

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051623.D
 Acq On : 31 Oct 2022 20:04
 Operator : JC/MD
 Sample : N5353-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9

Quant Time: Nov 01 01:30:00 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)

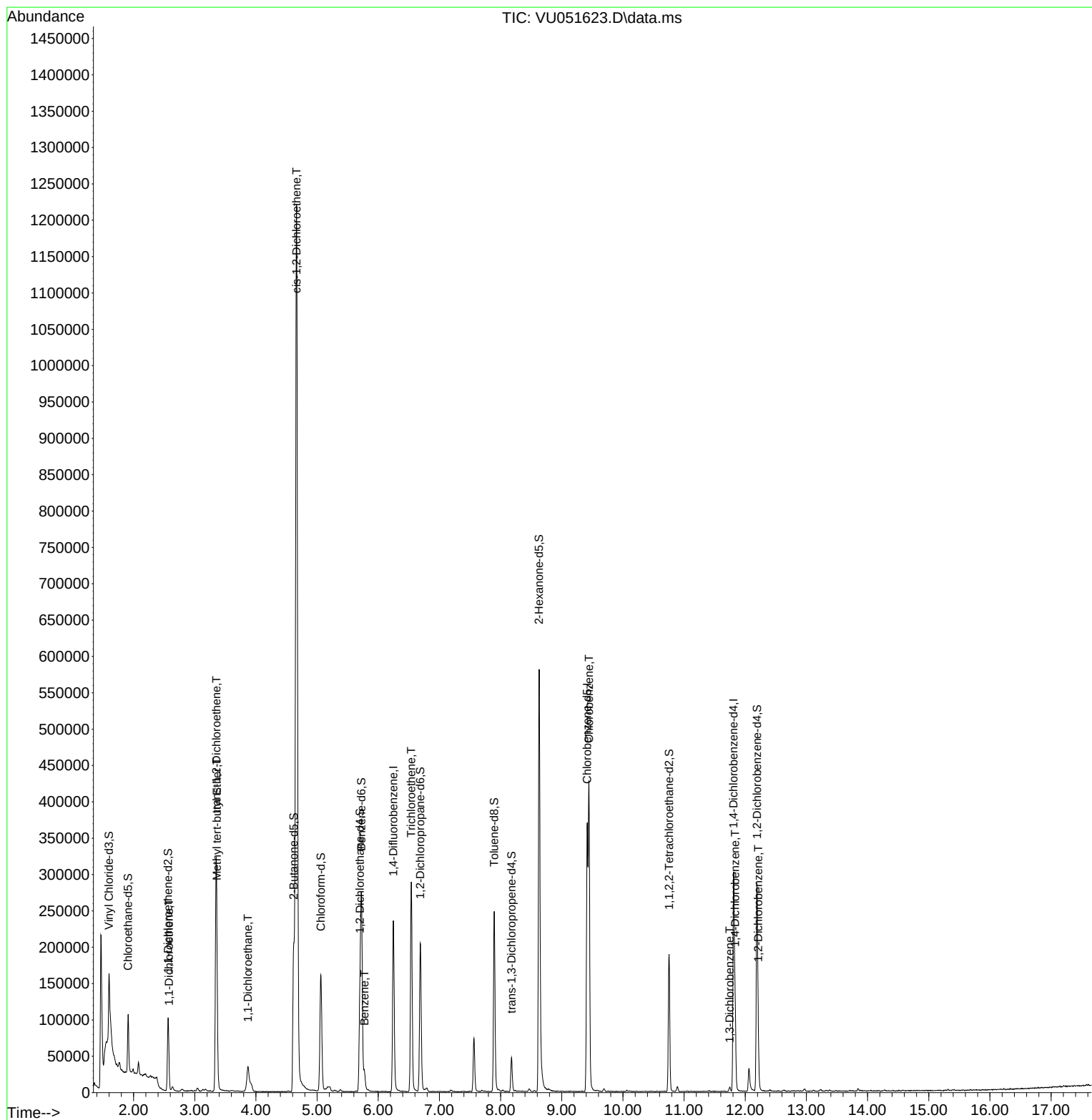
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	191933	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	205099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83876	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50135	3.468	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.909	69	63238	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.565	65	19363	3.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.617	46	283274	54.110	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.220%
24) Chloroform-d	5.063	84	153799	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.700	65	87433	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.726	84	265013	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.687	67	101252	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.896	98	174908	3.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	8.179	79	27863	4.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.629	63	197071	47.307	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.620%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	99212	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	74909	4.866	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	2877	0.172	ug/L	# 1
17) Methyl tert-butyl Ether	3.363	73	10063	0.263	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	137490	7.678	ug/L	98
19) 1,1-Dichloroethane	3.871	63	31502	0.954	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	663813	33.501	ug/L	98
33) Benzene	5.774	78	23958	0.296	ug/L	100
34) Trichloroethene	6.539	95	102740	5.260	ug/L	99
51) Chlorobenzene	9.446	112	226459	4.329	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	2550	0.084	ug/L	92
65) 1,4-Dichlorobenzene	11.835	146	47493	1.554	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	26861	0.905	ug/L	96

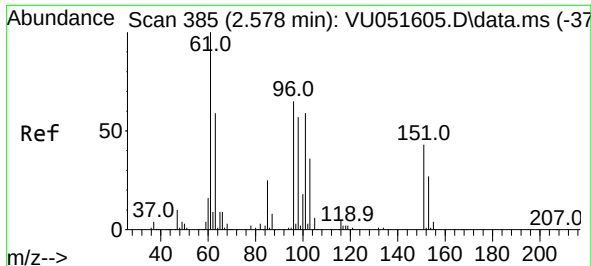
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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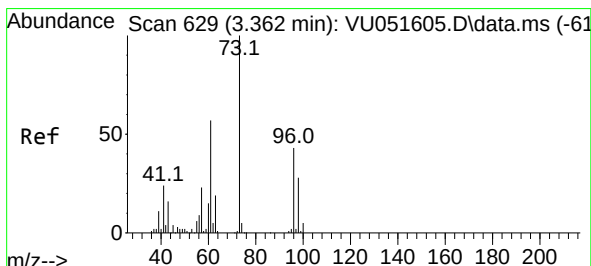
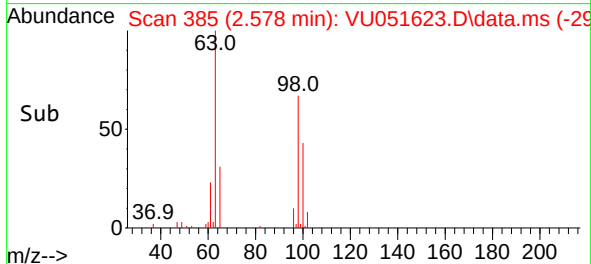
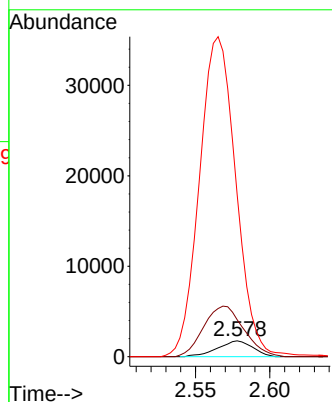
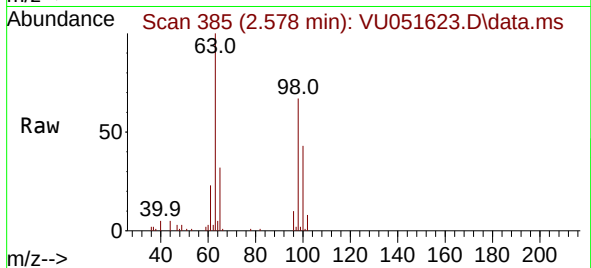




#12
1,1-Dichloroethene
Concen: 0.172 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051623.D
Acq: 31 Oct 2022 20:04

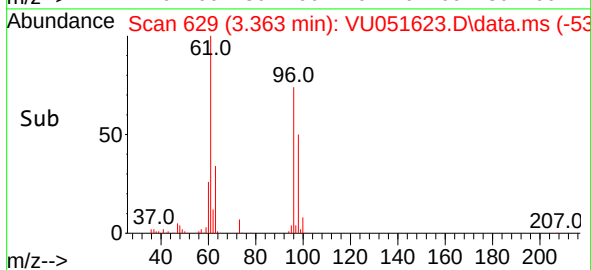
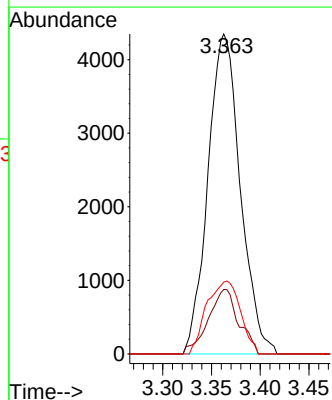
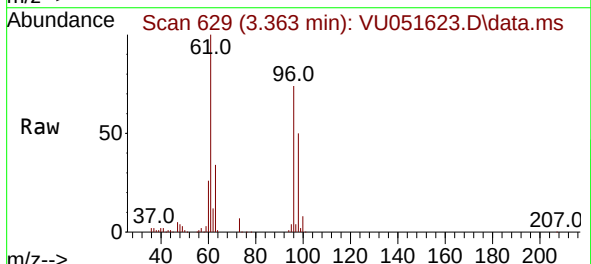
Instrument :
MSVOA_U
ClientSampleId :
DBWW9

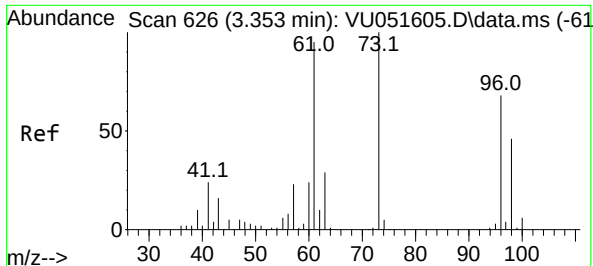
Tgt Ion: 96 Resp: 2877
Ion Ratio Lower Upper
96 100
61 232.4 108.8 202.0#
63 1018.8 64.9 120.5#



#17
Methyl tert-butyl Ether
Concen: 0.263 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU051623.D
Acq: 31 Oct 2022 20:04

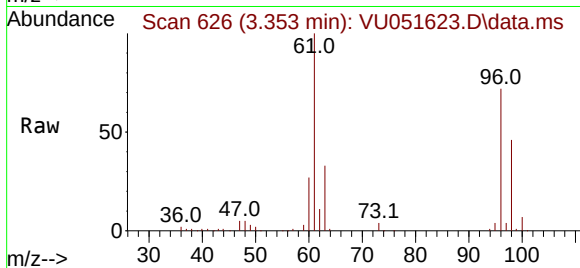
Tgt Ion: 73 Resp: 10063
Ion Ratio Lower Upper
73 100
43 19.0 13.6 20.4
57 23.7 17.5 26.3



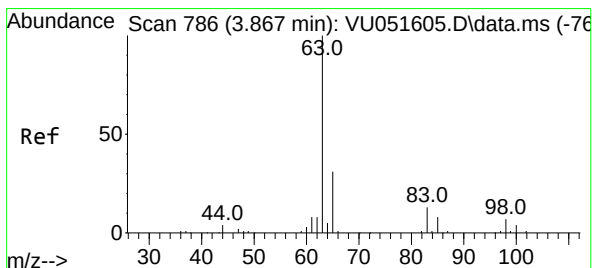
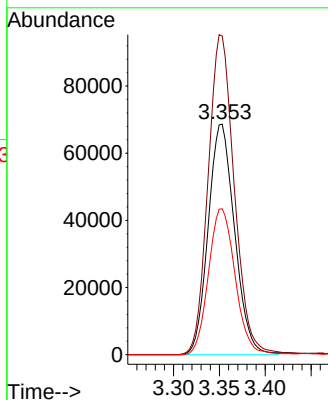
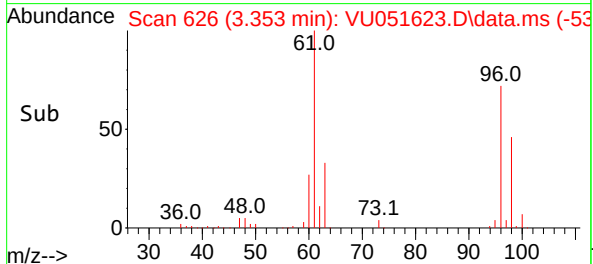


#18
trans-1,2-Dichloroethene
Concen: 7.678 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051623.D
Acq: 31 Oct 2022 20:04

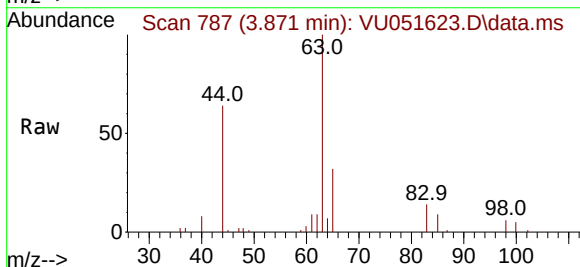
Instrument :
MSVOA_U
ClientSampleId :
DBWW9



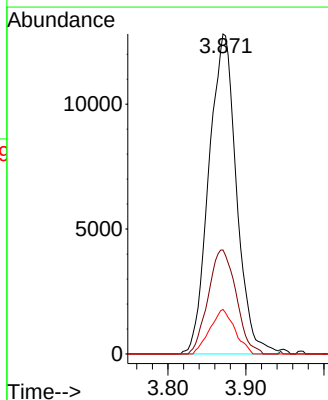
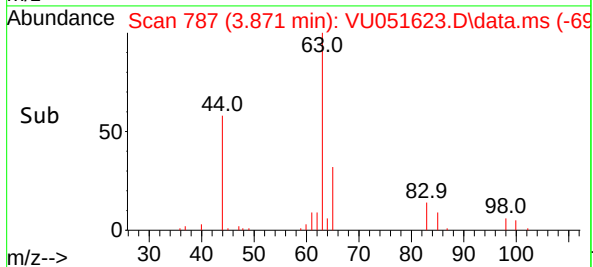
Tgt Ion: 96 Resp: 137490
Ion Ratio Lower Upper
96 100
61 138.2 94.7 175.9
98 63.3 44.2 82.0

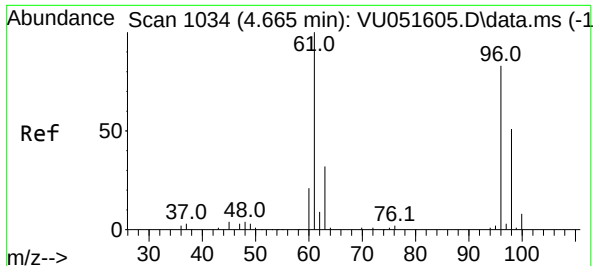


#19
1,1-Dichloroethane
Concen: 0.954 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU051623.D
Acq: 31 Oct 2022 20:04



Tgt Ion: 63 Resp: 31502
Ion Ratio Lower Upper
63 100
65 32.5 22.7 42.1
83 13.9 9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 33.501 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051623.D

Acq: 31 Oct 2022 20:04

Instrument :

MSVOA_U

ClientSampleId :

DBWW9

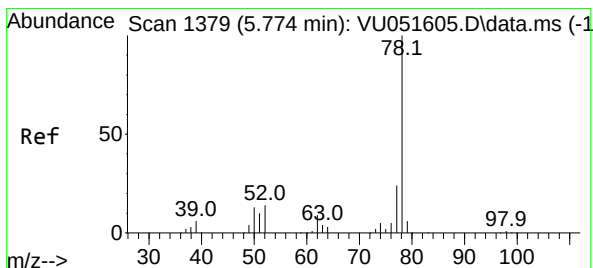
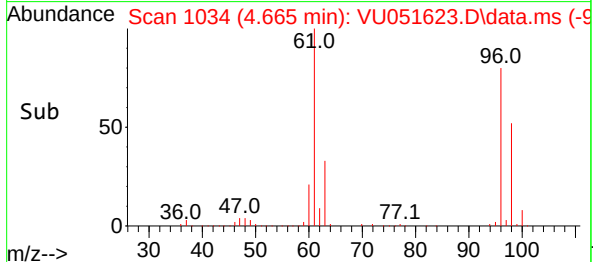
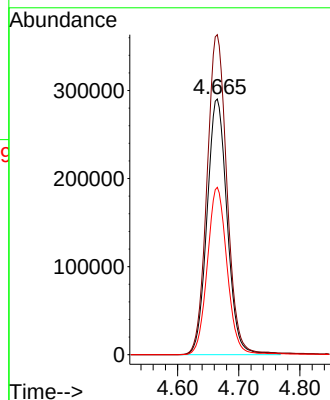
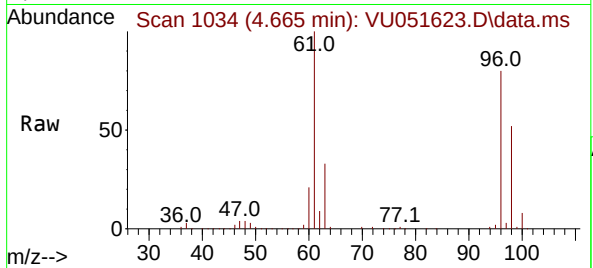
Tgt Ion: 96 Resp: 663813

Ion Ratio Lower Upper

96 100

61 125.1 86.4 160.4

98 65.4 44.2 82.2



#33

Benzene

Concen: 0.296 ug/L

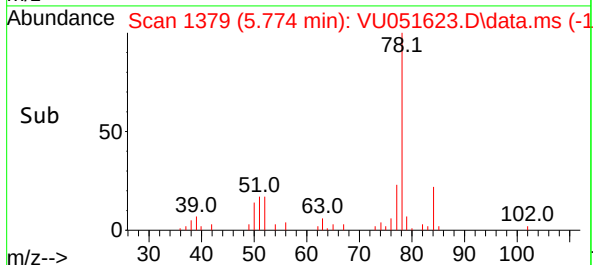
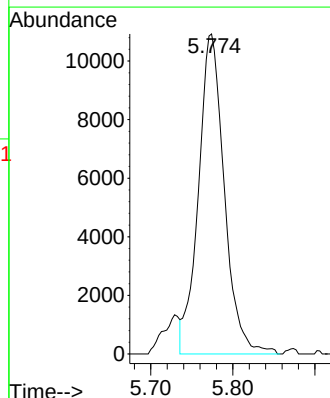
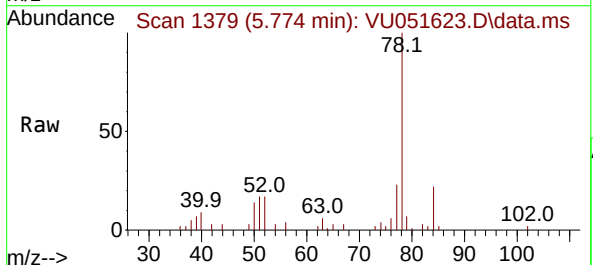
RT: 5.774 min Scan# 1379

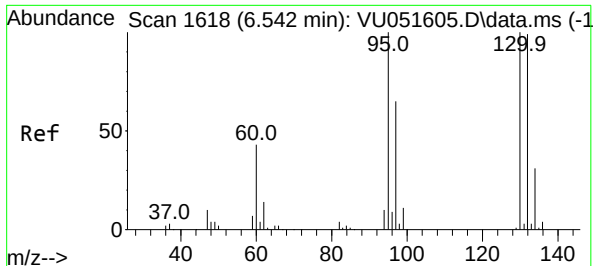
Delta R.T. 0.000 min

Lab File: VU051623.D

Acq: 31 Oct 2022 20:04

Tgt Ion: 78 Resp: 23958

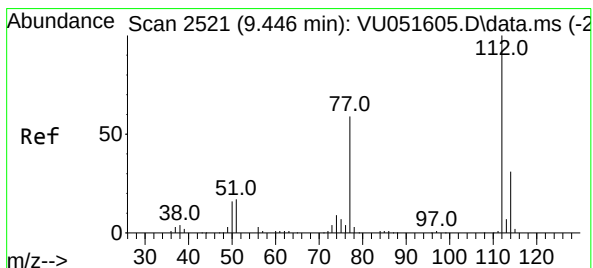
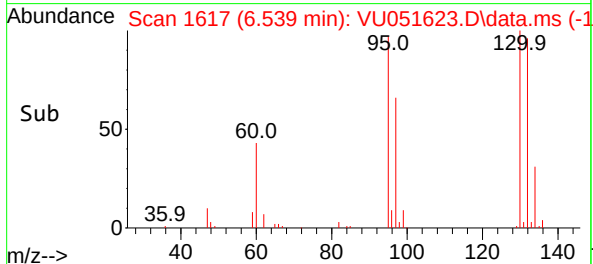
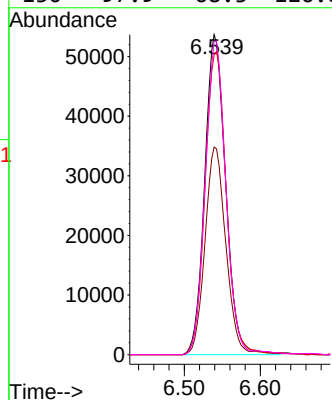
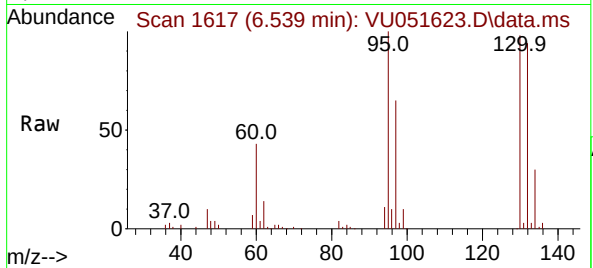




#34
Trichloroethene
Concen: 5.260 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051623.D
Acq: 31 Oct 2022 20:04

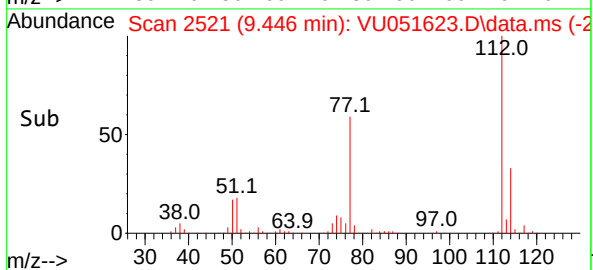
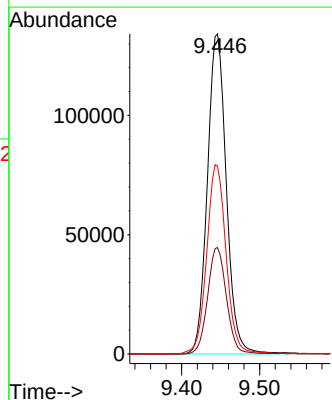
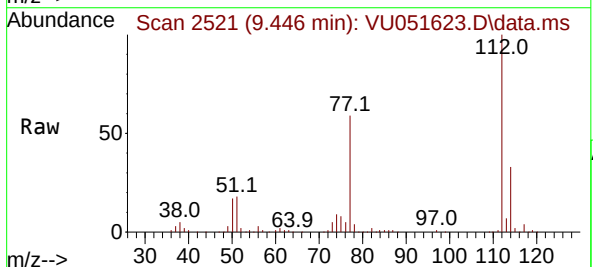
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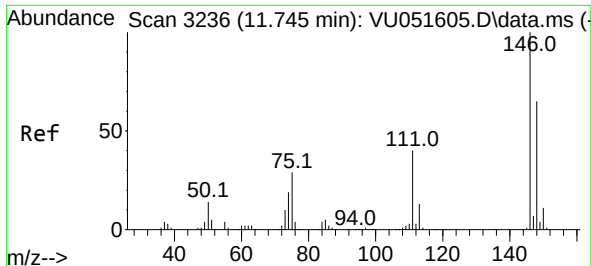
Tgt Ion: 95 Resp: 102740
Ion Ratio Lower Upper
95 100
97 64.9 45.2 84.0
132 93.7 66.5 123.5
130 97.9 68.3 126.8



#51
Chlorobenzene
Concen: 4.329 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051623.D
Acq: 31 Oct 2022 20:04

Tgt Ion: 112 Resp: 226459
Ion Ratio Lower Upper
112 100
114 33.3 22.0 40.8
77 58.7 46.7 70.1

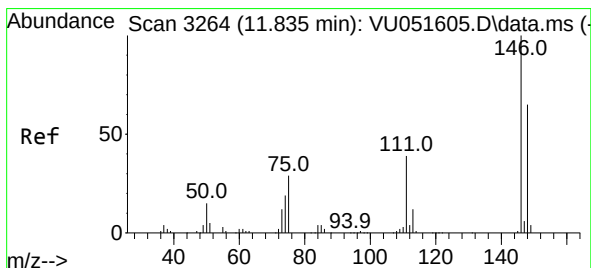
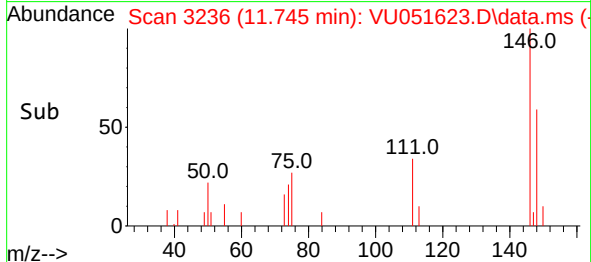
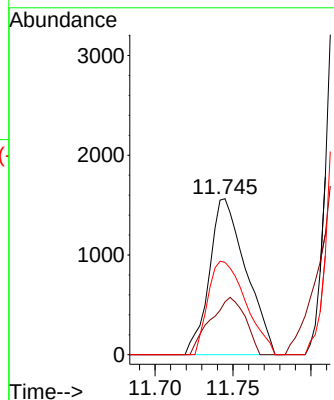
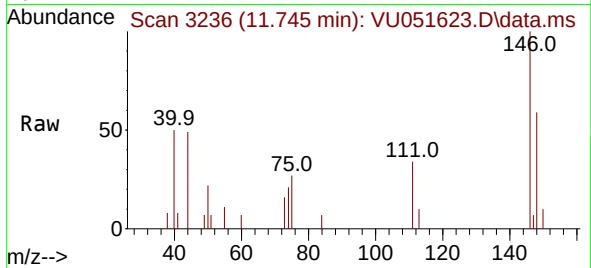




#64
1,3-Dichlorobenzene
Concen: 0.084 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051623.D
Acq: 31 Oct 2022 20:04

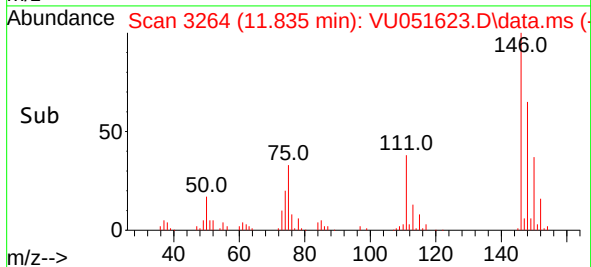
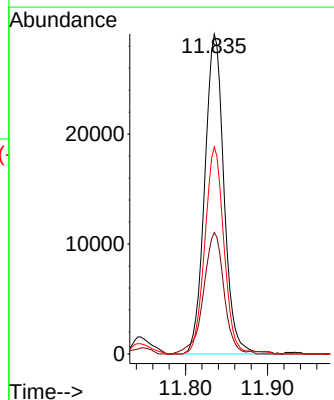
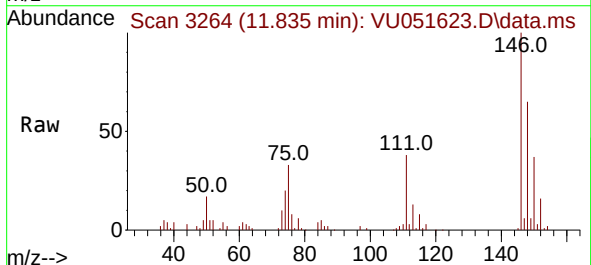
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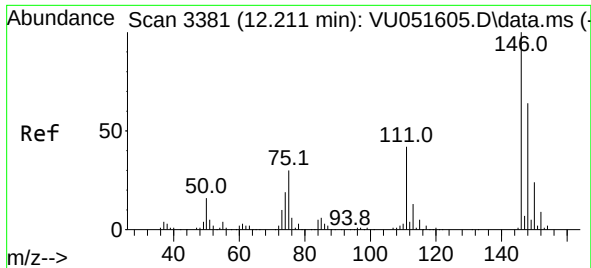
Tgt Ion:146 Resp: 2550
Ion Ratio Lower Upper
146 100
111 33.9 28.6 53.2
148 59.2 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 1.554 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051623.D
Acq: 31 Oct 2022 20:04

Tgt Ion:146 Resp: 47493
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.5
148 64.7 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 0.905 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051623.D

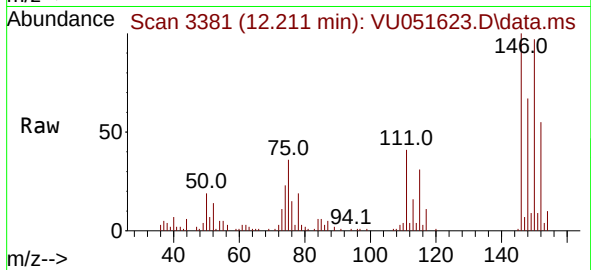
Acq: 31 Oct 2022 20:04

Instrument :

MSVOA_U

ClientSampleId :

DBWW9



Tgt Ion:146 Resp: 26861

Ion Ratio Lower Upper

146 100

111 40.8 34.2 51.2

148 66.9 50.1 75.1

