

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051620.D
 Acq On : 31 Oct 2022 18:50
 Operator : JC/MD
 Sample : N5353-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWR9

Quant Time: Nov 01 01:29:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

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

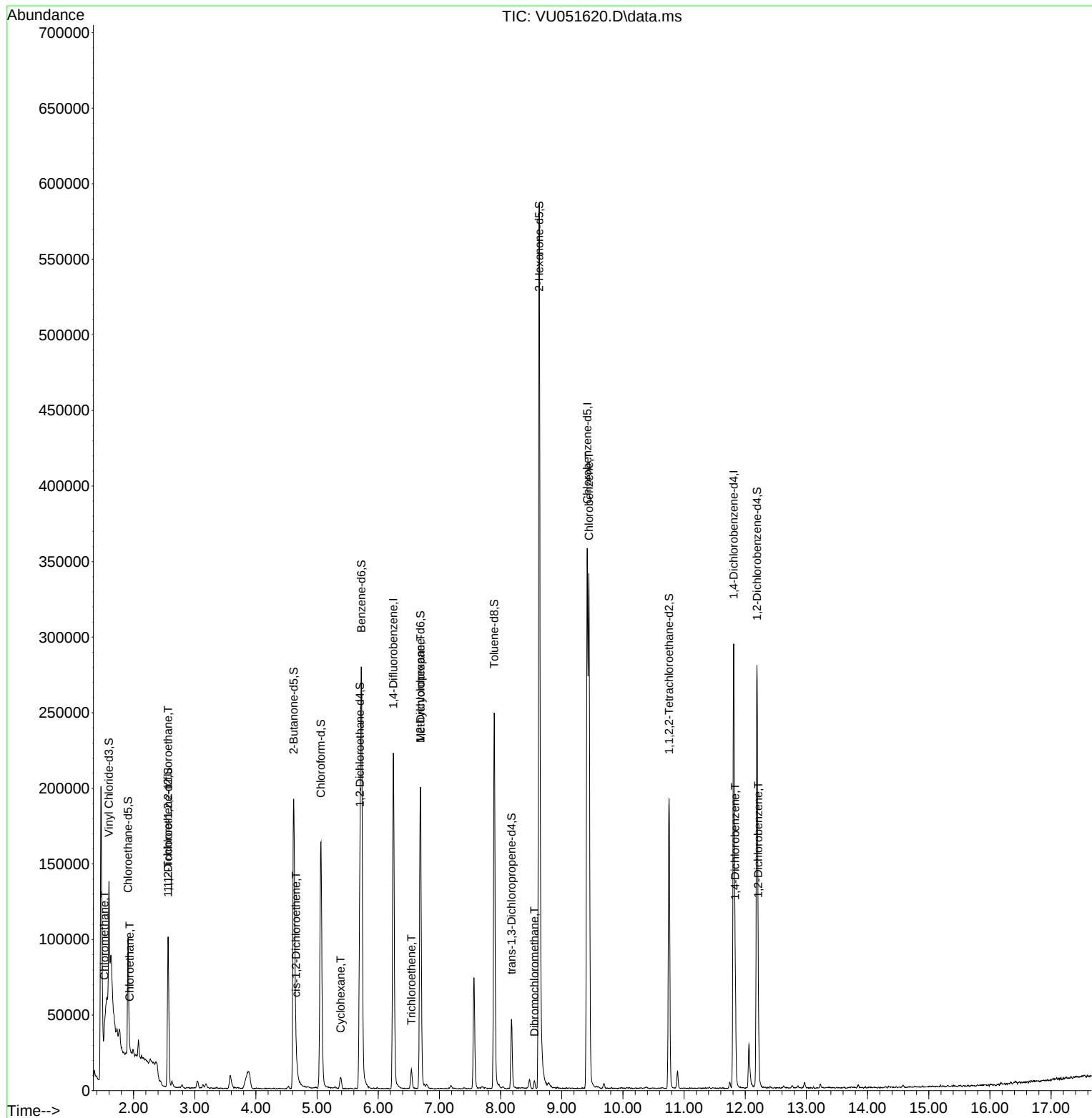
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	185711	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	200802	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50109	3.583	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.600%	
7) Chloroethane-d5	1.909	69	63855	4.377	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.565	65	18607	3.666	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.400%	
20) 2-Butanone-d5	4.616	46	278560	54.992	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.980%	
24) Chloroform-d	5.063	84	154992	4.735	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.700	65	87485	4.948	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.726	84	260750	4.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
36) 1,2-Dichloropropane-d6	6.690	67	100826	4.550	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.896	98	171647	3.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	8.179	79	26476	3.908	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.200%	
46) 2-Hexanone-d5	8.632	63	196765	48.244	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.480%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	100144	4.932	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	72692	4.928	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						
3) Chloromethane	1.523	50	4546	0.178	ug/L	84
8) Chloroethane	1.938	64	3574	0.240	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	695	0.044	ug/L #	19
22) cis-1,2-Dichloroethene	4.658	96	2640	0.138	ug/L	95
30) Cyclohexane	5.385	56	3166	0.126	ug/L	98
34) Trichloroethene	6.542	95	4138	0.216	ug/L	97
35) Methylcyclohexane	6.690	83	23937	0.905	ug/L #	19
49) Dibromochloromethane	8.552	129	1125	0.066	ug/L #	10
51) Chlorobenzene	9.446	112	181011	3.534	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	29659	1.013	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	17215	0.605	ug/L	99

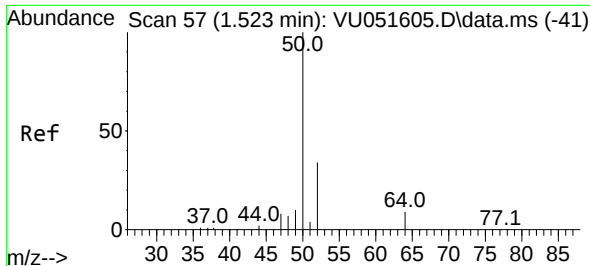
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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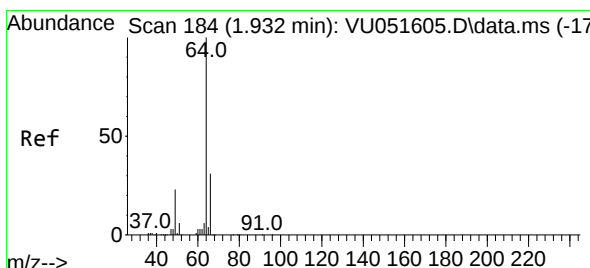
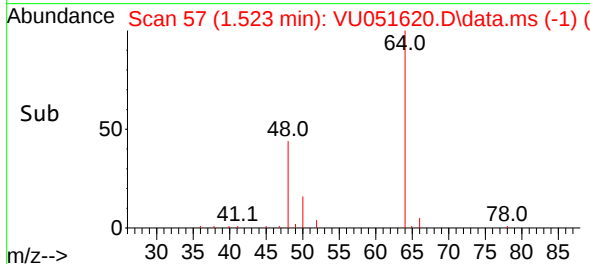
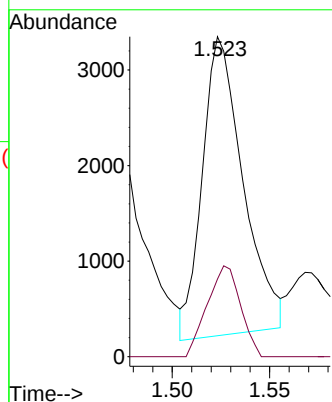
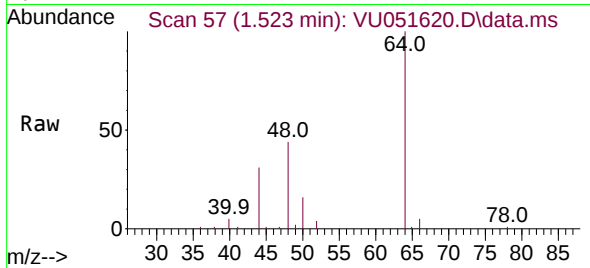




#3
Chloromethane
Concen: 0.178 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051620.D
Acq: 31 Oct 2022 18:50

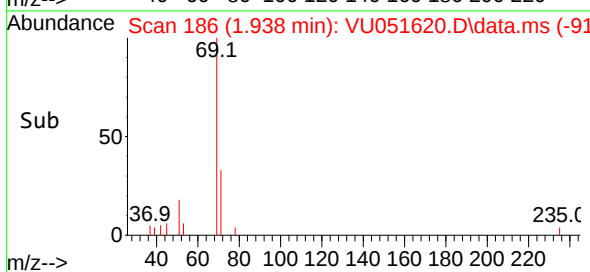
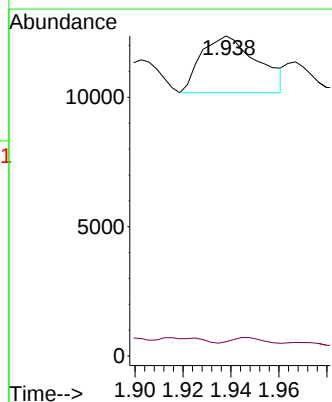
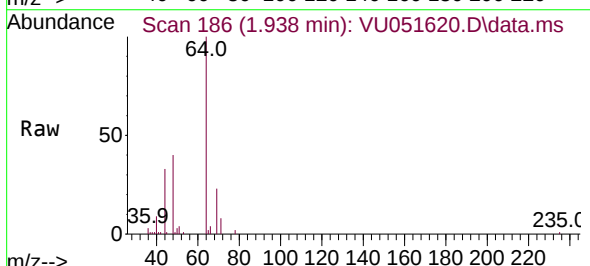
Instrument :
MSVOA_U
ClientSampleId :
DBWR9

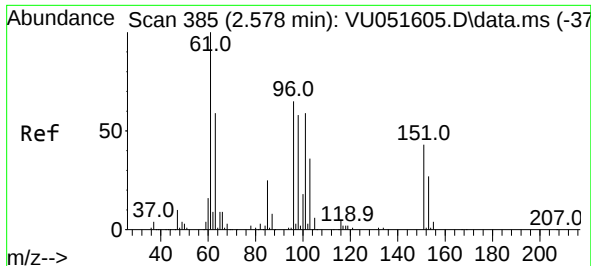
Tgt Ion: 50 Resp: 4546
Ion Ratio Lower Upper
50 100
52 24.3 23.2 43.2



#8
Chloroethane
Concen: 0.240 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.006 min
Lab File: VU051620.D
Acq: 31 Oct 2022 18:50

Tgt Ion: 64 Resp: 3574
Ion Ratio Lower Upper
64 100
66 4.5 22.3 41.5#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.044 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU051620.D

Acq: 31 Oct 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

DBWR9

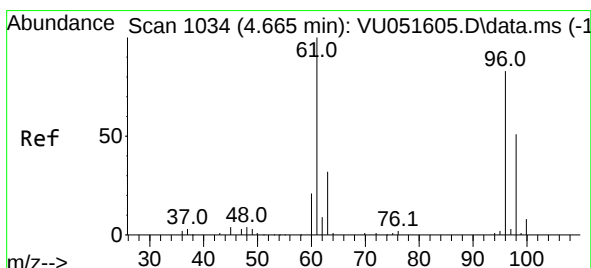
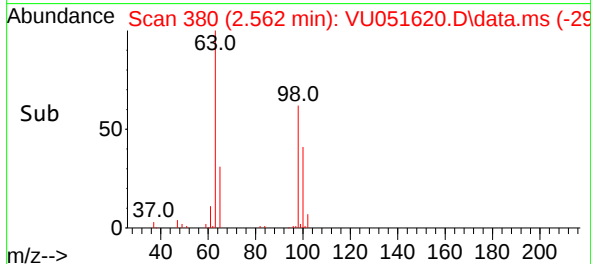
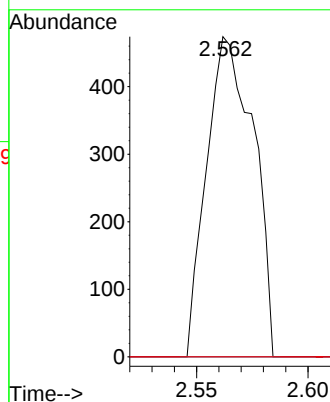
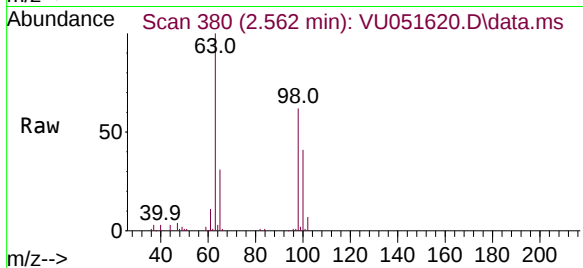
Tgt Ion:101 Resp: 695

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 59.6 89.4#



#22

cis-1,2-Dichloroethene

Concen: 0.138 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VU051620.D

Acq: 31 Oct 2022 18:50

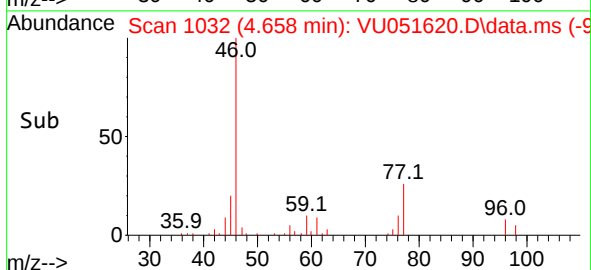
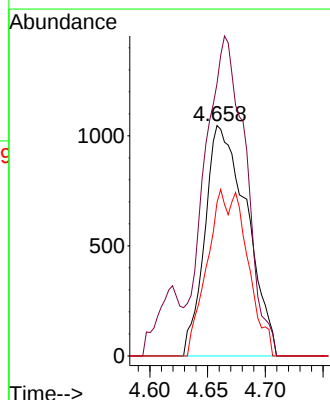
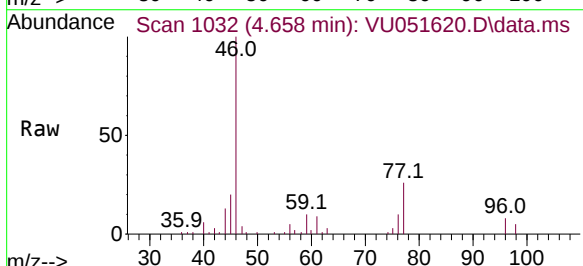
Tgt Ion: 96 Resp: 2640

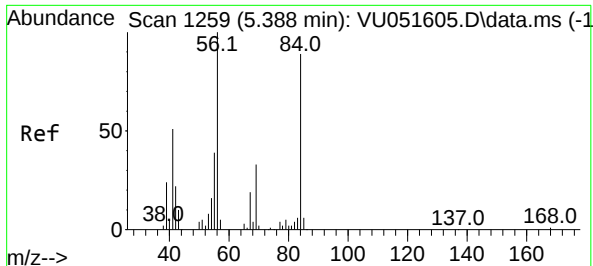
Ion Ratio Lower Upper

96 100

61 118.1 86.4 160.4

98 66.6 44.2 82.2





#30

Cyclohexane

Concen: 0.126 ug/L

RT: 5.385 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU051620.D

Acq: 31 Oct 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

DBWR9

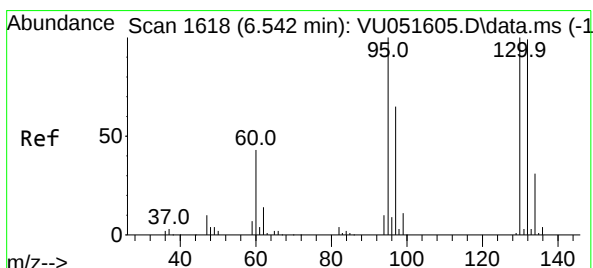
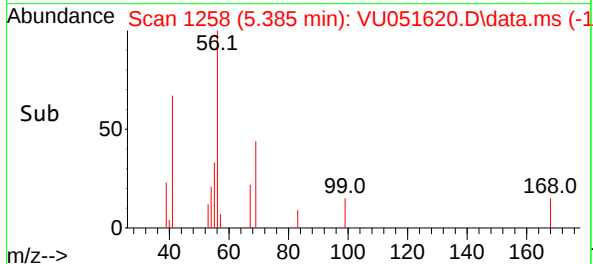
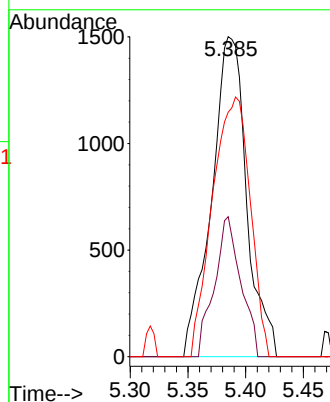
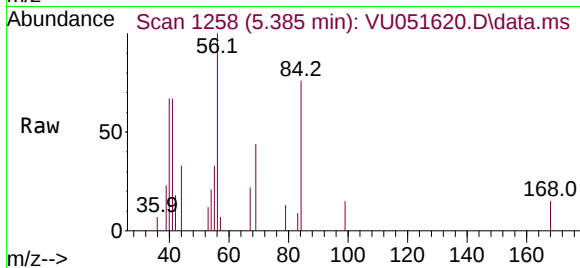
Tgt Ion: 56 Resp: 3166

Ion Ratio Lower Upper

56 100

69 32.9 25.4 38.0

84 87.1 71.4 107.0



#34

Trichloroethene

Concen: 0.216 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU051620.D

Acq: 31 Oct 2022 18:50

Tgt Ion: 95 Resp: 4138

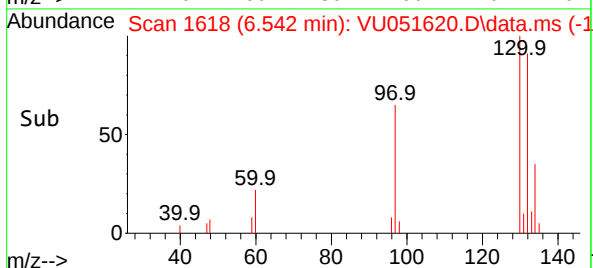
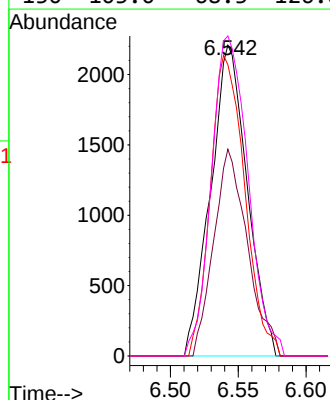
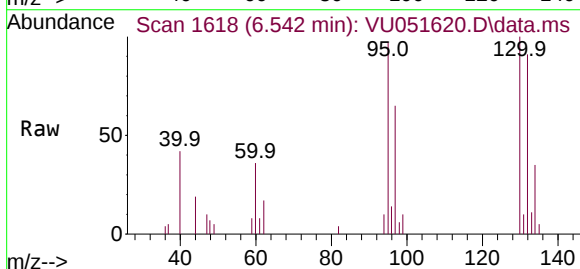
Ion Ratio Lower Upper

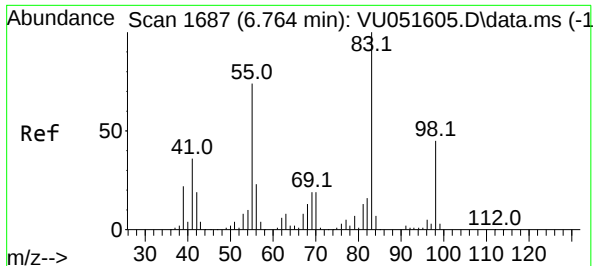
95 100

97 66.5 45.2 84.0

132 93.7 66.5 123.5

130 103.0 68.3 126.8





#35

Methylcyclohexane

Concen: 0.905 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051620.D

Acq: 31 Oct 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

DBWR9

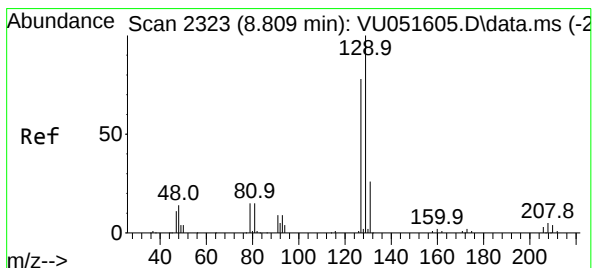
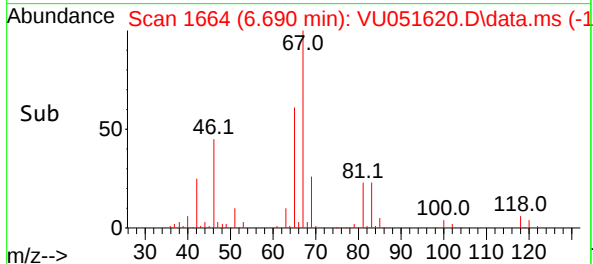
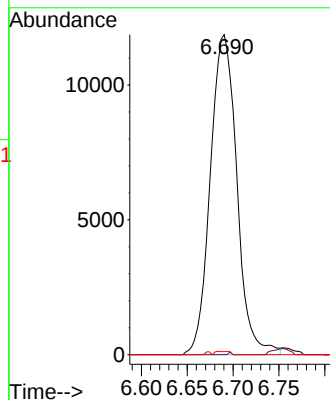
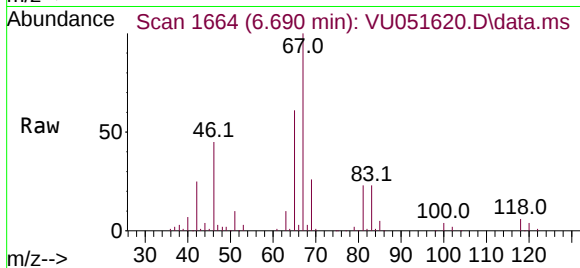
Tgt Ion: 83 Resp: 23937

Ion Ratio Lower Upper

83 100

55 0.1 60.6 90.8#

98 0.6 35.8 53.6#



#49

Dibromochloromethane

Concen: 0.066 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051620.D

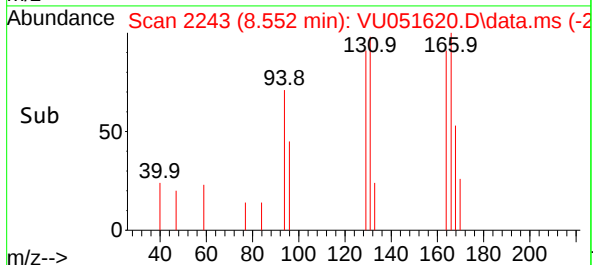
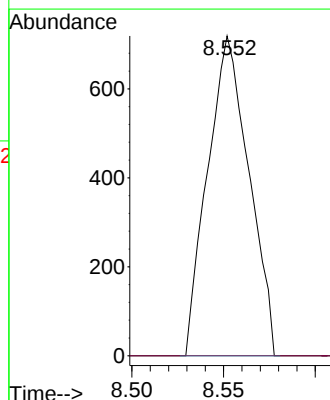
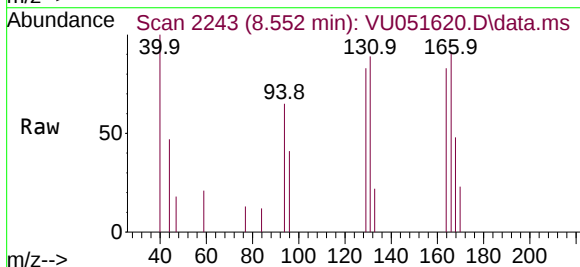
Acq: 31 Oct 2022 18:50

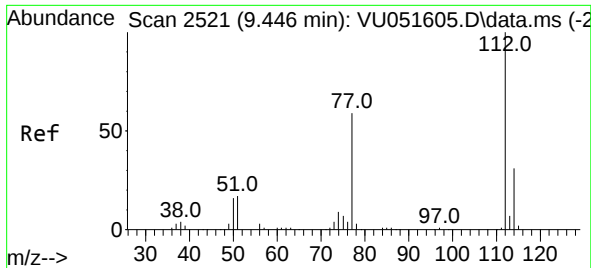
Tgt Ion: 129 Resp: 1125

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#

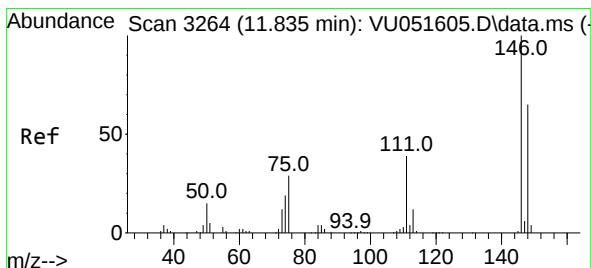
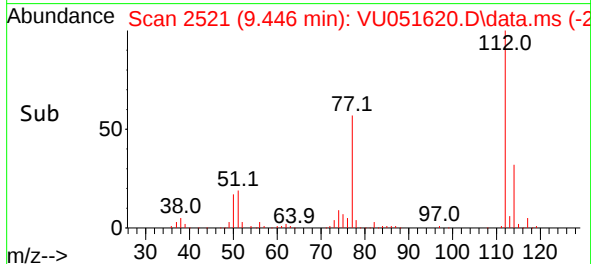
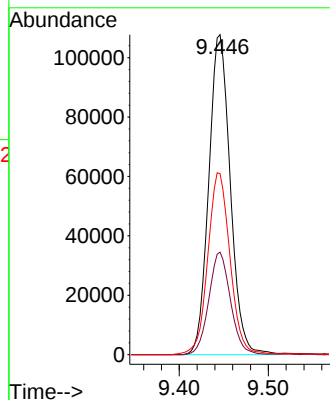
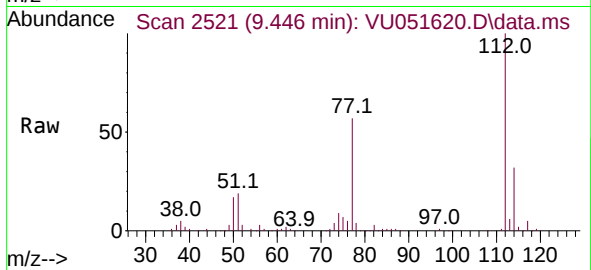




#51
Chlorobenzene
Concen: 3.534 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051620.D
Acq: 31 Oct 2022 18:50

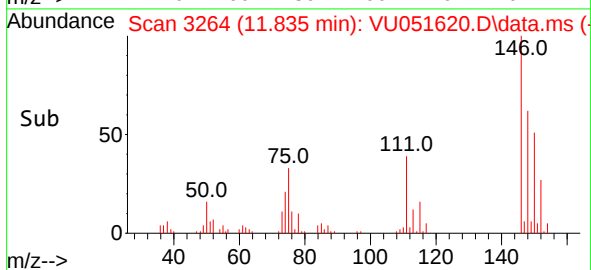
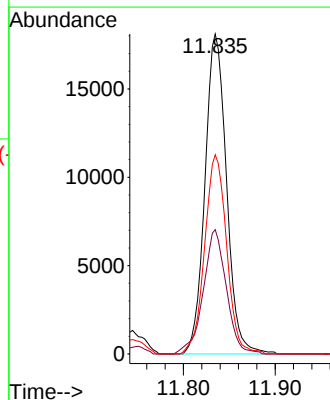
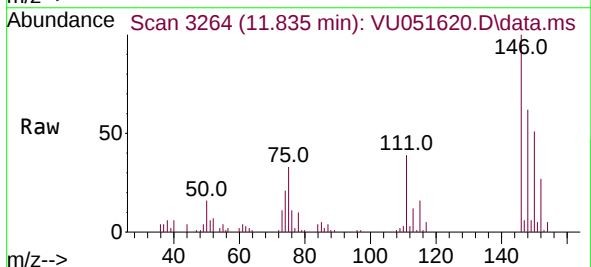
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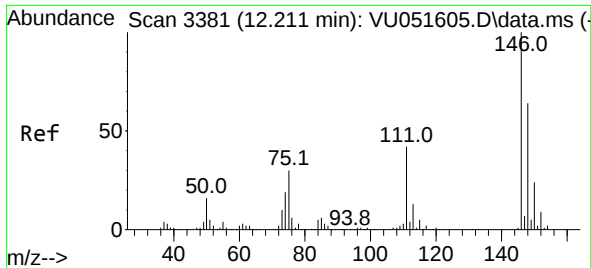
Tgt Ion:112 Resp: 181011
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 56.6 46.7 70.1



#65
1,4-Dichlorobenzene
Concen: 1.013 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051620.D
Acq: 31 Oct 2022 18:50

Tgt Ion:146 Resp: 29659
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.5
148 62.2 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 0.605 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051620.D

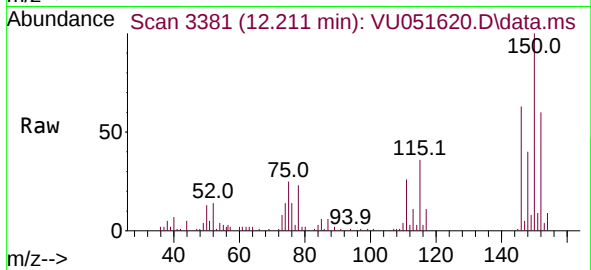
Acq: 31 Oct 2022 18:50

Instrument :

MSVOA_U

ClientSampleId :

DBWR9



Tgt Ion:146 Resp: 17215

Ion Ratio Lower Upper

146 100

111 41.6 34.2 51.2

148 63.2 50.1 75.1

