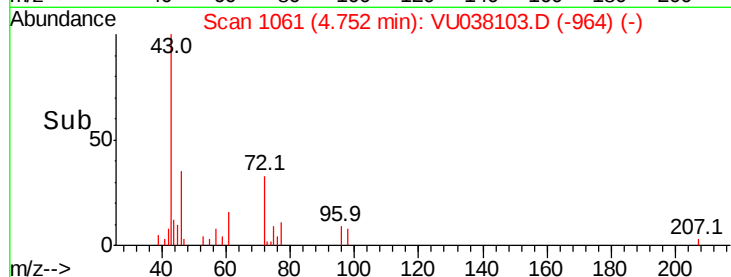
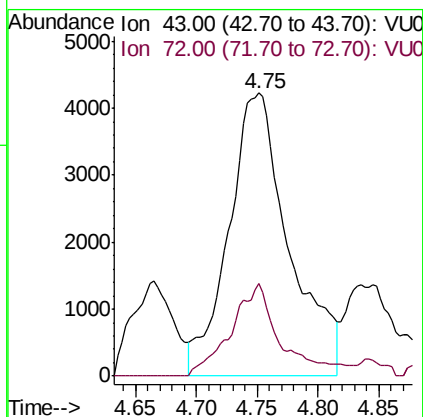
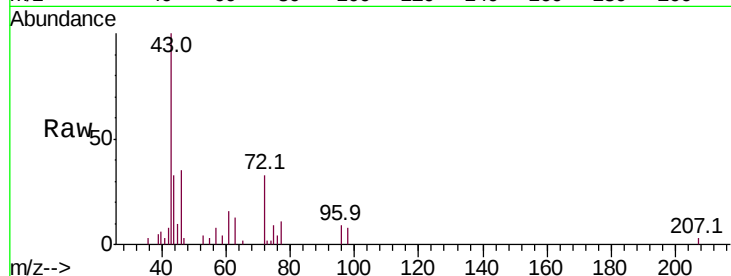
#22
2-Butanone
Concen: 2.832 ug/L m
RT: 4.75 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VU038103.D
Acq: 11 May 2020 14:08

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion: 43 Resp: 14640
Ion Ratio Lower Upper
43 100
72 0.8 13.4 40.1#

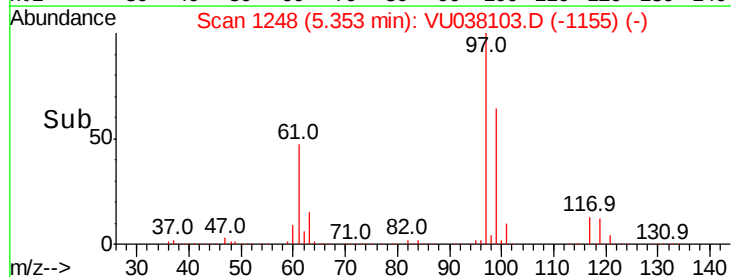
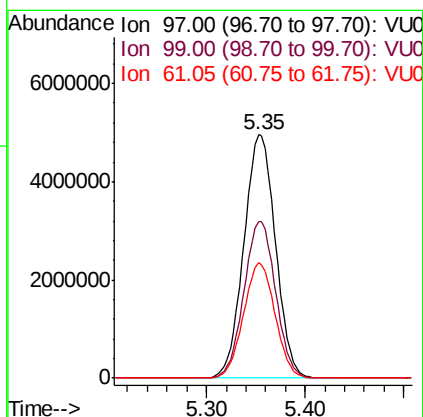
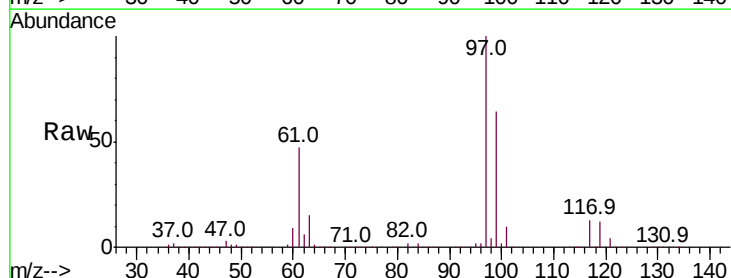
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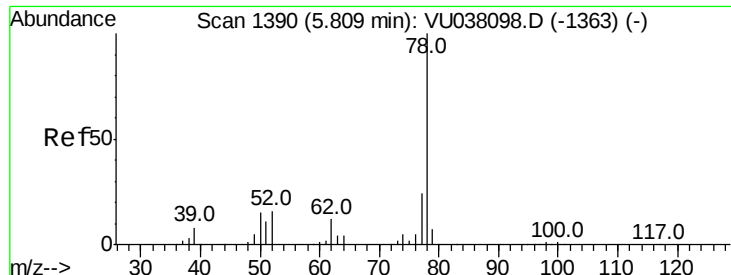
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#30
1,1,1-Trichloroethane
Concen: 1389.270 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU038103.D
Acq: 11 May 2020 14:08

Tgt Ion: 97 Resp:10976128
Ion Ratio Lower Upper
97 100
99 64.3 50.5 75.7
61 47.3 38.8 58.2





#33

Benzene

Concen: 2.164 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU038103.D

Acq: 11 May 2020 14:08

Instrument :

MSVOA_U

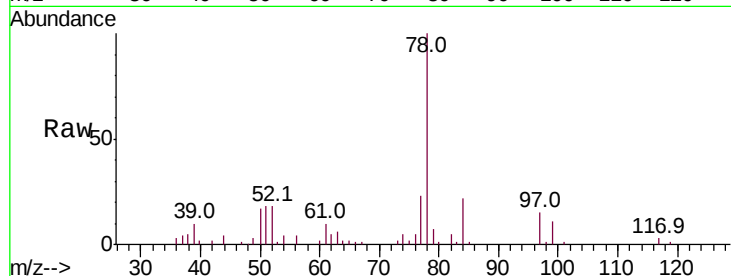
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BFSF1

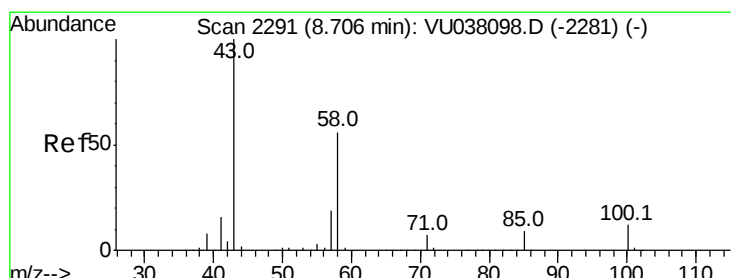
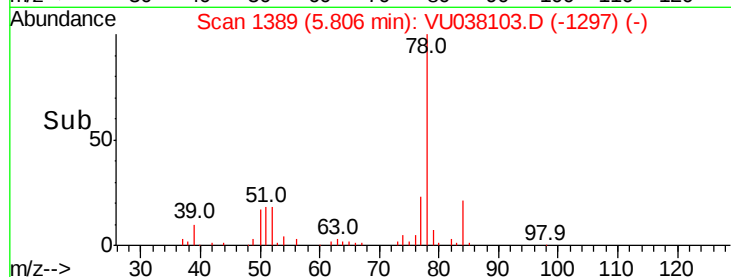
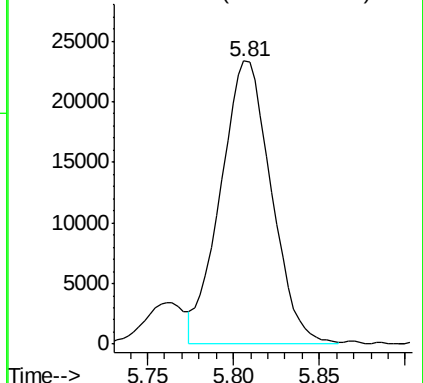
Tgt Ion: 78 Resp: 48086

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Abundance Ion 78.00 (77.70 to 78.70): VU0



#48

2-Hexanone

Concen: 5.793 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038103.D

Acq: 11 May 2020 14:08

Tgt Ion: 43 Resp: 45953

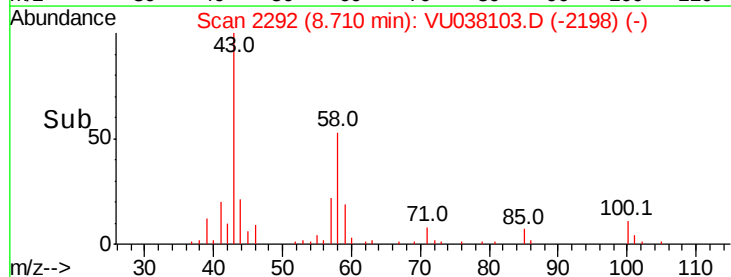
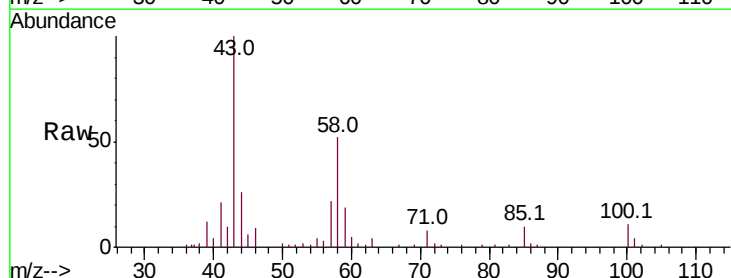
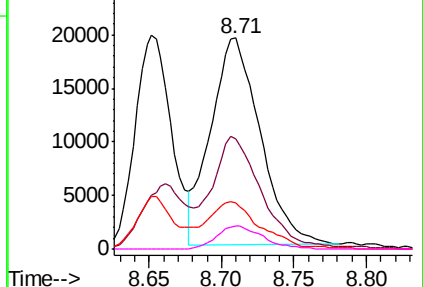
Ion	Ratio	Lower	Upper
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58	50.4	46.4	69.6
57	20.9	16.4	24.6
100	10.2	9.5	14.3

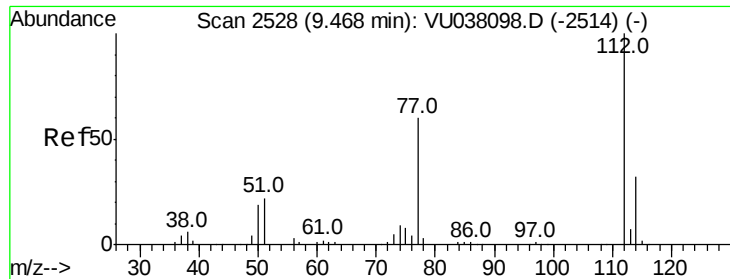
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





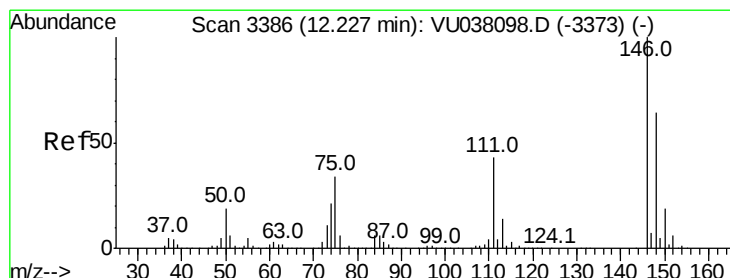
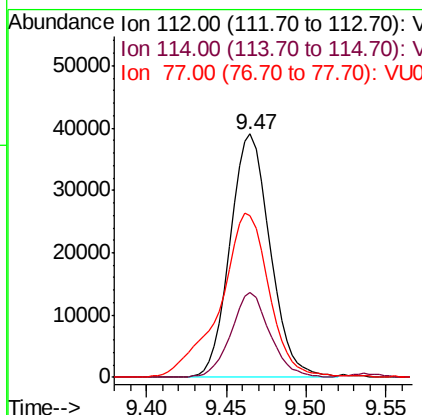
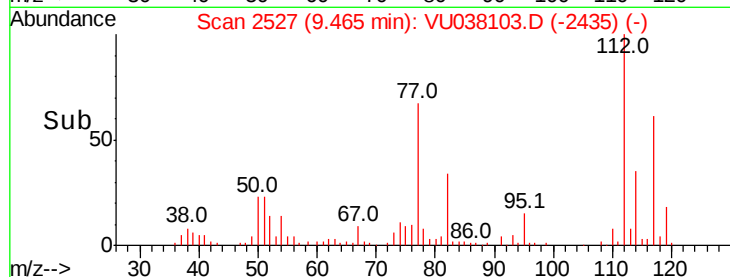
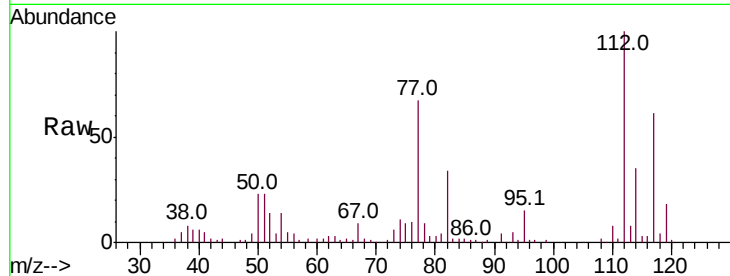
#51
 Chlorobenzene
 Concen: 4.586 ug/L
 RT: 9.47 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: VU038103.D
 Acq: 11 May 2020 14:08

Instrument :
 MSVOA_U
 ClientSampled :
 BFSF1

Tot Ion:	112	Resp:	66662
Ion Ratio	Lower	Upper	
112	100		
114	35.1	21.6	40.2
77	66.7	49.3	73.9

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#65
 1,2-Dichlorobenzene
 Concen: 2.169 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU038103.D
 Acq: 11 May 2020 14:08

Tgt Ion:	146	Resp:	23542
Ion Ratio	Lower	Upper	
146	100		
111	40.5	34.6	51.8
148	56.8	50.1	75.1

