

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050074.D
 Acq On : 04 Aug 2022 20:34
 Operator : SY/MD
 Sample : N4022-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D85

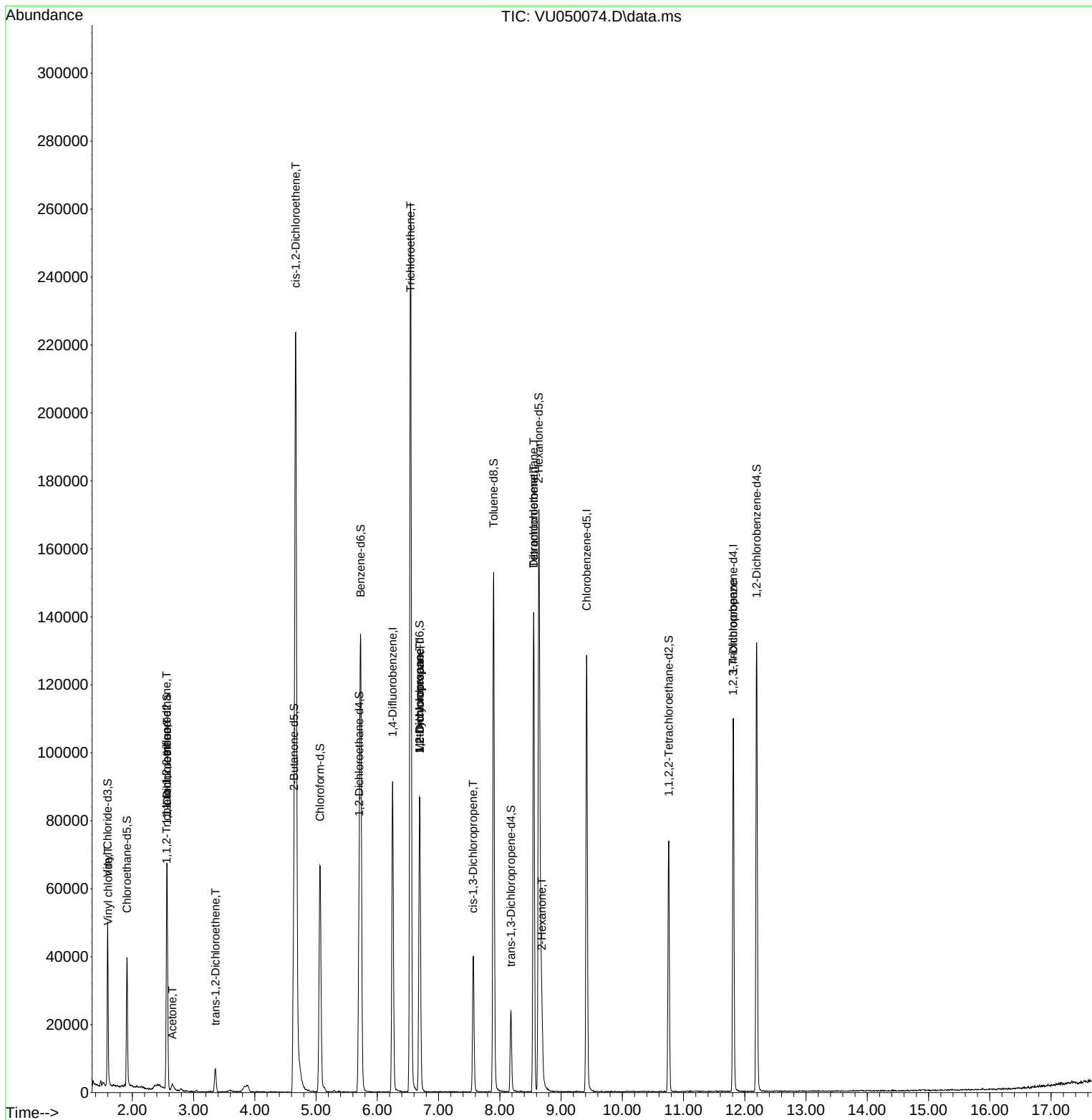
Quant Time: Aug 05 04:56:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

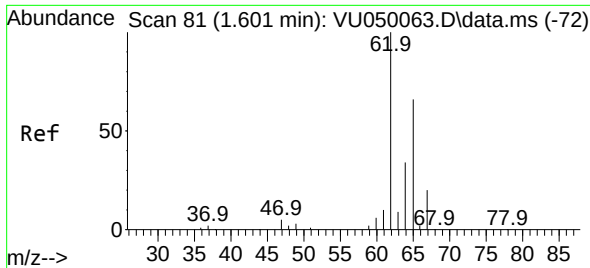
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	75292	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	77208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30126	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31415	5.014	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.200%		
7) Chloroethane-d5	1.912	69	27781	5.495	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.000%		
11) 1,1-Dichloroethene-d2	2.565	65	12344	5.041	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5	4.639	46	100443	65.735	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 131.480%#		
24) Chloroform-d	5.067	84	65340	5.606	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.200%		
26) 1,2-Dichloroethane-d4	5.703	65	35384	5.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 118.200%		
32) Benzene-d6	5.729	84	130291	5.408	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.200%		
36) 1,2-Dichloropropane-d6	6.690	67	45481	5.732	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 114.600%		
41) Toluene-d8	7.899	98	108192	5.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.600%		
43) trans-1,3-Dichloroprop...	8.182	79	14761	5.192	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.800%		
46) 2-Hexanone-d5	8.636	63	59724	59.236	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 118.480%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38753	5.562	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	36488	6.182	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 123.600%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	3986	0.493	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	223	0.045	ug/L #	22
12) 1,1-Dichloroethene	2.568	96	686	0.132	ug/L #	1
13) Acetone	2.652	43	3919	4.605	ug/L	95
18) trans-1,2-Dichloroethene	3.359	96	3282	0.563	ug/L	93
22) cis-1,2-Dichloroethene	4.668	96	110359	17.063	ug/L	98
34) Trichloroethene	6.542	95	92729	14.173	ug/L	100
35) Methylcyclohexane	6.690	83	10167	1.204	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4496	0.624	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	884	0.094	ug/L #	51
47) Tetrachloroethene	8.552	164	31629	6.747	ug/L	94
48) 2-Hexanone	8.687	43	13409	4.154	ug/L #	88
49) Dibromochloromethane	8.552	129	31361	5.261	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	3533	0.861	ug/L #	65

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

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Response via : Initial Calibration

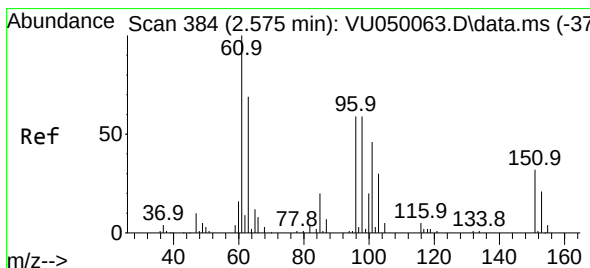
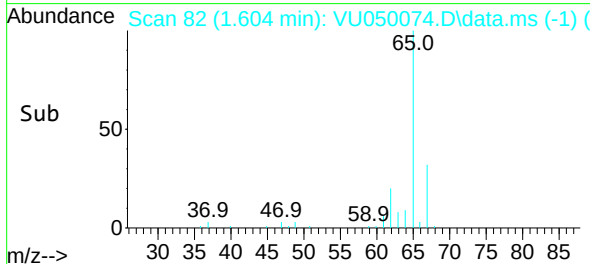
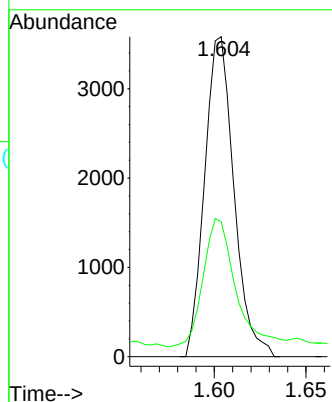
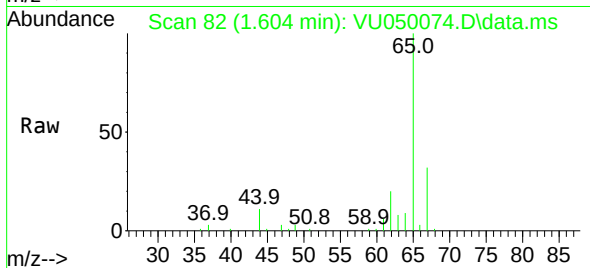




#5
 Vinyl chloride
 Concen: 0.493 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050074.D
 Acq: 04 Aug 2022 20:34

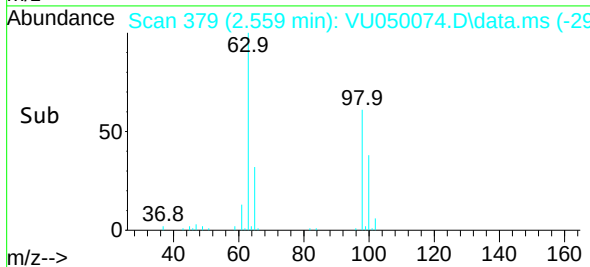
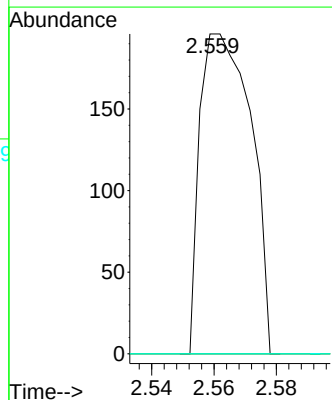
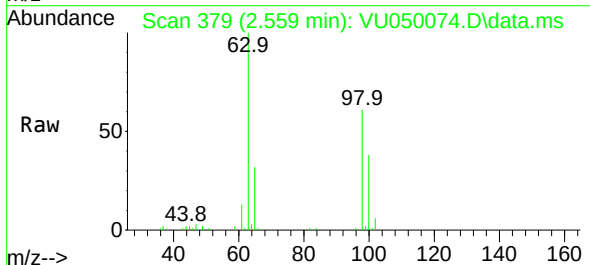
Instrument :
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 ClientSampleId :
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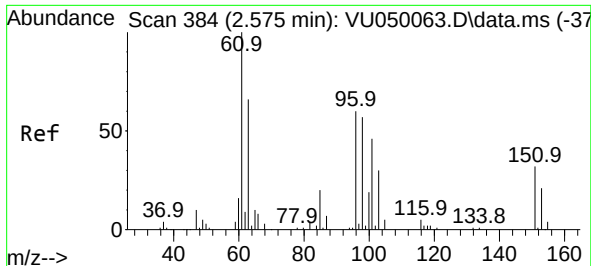
Tgt Ion: 62 Resp: 3986
 Ion Ratio Lower Upper
 62 100
 64 42.2 22.8 42.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.045 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.016 min
 Lab File: VU050074.D
 Acq: 04 Aug 2022 20:34

Tgt Ion: 101 Resp: 223
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#





#12

1,1-Dichloroethene

Concen: 0.132 ug/L

RT: 2.568 min Scan# 3

Delta R.T. -0.006 min

Lab File: VU050074.D

Acq: 04 Aug 2022 20:34

Instrument :

MSVOA_U

ClientSampleId :

F5D85

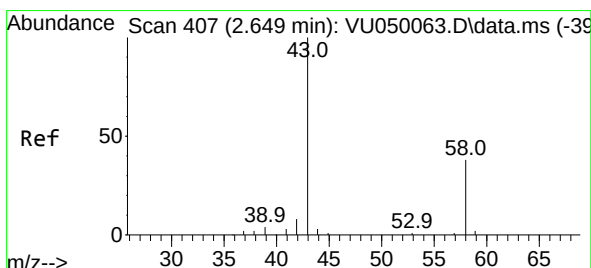
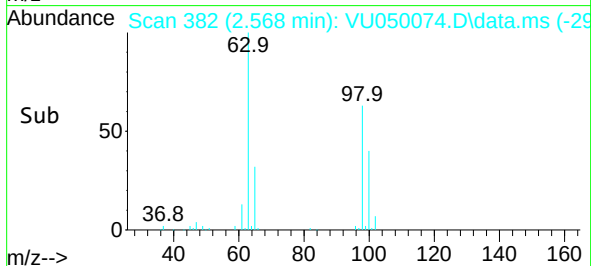
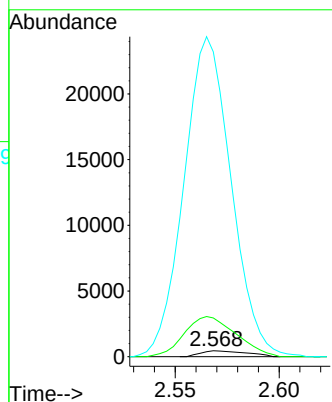
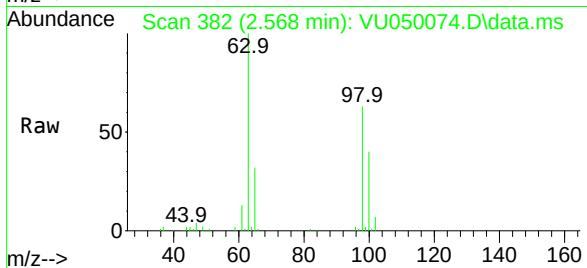
Tgt Ion: 96 Resp: 686

Ion Ratio Lower Upper

96 100

61 660.5 122.7 227.9#

63 5203.6 85.1 158.1#



#13

Acetone

Concen: 4.605 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU050074.D

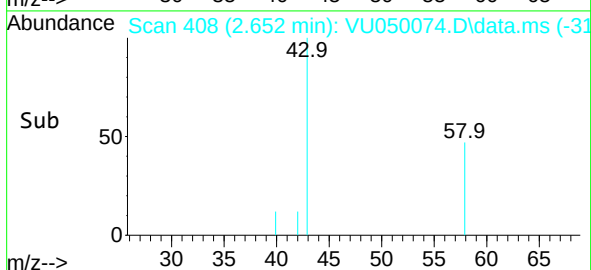
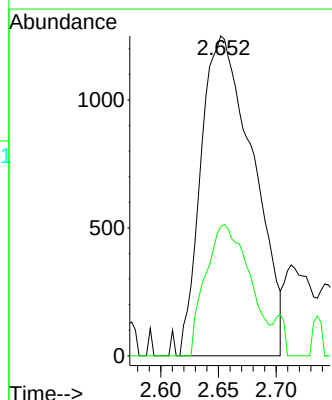
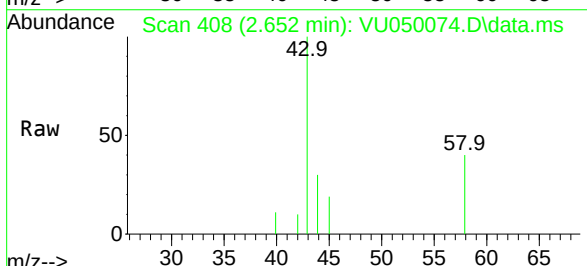
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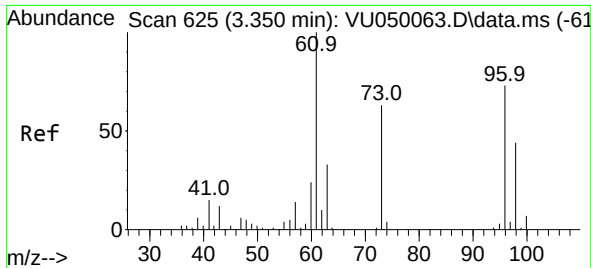
Tgt Ion: 43 Resp: 3919

Ion Ratio Lower Upper

43 100

58 34.6 0.0 64.0

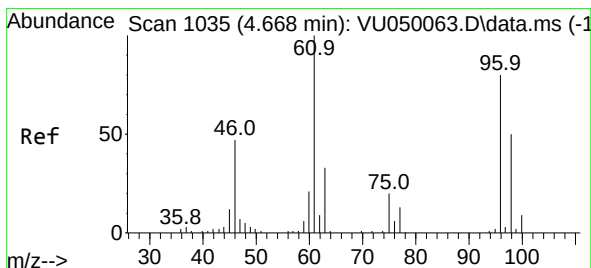
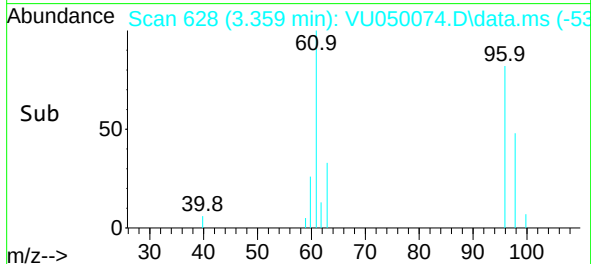
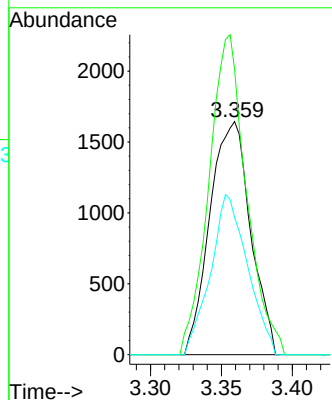
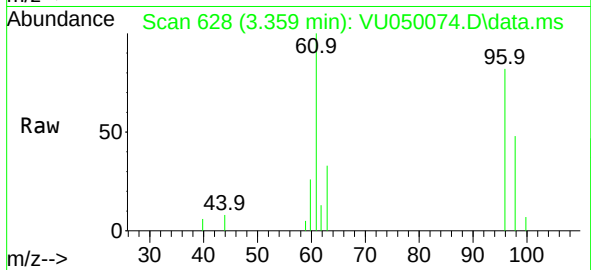




#18
trans-1,2-Dichloroethene
Concen: 0.563 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU050074.D
Acq: 04 Aug 2022 20:34

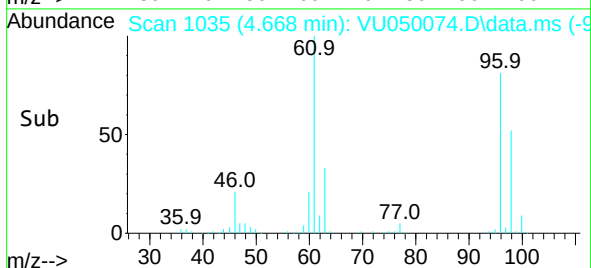
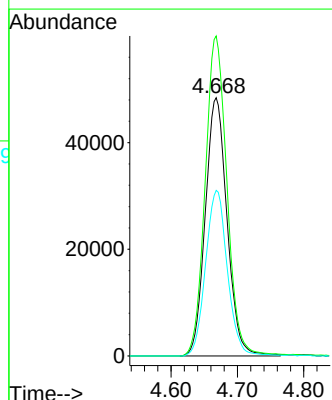
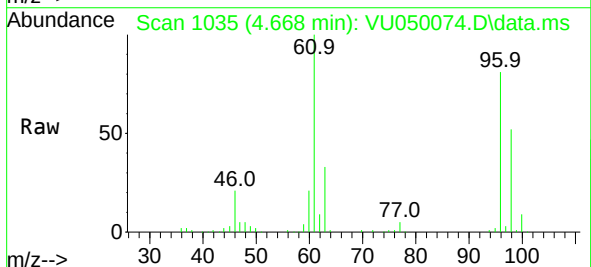
Instrument :
MSVOA_U
ClientSampleId :
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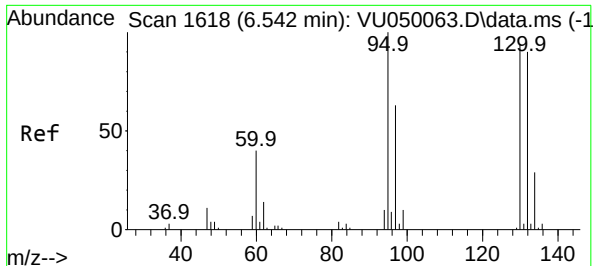
Tgt Ion: 96 Resp: 3282
Ion Ratio Lower Upper
96 100
61 122.4 92.3 171.5
98 58.8 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 17.063 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050074.D
Acq: 04 Aug 2022 20:34

Tgt Ion: 96 Resp: 110359
Ion Ratio Lower Upper
96 100
61 123.9 89.0 165.4
98 64.1 45.2 84.0

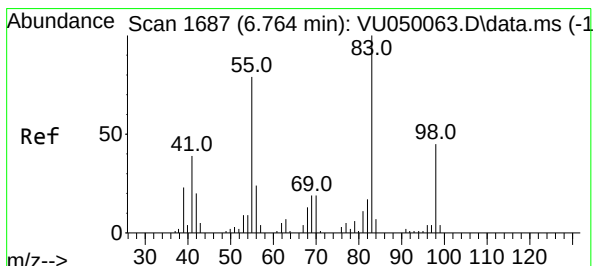
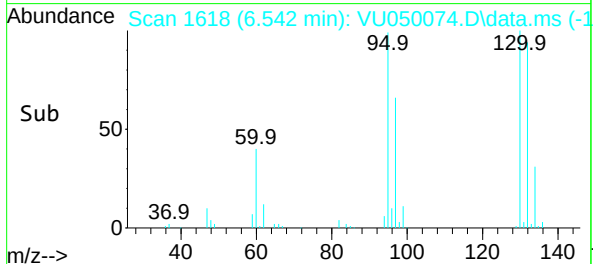
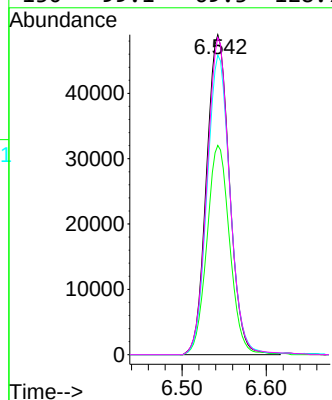
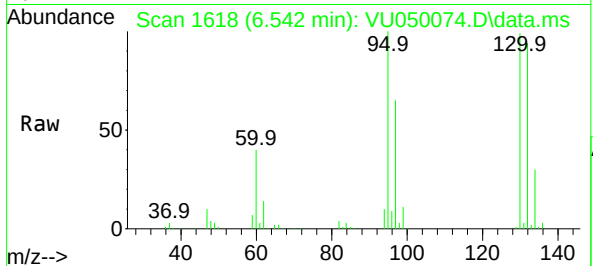




#34
Trichloroethene
Concen: 14.173 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050074.D
Acq: 04 Aug 2022 20:34

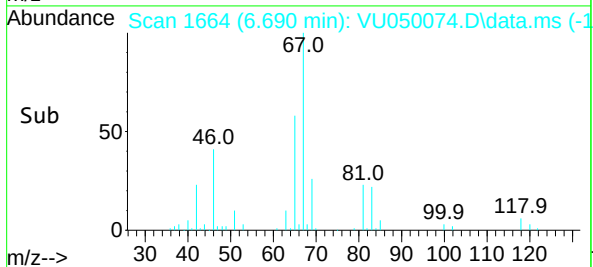
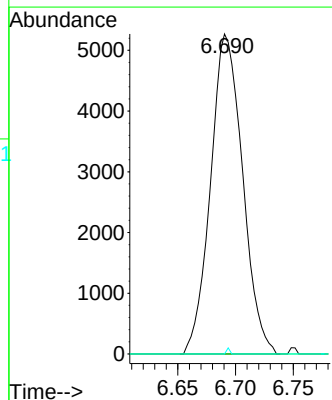
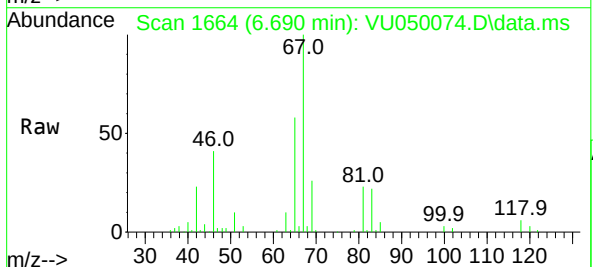
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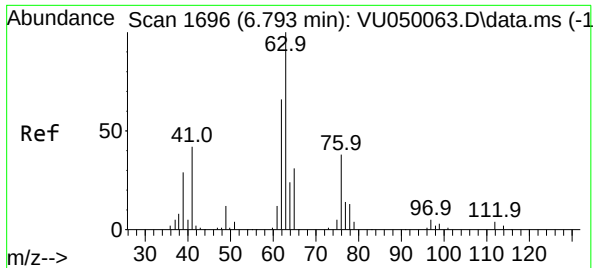
Tgt Ion: 95 Resp: 92729
Ion Ratio Lower Upper
95 100
97 65.4 45.6 84.8
132 93.6 65.0 120.6
130 99.1 69.3 128.7



#35
Methylcyclohexane
Concen: 1.204 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050074.D
Acq: 04 Aug 2022 20:34

Tgt Ion: 83 Resp: 10167
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050074.D

Acq: 04 Aug 2022 20:34

Instrument :

MSVOA_U

ClientSampleId :

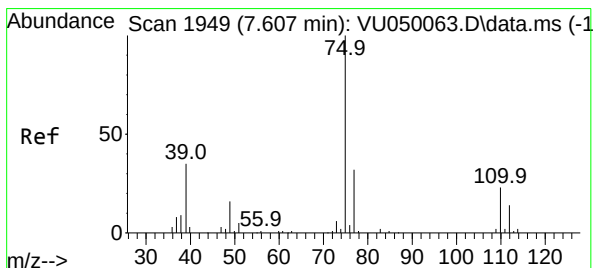
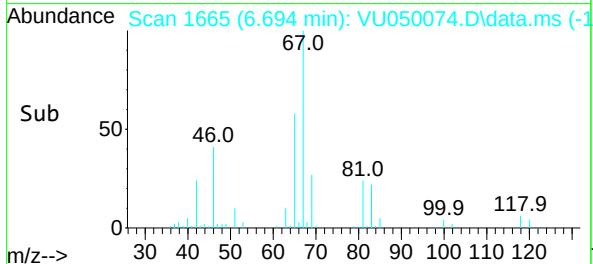
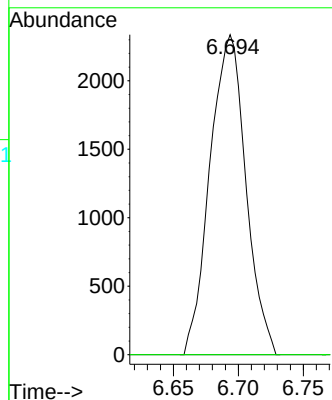
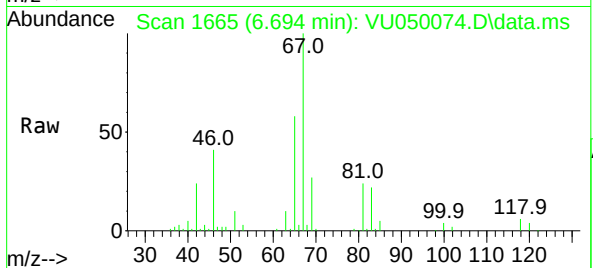
F5D85

Tgt Ion: 63 Resp: 4496

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU050074.D

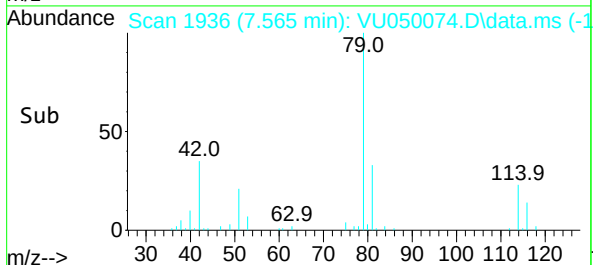
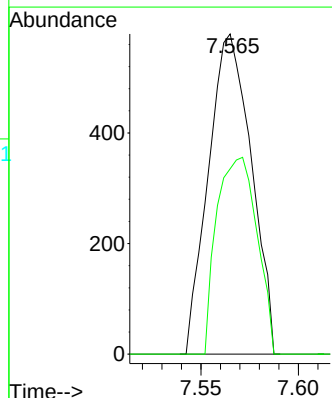
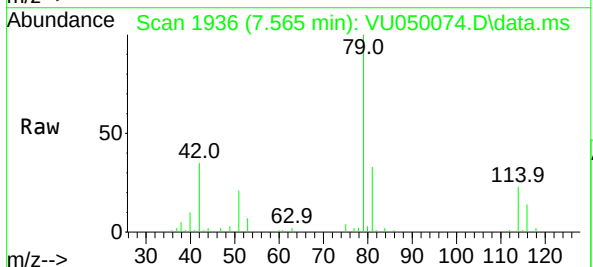
Acq: 04 Aug 2022 20:34

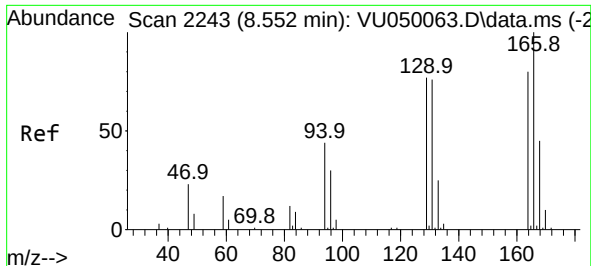
Tgt Ion: 75 Resp: 884

Ion Ratio Lower Upper

75 100

77 57.9 21.8 40.4#

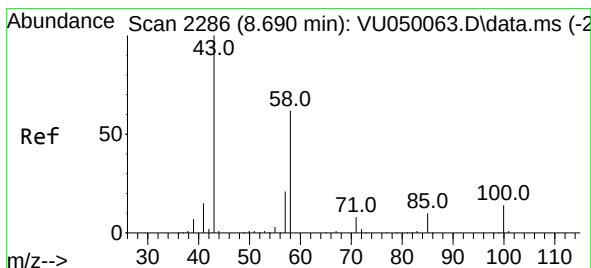
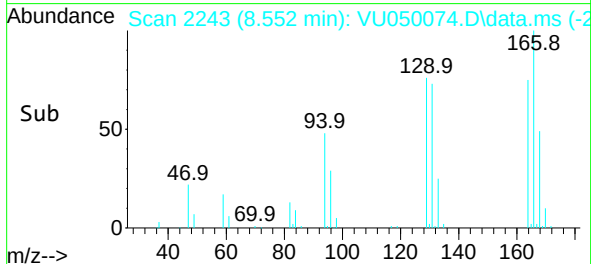
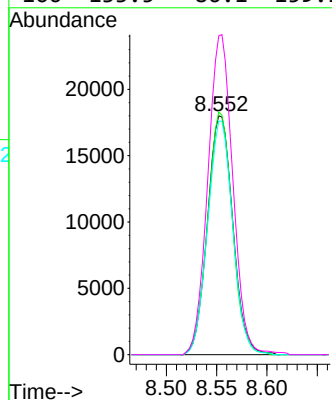
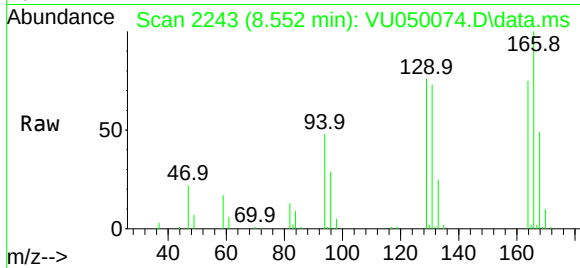




#47
Tetrachloroethene
Concen: 6.747 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050074.D
Acq: 04 Aug 2022 20:34

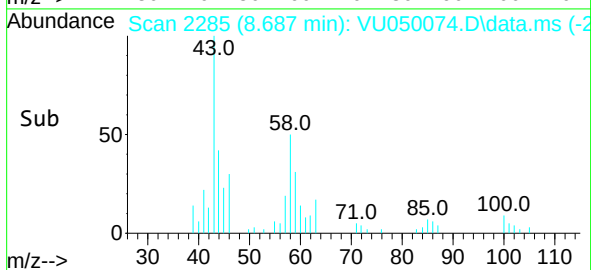
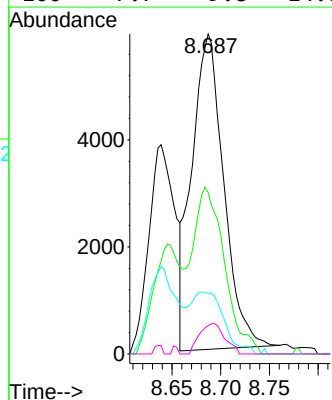
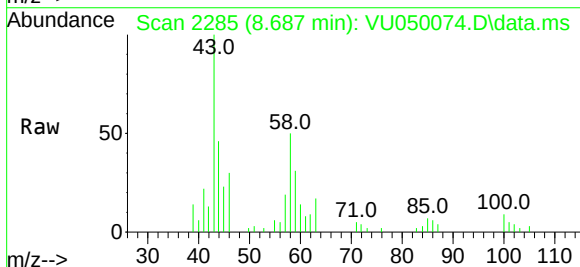
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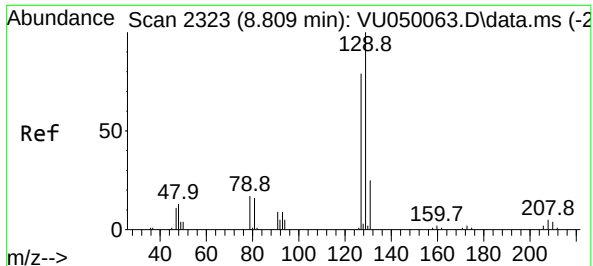
Tgt Ion:164 Resp: 31629
Ion Ratio Lower Upper
164 100
129 101.6 69.0 128.1
131 97.8 65.8 122.2
166 133.5 86.1 159.9



#48
2-Hexanone
Concen: 4.154 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU050074.D
Acq: 04 Aug 2022 20:34

Tgt Ion: 43 Resp: 13409
Ion Ratio Lower Upper
43 100
58 51.4 50.6 76.0
57 20.3 16.0 24.0
100 7.7 9.8 14.8#





#49

Dibromochloromethane

Concen: 5.261 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU050074.D

Acq: 04 Aug 2022 20:34

Instrument :

MSVOA_U

ClientSampleId :

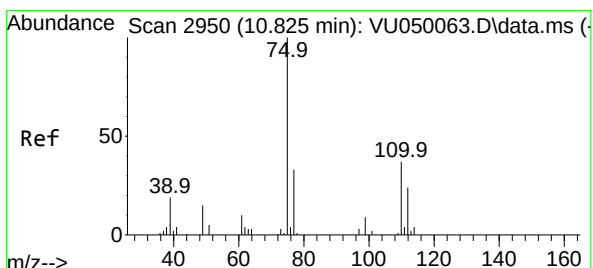
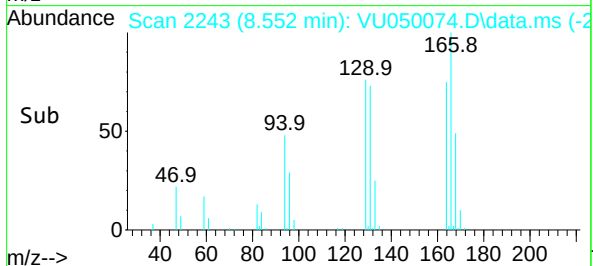
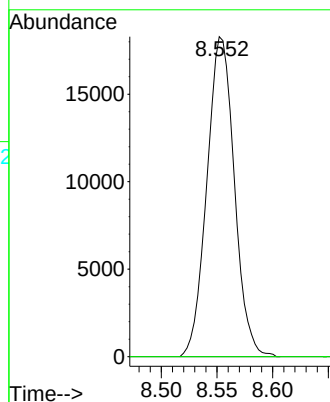
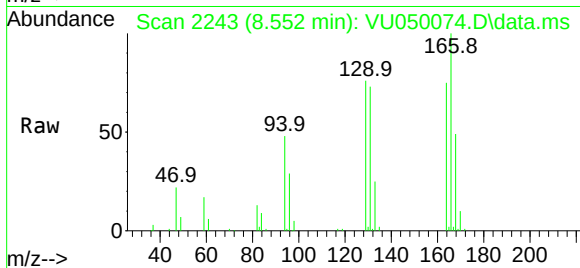
F5D85

Tgt Ion:129 Resp: 31361

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



#61

1,2,3-Trichloropropane

Concen: 0.861 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.984 min

Lab File: VU050074.D

Acq: 04 Aug 2022 20:34

Tgt Ion: 75 Resp: 3533

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 29.0 25.8 38.6

