

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052022\
 Data File : VV025942.D
 Acq On : 20 May 2022 13:44
 Operator : SY/MD
 Sample : N2955-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA1

Quant Time: May 20 21:50:49 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)

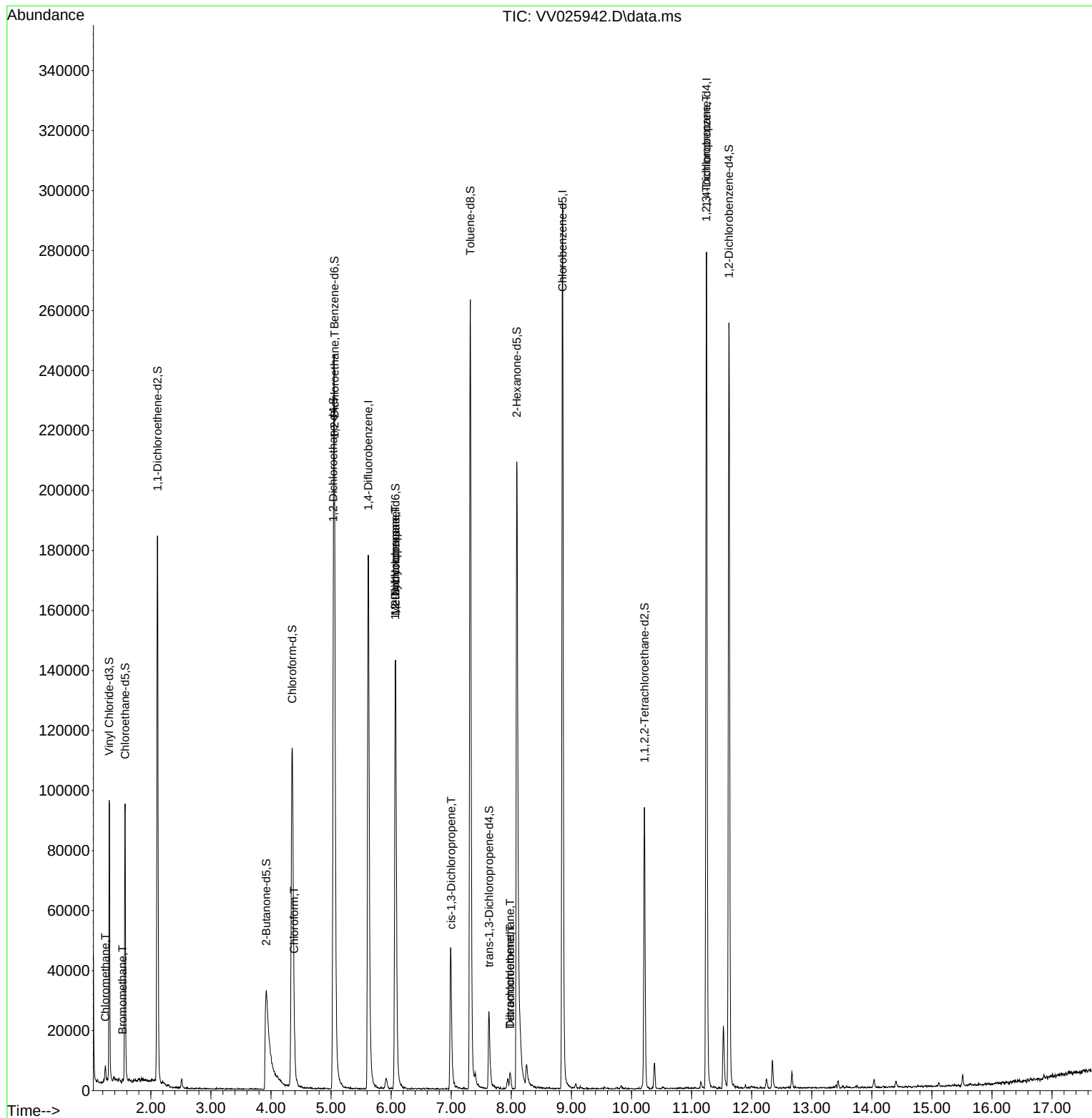
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	157930	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	164378	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59179	4.537	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.571	69	58780	5.263	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.200%	
11) 1,1-Dichloroethene-d2	2.111	63	97993	3.394	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.800%	
20) 2-Butanone-d5	3.921	46	82643	54.711	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.420%	
24) Chloroform-d	4.352	84	122176	5.735	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.600%	
26) 1,2-Dichloroethane-d4	5.037	65	52358	5.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.800%	
32) Benzene-d6	5.053	84	229334	5.373	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.400%	
36) 1,2-Dichloropropane-d6	6.072	67	72179	5.816	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	116.400%	
41) Toluene-d8	7.317	98	184721	4.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	7.628	79	16828	4.146	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.091	63	77433	51.387	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45491	5.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	65998	6.236	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	124.800%#	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	3588	0.180	ug/L	86
6) Bromomethane	1.529	94	519	0.043	ug/L	93
25) Chloroform	4.384	83	8324	0.328	ug/L	96
27) 1,2-Dichloroethane	5.059	62	1386	0.104	ug/L #	73
35) Methylcyclohexane	6.072	83	16896	0.774	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	7833	0.596	ug/L #	85
39) cis-1,3-Dichloropropene	6.998	75	1442	0.085	ug/L #	44
47) Tetrachloroethene	7.979	164	1340	0.122	ug/L	90
49) Dibromochloromethane	7.979	129	1267	0.129	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	8705	1.407	ug/L #	66

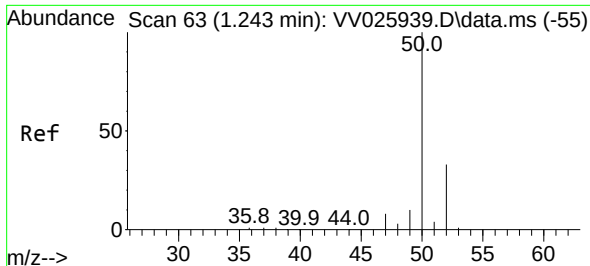
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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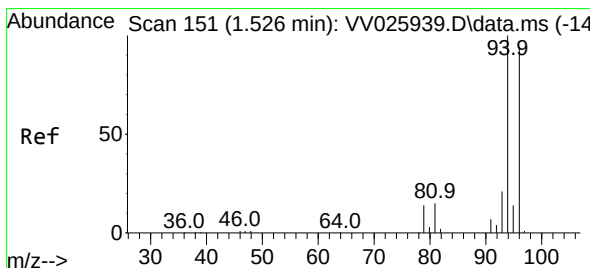
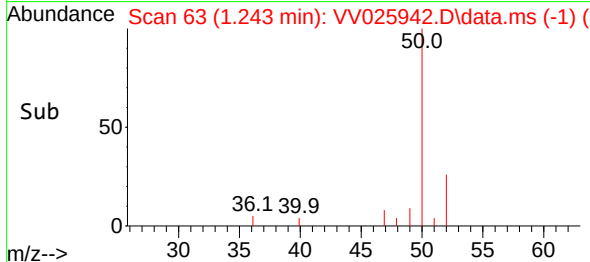
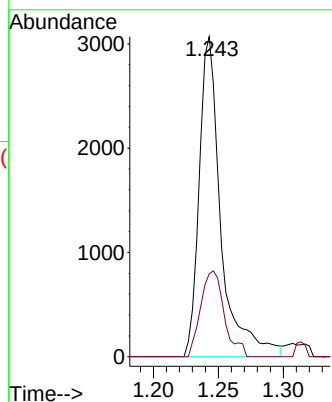
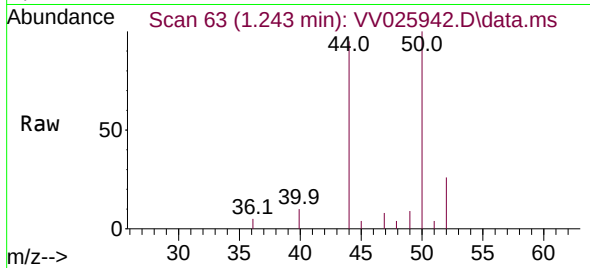




#3
Chloromethane
Concen: 0.180 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025942.D
Acq: 20 May 2022 13:44

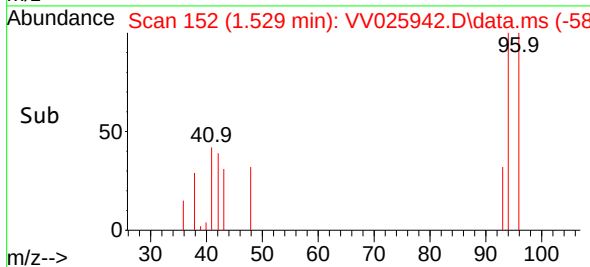
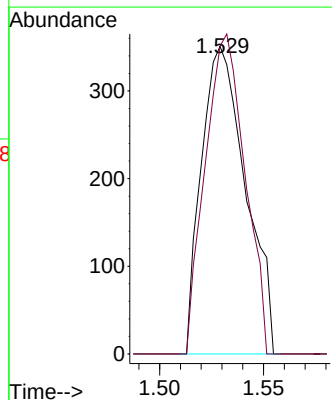
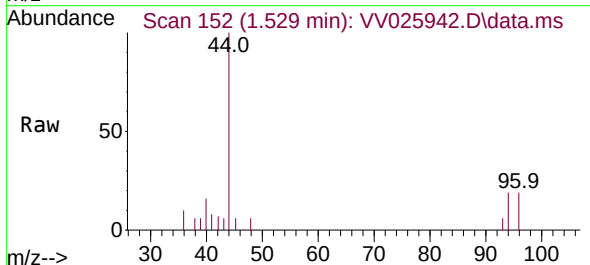
Instrument :
MSVOA_V
ClientSampleId :
C0AA1

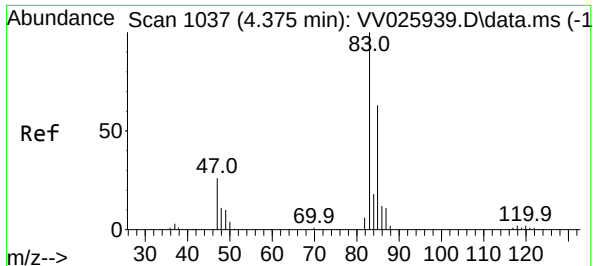
Tgt Ion: 50 Resp: 3588
Ion Ratio Lower Upper
50 100
52 25.9 23.9 44.3



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.003 min
Lab File: VV025942.D
Acq: 20 May 2022 13:44

Tgt Ion: 94 Resp: 519
Ion Ratio Lower Upper
94 100
96 100.0 65.4 121.4





#25

Chloroform

Concen: 0.328 ug/L

RT: 4.384 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV025942.D

Acq: 20 May 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

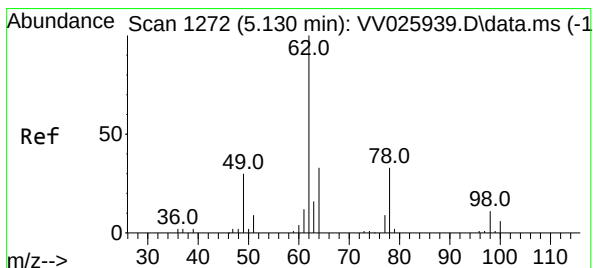
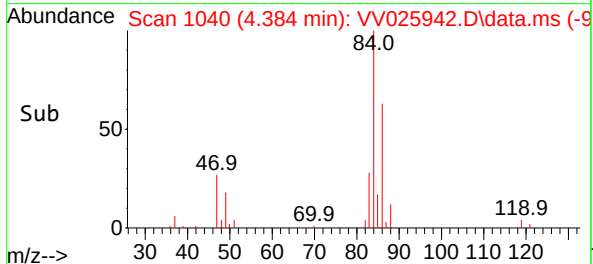
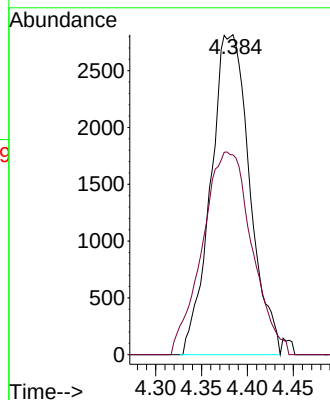
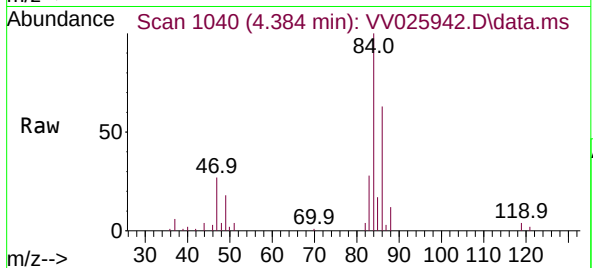
C0AA1

Tgt Ion: 83 Resp: 8324

Ion Ratio Lower Upper

83 100

85 62.4 46.1 85.7



#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. -0.071 min

Lab File: VV025942.D

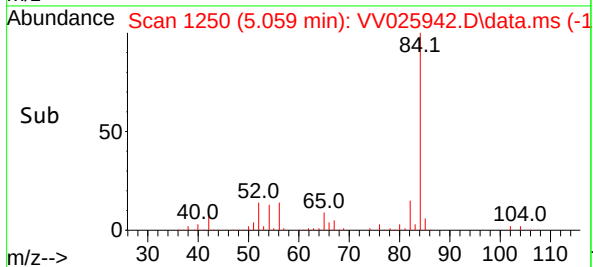
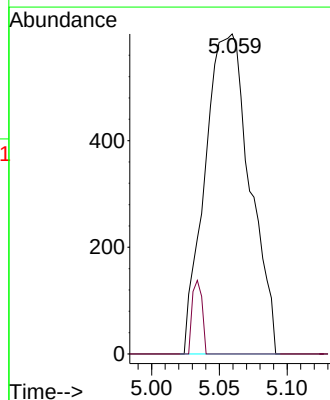
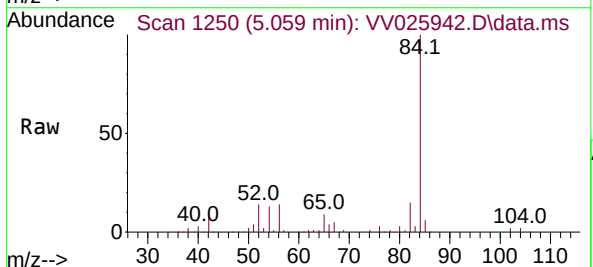
Acq: 20 May 2022 13:44

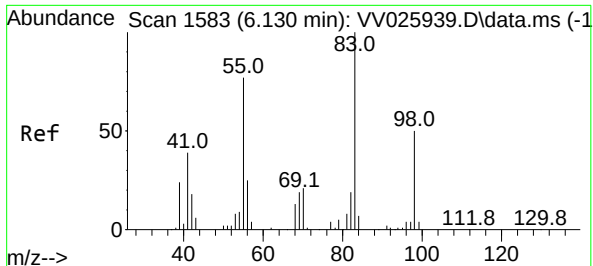
Tgt Ion: 62 Resp: 1386

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#

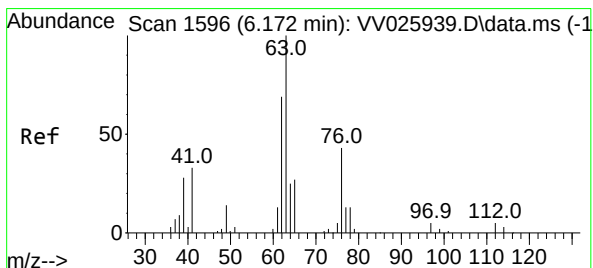
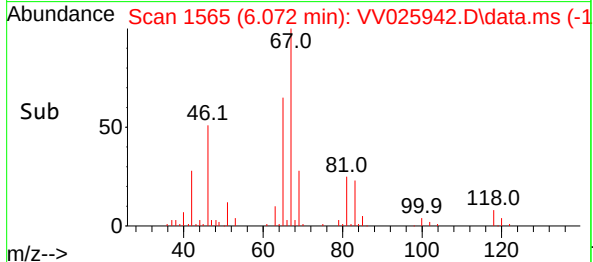
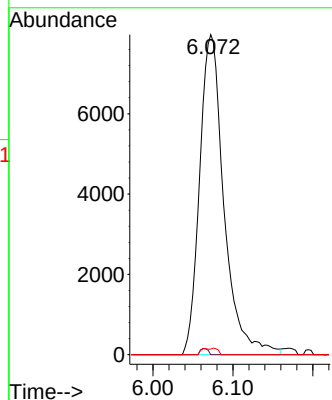
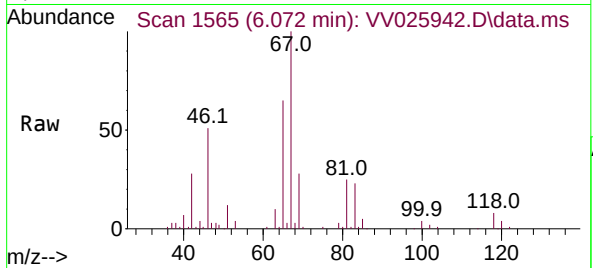




#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV025942.D
Acq: 20 May 2022 13:44

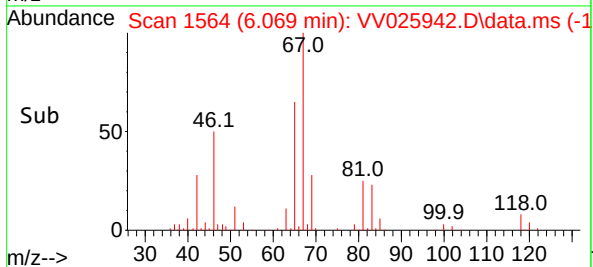
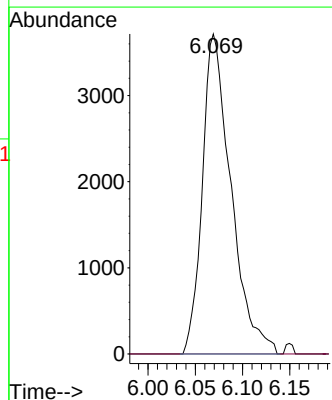
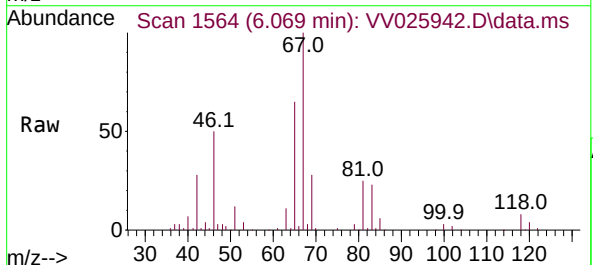
Instrument :
MSVOA_V
ClientSampleId :
C0AA1

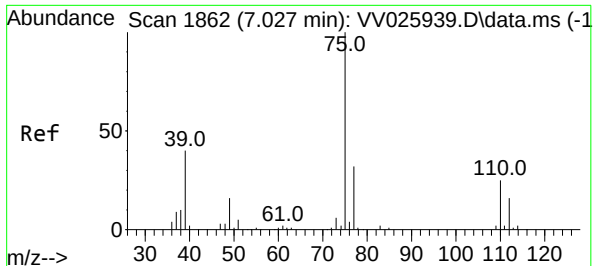
Tgt Ion: 83 Resp: 16896
Ion Ratio Lower Upper
83 100
55 0.6 60.1 90.1#
98 0.6 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV025942.D
Acq: 20 May 2022 13:44

Tgt Ion: 63 Resp: 7833
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.998 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV025942.D

Acq: 20 May 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

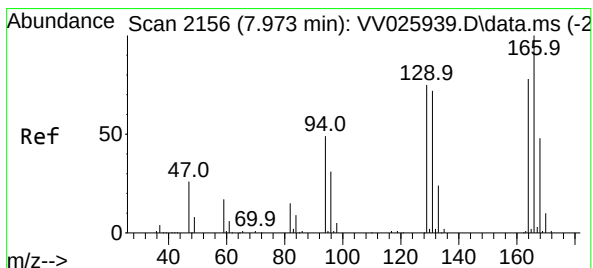
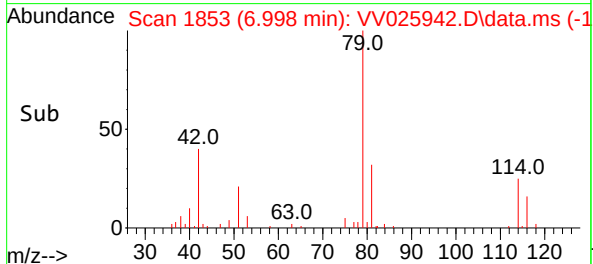
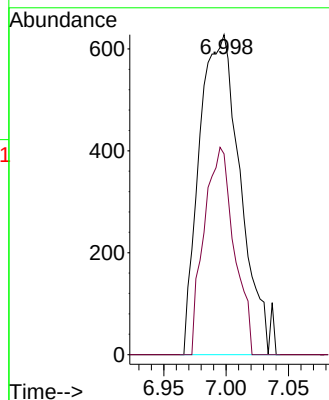
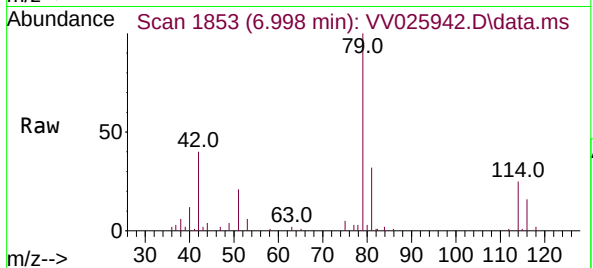
C0AA1

Tgt Ion: 75 Resp: 1442

Ion Ratio Lower Upper

75 100

77 62.7 22.1 41.1#



#47

Tetrachloroethene

Concen: 0.122 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025942.D

Acq: 20 May 2022 13:44

Tgt Ion: 164 Resp: 1340

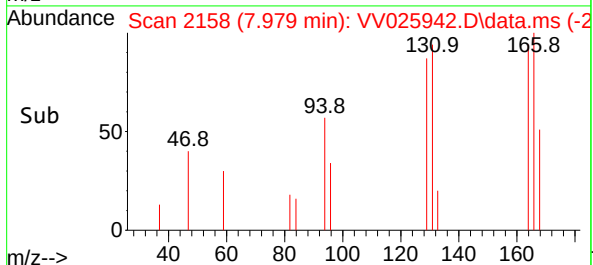
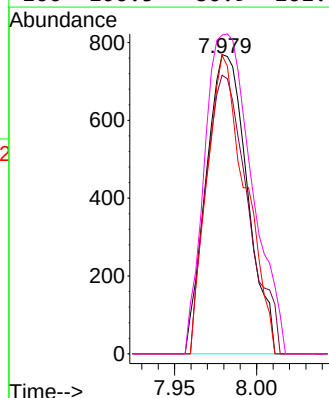
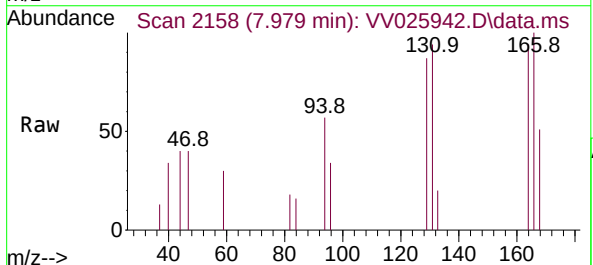
Ion Ratio Lower Upper

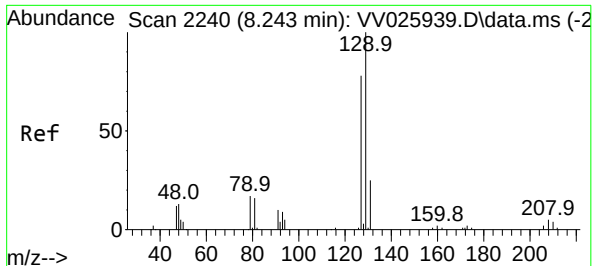
164 100

129 93.1 67.5 125.4

131 99.7 63.8 118.4

166 106.5 86.9 161.3





#49

Dibromochloromethane

Concen: 0.129 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025942.D

Acq: 20 May 2022 13:44

Instrument :

MSVOA_V

ClientSampleId :

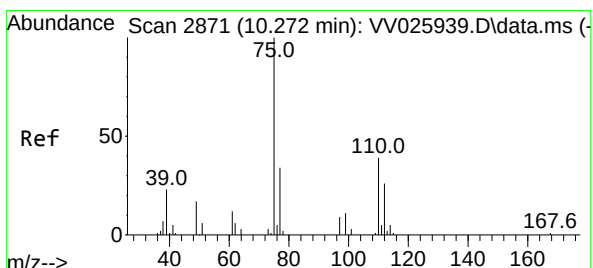
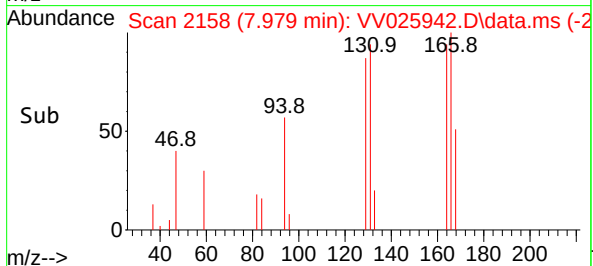
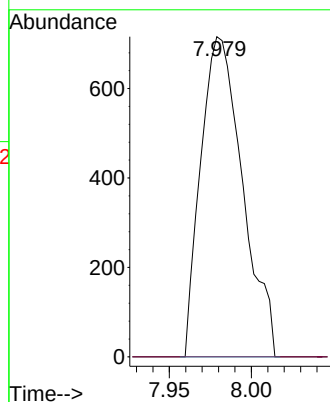
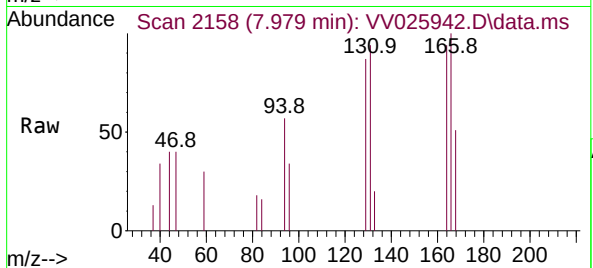
C0AA1

Tgt Ion:129 Resp: 1267

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.407 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025942.D

Acq: 20 May 2022 13:44

Tgt Ion: 75 Resp: 8705

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

110 2.9 32.4 48.6#

