

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042122\
 Data File : VW025673.D
 Acq On : 21 Apr 2022 17:44
 Operator : SY/MD
 Sample : N2492-11DL 500X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6W3DL

Quant Time: Apr 22 03:10:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 22 03:06:52 2022
 Response via : Initial Calibration

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

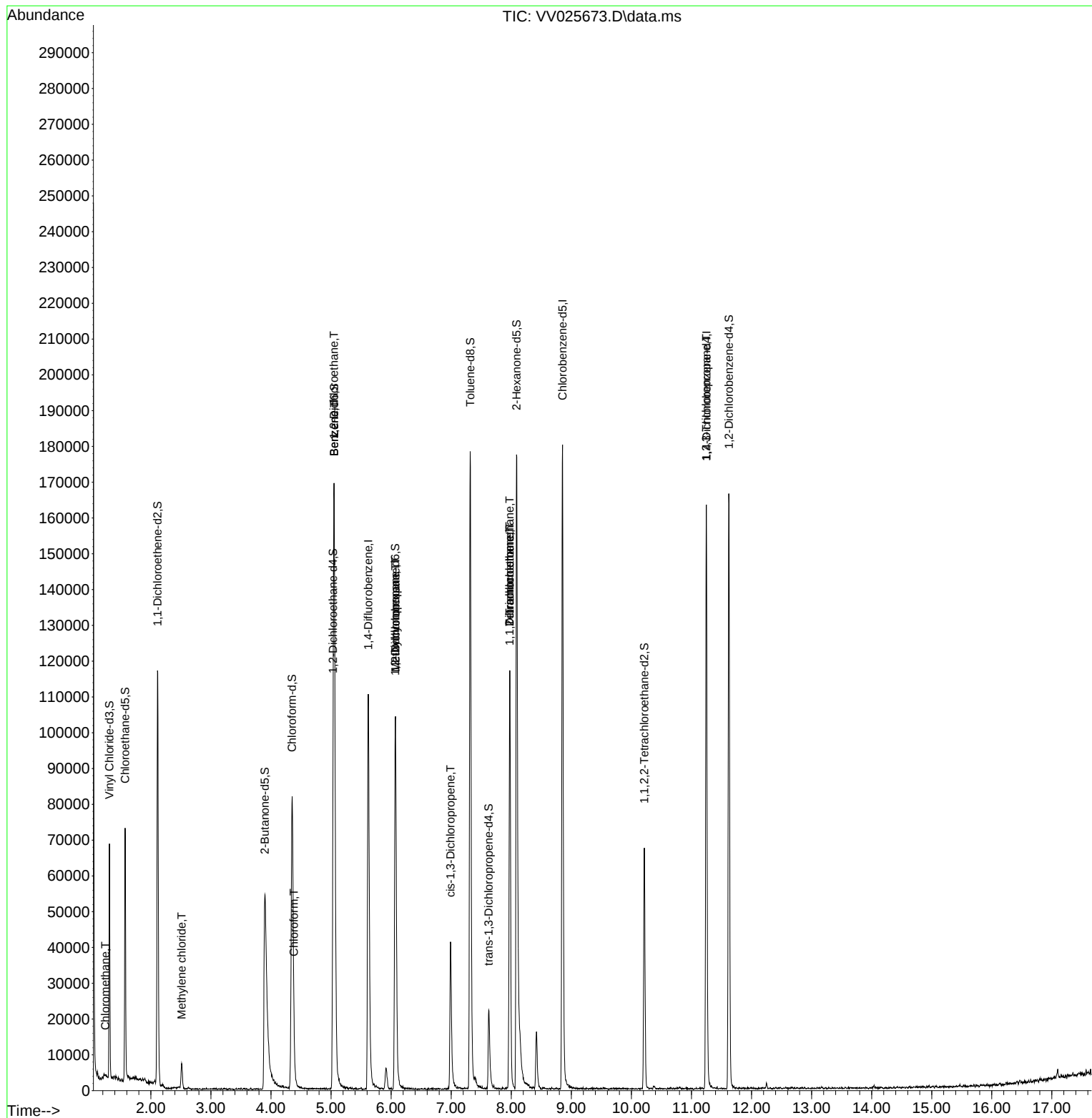
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	99012	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	98145	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	41987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	39851	4.329	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.571	69	44047	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.111	63	61654	3.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.896	46	89461	79.895	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	159.800%#
24) Chloroform-d	4.352	84	84061	6.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.800%
26) 1,2-Dichloroethane-d4	5.034	65	41815	6.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	139.600%#
32) Benzene-d6	5.053	84	151794	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.069	67	50325	6.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.000%
41) Toluene-d8	7.317	98	119727	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.625	79	14390	5.406	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.200%
46) 2-Hexanone-d5	8.088	63	61326	65.643	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.280%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32310	6.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.200%#
66) 1,2-Dichlorobenzene-d4	11.622	152	42439	6.029	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.600%#
Target Compounds						Qvalue
3) Chloromethane	1.243	50	405	0.042	ug/L	89
16) Methylene chloride	2.513	84	2762	0.332	ug/L	89
25) Chloroform	4.381	83	1649	0.128	ug/L	83
27) 1,2-Dichloroethane	5.050	62	805	0.119	ug/L #	71
33) Benzene	5.053	78	1346	0.046	ug/L	100
35) Methylcyclohexane	6.072	83	12700	1.034	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6160	0.918	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1001	0.114	ug/L	84
45) 1,1,2-Trichloroethane	7.973	97	279	0.062	ug/L #	24
47) Tetrachloroethene	7.976	164	25357	4.208	ug/L	96
49) Dibromochloromethane	7.976	129	24318	4.932	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	5588	2.021	ug/L #	62

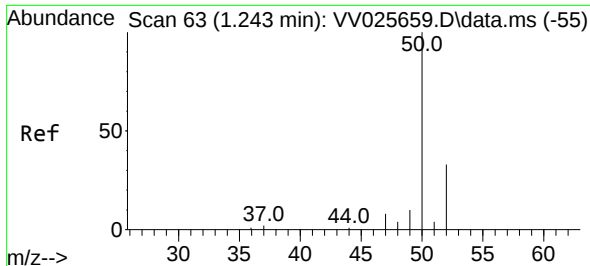
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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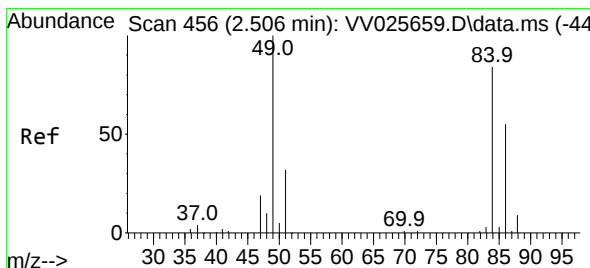
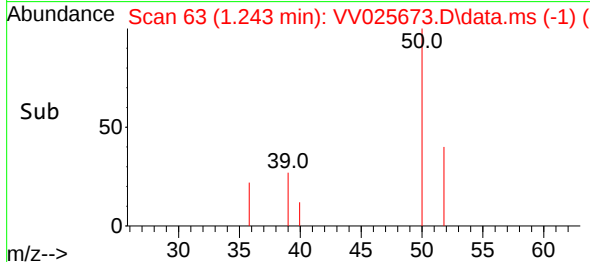
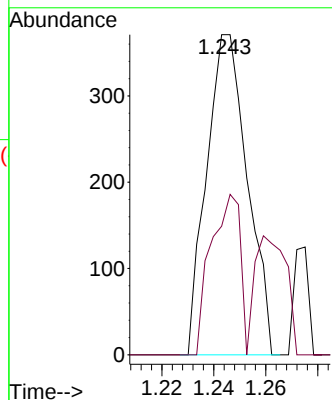
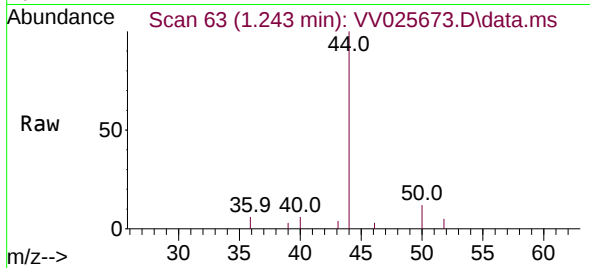




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025673.D
Acq: 21 Apr 2022 17:44

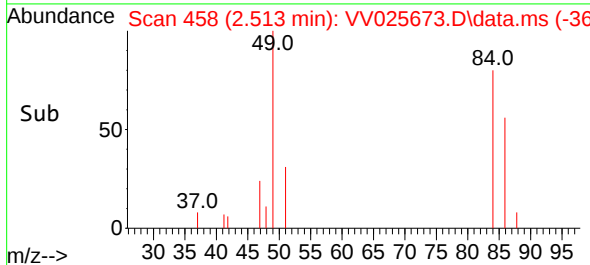
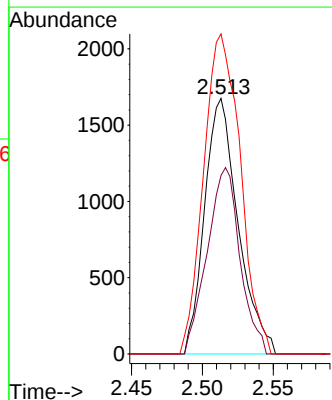
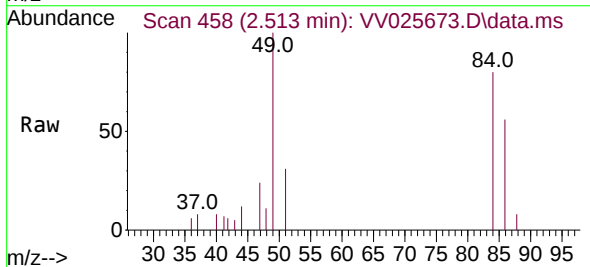
Instrument :
MSVOA_V
ClientSampleId :
EW6W3DL

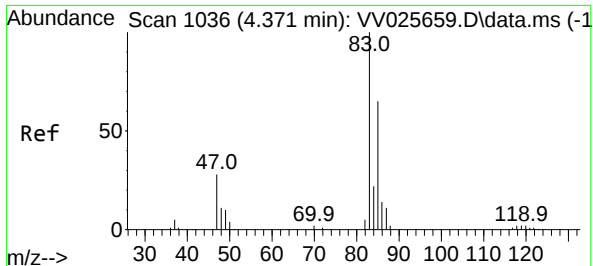
Tgt Ion: 50 Resp: 405
Ion Ratio Lower Upper
50 100
52 40.2 23.7 43.9



#16
Methylene chloride
Concen: 0.332 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.007 min
Lab File: VV025673.D
Acq: 21 Apr 2022 17:44

Tgt Ion: 84 Resp: 2762
Ion Ratio Lower Upper
84 100
86 69.9 45.9 85.3
49 125.3 76.6 142.3





#25

Chloroform

Concen: 0.128 ug/L

RT: 4.381 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV025673.D

Acq: 21 Apr 2022 17:44

Instrument :

MSVOA_V

ClientSampleId :

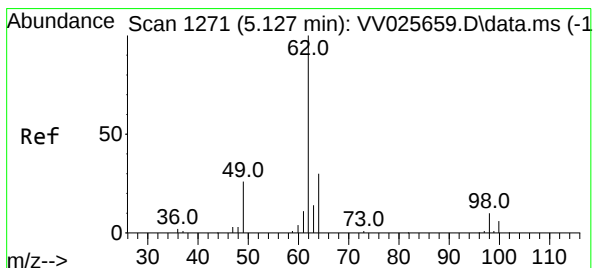
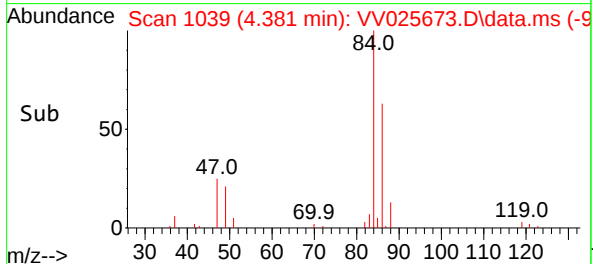
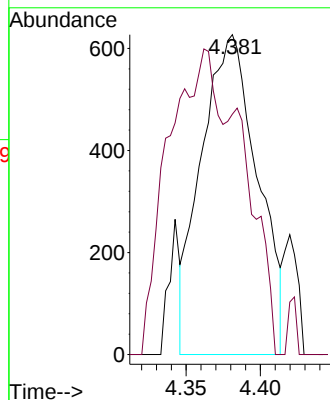
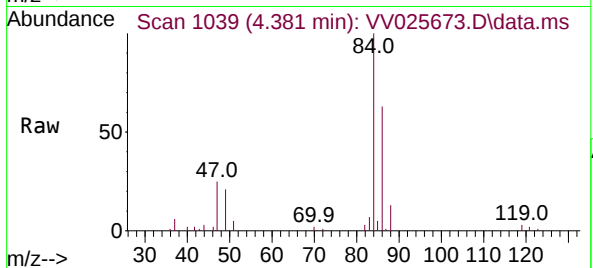
EW6W3DL

Tgt Ion: 83 Resp: 1649

Ion Ratio Lower Upper

83 100

85 75.1 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.119 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025673.D

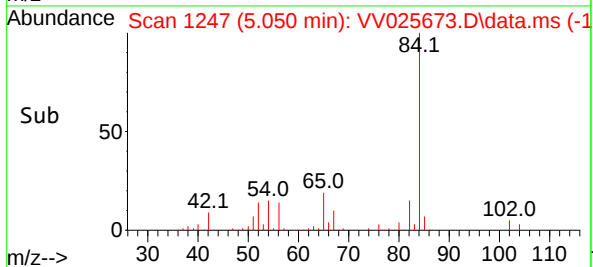
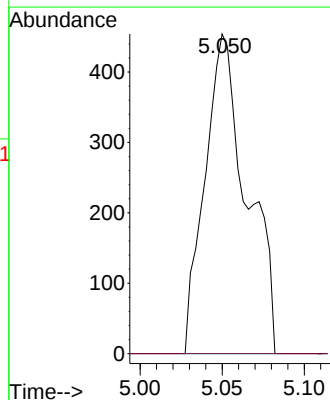
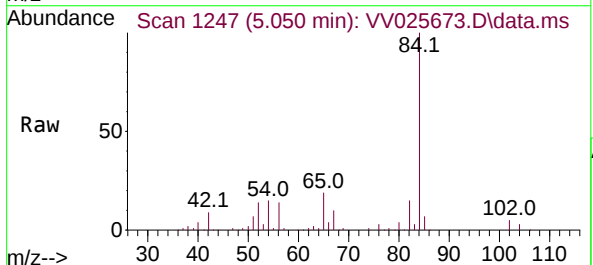
Acq: 21 Apr 2022 17:44

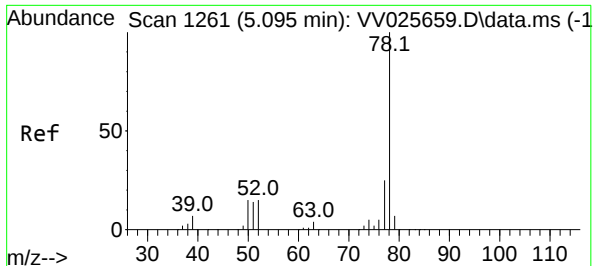
Tgt Ion: 62 Resp: 805

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#

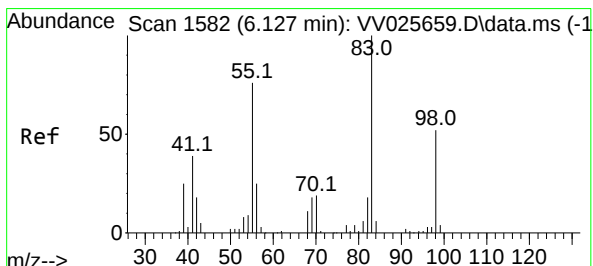
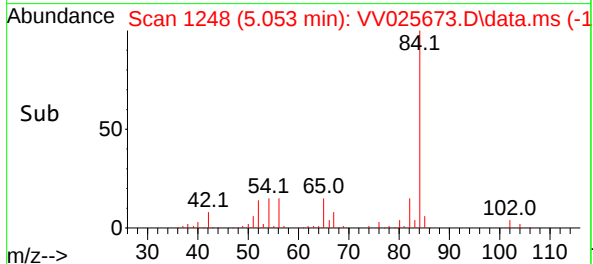
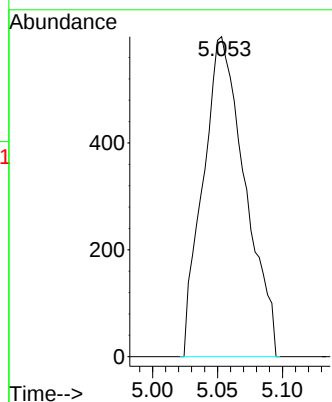
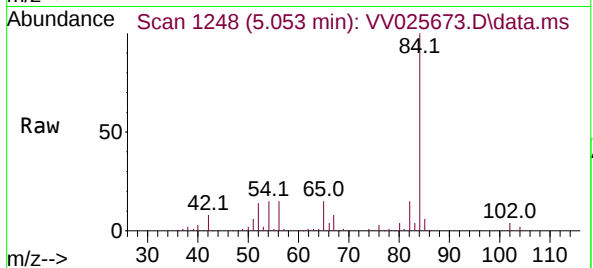




#33
Benzene
Concen: 0.046 ug/L
RT: 5.053 min Scan# 11
Delta R.T. -0.042 min
Lab File: VV025673.D
Acq: 21 Apr 2022 17:44

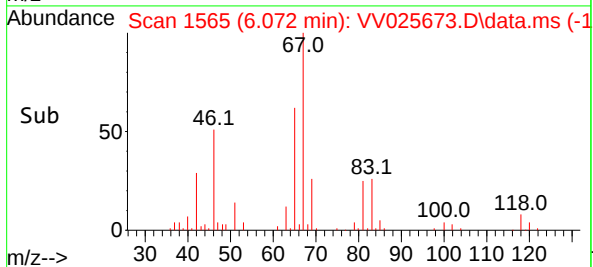
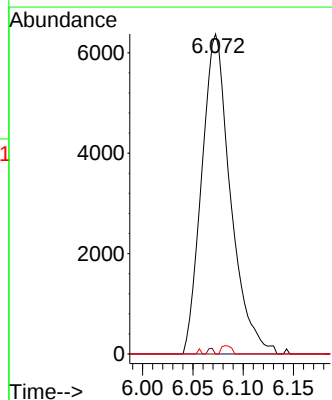
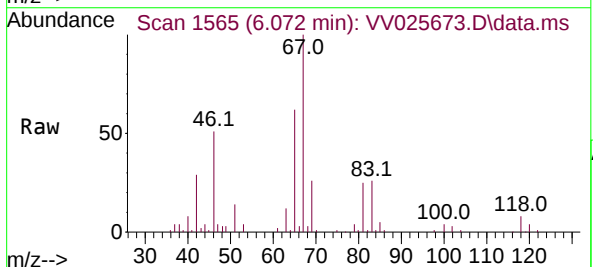
Instrument :
MSVOA_V
ClientSampleId :
EW6W3DL

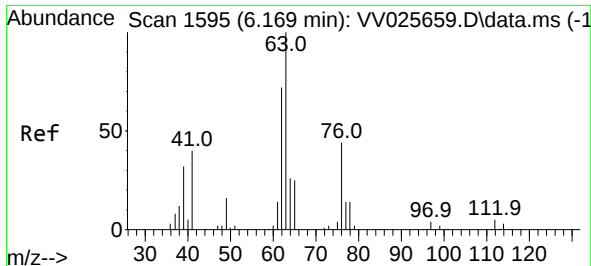
Tgt Ion: 78 Resp: 1346



#35
Methylcyclohexane
Concen: 1.034 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.054 min
Lab File: VV025673.D
Acq: 21 Apr 2022 17:44

Tgt Ion: 83 Resp: 12700
Ion Ratio Lower Upper
83 100
55 0.3 53.7 80.5#
98 0.9 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.918 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV025673.D

Acq: 21 Apr 2022 17:44

Instrument :

MSVOA_V

ClientSampleId :

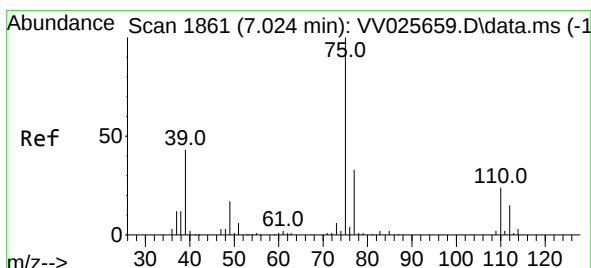
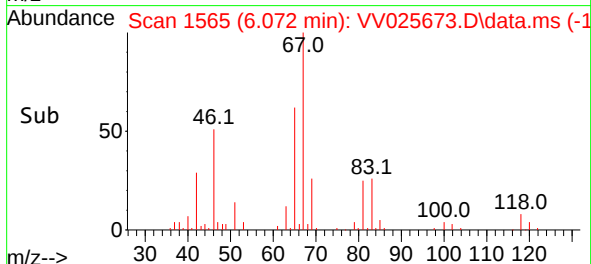
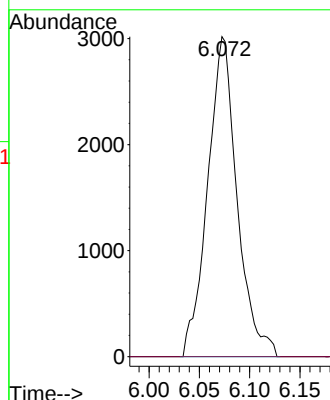
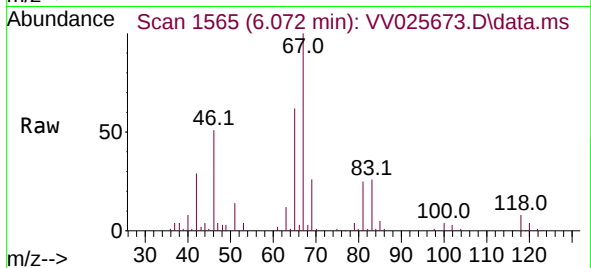
EW6W3DL

Tgt Ion: 63 Resp: 6160

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025673.D

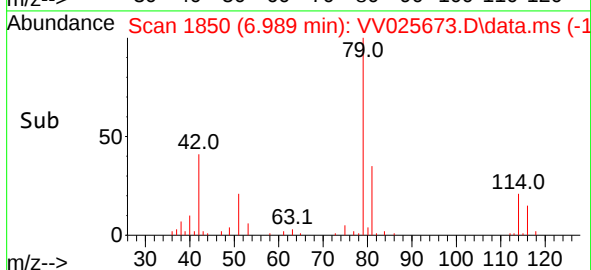
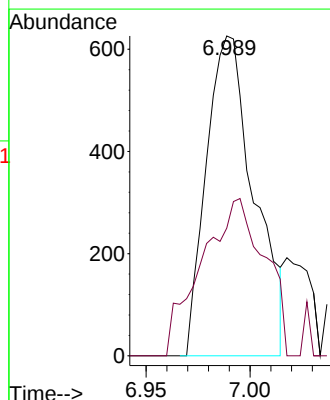
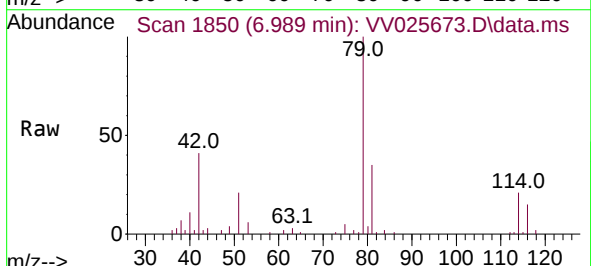
Acq: 21 Apr 2022 17:44

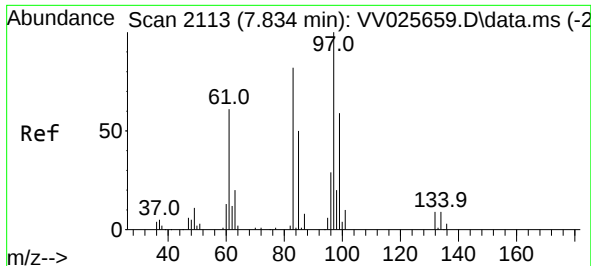
Tgt Ion: 75 Resp: 1001

Ion Ratio Lower Upper

75 100

77 39.9 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 0.062 ug/L

RT: 7.973 min Scan# 2113

Delta R.T. 0.138 min

Lab File: VV025673.D

Acq: 21 Apr 2022 17:44

Instrument :

MSVOA_V

ClientSampleId :

EW6W3DL

Tgt Ion: 97 Resp: 279

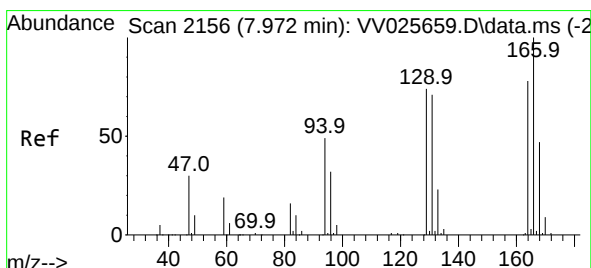
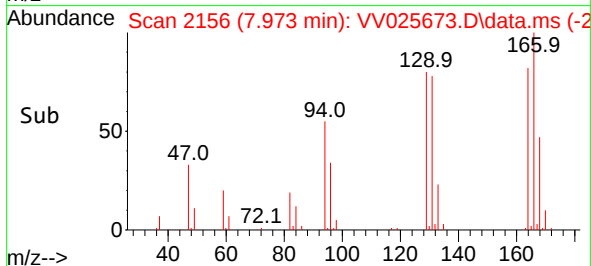
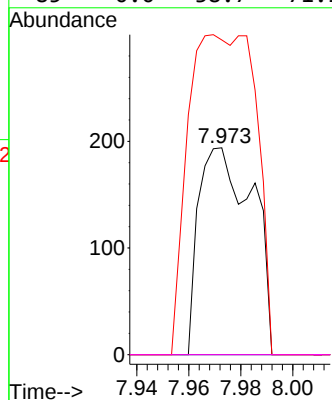
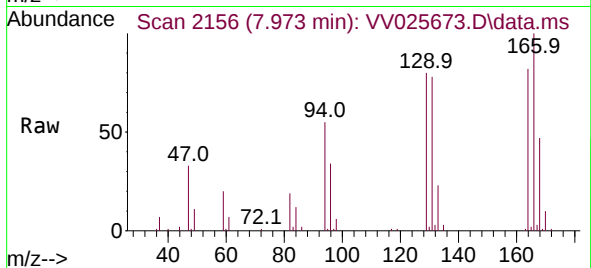
Ion Ratio Lower Upper

97 100

99 0.0 43.8 81.4#

83 152.1 60.3 112.1#

85 0.0 38.7 71.9#



#47

Tetrachloroethene

Concen: 4.208 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025673.D

Acq: 21 Apr 2022 17:44

Tgt Ion:164 Resp: 25357

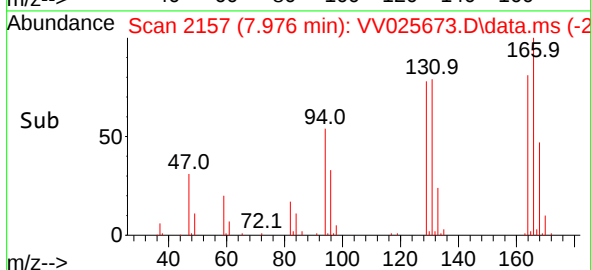
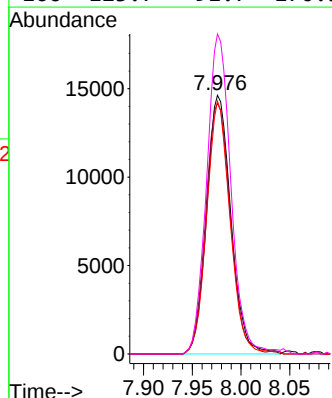
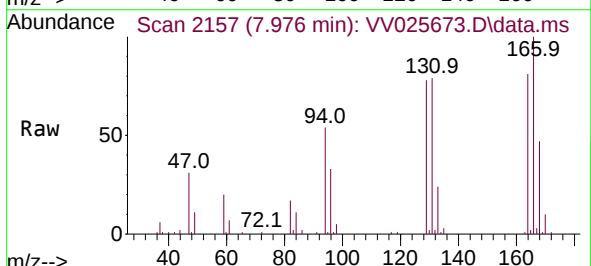
Ion Ratio Lower Upper

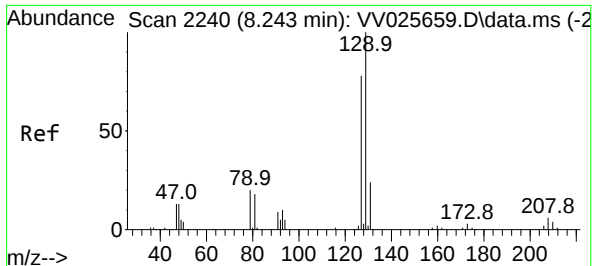
164 100

129 97.0 66.8 124.2

131 97.7 66.4 123.4

166 123.7 91.7 170.3





#49

Dibromochloromethane

Concen: 4.932 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025673.D

Acq: 21 Apr 2022 17:44

Instrument :

MSVOA_V

ClientSampleId :

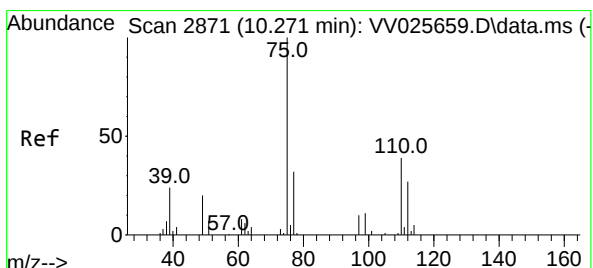
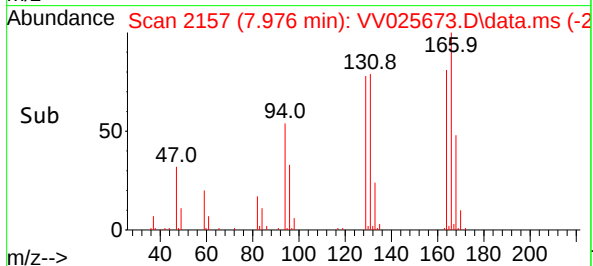
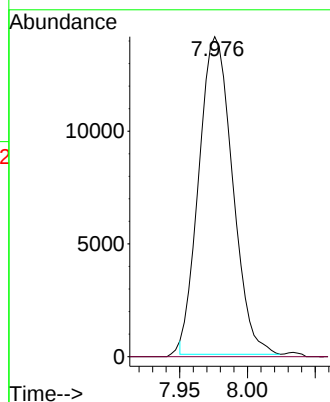
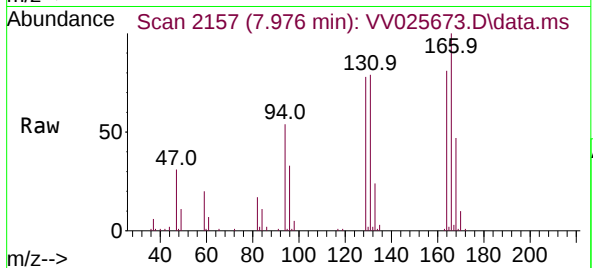
EW6W3DL

Tgt Ion:129 Resp: 24318

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 2.021 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025673.D

Acq: 21 Apr 2022 17:44

Tgt Ion: 75 Resp: 5588

Ion Ratio Lower Upper

75 100

77 34.2 25.6 38.4

110 2.7 34.7 52.1#

