

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027324.D
 Acq On : 12 Aug 2022 11:49
 Operator : SY/MD
 Sample : N4164-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 01:36:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 08:00:46 2022
 Response via : Initial Calibration

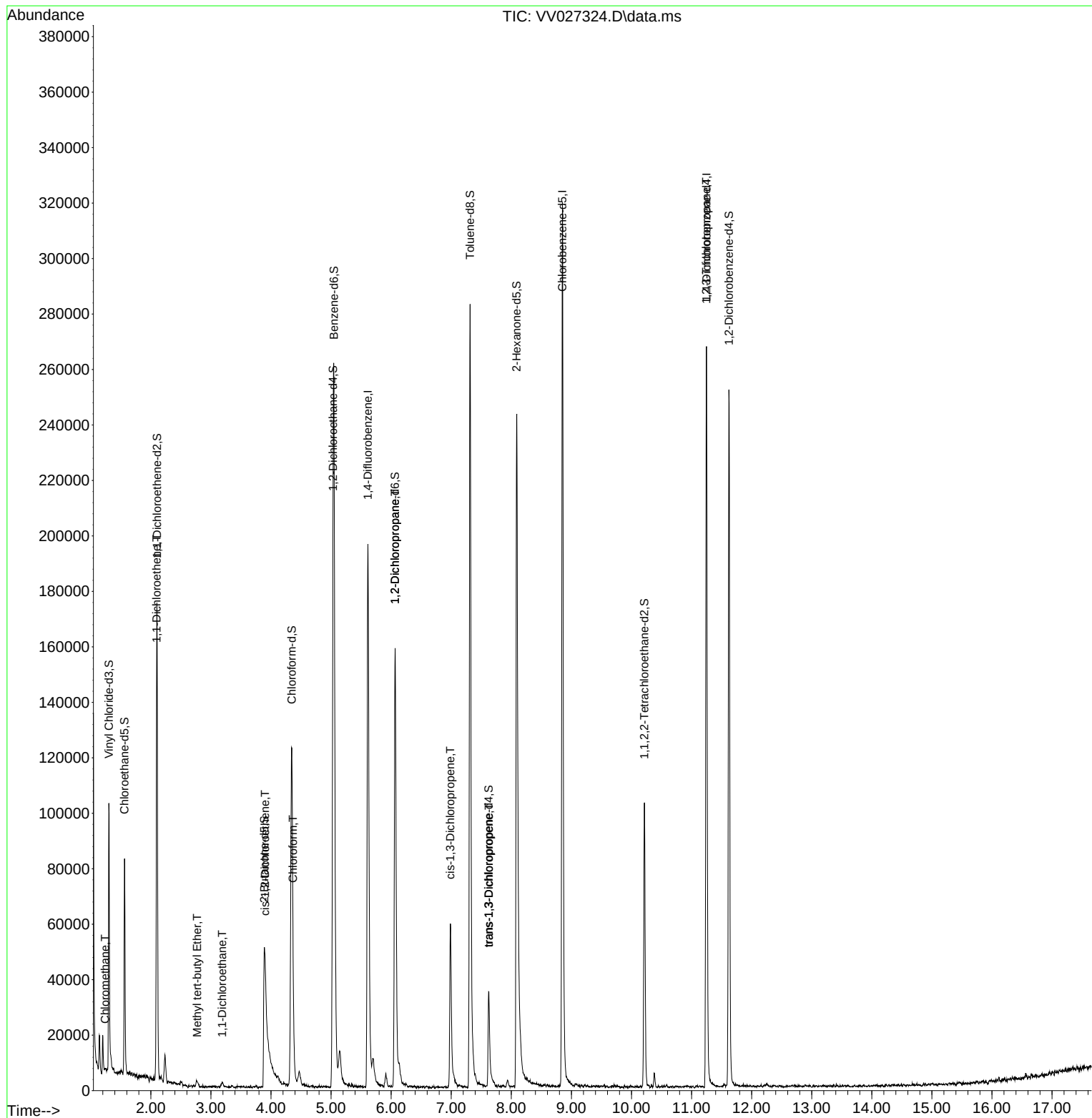
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	161693	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	173218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	69295	4.933	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.600%	
7) Chloroethane-d5	1.561	69	49112	4.814	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.102	63	91430	3.589	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	3.889	46	115435	48.520	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.040%	
24) Chloroform-d	4.346	84	128095	4.972	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.031	65	60998	4.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.047	84	232552	4.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.066	67	72860	4.612	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.314	98	193482	4.136	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	7.622	79	22375	4.089	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.800%	
46) 2-Hexanone-d5	8.088	63	83514	39.433	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.860%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50038	4.378	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	63204	5.324	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.400%	
Target Compounds						
3) Chloromethane	1.237	50	1034	0.054	ug/L	100
12) 1,1-Dichloroethene	2.095	96	934	0.080	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	1556	0.057	ug/L #	74
19) 1,1-Dichloroethane	3.185	63	1928	0.070	ug/L #	78
22) cis-1,2-Dichloroethene	3.902	96	585	0.042	ug/L	71
25) Chloroform	4.365	83	3669	0.130	ug/L	96
37) 1,2-Dichloropropane	6.066	63	8344	0.570	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	1478	0.083	ug/L #	58
44) trans-1,3-Dichloropropene	7.625	75	1211	0.077	ug/L	98
61) 1,2,3-Trichloropropane	11.246	75	8137	1.228	ug/L #	68

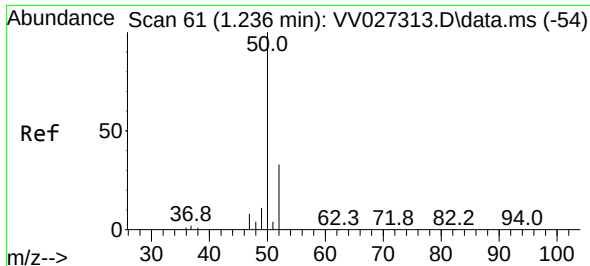
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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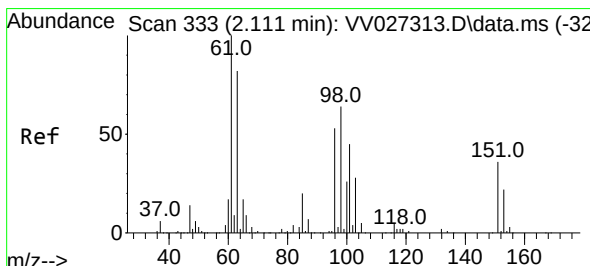
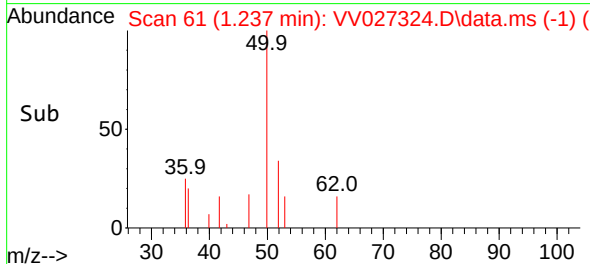
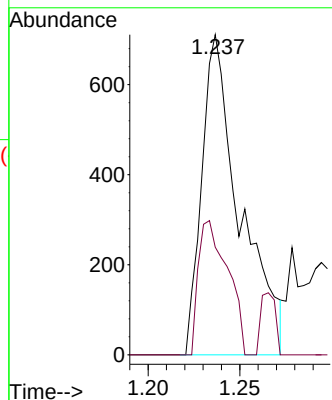
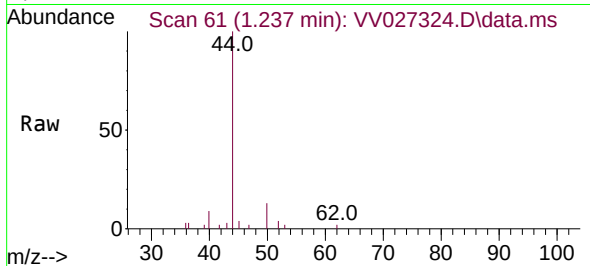




#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027324.D
Acq: 12 Aug 2022 11:49

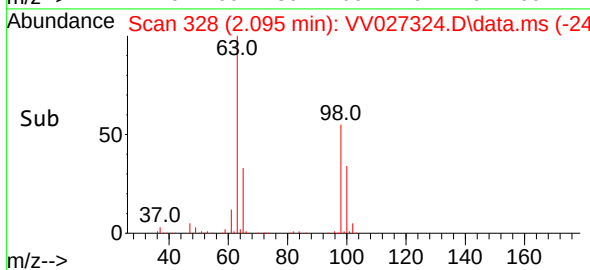
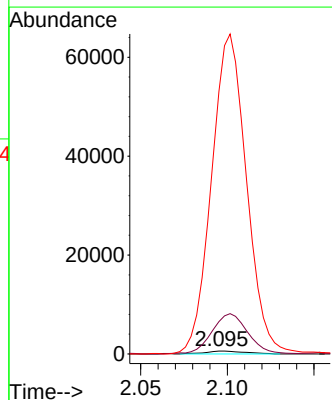
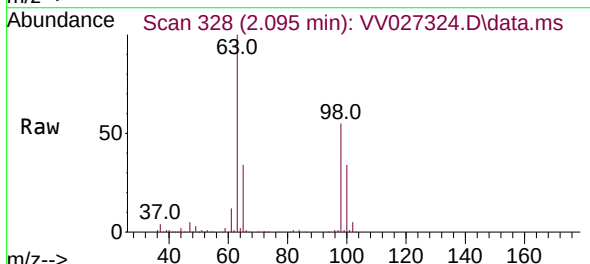
Instrument :
MSVOA_V
ClientSampleId :

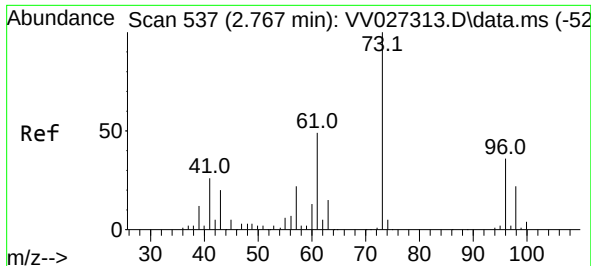
Tgt Ion: 50 Resp: 1034
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.4



#12
1,1-Dichloroethene
Concen: 0.080 ug/L
RT: 2.095 min Scan# 328
Delta R.T. -0.016 min
Lab File: VV027324.D
Acq: 12 Aug 2022 11:49

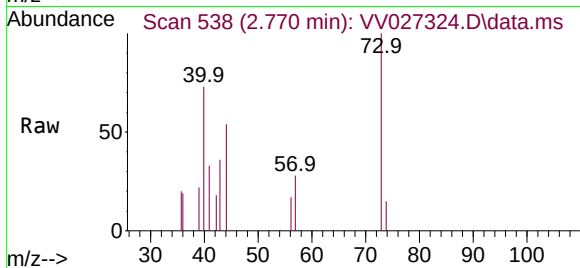
Tgt Ion: 96 Resp: 934
Ion Ratio Lower Upper
96 100
61 1112.1 130.7 242.7#
63 9023.1 101.4 188.2#



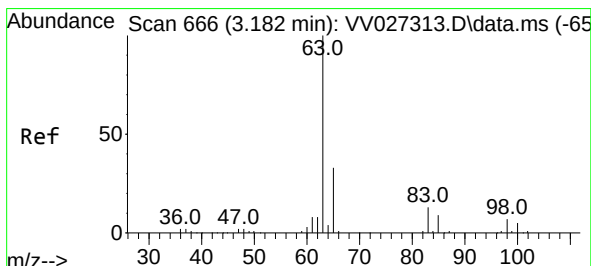
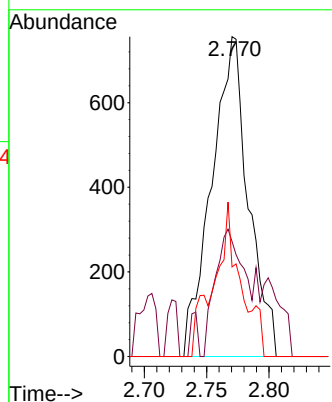
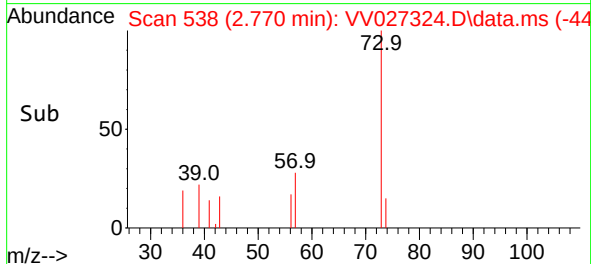


#17
Methyl tert-butyl Ether
Concen: 0.057 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027324.D
Acq: 12 Aug 2022 11:49

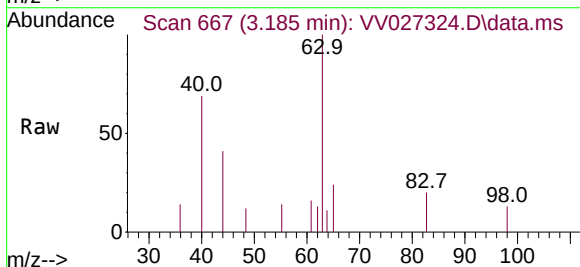
Instrument :
MSVOA_V
ClientSampleId :



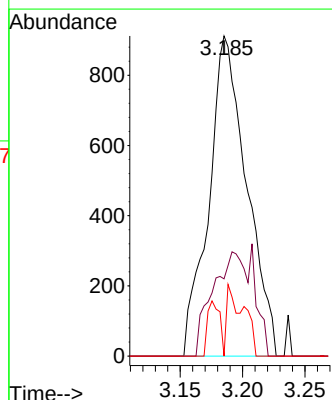
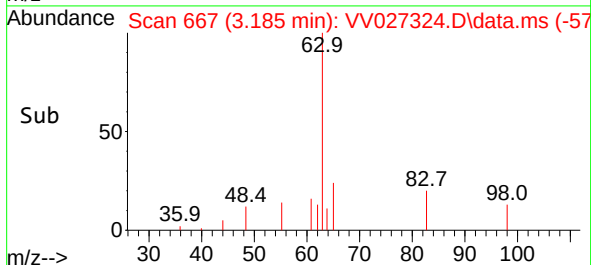
Tgt Ion: 73 Resp: 1556
Ion Ratio Lower Upper
73 100
43 31.3 15.8 23.8#
57 35.5 18.3 27.5#

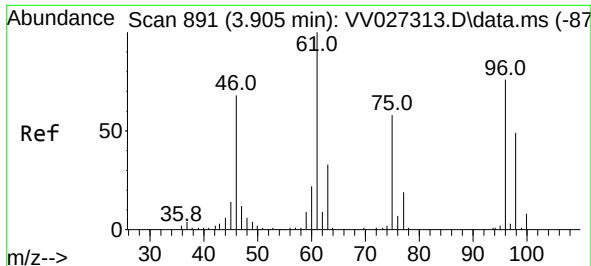


#19
1,1-Dichloroethane
Concen: 0.070 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV027324.D
Acq: 12 Aug 2022 11:49



Tgt Ion: 63 Resp: 1928
Ion Ratio Lower Upper
63 100
65 21.7 21.6 40.2
83 0.0 9.3 17.3#





#22

cis-1,2-Dichloroethene

Concen: 0.042 ug/L

RT: 3.902 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV027324.D

Acq: 12 Aug 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

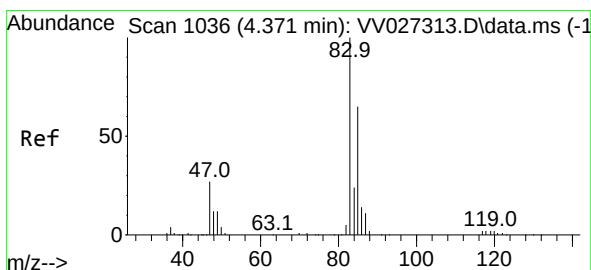
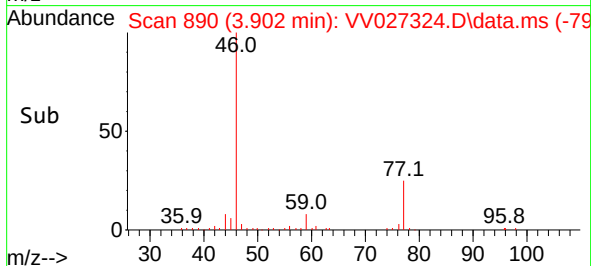
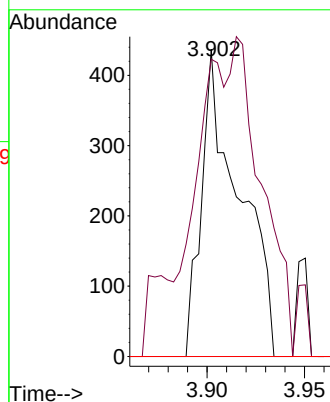
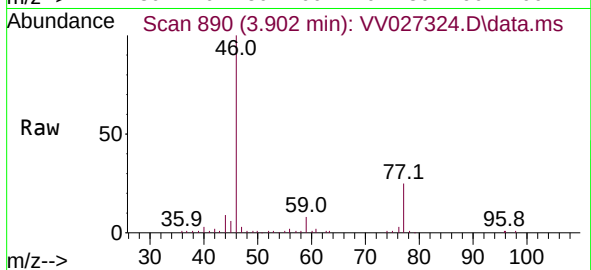
Tgt Ion: 96 Resp: 585

Ion Ratio Lower Upper

96 100

61 96.8 91.3 169.5

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.130 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VV027324.D

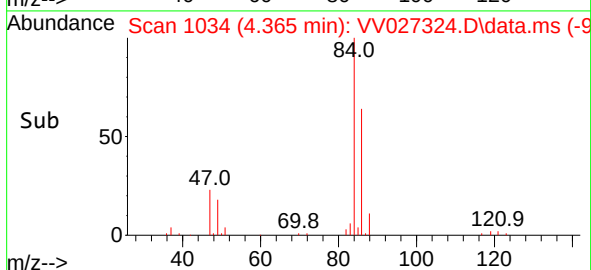
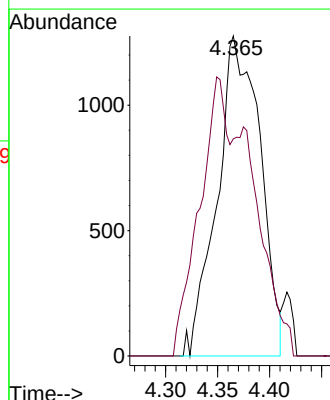
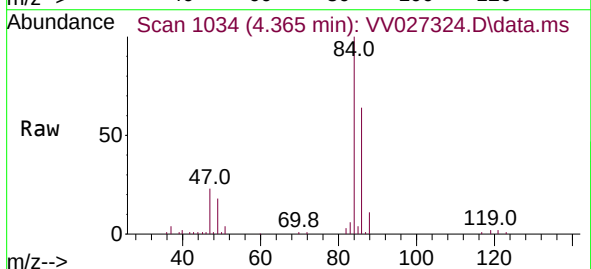
Acq: 12 Aug 2022 11:49

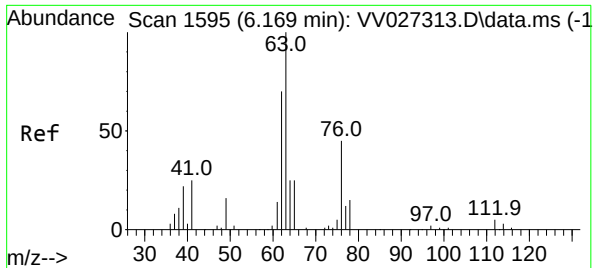
Tgt Ion: 83 Resp: 3669

Ion Ratio Lower Upper

83 100

85 67.9 45.2 84.0





#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027324.D

Acq: 12 Aug 2022 11:49

Instrument :

MSVOA_V

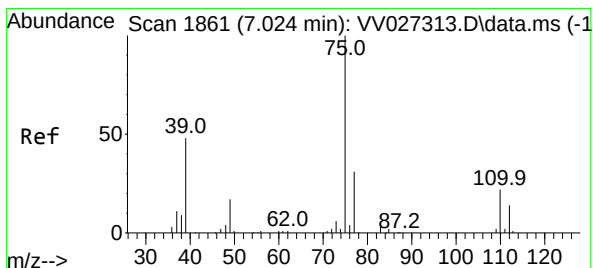
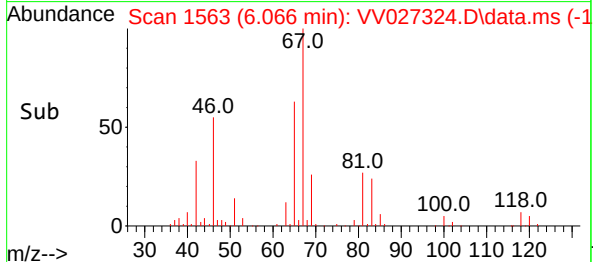
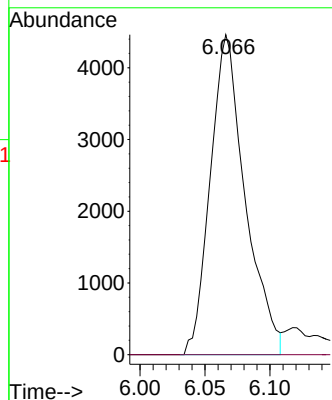
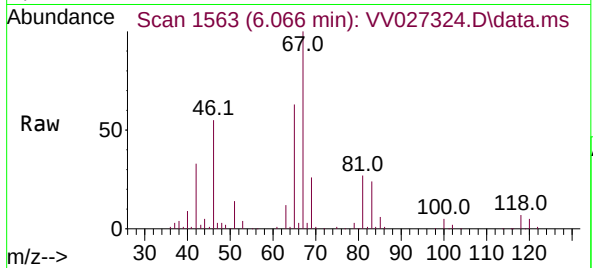
ClientSampleId :

Tgt Ion: 63 Resp: 8344

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV027324.D

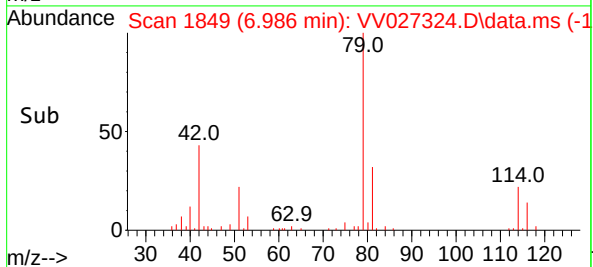
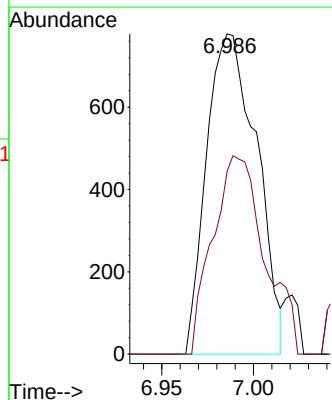
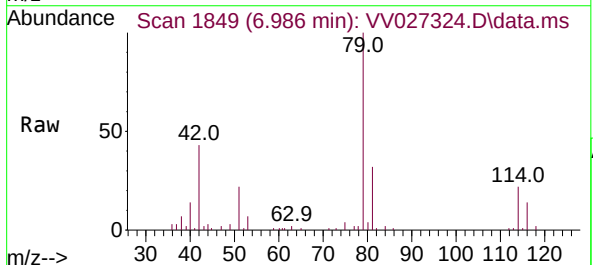
Acq: 12 Aug 2022 11:49

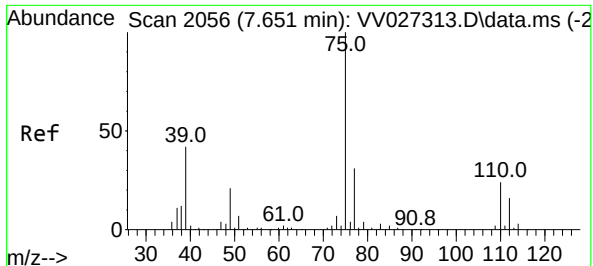
Tgt Ion: 75 Resp: 1478

Ion Ratio Lower Upper

75 100

77 57.1 23.2 43.0#

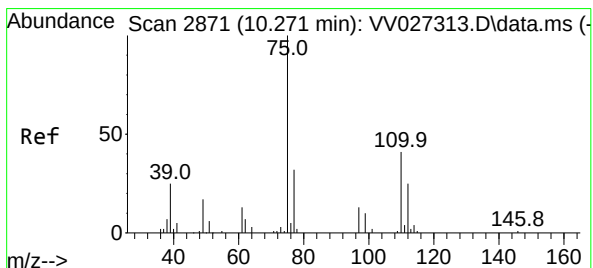
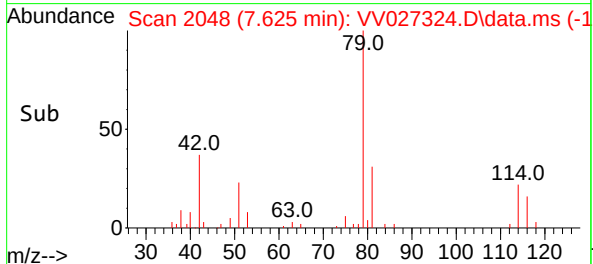
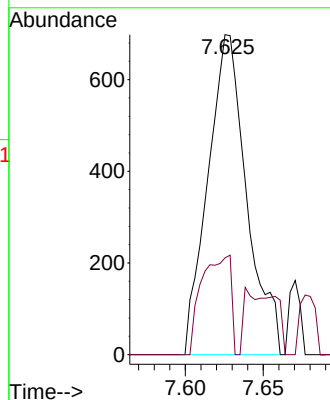
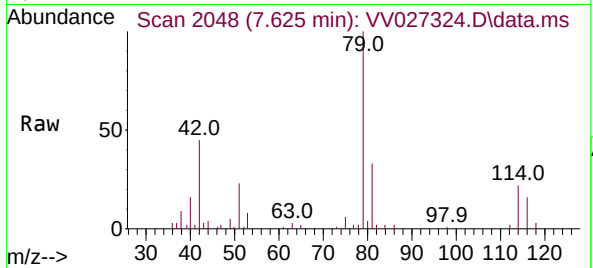




#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.625 min Scan# 2056
Delta R.T. -0.025 min
Lab File: VV027324.D
Acq: 12 Aug 2022 11:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1211
Ion Ratio Lower Upper
75 100
77 30.2 21.9 40.7



#61
1,2,3-Trichloropropane
Concen: 1.228 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.975 min
Lab File: VV027324.D
Acq: 12 Aug 2022 11:49

Tgt Ion: 75 Resp: 8137
Ion Ratio Lower Upper
75 100
77 33.0 26.6 39.8
110 3.2 31.0 46.6#

