

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050317.D
 Acq On : 13 Aug 2022 14:36
 Operator : SY/MD
 Sample : N4115-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

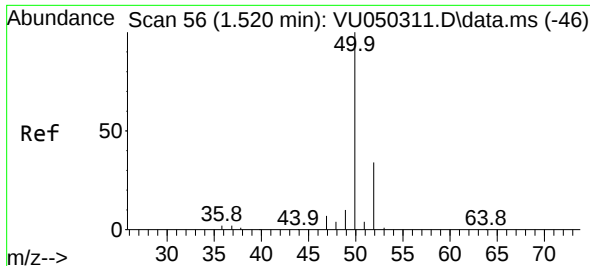
Instrument :
 MSVOA_U
 ClientSampleId :
 F5E00DL

Quant Time: Aug 14 01:27:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Aug 14 01:24:58 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	94972	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	95171	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35852	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43294	5.478	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.600%		
7) Chloroethane-d5	1.909	69	35328	5.540	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.800%		
11) 1,1-Dichloroethene-d2	2.565	65	16286	5.272	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.400%		
20) 2-Butanone-d5	4.623	46	91623	47.538	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 95.080%		
24) Chloroform-d	5.063	84	73655	5.010	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.200%		
26) 1,2-Dichloroethane-d4	5.703	65	38281	5.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.400%		
32) Benzene-d6	5.729	84	147768	4.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.600%		
36) 1,2-Dichloropropane-d6	6.690	67	49312	5.042	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.800%		
41) Toluene-d8	7.899	98	117469	4.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 89.600%		
43) trans-1,3-Dichloroprop...	8.182	79	16146	4.607	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.200%		
46) 2-Hexanone-d5	8.632	63	52154	41.964	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 83.920%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39227	4.567	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 91.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	37213	5.298	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 106.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2100	0.184	ug/L	96
5) Vinyl chloride	1.604	62	10142	0.994	ug/L	91
8) Chloroethane	1.922	64	706	0.117	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	397	0.064	ug/L #	22
15) Methyl Acetate	3.189	43	603	0.206	ug/L #	46
16) Methylene chloride	3.044	84	2667	0.266	ug/L	88
22) cis-1,2-Dichloroethene	4.668	96	45013	5.517	ug/L	98
34) Trichloroethene	6.546	95	4712	0.584	ug/L	87
35) Methylcyclohexane	6.690	83	10930	1.050	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4898	0.551	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	4293	0.879	ug/L #	68

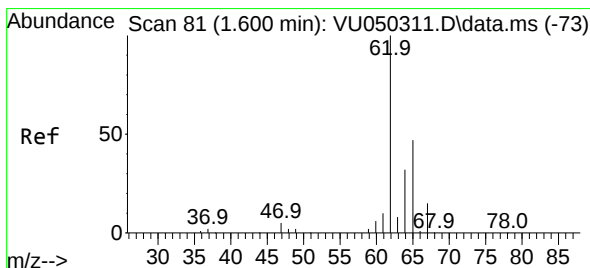
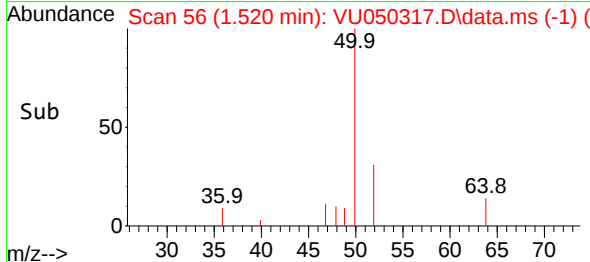
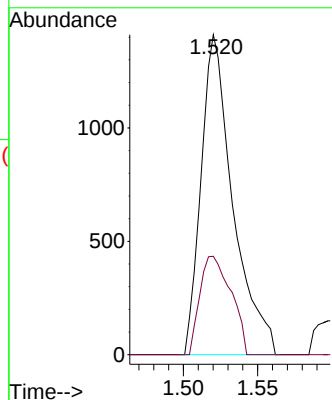
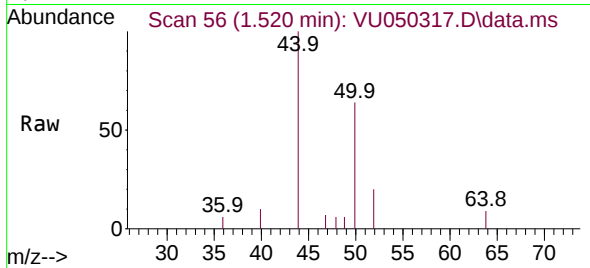
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.184 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050317.D
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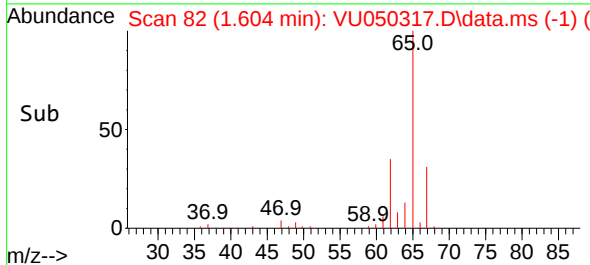
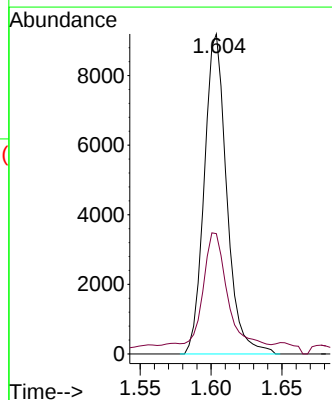
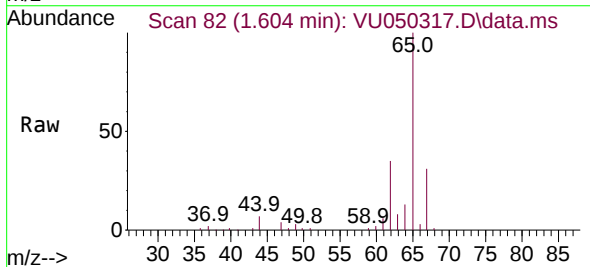
Instrument :
MSVOA_U
ClientSampleId :
F5E00DL

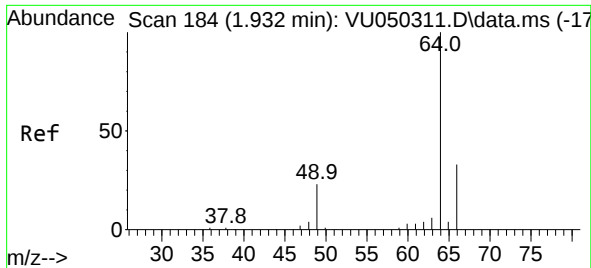
Tgt Ion: 50 Resp: 2100
Ion Ratio Lower Upper
50 100
52 30.8 23.2 43.2



#5
Vinyl chloride
Concen: 0.994 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050317.D
Acq: 13 Aug 2022 14:36

Tgt Ion: 62 Resp: 10142
Ion Ratio Lower Upper
62 100
64 37.6 22.8 42.4

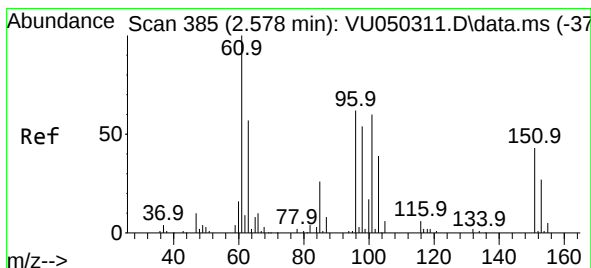
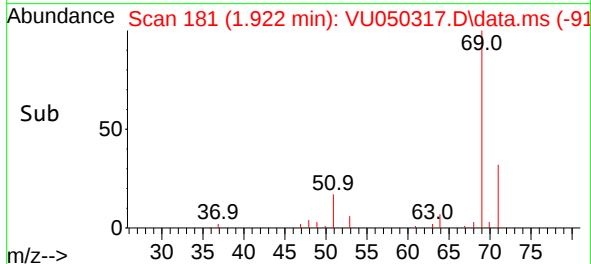
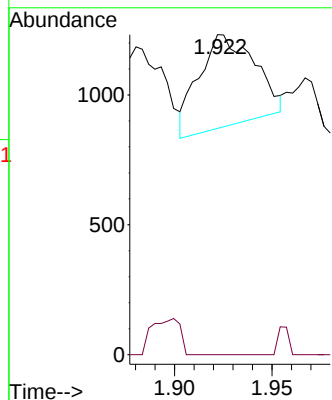
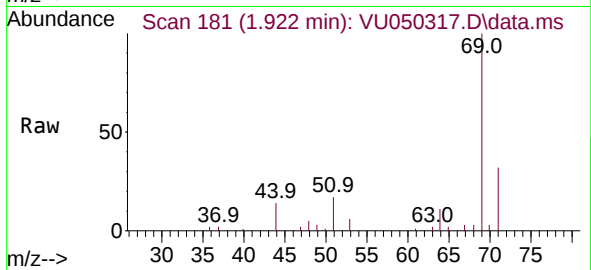




#8
Chloroethane
Concen: 0.117 ug/L
RT: 1.922 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU050317.D
Acq: 13 Aug 2022 14:36

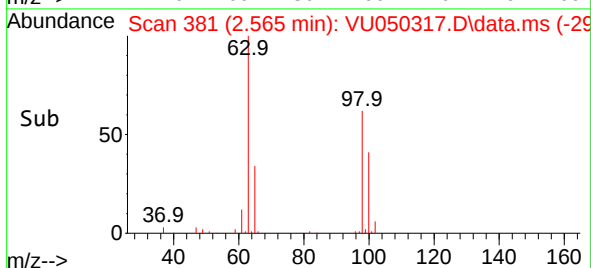
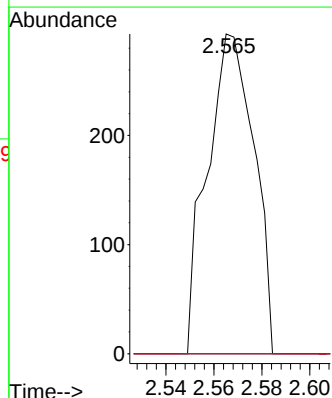
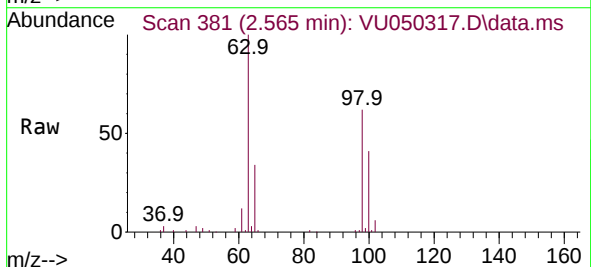
Instrument :
MSVOA_U
ClientSampleId :
F5E00DL

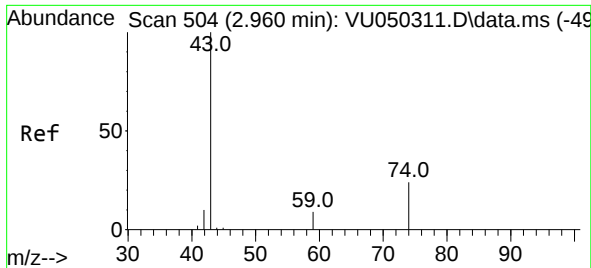
Tgt Ion: 64 Resp: 706
Ion Ratio Lower Upper
64 100
66 0.0 22.8 42.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.064 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU050317.D
Acq: 13 Aug 2022 14:36

Tgt Ion: 101 Resp: 397
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

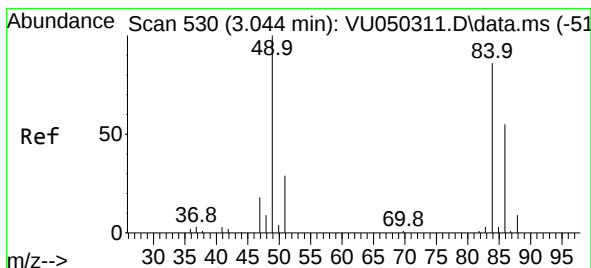
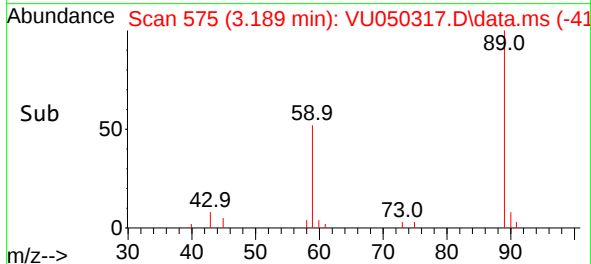
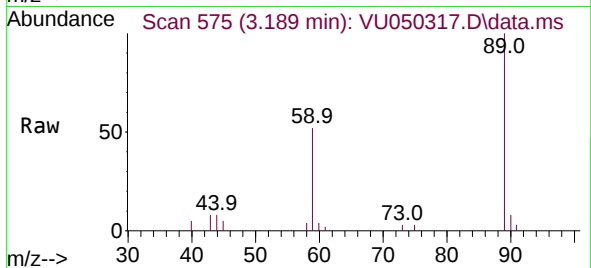




#15
Methyl Acetate
Concen: 0.206 ug/L
RT: 3.189 min Scan# 51
Delta R.T. 0.228 min
Lab File: VU050317.D
Acq: 13 Aug 2022 14:36

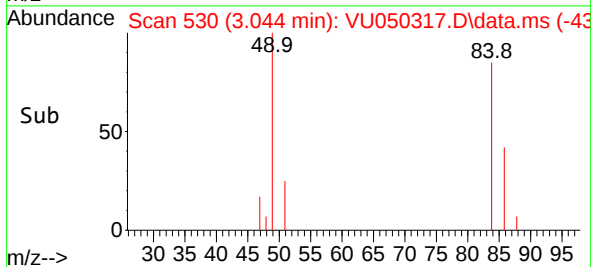
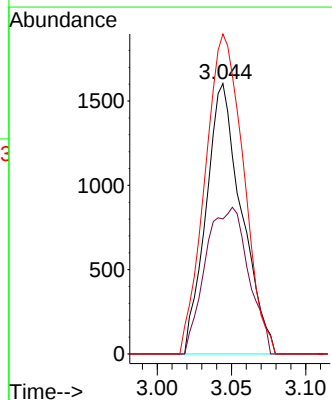
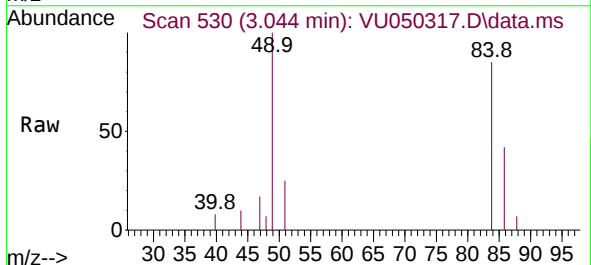
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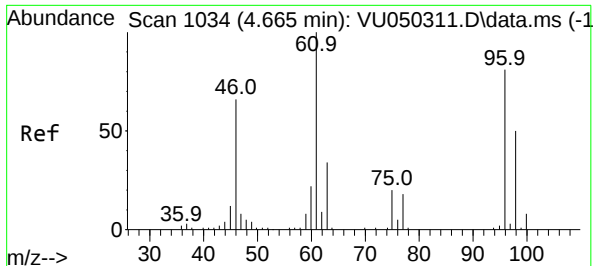
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#



#16
Methylene chloride
Concen: 0.266 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050317.D
Acq: 13 Aug 2022 14:36

Tgt Ion: 84 Resp: 2667
Ion Ratio Lower Upper
84 100
86 49.9 45.9 85.3
49 118.3 77.6 144.0





#22

cis-1,2-Dichloroethene

Concen: 5.517 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU050317.D

Acq: 13 Aug 2022 14:36

Instrument :

MSVOA_U

ClientSampleId :

F5E00DL

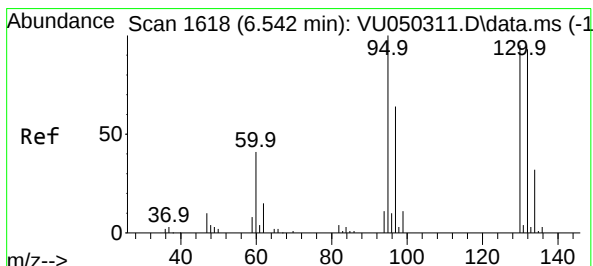
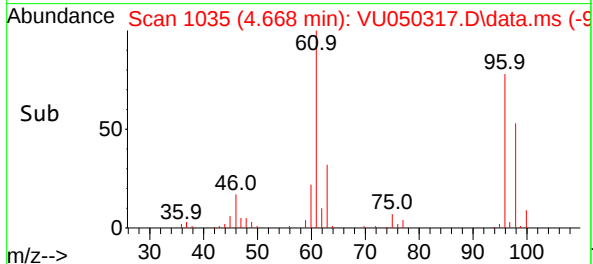
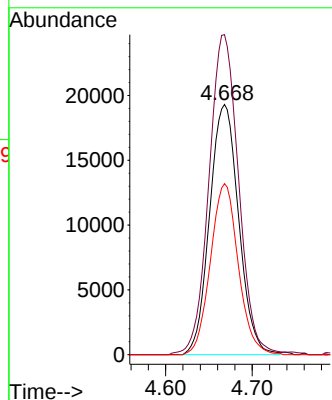
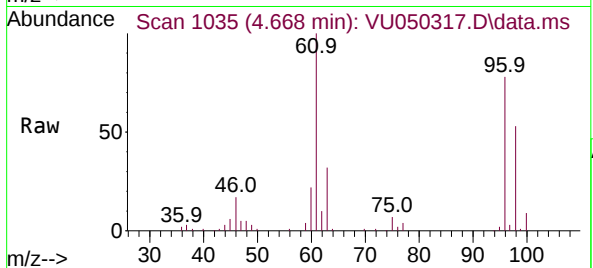
Tgt Ion: 96 Resp: 45013

Ion Ratio Lower Upper

96 100

61 127.9 89.0 165.4

98 68.4 45.2 84.0



#34

Trichloroethene

Concen: 0.584 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU050317.D

Acq: 13 Aug 2022 14:36

Tgt Ion: 95 Resp: 4712

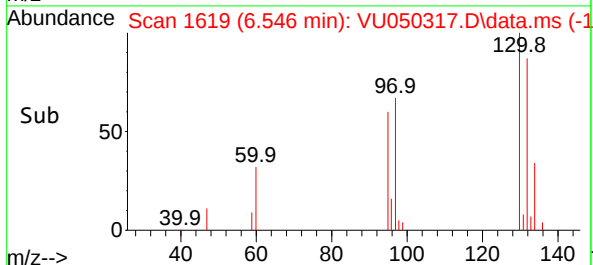
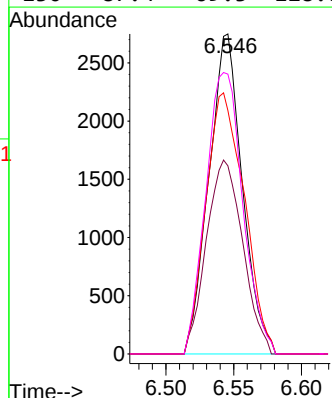
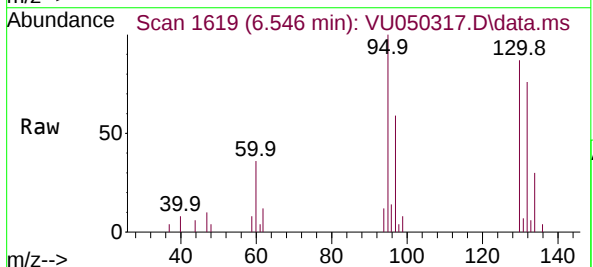
Ion Ratio Lower Upper

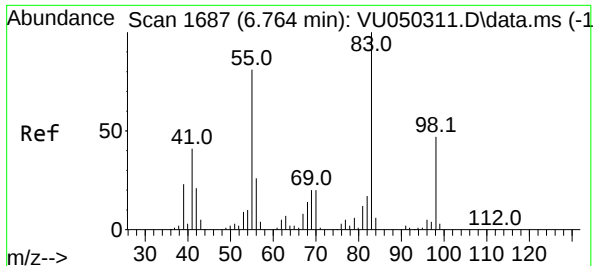
95 100

97 58.8 45.6 84.8

132 76.1 65.0 120.6

130 87.4 69.3 128.7





#35

Methylcyclohexane

Concen: 1.050 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050317.D

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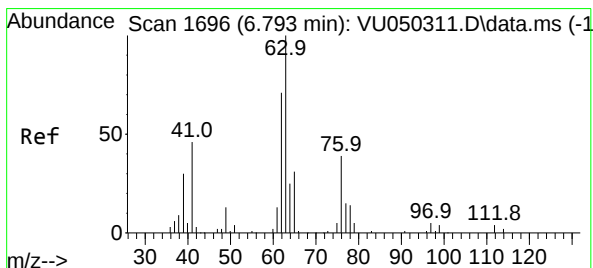
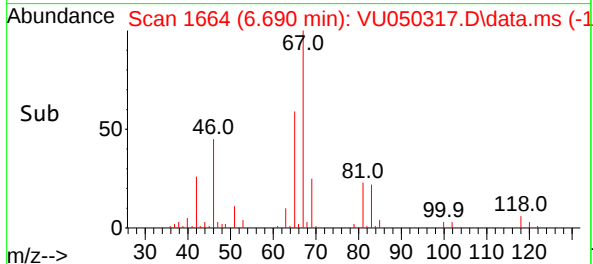
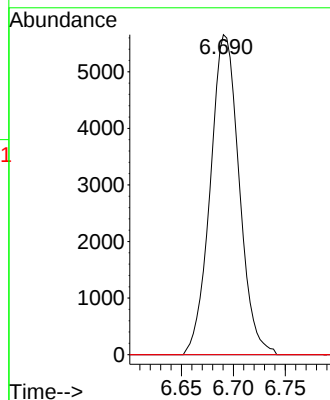
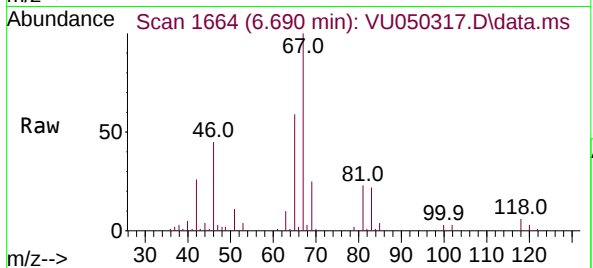
Tgt Ion: 83 Resp: 10930

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.2 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050317.D

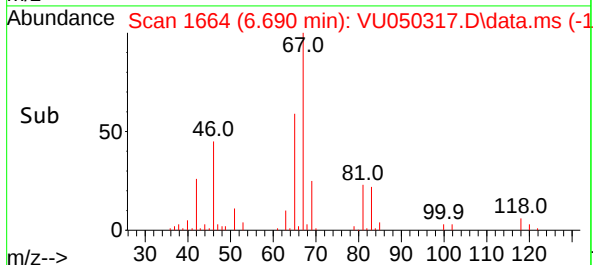
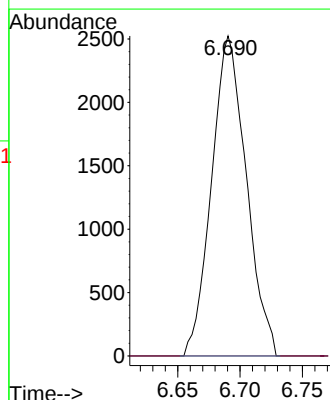
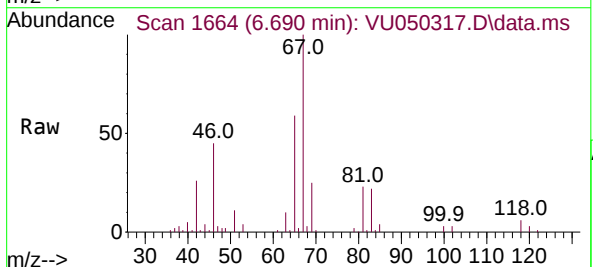
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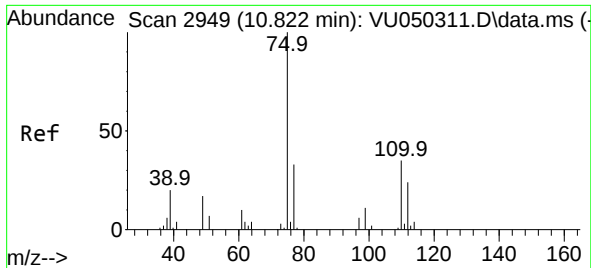
Tgt Ion: 63 Resp: 4898

Ion Ratio Lower Upper

63 100

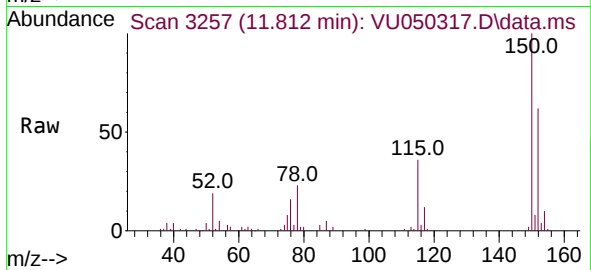
112 0.0 3.0 4.4#





#61
1,2,3-Trichloropropane
Concen: 0.879 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU050317.D
Acq: 13 Aug 2022 14:36

Instrument :
MSVOA_U
ClientSampleId :
F5E00DL



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.5	42.7#
77	32.4	25.8	38.6

