

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052022\
 Data File : VV025945.D
 Acq On : 20 May 2022 14:54
 Operator : SY/MD
 Sample : N2955-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA4

Quant Time: May 20 21:51:29 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)

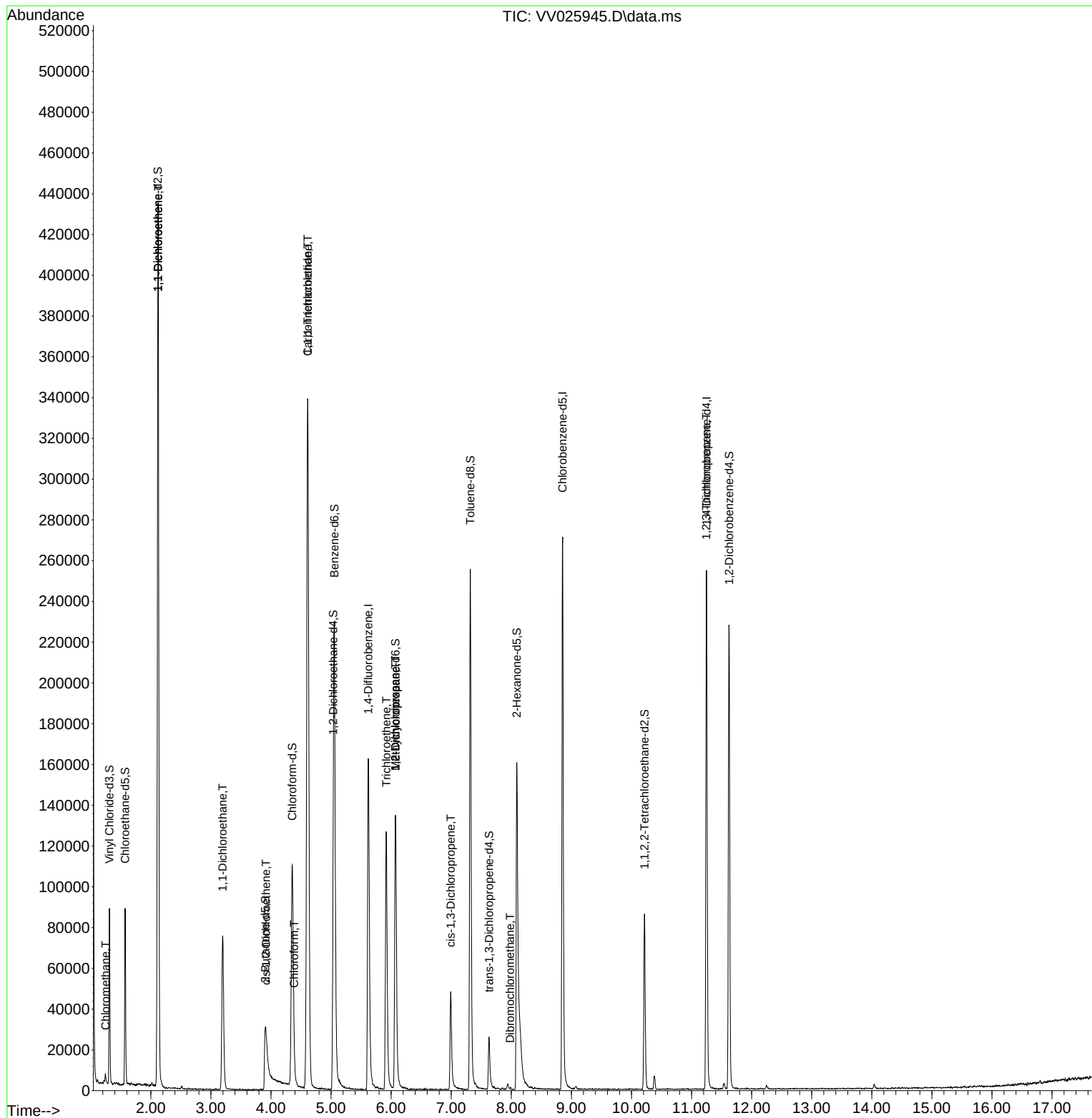
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	146314	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	150887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	54615	4.520	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.571	69	55480	5.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.117	63	143498	5.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.200%
20) 2-Butanone-d5	3.905	46	49080	35.071	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.140%
24) Chloroform-d	4.352	84	117169	5.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.800%
26) 1,2-Dichloroethane-d4	5.037	65	49822	5.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.000%
32) Benzene-d6	5.053	84	214153	5.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	6.072	67	68475	6.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.200%
41) Toluene-d8	7.317	98	170919	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	7.628	79	16542	4.440	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.091	63	70337	50.851	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44422	6.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.000%#
66) 1,2-Dichlorobenzene-d4	11.625	152	60447	6.352	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	2836	0.154	ug/L	96
12) 1,1-Dichloroethene	2.124	96	98173	6.982	ug/L	95
19) 1,1-Dichloroethane	3.195	63	78276	3.372	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	852	0.068	ug/L	86
25) Chloroform	4.384	83	3212	0.136	ug/L	78
29) 1,1,1-Trichloroethane	4.609	97	274717	13.351	ug/L	98
31) Carbon tetrachloride	4.612	117	36403	2.090	ug/L	99
34) Trichloroethene	5.918	95	45145	3.459	ug/L	99
35) Methylcyclohexane	6.072	83	16174	0.807	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	7383	0.612	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1355	0.087	ug/L #	76
49) Dibromochloromethane	7.982	129	233	0.026	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	7916	1.422	ug/L #	65

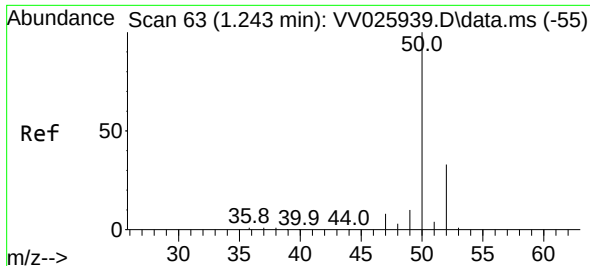
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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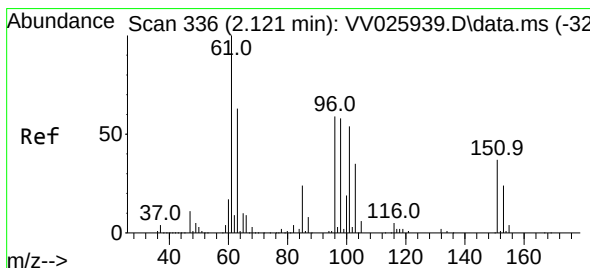
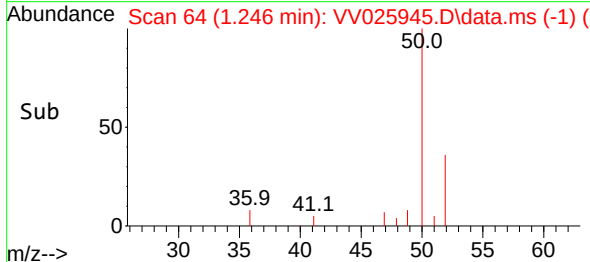
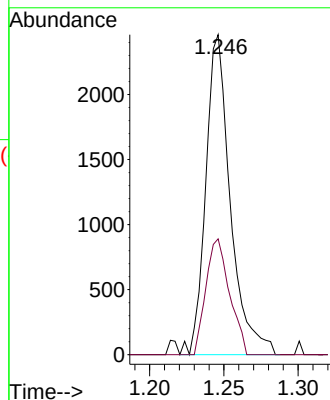
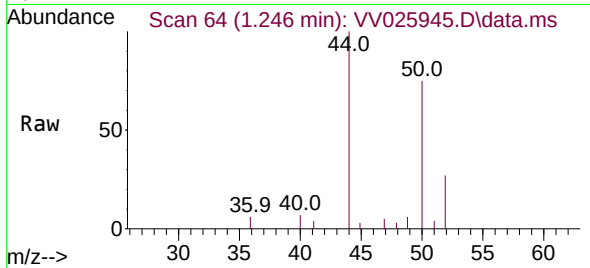




#3
Chloromethane
Concen: 0.154 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV025945.D
Acq: 20 May 2022 14:54

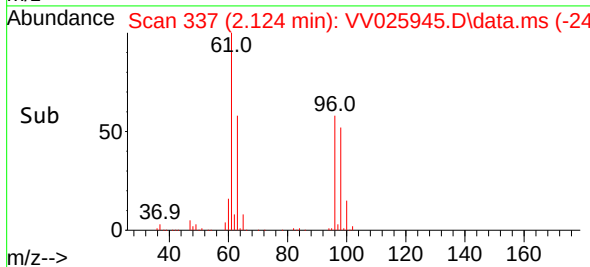
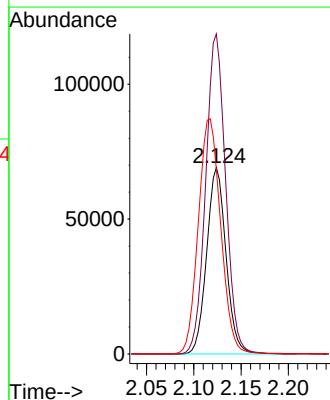
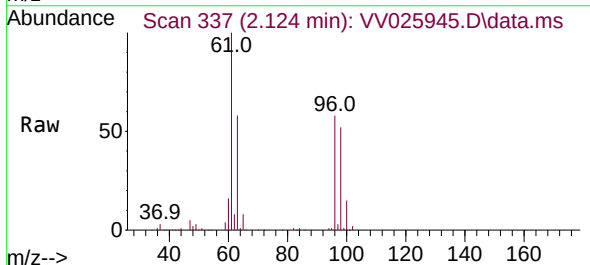
Instrument :
MSVOA_V
ClientSampleId :
C0AA4

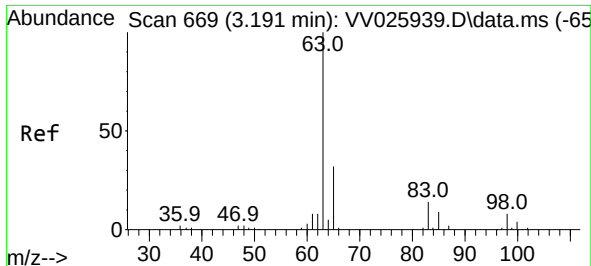
Tgt Ion: 50 Resp: 2836
Ion Ratio Lower Upper
50 100
52 36.2 23.9 44.3



#12
1,1-Dichloroethene
Concen: 6.982 ug/L
RT: 2.124 min Scan# 337
Delta R.T. 0.003 min
Lab File: VV025945.D
Acq: 20 May 2022 14:54

Tgt Ion: 96 Resp: 98173
Ion Ratio Lower Upper
96 100
61 171.7 119.8 222.6
63 99.1 78.3 145.3





#19

1,1-Dichloroethane

Concen: 3.372 ug/L

RT: 3.195 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025945.D

Acq: 20 May 2022 14:54

Instrument :

MSVOA_V

ClientSampleId :

C0AA4

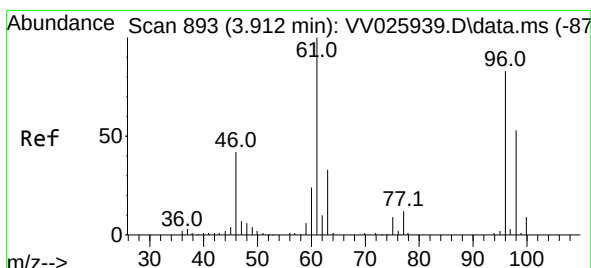
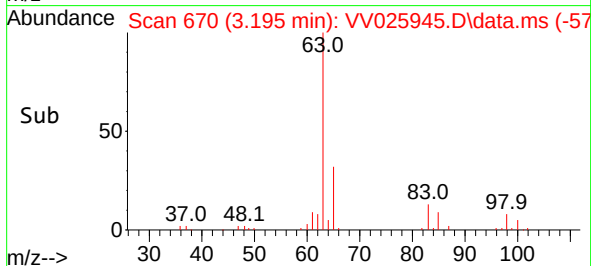
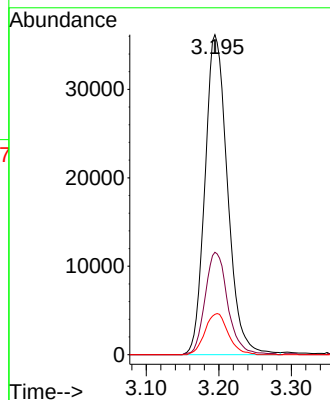
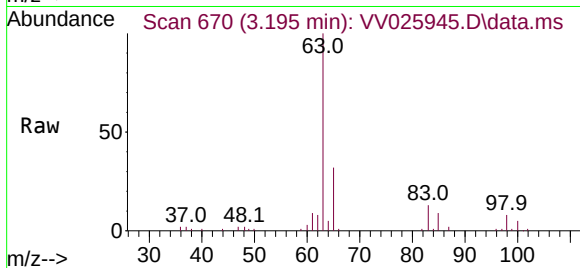
Tgt Ion: 63 Resp: 78276

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 12.6 10.0 18.6



#22

cis-1,2-Dichloroethene

Concen: 0.068 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV025945.D

Acq: 20 May 2022 14:54

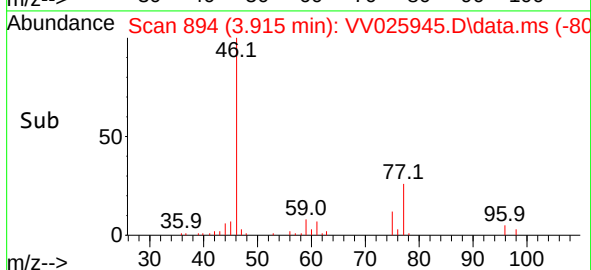
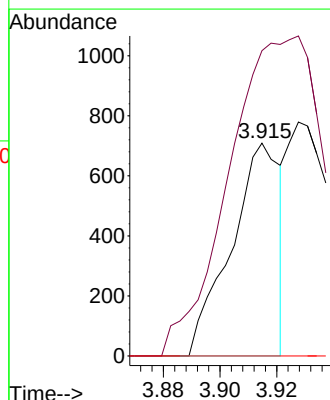
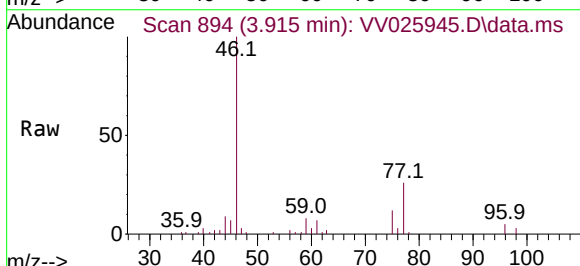
Tgt Ion: 96 Resp: 852

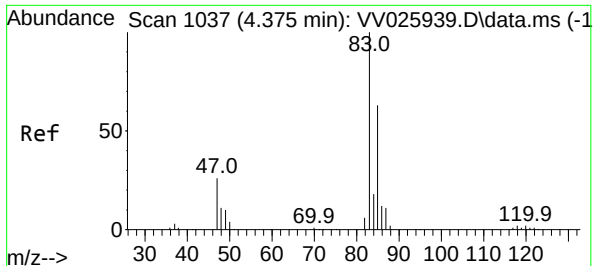
Ion Ratio Lower Upper

96 100

61 143.4 88.9 165.1

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.136 ug/L

RT: 4.384 min Scan# 1109

Delta R.T. 0.010 min

Lab File: VV025945.D

Acq: 20 May 2022 14:54

Instrument :

MSVOA_V

ClientSampleId :

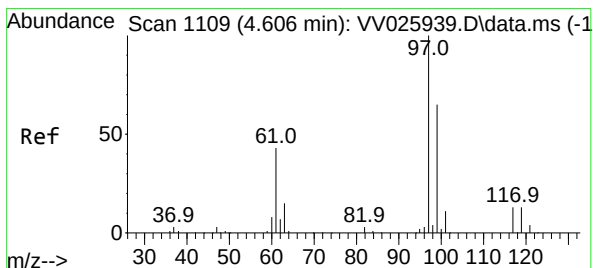
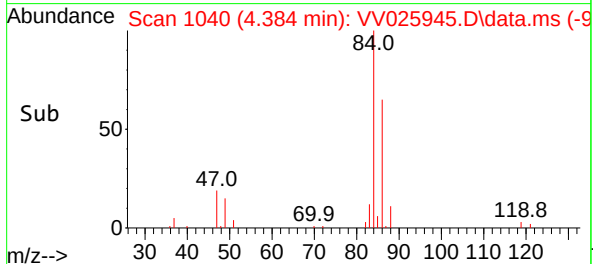
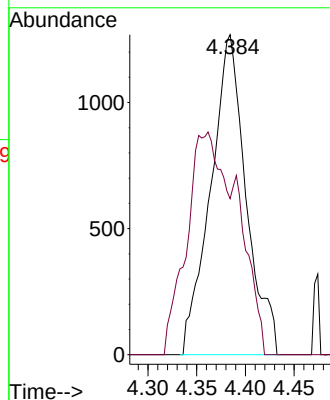
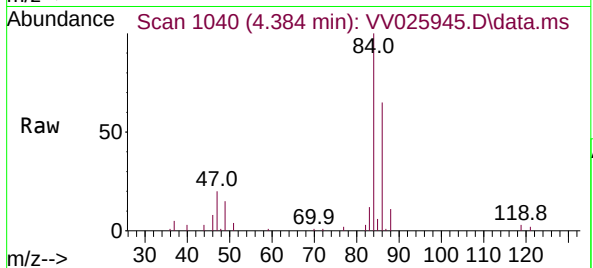
C0AA4

Tgt Ion: 83 Resp: 3212

Ion Ratio Lower Upper

83 100

85 48.8 46.1 85.7



#29

1,1,1-Trichloroethane

Concen: 13.351 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV025945.D

Acq: 20 May 2022 14:54

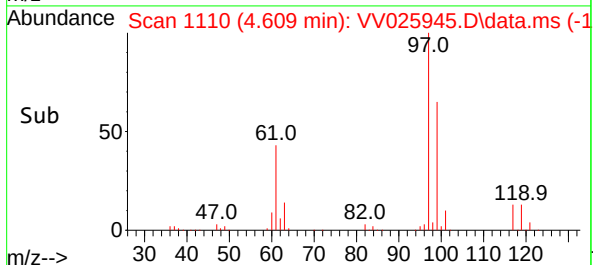
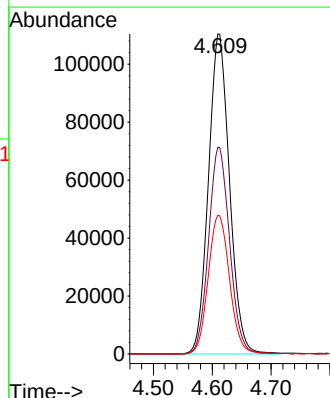
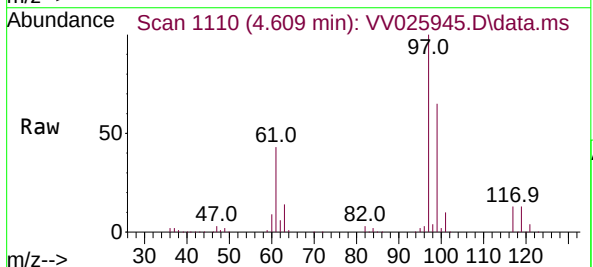
Tgt Ion: 97 Resp: 274717

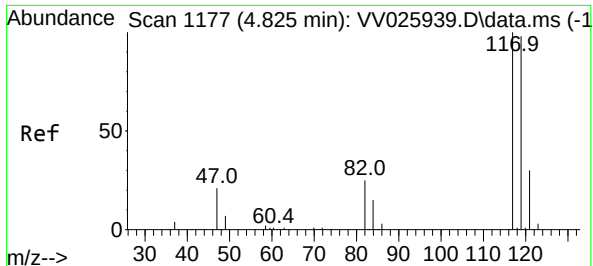
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.6

61 43.8 36.3 54.5

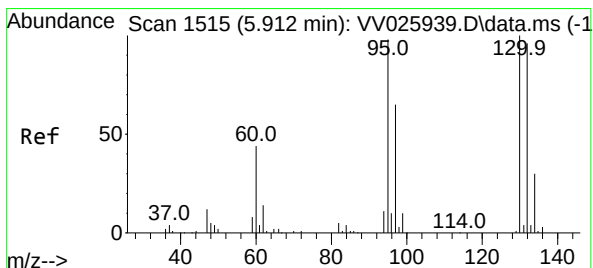
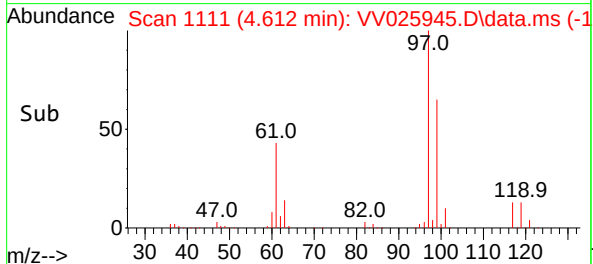
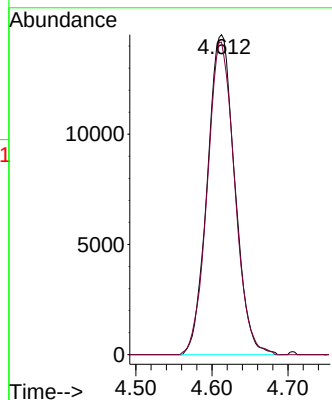
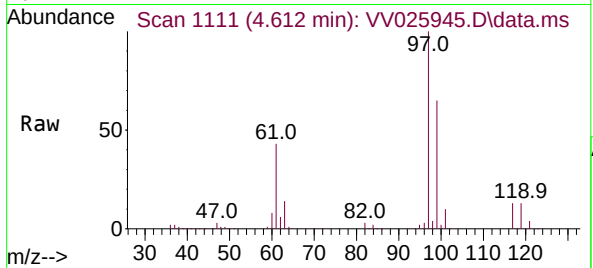




#31
Carbon tetrachloride
Concen: 2.090 ug/L
RT: 4.612 min Scan# 1177
Delta R.T. -0.212 min
Lab File: VV025945.D
Acq: 20 May 2022 14:54

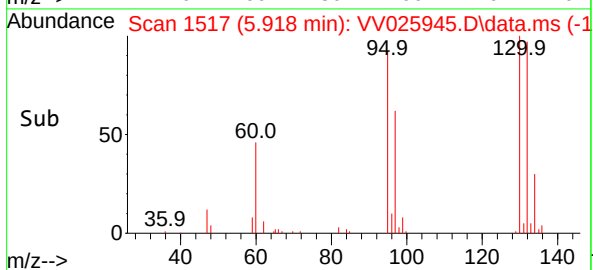
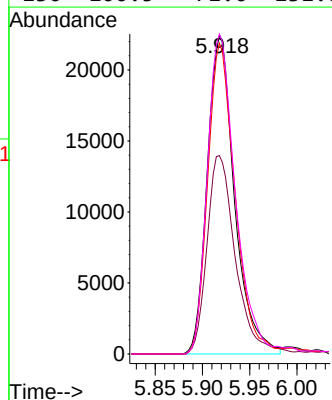
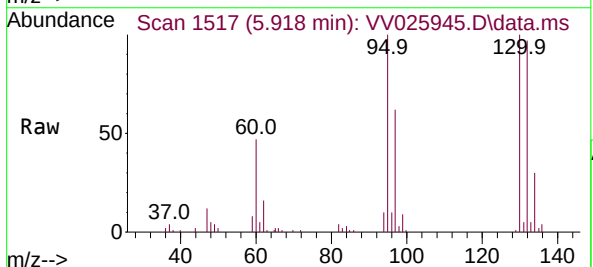
Instrument :
MSVOA_V
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C0AA4

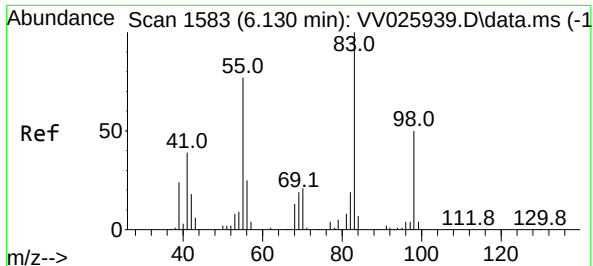
Tgt Ion:117 Resp: 36403
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.6



#34
Trichloroethene
Concen: 3.459 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025945.D
Acq: 20 May 2022 14:54

Tgt Ion: 95 Resp: 45145
Ion Ratio Lower Upper
95 100
97 62.3 44.9 83.3
132 97.6 67.6 125.6
130 100.5 71.0 131.8





#35

Methylcyclohexane

Concen: 0.807 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV025945.D

Acq: 20 May 2022 14:54

Instrument :

MSVOA_V

ClientSampleId :

C0AA4

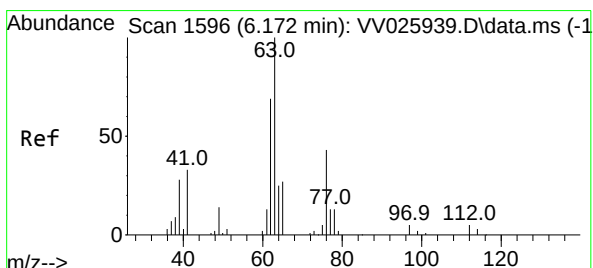
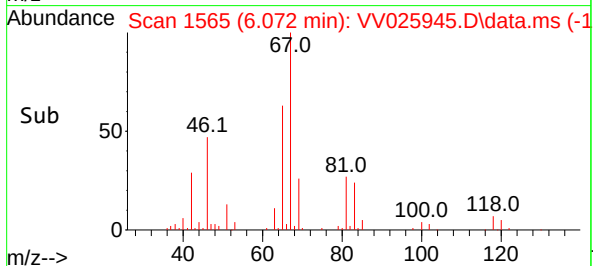
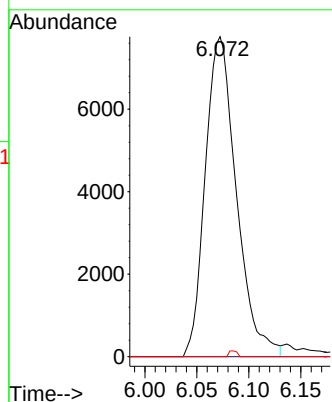
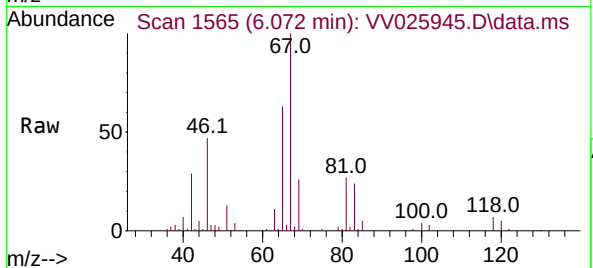
Tgt Ion: 83 Resp: 16174

Ion Ratio Lower Upper

83 100

55 0.0 60.1 90.1#

98 0.5 40.6 61.0#



#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV025945.D

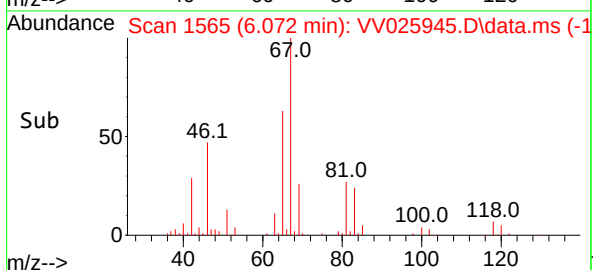
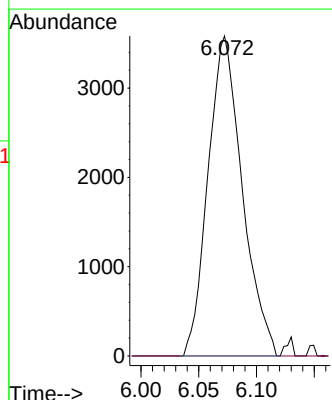
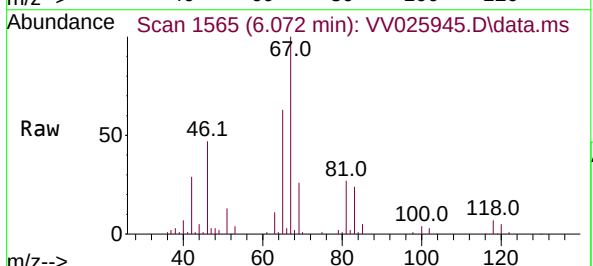
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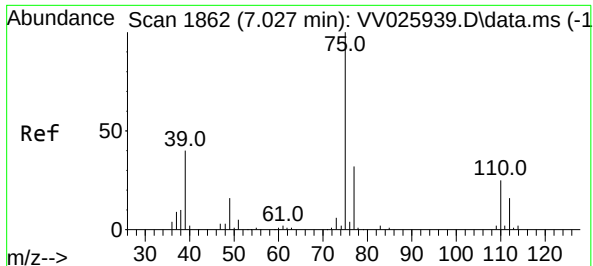
Tgt Ion: 63 Resp: 7383

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025945.D

Acq: 20 May 2022 14:54

Instrument :

MSVOA_V

ClientSampleId :

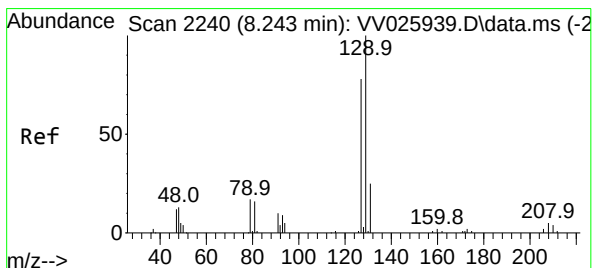
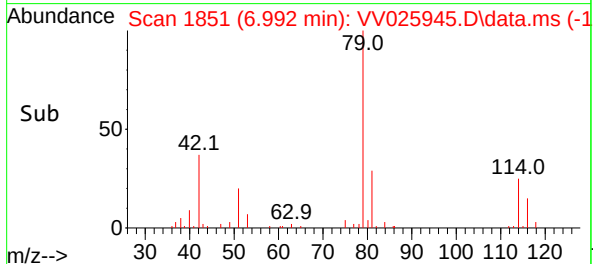
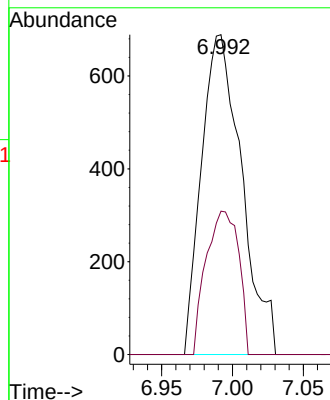
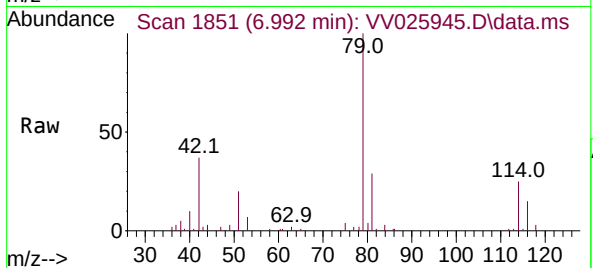
C0AA4

Tgt Ion: 75 Resp: 1355

Ion Ratio Lower Upper

75 100

77 44.8 22.1 41.1#



#49

Dibromochloromethane

Concen: 0.026 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.261 min

Lab File: VV025945.D

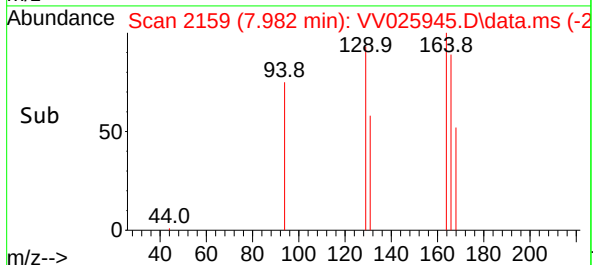
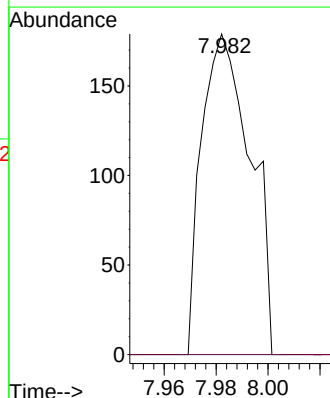
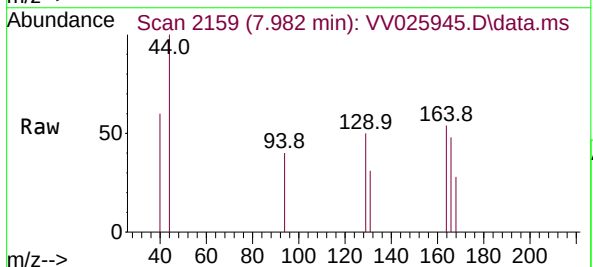
Acq: 20 May 2022 14:54

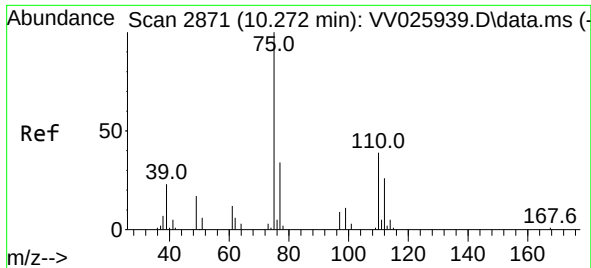
Tgt Ion: 129 Resp: 233

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.422 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV025945.D

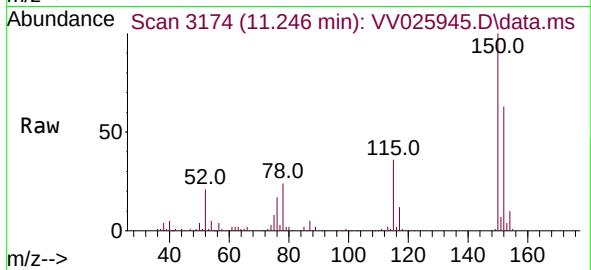
Acq: 20 May 2022 14:54

Instrument :

MSVOA_V

ClientSampleId :

C0AA4



Tgt Ion: 75 Resp: 7916

Ion Ratio Lower Upper

75 100

77 33.9 26.2 39.2

110 2.4 32.4 48.6#

