

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052022\
 Data File : VW025946.D
 Acq On : 20 May 2022 15:18
 Operator : SY/MD
 Sample : N2955-04RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3

Quant Time: May 20 21:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 20 21:49:46 2022
 Response via : Initial Calibration

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

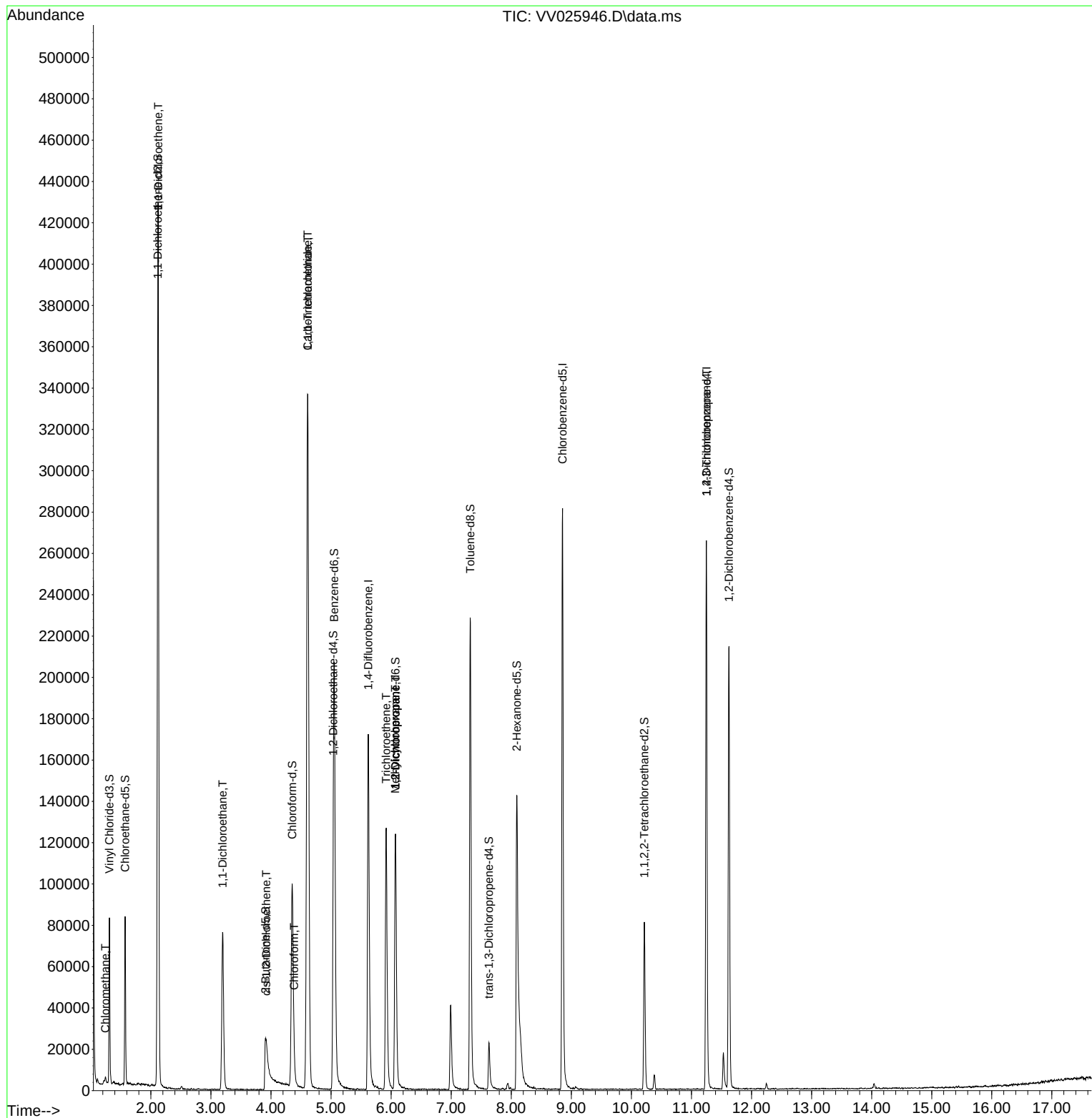
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	153646	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	159374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	49987	3.939	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.800%	
7) Chloroethane-d5	1.571	69	50080	4.609	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.114	63	137086	4.881	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.600%	
20) 2-Butanone-d5	3.908	46	55429	37.718	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.440%	
24) Chloroform-d	4.352	84	103634	5.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.037	65	44284	5.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
32) Benzene-d6	5.053	84	198132	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.072	67	63292	5.260	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.316	98	158932	4.131	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
43) trans-1,3-Dichloroprop...	7.628	79	14529	3.692	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.800%	
46) 2-Hexanone-d5	8.091	63	65242	44.656	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.320%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41438	5.346	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56695	5.641	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.800%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1976	0.102	ug/L	97
12) 1,1-Dichloroethene	2.124	96	101464	6.871	ug/L	91
19) 1,1-Dichloroethane	3.194	63	78643	3.226	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	1380	0.105	ug/L	79
25) Chloroform	4.384	83	3114	0.126	ug/L	83
29) 1,1,1-Trichloroethane	4.612	97	274842	12.646	ug/L	98
31) Carbon tetrachloride	4.612	117	35809	1.947	ug/L	99
34) Trichloroethene	5.918	95	45170	3.277	ug/L	97
35) Methylcyclohexane	6.069	83	15068	0.712	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	7050	0.554	ug/L #	87
61) 1,2,3-Trichloropropane	11.249	75	8431	1.435	ug/L #	66

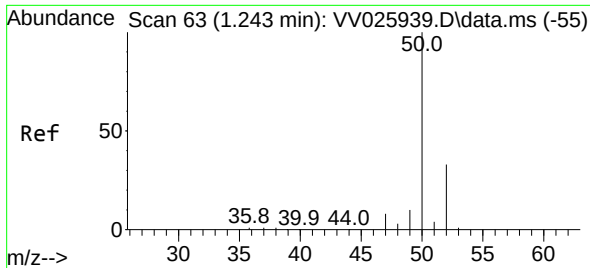
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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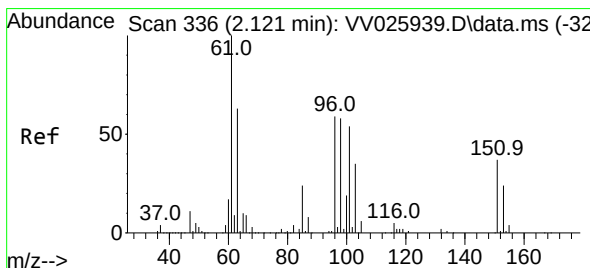
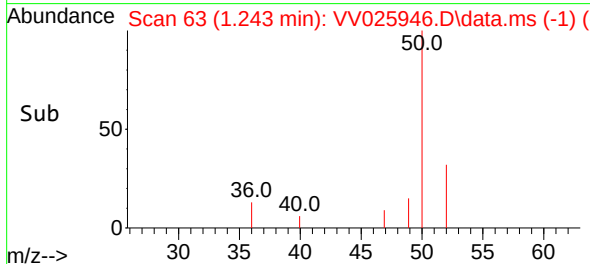
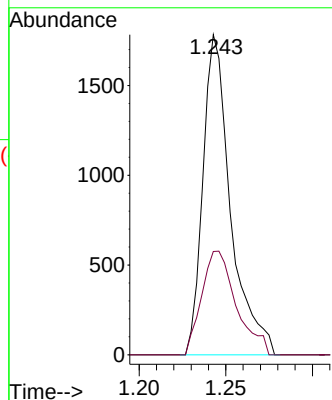
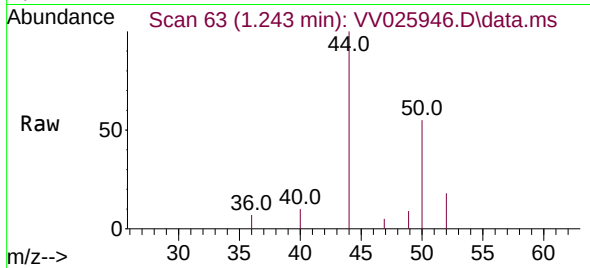




#3
Chloromethane
Concen: 0.102 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025946.D
Acq: 20 May 2022 15:18

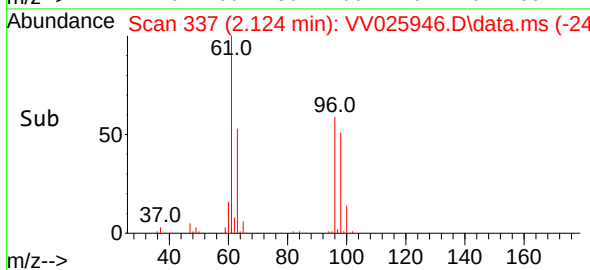
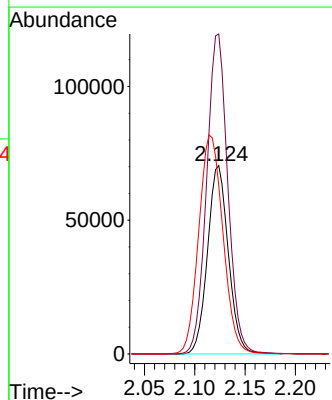
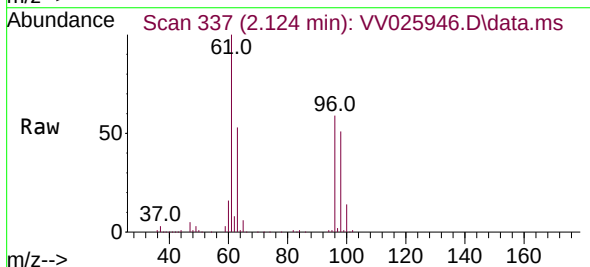
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

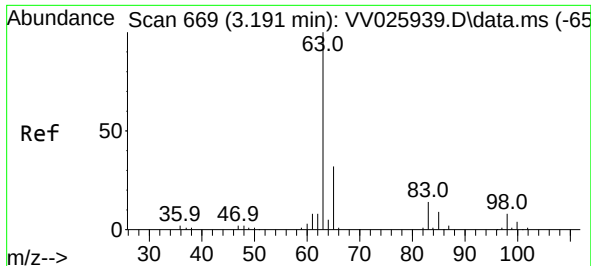
Tgt Ion: 50 Resp: 1976
Ion Ratio Lower Upper
50 100
52 32.2 23.9 44.3



#12
1,1-Dichloroethene
Concen: 6.871 ug/L
RT: 2.124 min Scan# 337
Delta R.T. 0.003 min
Lab File: VV025946.D
Acq: 20 May 2022 15:18

Tgt Ion: 96 Resp: 101464
Ion Ratio Lower Upper
96 100
61 169.9 119.8 222.6
63 89.5 78.3 145.3





#19

1,1-Dichloroethane

Concen: 3.226 ug/L

RT: 3.194 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025946.D

Acq: 20 May 2022 15:18

Instrument :

MSVOA_V

ClientSampleId :

C0AA3

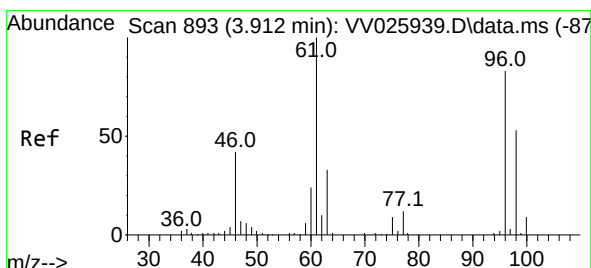
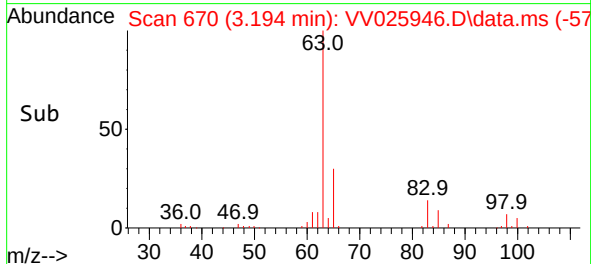
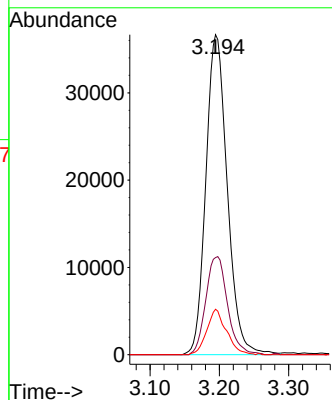
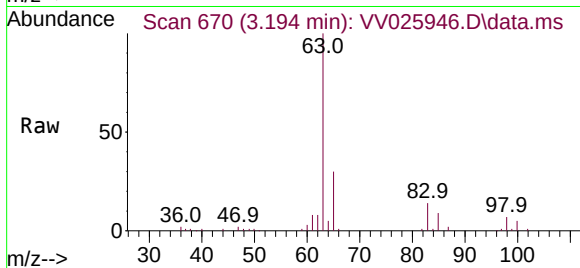
Tgt Ion: 63 Resp: 78643

Ion Ratio Lower Upper

63 100

65 30.4 22.3 41.5

83 14.2 10.0 18.6



#22

cis-1,2-Dichloroethene

Concen: 0.105 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.009 min

Lab File: VV025946.D

Acq: 20 May 2022 15:18

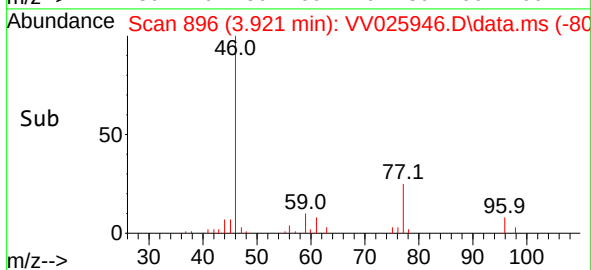
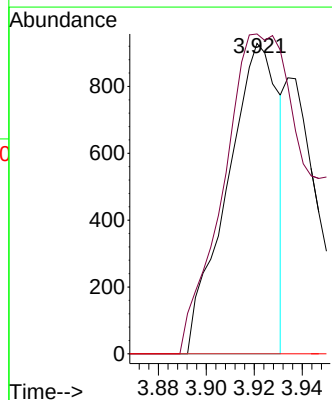
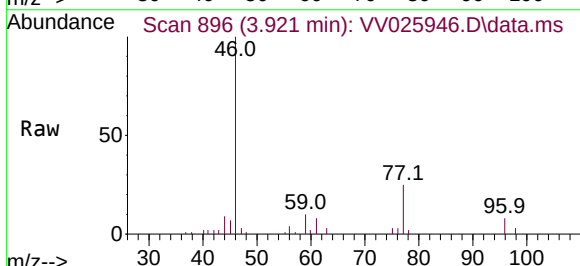
Tgt Ion: 96 Resp: 1380

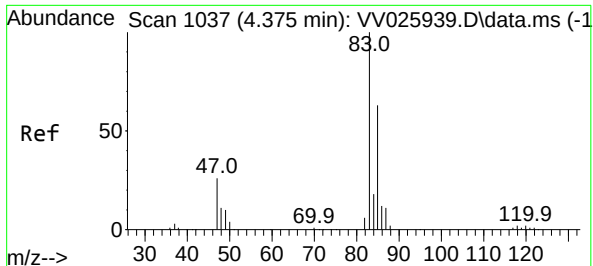
Ion Ratio Lower Upper

96 100

61 103.0 88.9 165.1

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.126 ug/L

RT: 4.384 min Scan# 1110

Delta R.T. 0.009 min

Lab File: VV025946.D

Acq: 20 May 2022 15:18

Instrument :

MSVOA_V

ClientSampleId :

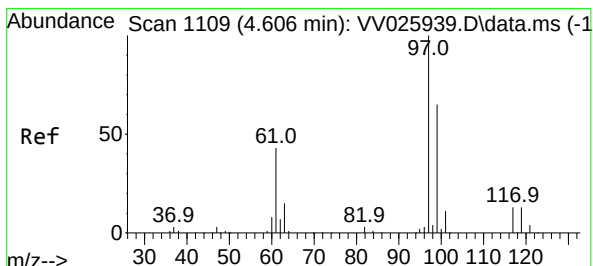
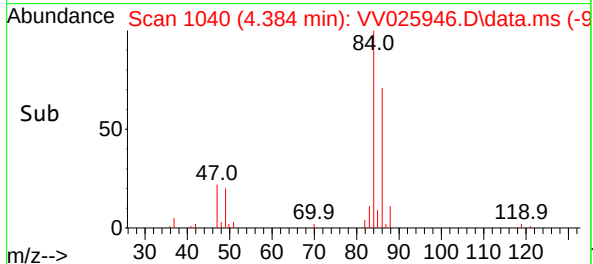
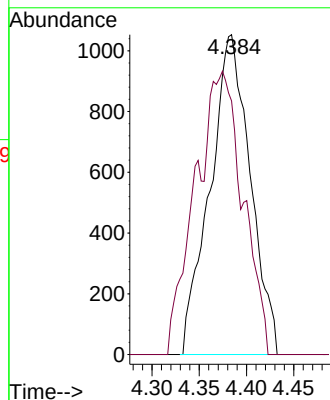
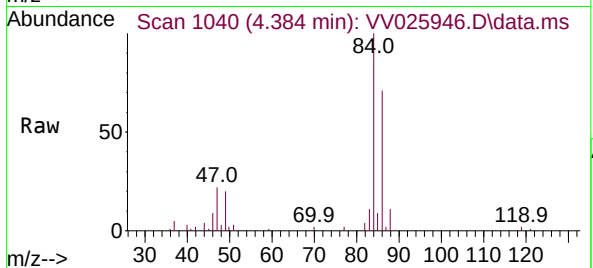
C0AA3

Tgt Ion: 83 Resp: 3114

Ion Ratio Lower Upper

83 100

85 79.3 46.1 85.7



#29

1,1,1-Trichloroethane

Concen: 12.646 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV025946.D

Acq: 20 May 2022 15:18

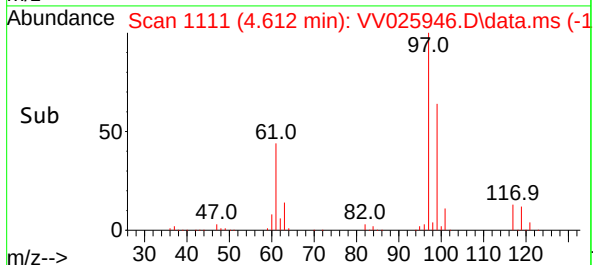
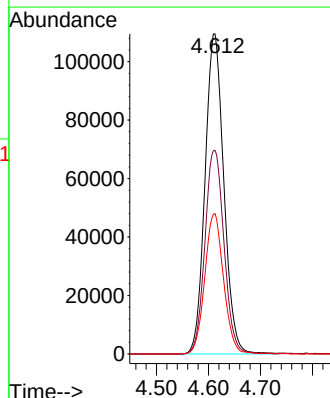
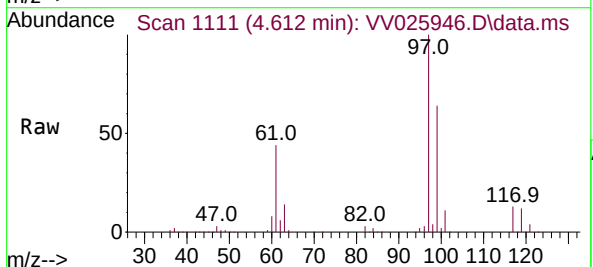
Tgt Ion: 97 Resp: 274842

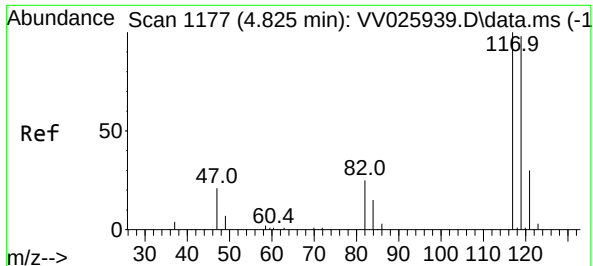
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 43.9 36.3 54.5

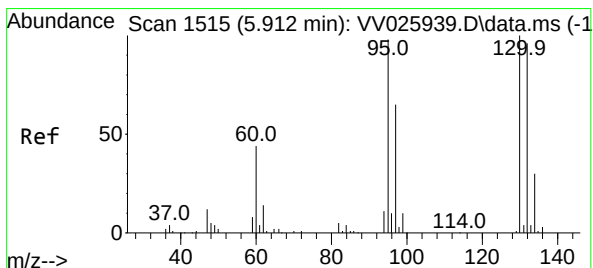
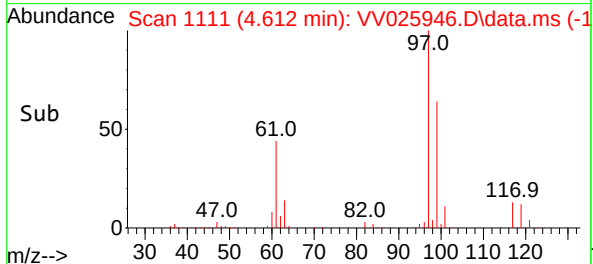
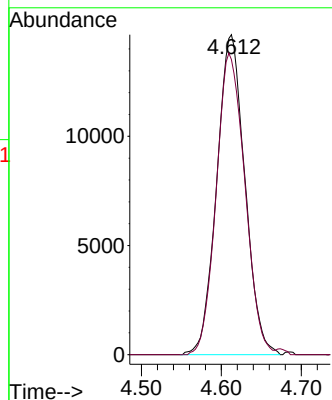
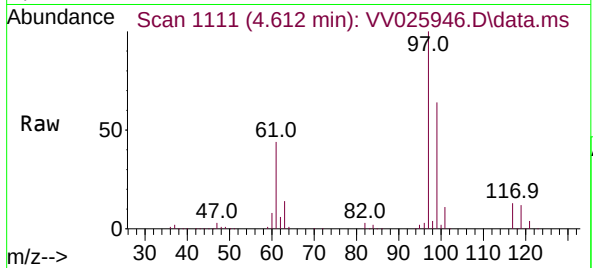




#31
Carbon tetrachloride
Concen: 1.947 ug/L
RT: 4.612 min Scan# 1177
Delta R.T. -0.212 min
Lab File: VV025946.D
Acq: 20 May 2022 15:18

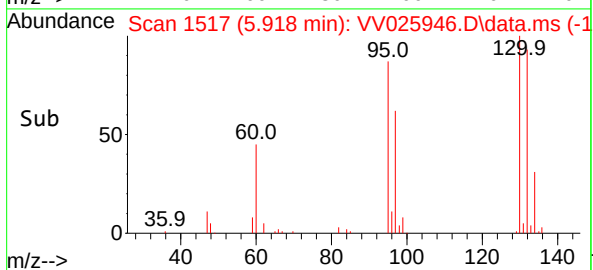
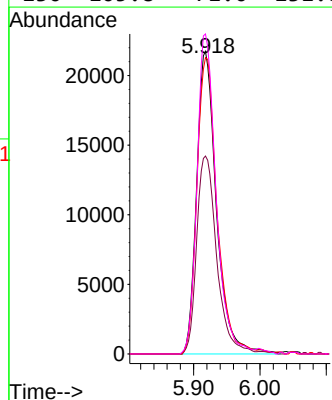
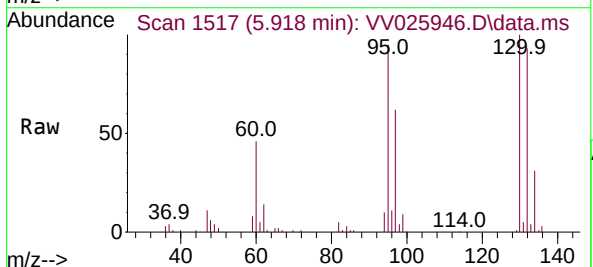
Instrument :
MSVOA_V
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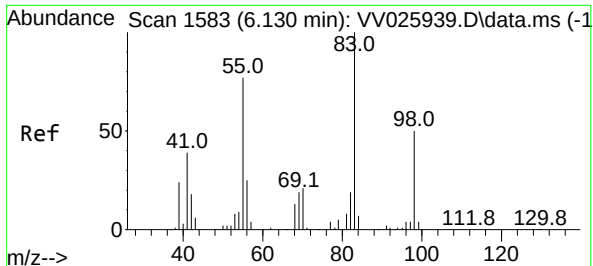
Tgt Ion:117 Resp: 35809
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6



#34
Trichloroethene
Concen: 3.277 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025946.D
Acq: 20 May 2022 15:18

Tgt Ion: 95 Resp: 45170
Ion Ratio Lower Upper
95 100
97 65.4 44.9 83.3
132 98.0 67.6 125.6
130 105.8 71.0 131.8

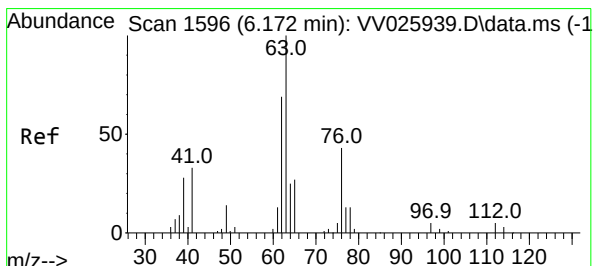
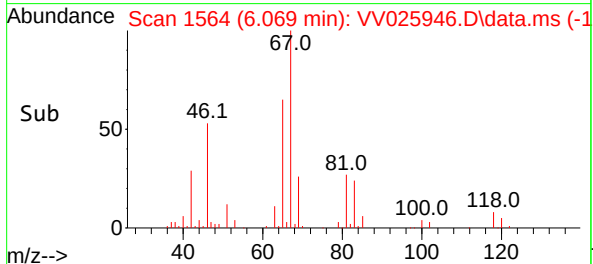
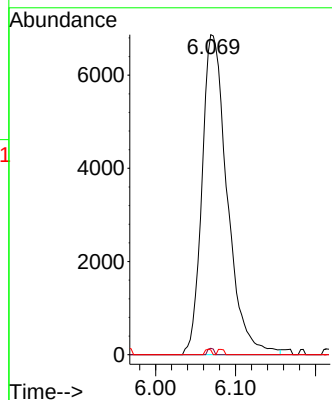
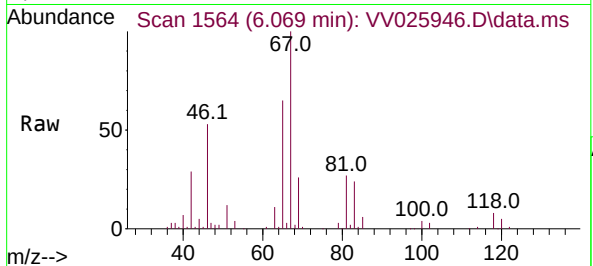




#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV025946.D
Acq: 20 May 2022 15:18

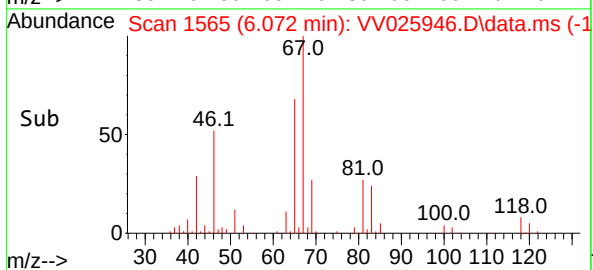
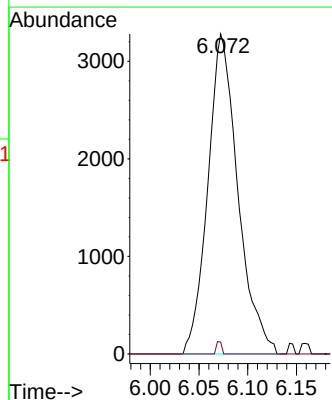
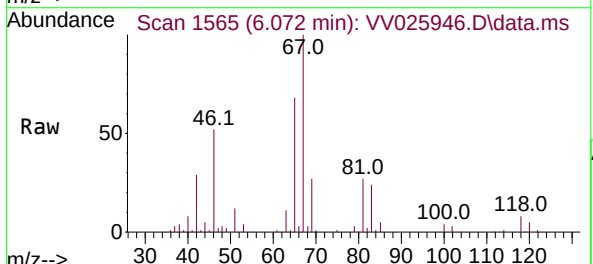
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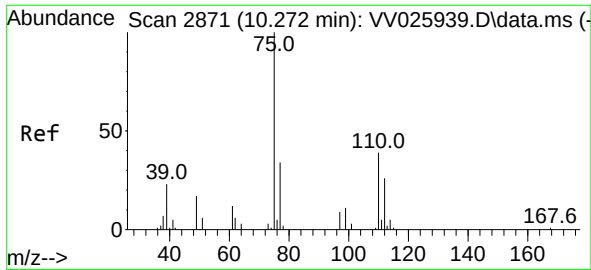
Tgt Ion: 83 Resp: 15068
Ion Ratio Lower Upper
83 100
55 0.5 60.1 90.1#
98 0.4 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV025946.D
Acq: 20 May 2022 15:18

Tgt Ion: 63 Resp: 7050
Ion Ratio Lower Upper
63 100
112 0.7 3.9 5.9#





#61

1,2,3-Trichloropropane

Concen: 1.435 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV025946.D

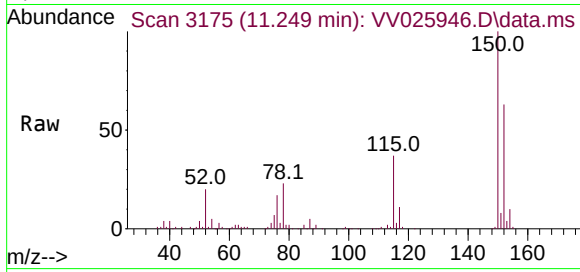
Acq: 20 May 2022 15:18

Instrument :

MSVOA_V

ClientSampleId :

C0AA3



Tgt Ion: 75 Resp: 8431

Ion Ratio Lower Upper

75 100

77 33.1 26.2 39.2

110 2.4 32.4 48.6#

