

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027305.D
 Acq On : 12 Aug 2022 03:07
 Operator : SY/MD
 Sample : NN4162-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 05:48:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 02:11:44 2022
 Response via : Initial Calibration

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

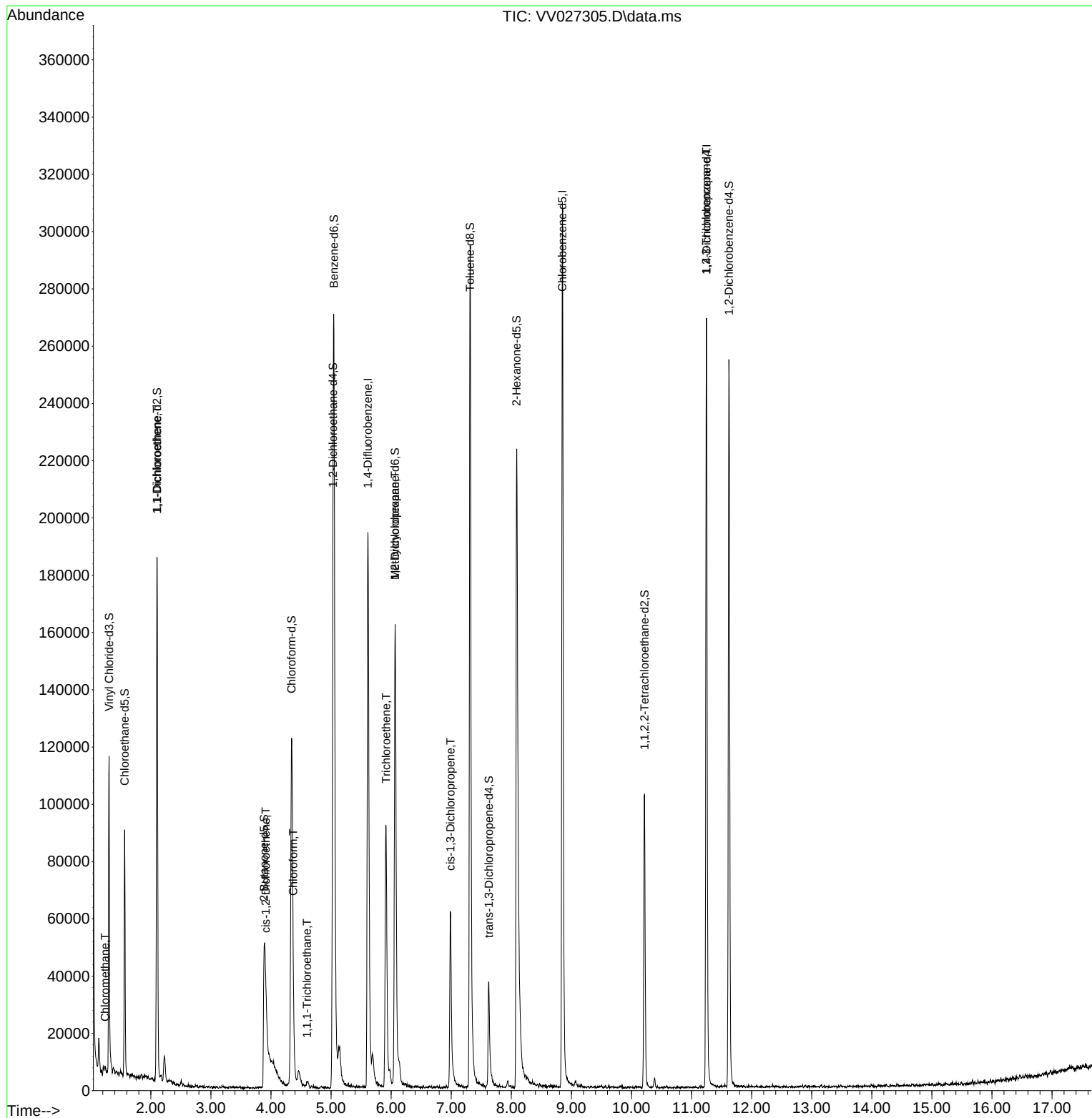
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	160185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	173182	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	72805	5.231	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.600%	
7) Chloroethane-d5	1.565	69	53775	5.320	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.400%	
11) 1,1-Dichloroethene-d2	2.101	63	97521	3.864	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.200%	
20) 2-Butanone-d5	3.886	46	85761	36.387	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.780%	
24) Chloroform-d	4.343	84	126138	4.942	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.031	65	60647	4.988	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	5.047	84	238189	4.662	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.066	67	80839	5.118	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.313	98	200485	4.287	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	7.625	79	23494	4.294	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.088	63	86317	40.765	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.520%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50144	4.388	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	64843	5.310	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.200%	
Target Compounds						Qvalue
3) Chloromethane	1.237	50	1608	0.084	ug/L	90
12) 1,1-Dichloroethene	2.105	96	1040	0.090	ug/L #	1
22) cis-1,2-Dichloroethene	3.912	96	6145	0.440	ug/L	99
25) Chloroform	4.368	83	6254	0.224	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	1774	0.073	ug/L #	84
34) Trichloroethene	5.915	95	32055	2.176	ug/L	99
35) Methylcyclohexane	6.066	83	19641	0.968	ug/L #	16
39) cis-1,3-Dichloropropene	6.989	75	1896	0.106	ug/L #	19
61) 1,2,3-Trichloropropane	11.246	75	8502	1.248	ug/L #	66

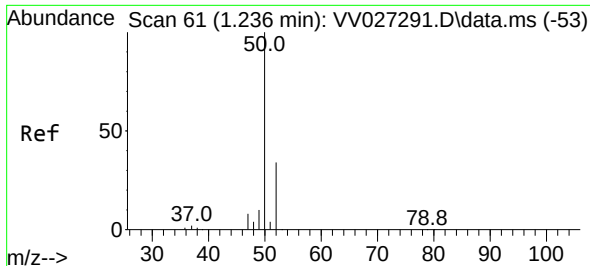
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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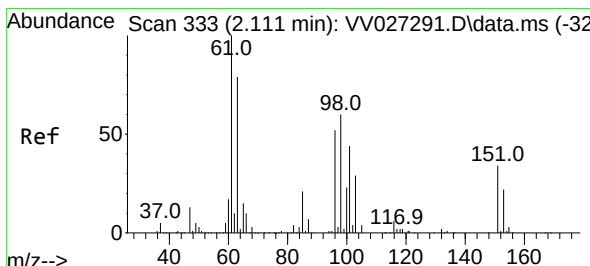
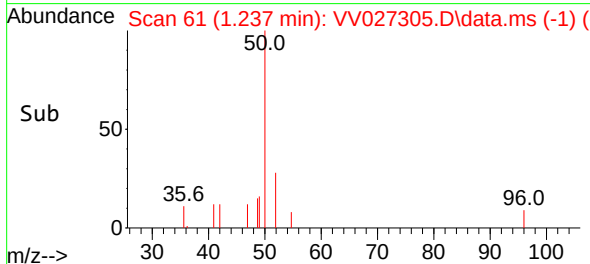
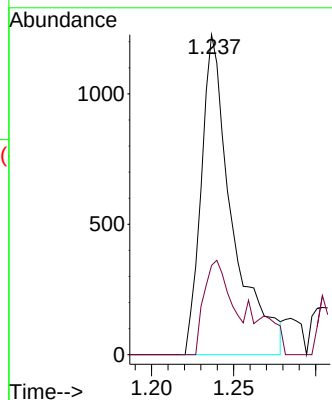
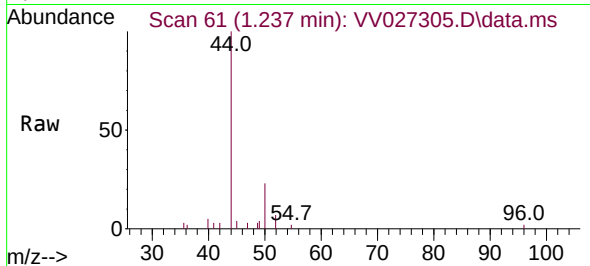




#3
Chloromethane
Concen: 0.084 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027305.D
Acq: 12 Aug 2022 03:07

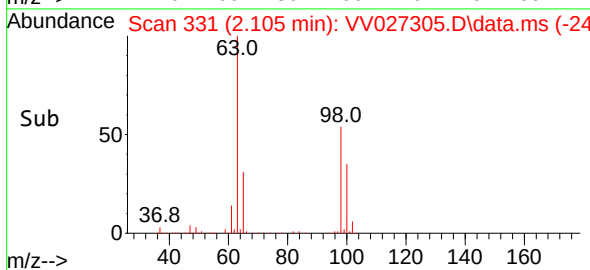
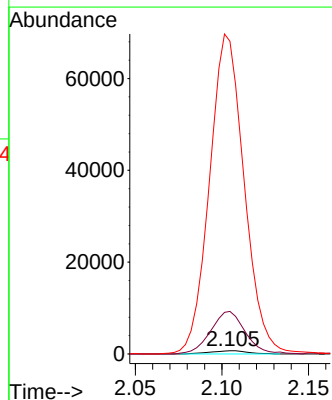
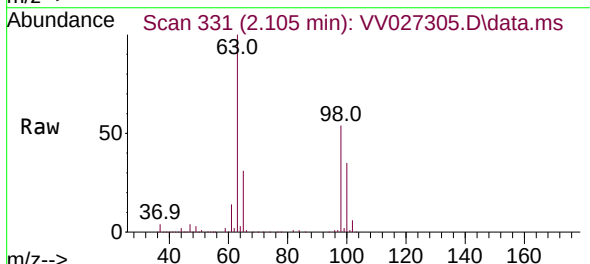
Instrument :
MSVOA_V
ClientSampleId :

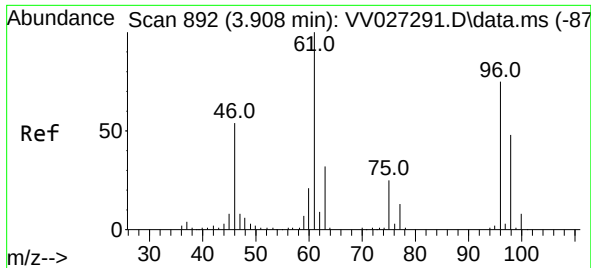
Tgt Ion: 50 Resp: 1608
Ion Ratio Lower Upper
50 100
52 27.9 23.4 43.4



#12
1,1-Dichloroethene
Concen: 0.090 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV027305.D
Acq: 12 Aug 2022 03:07

Tgt Ion: 96 Resp: 1040
Ion Ratio Lower Upper
96 100
61 1333.8 130.7 242.7#
63 9801.4 101.4 188.2#





#22

cis-1,2-Dichloroethene

Concen: 0.440 ug/L

RT: 3.912 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV027305.D

Acq: 12 Aug 2022 03:07

Instrument :

MSVOA_V

ClientSampleId :

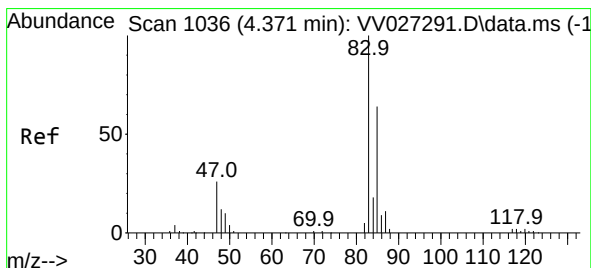
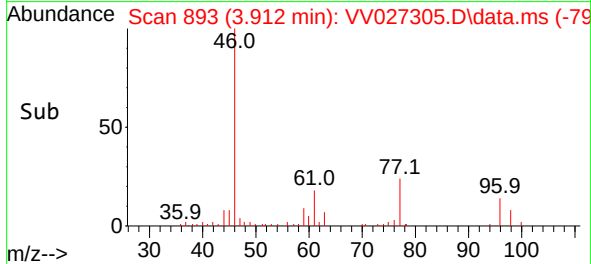
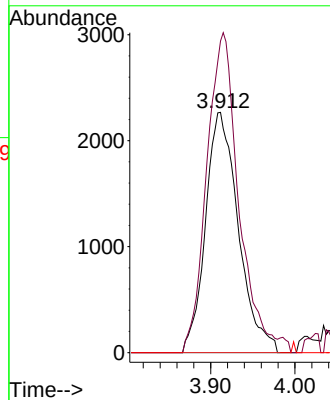
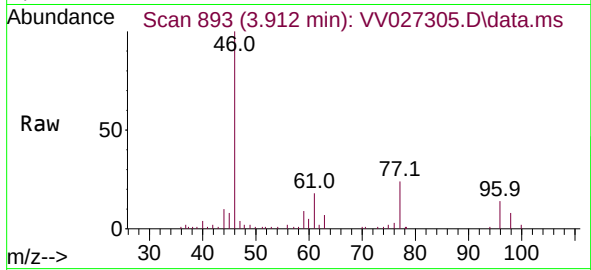
Tgt Ion: 96 Resp: 6145

Ion Ratio Lower Upper

96 100

61 129.7 91.3 169.5

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.224 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV027305.D

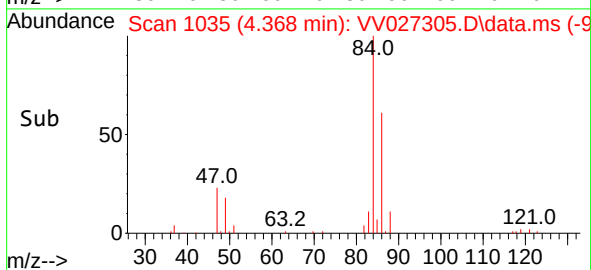
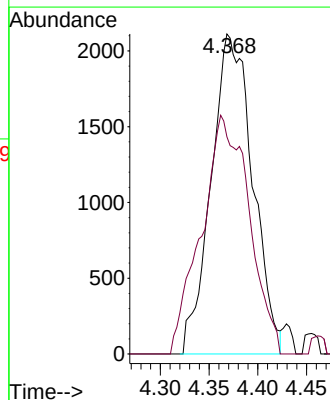
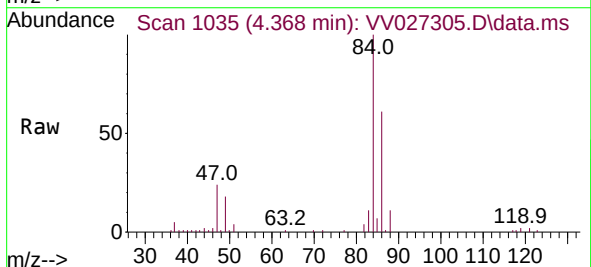
Acq: 12 Aug 2022 03:07

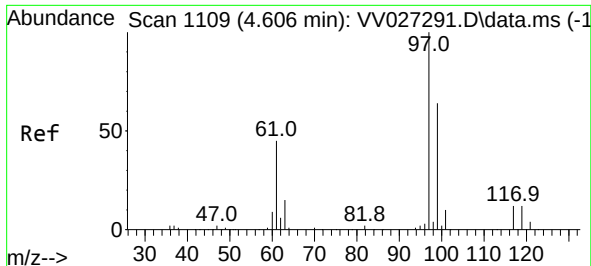
Tgt Ion: 83 Resp: 6254

Ion Ratio Lower Upper

83 100

85 67.9 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.073 ug/L

RT: 4.600 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VV027305.D

Acq: 12 Aug 2022 03:07

Instrument :

MSVOA_V

ClientSampleId :

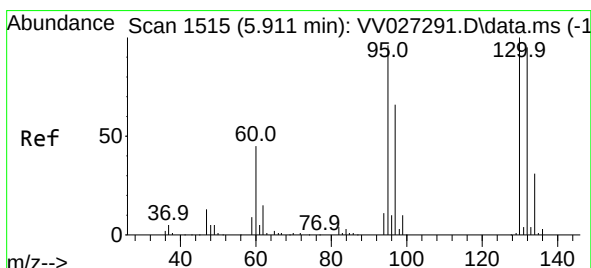
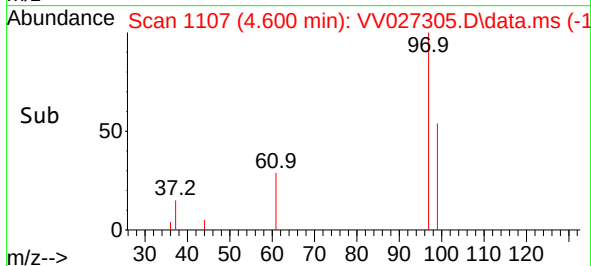
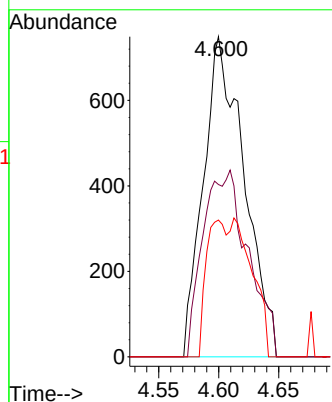
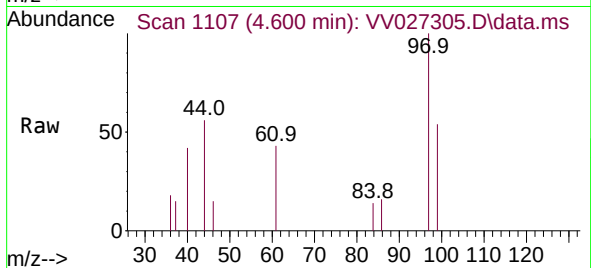
Tgt Ion: 97 Resp: 1774

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 21.1 36.5 54.7#



#34

Trichloroethene

Concen: 2.176 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV027305.D

Acq: 12 Aug 2022 03:07

Tgt Ion: 95 Resp: 32055

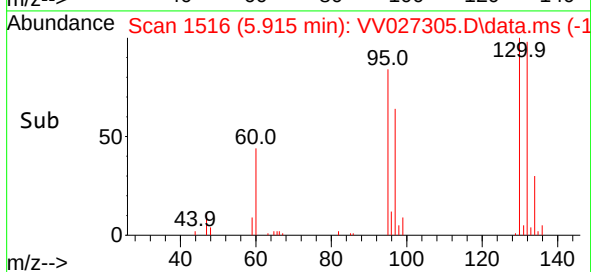
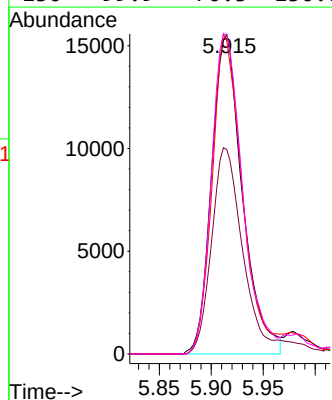
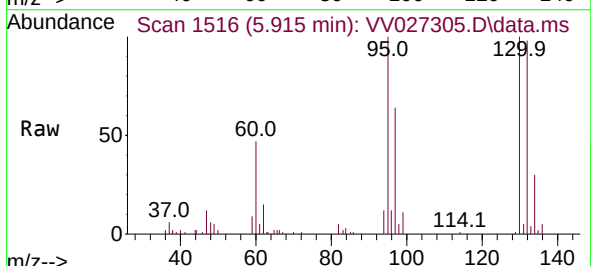
Ion Ratio Lower Upper

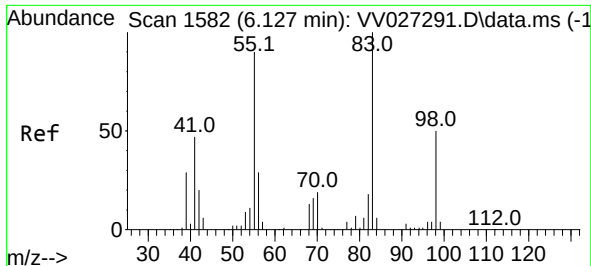
95 100

97 64.0 45.5 84.5

132 98.1 68.2 126.6

130 99.9 70.3 130.7





#35

Methylcyclohexane

Concen: 0.968 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV027305.D

Acq: 12 Aug 2022 03:07

Instrument :

MSVOA_V

ClientSampleId :

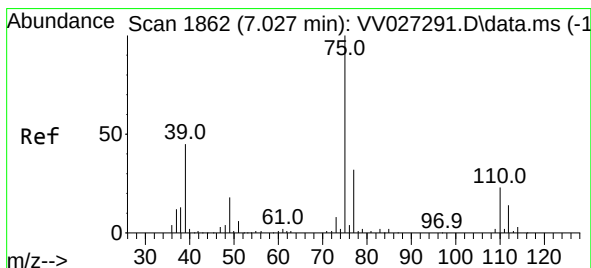
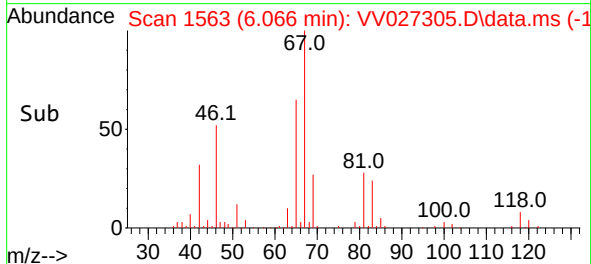
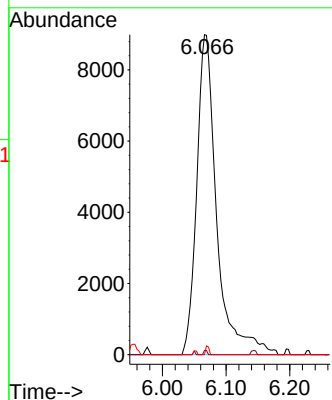
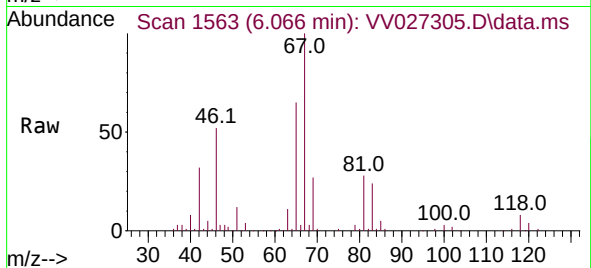
Tgt Ion: 83 Resp: 19641

Ion Ratio Lower Upper

83 100

55 0.2 67.0 100.6#

98 0.5 38.7 58.1#



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV027305.D

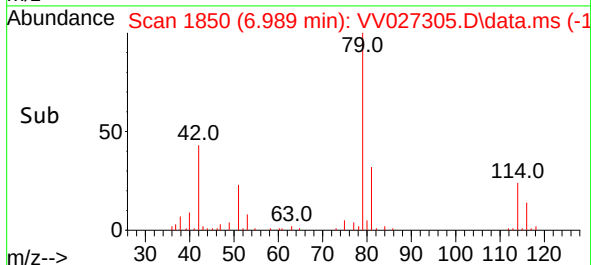
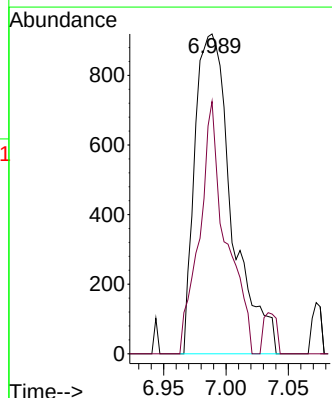
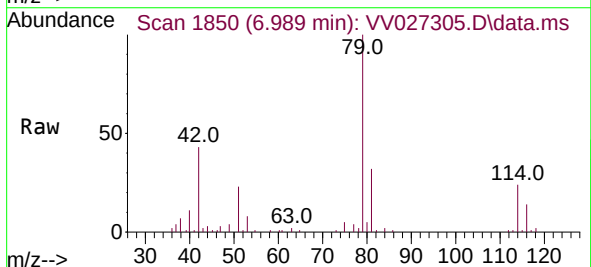
Acq: 12 Aug 2022 03:07

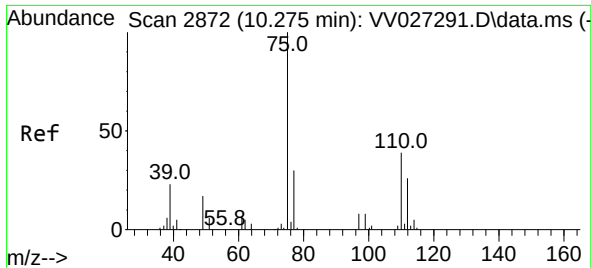
Tgt Ion: 75 Resp: 1896

Ion Ratio Lower Upper

75 100

77 78.9 23.2 43.0#





#61

1,2,3-Trichloropropane

Concen: 1.248 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.971 min

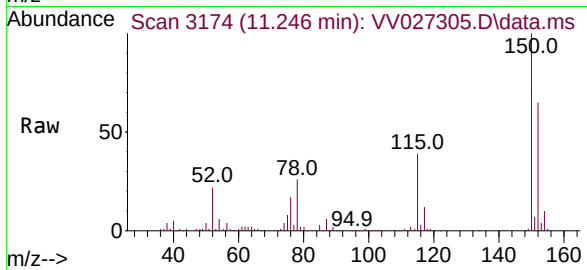
Lab File: VV027305.D

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Tgt Ion: 75 Resp: 8502

Ion Ratio Lower Upper

75 100

77 35.2 26.6 39.8

110 2.5 31.0 46.6#

