

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051700.D
 Acq On : 02 Nov 2022 19:00
 Operator : JC/MD
 Sample : N5353-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9

Quant Time: Nov 03 01:50:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

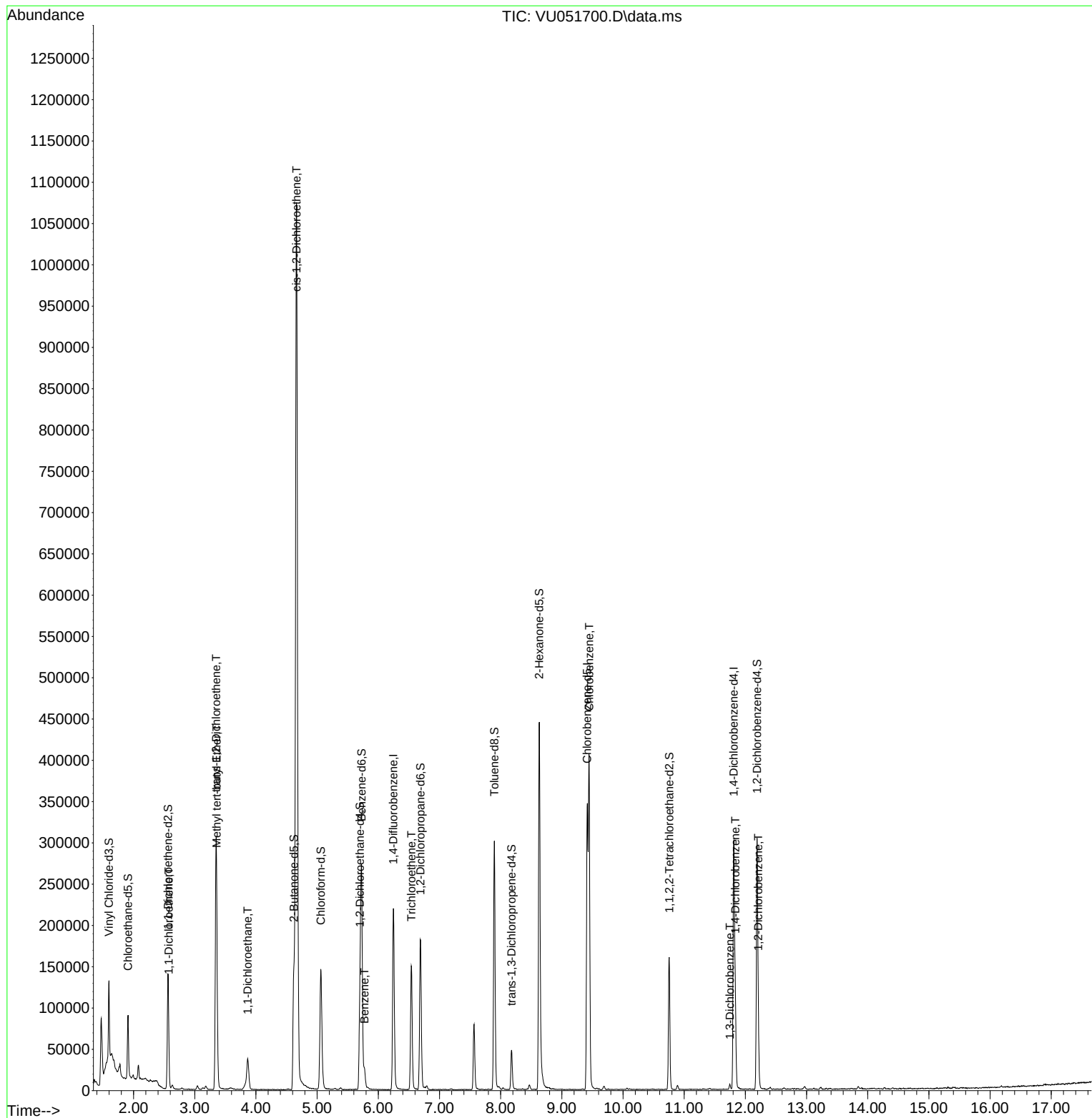
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	183099	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	193039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65083	4.720	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.909	69	61028	4.243	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.800%	
11) 1,1-Dichloroethene-d2	2.562	65	26104	5.216	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	104.400%	
20) 2-Butanone-d5	4.620	46	192979	38.641	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.280%	
24) Chloroform-d	5.060	84	134482	4.167	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
26) 1,2-Dichloroethane-d4	5.700	65	71658	4.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
32) Benzene-d6	5.726	84	268835	4.413	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.687	67	91527	4.297	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.000%	
41) Toluene-d8	7.896	98	206948	4.320	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
43) trans-1,3-Dichloroprop...	8.179	79	27542	4.229	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.629	63	147339	37.579	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.160%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81759	4.188	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	78117	5.108	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	2733	0.172	ug/L	# 1
17) Methyl tert-butyl Ether	3.359	73	10658	0.292	ug/L	96
18) trans-1,2-Dichloroethene	3.350	96	132025	7.728	ug/L	99
19) 1,1-Dichloroethane	3.864	63	32461	1.030	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	588117	31.113	ug/L	99
33) Benzene	5.774	78	22783	0.299	ug/L	100
34) Trichloroethene	6.539	95	52145	2.836	ug/L	99
51) Chlorobenzene	9.446	112	220296	4.474	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	2545	0.084	ug/L	88
65) 1,4-Dichlorobenzene	11.835	146	46382	1.528	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	26499	0.898	ug/L	97

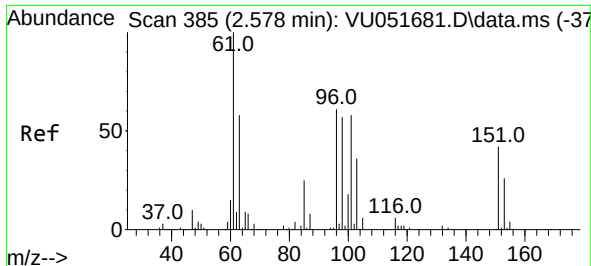
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.172 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU051700.D

Acq: 02 Nov 2022 19:00

Instrument :

MSVOA_U

ClientSampleId :

DBWW9

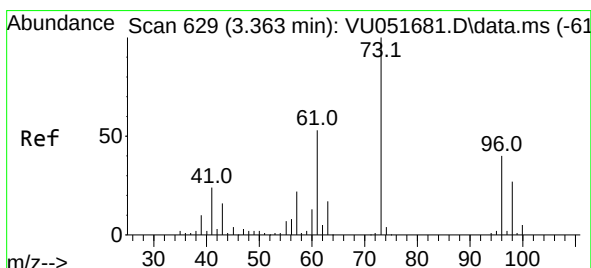
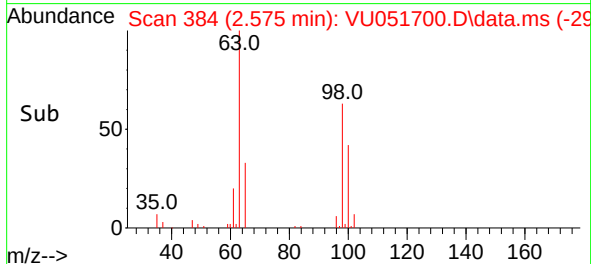
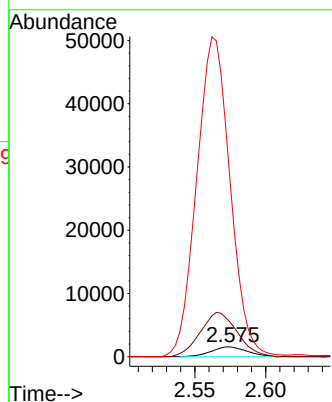
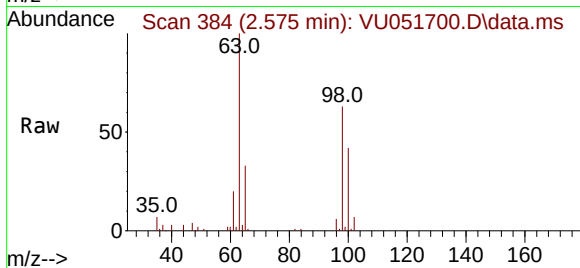
Tgt Ion: 96 Resp: 2733

Ion Ratio Lower Upper

96 100

61 352.1 108.8 202.0#

63 1792.5 64.9 120.5#



#17

Methyl tert-butyl Ether

Concen: 0.292 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU051700.D

Acq: 02 Nov 2022 19:00

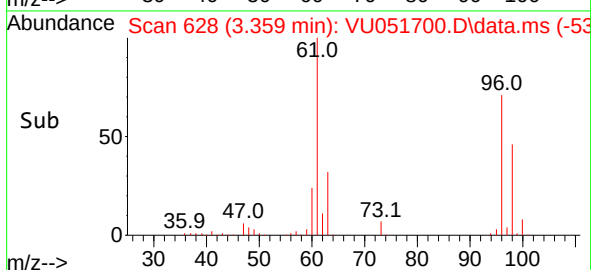
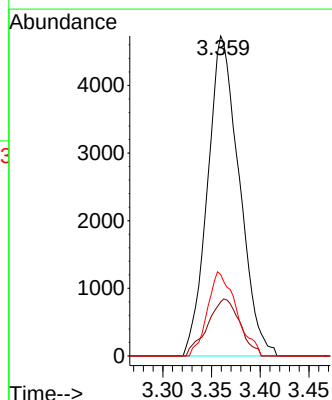
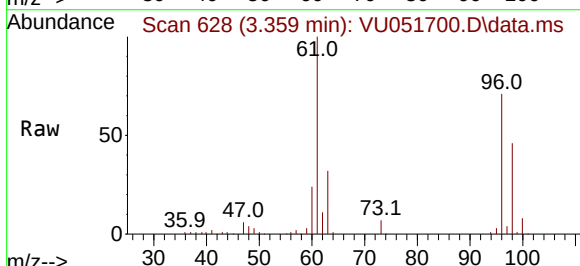
Tgt Ion: 73 Resp: 10658

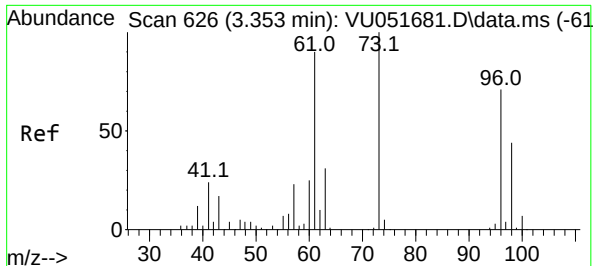
Ion Ratio Lower Upper

73 100

43 18.2 13.6 20.4

57 24.0 17.5 26.3





#18

trans-1,2-Dichloroethene

Concen: 7.728 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051700.D

Acq: 02 Nov 2022 19:00

Instrument :

MSVOA_U

ClientSampleId :

DBWW9

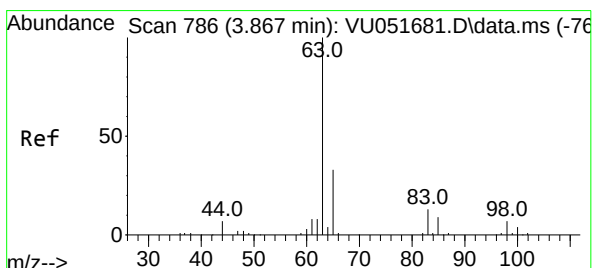
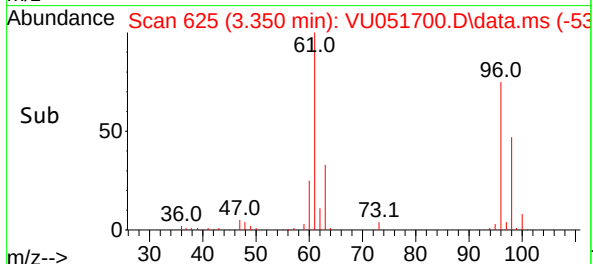
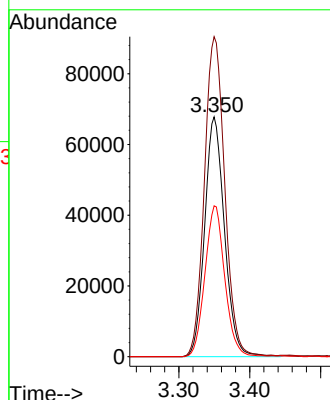
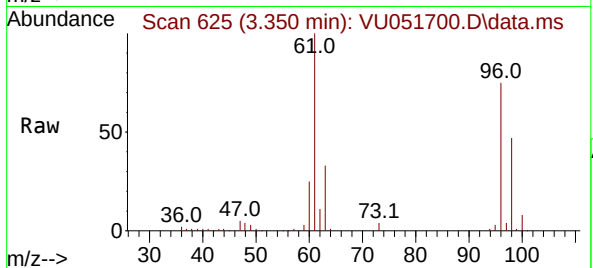
Tgt Ion: 96 Resp: 132025

Ion Ratio Lower Upper

96 100

61 133.4 94.7 175.9

98 62.9 44.2 82.0



#19

1,1-Dichloroethane

Concen: 1.030 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU051700.D

Acq: 02 Nov 2022 19:00

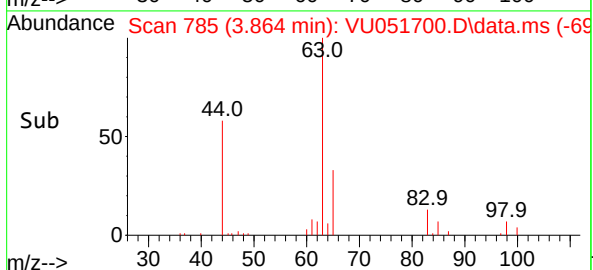
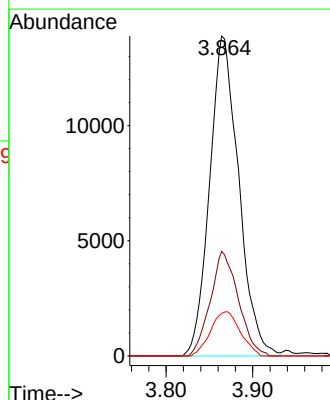
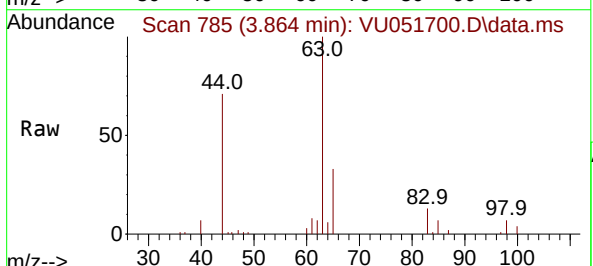
Tgt Ion: 63 Resp: 32461

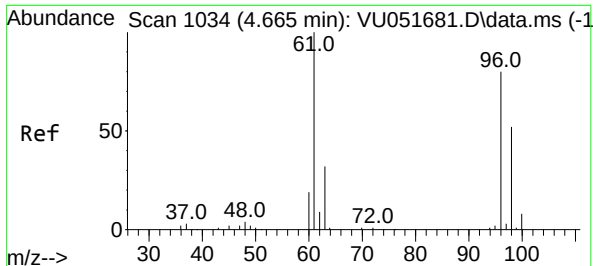
Ion Ratio Lower Upper

63 100

65 32.7 22.7 42.1

83 13.3 9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 31.113 ug/L

RT: 4.662 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU051700.D

Acq: 02 Nov 2022 19:00

Instrument :

MSVOA_U

ClientSampleId :

DBWW9

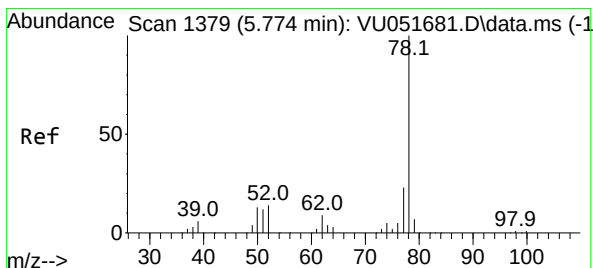
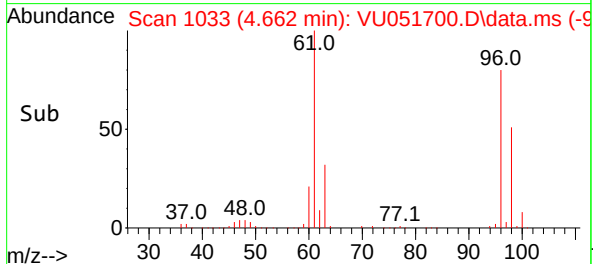
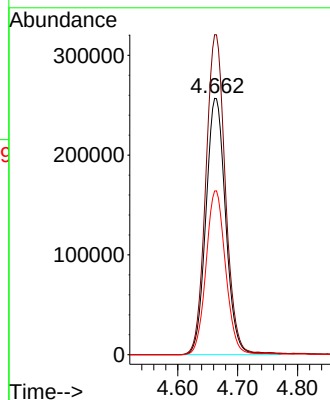
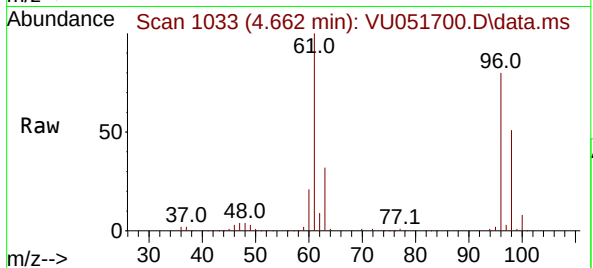
Tgt Ion: 96 Resp: 588117

Ion Ratio Lower Upper

96 100

61 124.8 86.4 160.4

98 63.8 44.2 82.2



#33

Benzene

Concen: 0.299 ug/L

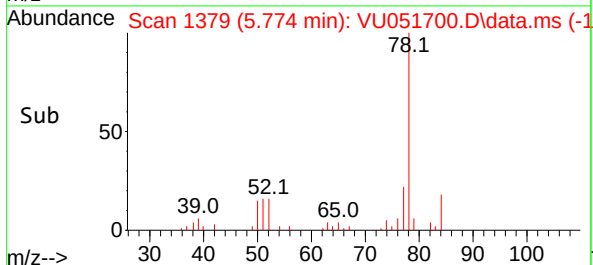
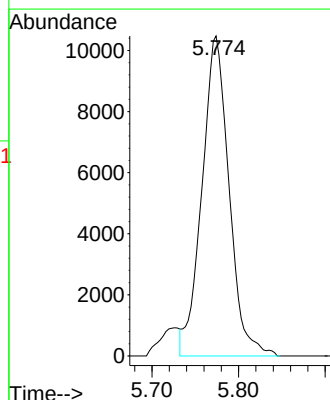
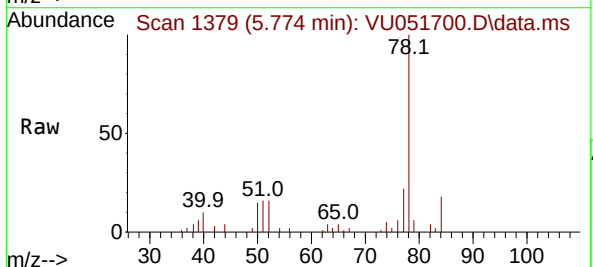
RT: 5.774 min Scan# 1379

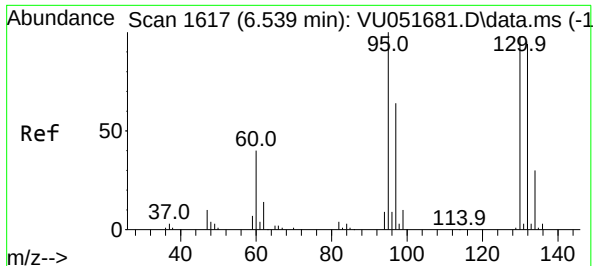
Delta R.T. 0.000 min

Lab File: VU051700.D

Acq: 02 Nov 2022 19:00

Tgt Ion: 78 Resp: 22783

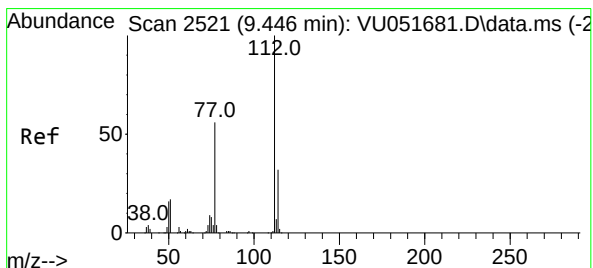
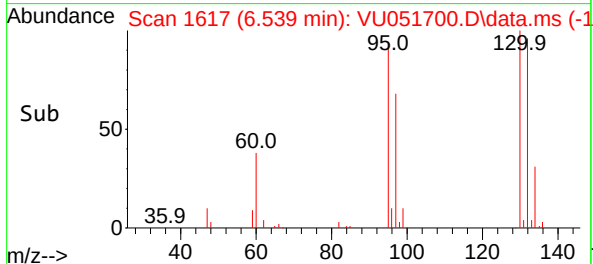
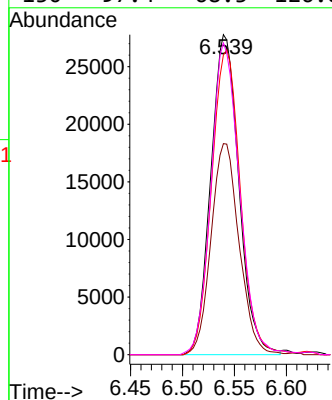
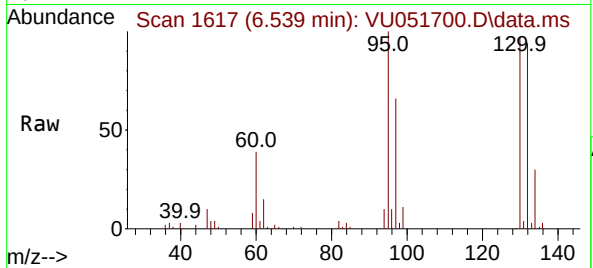




#34
Trichloroethene
Concen: 2.836 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051700.D
Acq: 02 Nov 2022 19:00

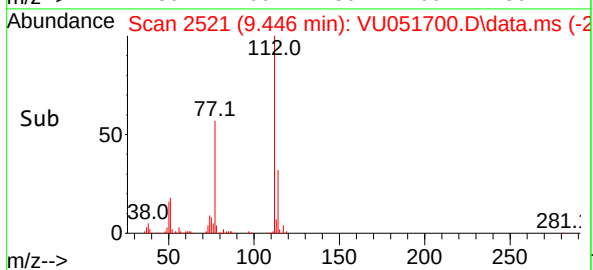
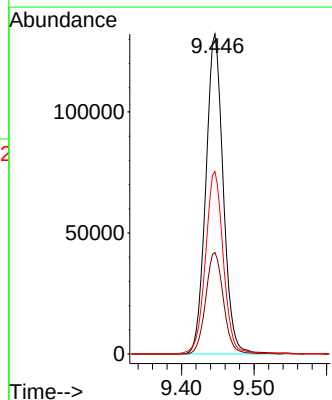
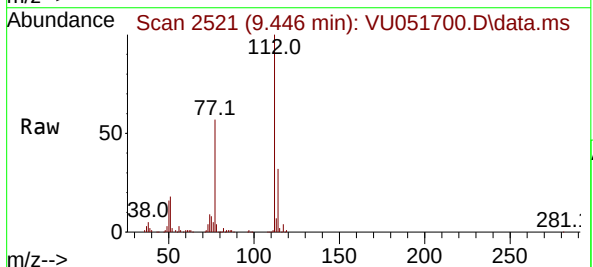
Instrument :
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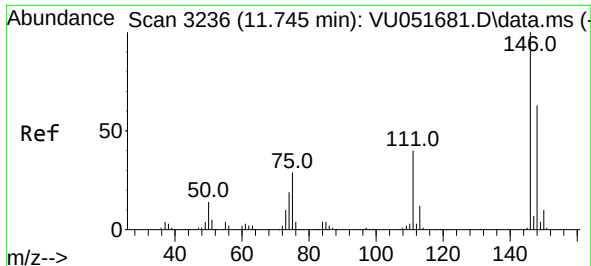
Tgt Ion: 95 Resp: 52145
Ion Ratio Lower Upper
95 100
97 66.0 45.2 84.0
132 93.6 66.5 123.5
130 97.4 68.3 126.8



#51
Chlorobenzene
Concen: 4.474 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051700.D
Acq: 02 Nov 2022 19:00

Tgt Ion: 112 Resp: 220296
Ion Ratio Lower Upper
112 100
114 31.7 22.0 40.8
77 57.0 46.7 70.1

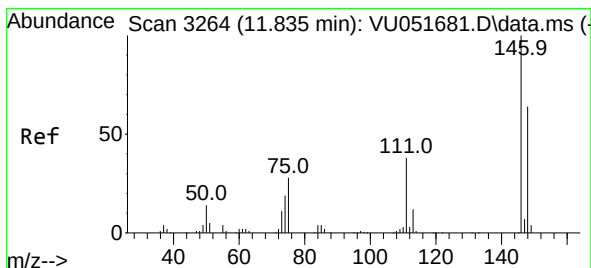
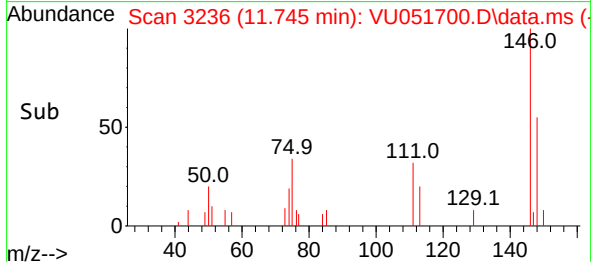
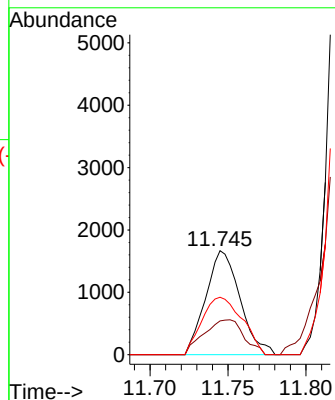
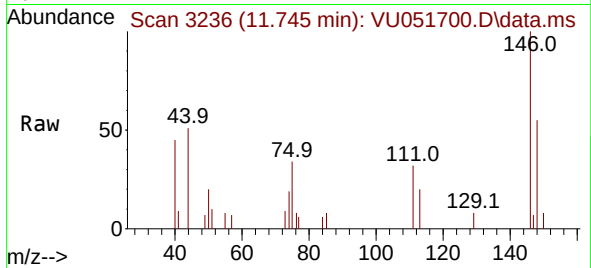




#64
1,3-Dichlorobenzene
Concen: 0.084 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051700.D
Acq: 02 Nov 2022 19:00

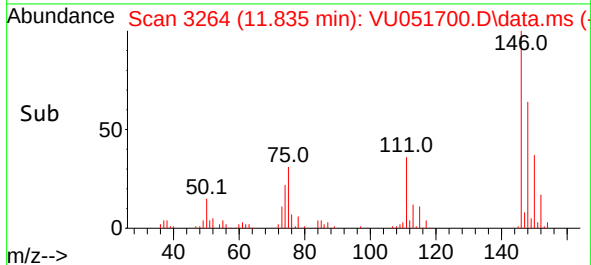
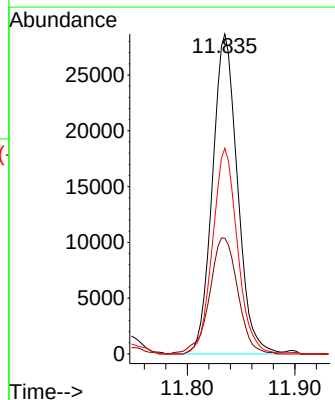
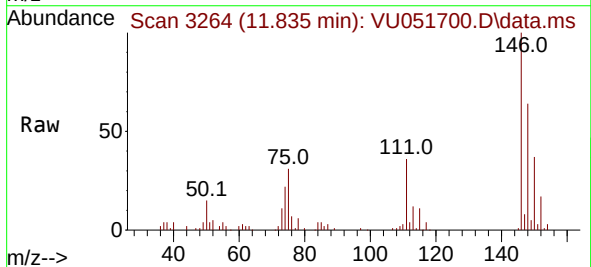
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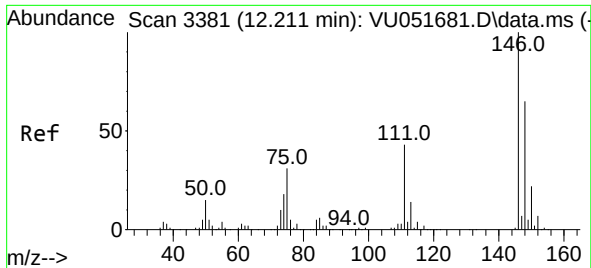
Tgt Ion:146 Resp: 2545
Ion Ratio Lower Upper
146 100
111 32.5 28.6 53.2
148 55.2 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 1.528 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051700.D
Acq: 02 Nov 2022 19:00

Tgt Ion:146 Resp: 46382
Ion Ratio Lower Upper
146 100
111 36.2 26.7 49.5
148 64.2 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 0.898 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051700.D

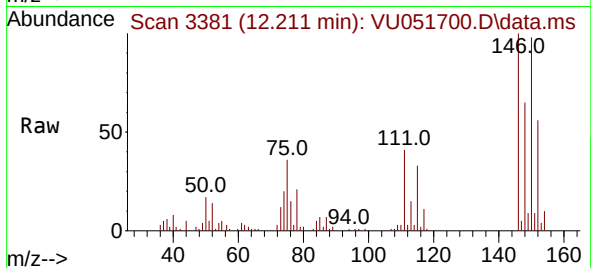
Acq: 02 Nov 2022 19:00

Instrument :

MSVOA_U

ClientSampleId :

DBWW9



Tgt Ion:146 Resp: 26499

Ion Ratio Lower Upper

146 100

111 40.7 34.2 51.2

148 65.1 50.1 75.1

