

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
 Data File : VV026691.D
 Acq On : 08 Jul 2022 12:43
 Operator : SY/MD
 Sample : N3601-03DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA4DL

Quant Time: Jul 08 23:55:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

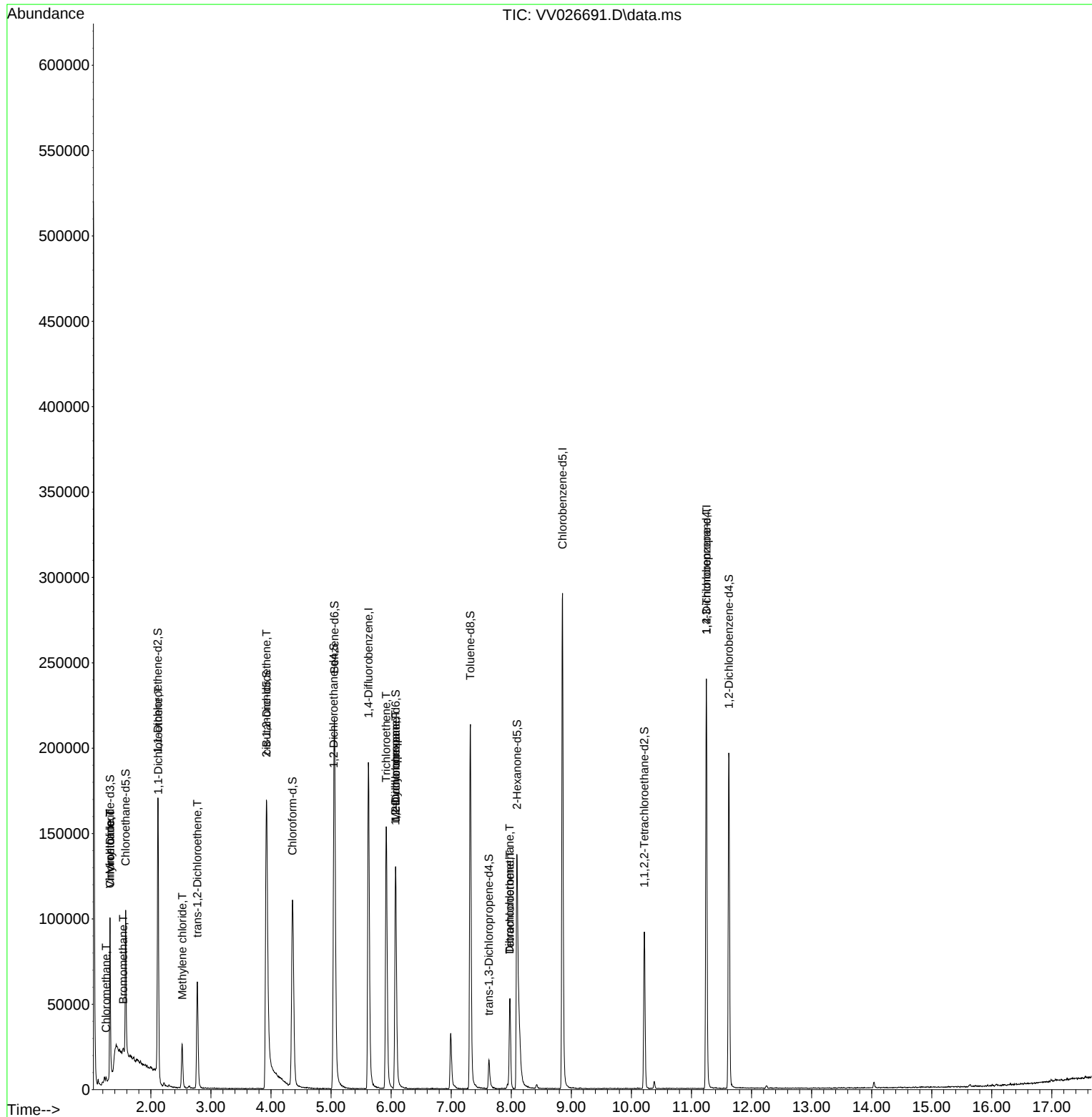
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	177737	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	171841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	58948	4.124	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.580	69	55210	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.117	63	85680	3.373	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	3.928	46	54497	38.349	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.700%
24) Chloroform-d	4.358	84	120774	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.043	65	46749	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.056	84	208111	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.075	67	67666	4.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.320	98	154028	3.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.628	79	11720	3.341	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.800%
46) 2-Hexanone-d5	8.095	63	57238	42.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48024	5.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	54311	4.918	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1480	0.100	ug/L	95
5) Vinyl chloride	1.323	62	6448	0.409	ug/L #	35
6) Bromomethane	1.539	94	1269	0.149	ug/L	89
8) Chloroethane	1.323	64	4790	0.447	ug/L	98
12) 1,1-Dichloroethene	2.124	96	1654	0.138	ug/L #	1
16) Methylene chloride	2.523	84	11730	0.920	ug/L	95
18) trans-1,2-Dichloroethene	2.773	96	25871	2.112	ug/L	91
22) cis-1,2-Dichloroethene	3.924	96	90709	7.458	ug/L	94
34) Trichloroethene	5.918	95	55274	4.190	ug/L	96
35) Methylcyclohexane	6.075	83	16549	0.848	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	7162	0.592	ug/L #	84
47) Tetrachloroethene	7.979	164	13366	1.273	ug/L	95
49) Dibromochloromethane	7.976	129	11461	1.484	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7050	1.632	ug/L #	63

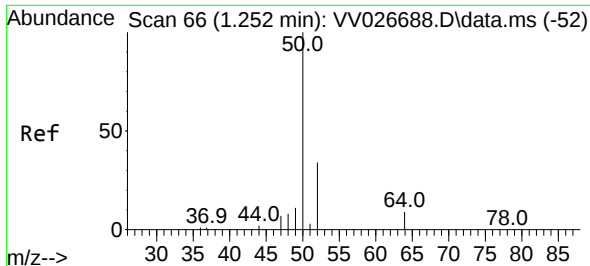
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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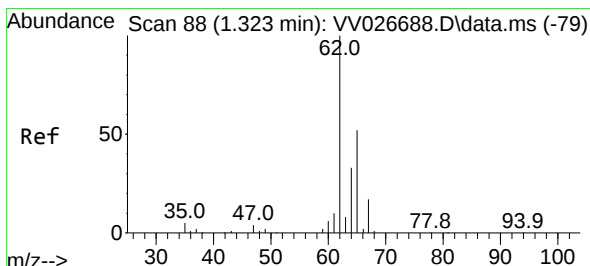
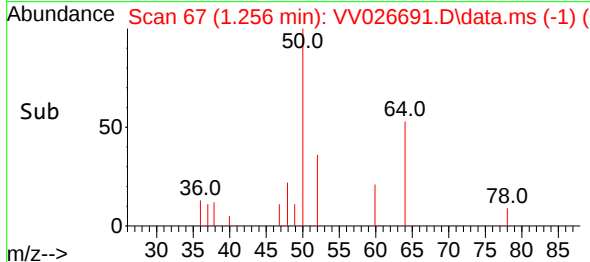
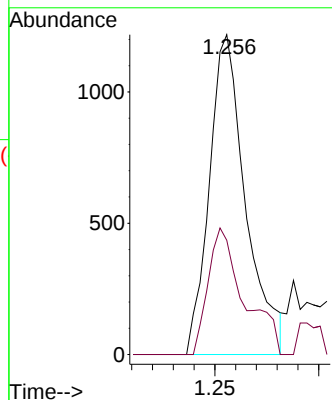
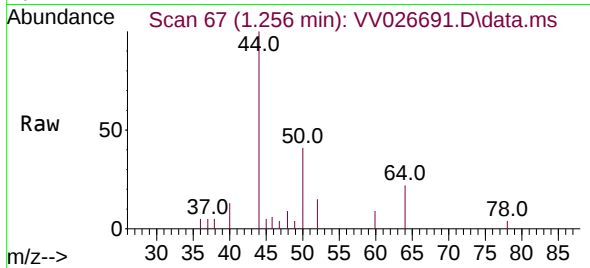




#3
Chloromethane
Concen: 0.100 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026691.D
Acq: 08 Jul 2022 12:43

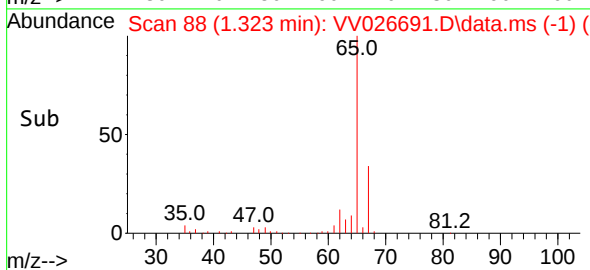
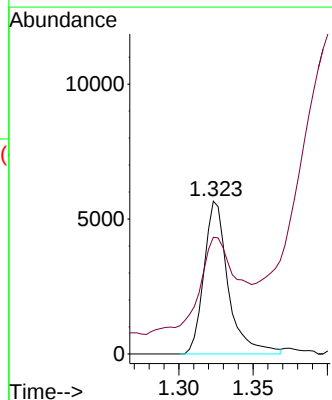
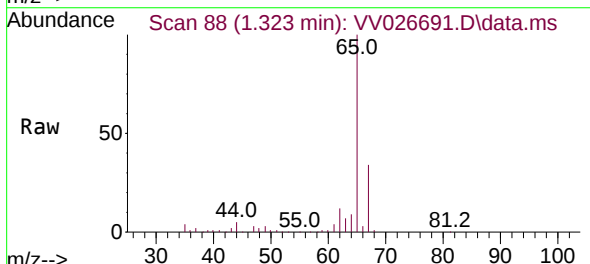
Instrument :
MSVOA_V
ClientSampleId :
DBUA4DL

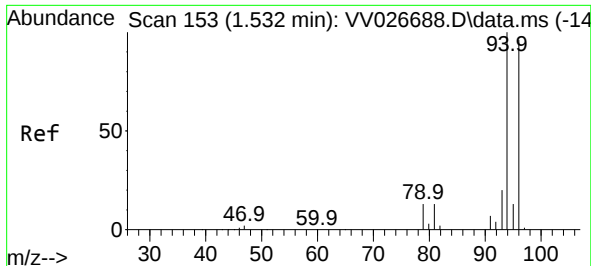
Tgt Ion: 50 Resp: 1480
Ion Ratio Lower Upper
50 100
52 35.7 23.0 42.6



#5
Vinyl chloride
Concen: 0.409 ug/L
RT: 1.323 min Scan# 88
Delta R.T. 0.000 min
Lab File: VV026691.D
Acq: 08 Jul 2022 12:43

Tgt Ion: 62 Resp: 6448
Ion Ratio Lower Upper
62 100
64 76.3 26.2 48.6#

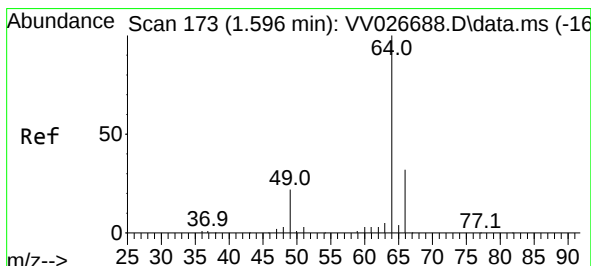
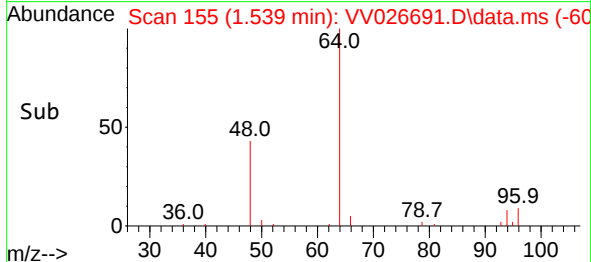
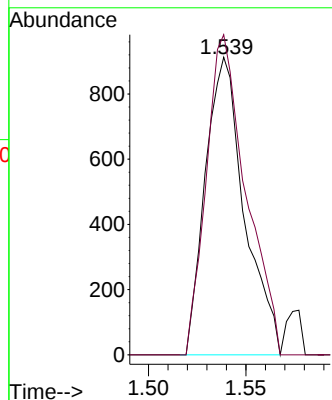
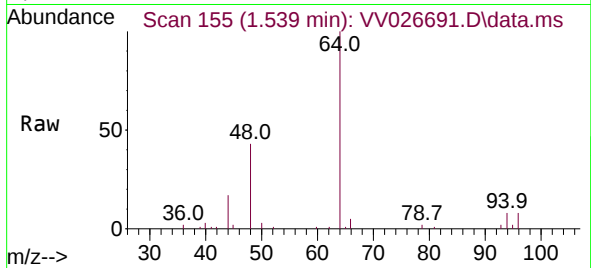




#6
Bromomethane
Concen: 0.149 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026691.D
Acq: 08 Jul 2022 12:43

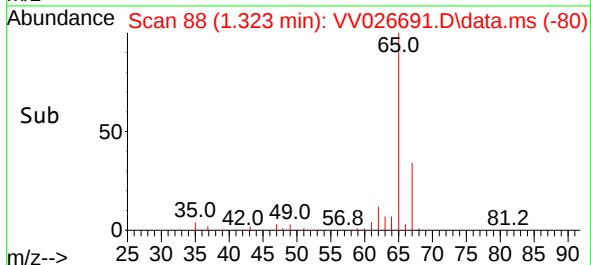
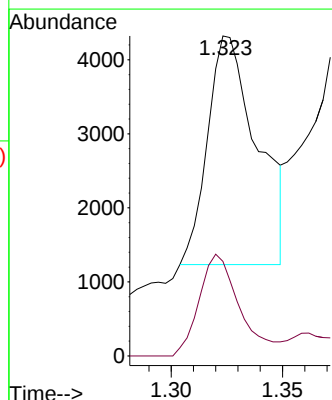
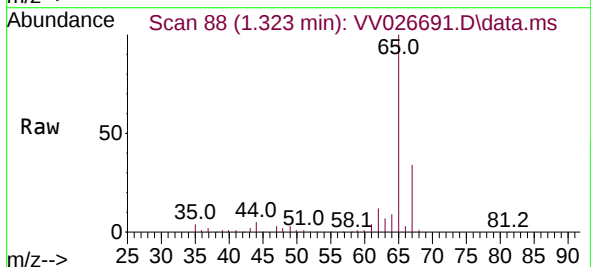
Instrument :
MSVOA_V
ClientSampleId :
DBUA4DL

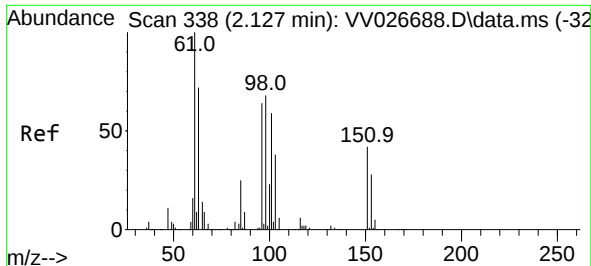
Tgt Ion: 94 Resp: 1269
Ion Ratio Lower Upper
94 100
96 107.6 68.0 126.2



#8
Chloroethane
Concen: 0.447 ug/L
RT: 1.323 min Scan# 88
Delta R.T. -0.273 min
Lab File: VV026691.D
Acq: 08 Jul 2022 12:43

Tgt Ion: 64 Resp: 4790
Ion Ratio Lower Upper
64 100
66 29.5 20.0 37.2





#12

1,1-Dichloroethene

Concen: 0.138 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV026691.D

Acq: 08 Jul 2022 12:43

Instrument :

MSVOA_V

ClientSampleId :

DBUA4DL

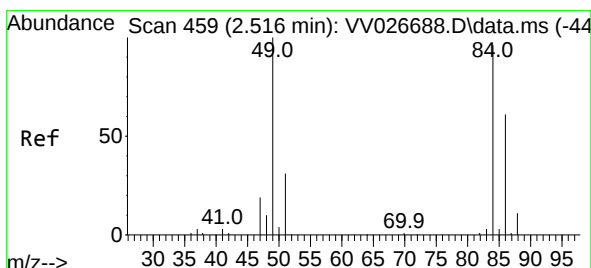
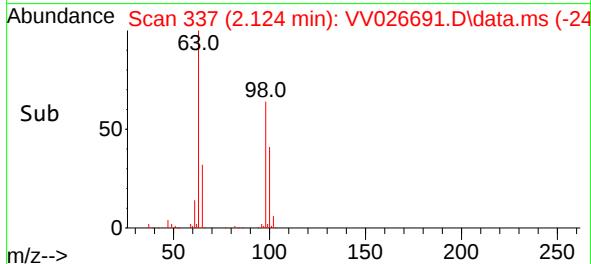
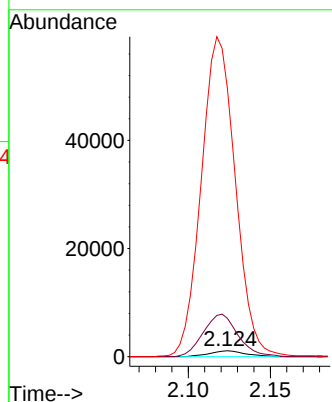
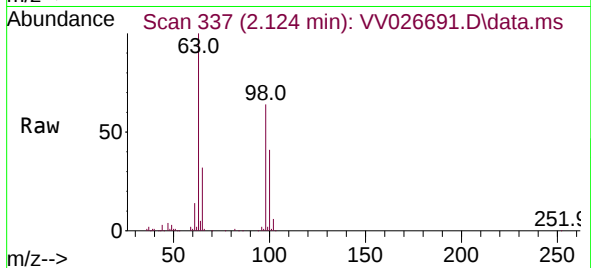
Tgt Ion: 96 Resp: 1654

Ion Ratio Lower Upper

96 100

61 651.1 115.4 214.4#

63 4546.3 87.4 162.2#



#16

Methylene chloride

Concen: 0.920 ug/L

RT: 2.523 min Scan# 461

Delta R.T. 0.006 min

Lab File: VV026691.D

Acq: 08 Jul 2022 12:43

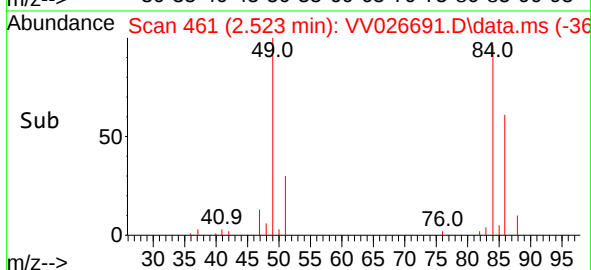
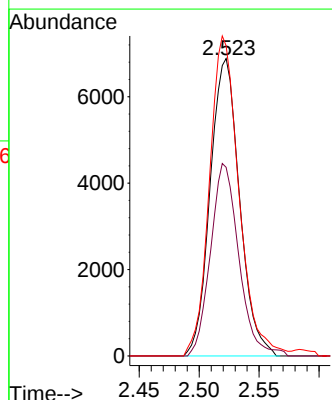
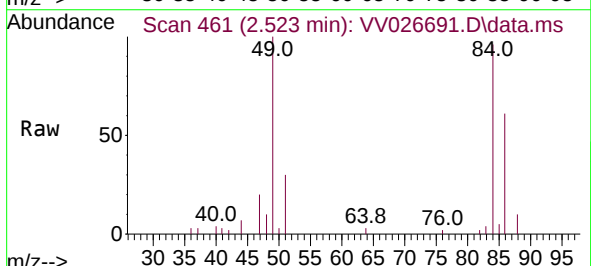
Tgt Ion: 84 Resp: 11730

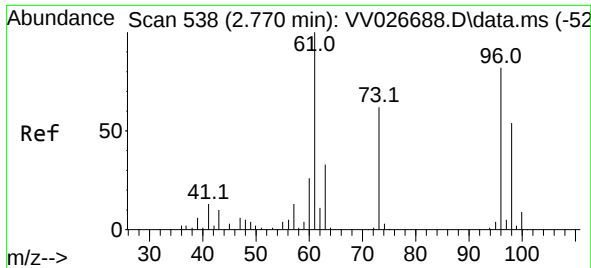
Ion Ratio Lower Upper

84 100

86 63.4 46.0 85.4

49 104.3 77.7 144.3

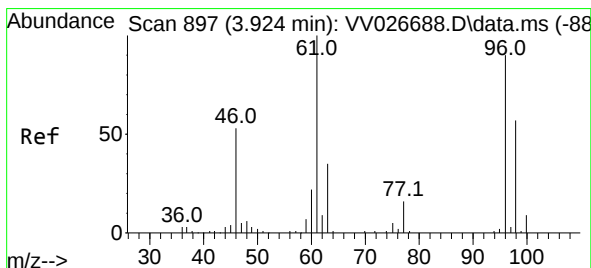
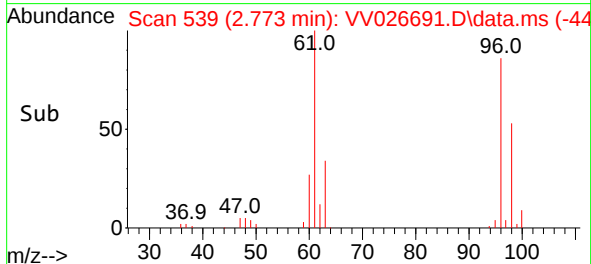
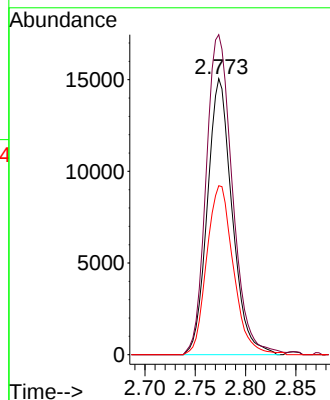
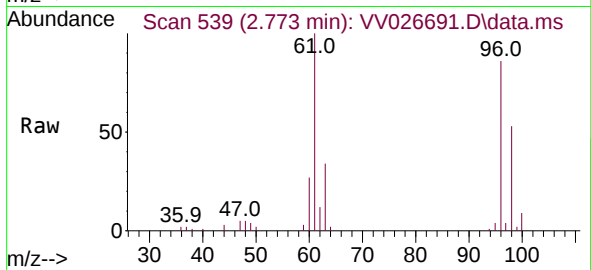




#18
trans-1,2-Dichloroethene
Concen: 2.112 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026691.D
Acq: 08 Jul 2022 12:43

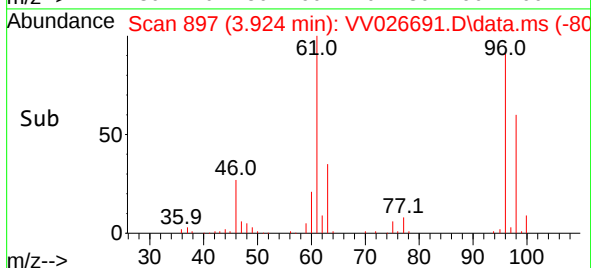
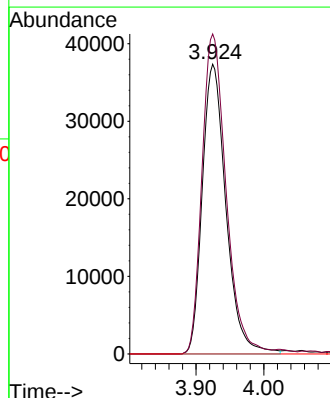
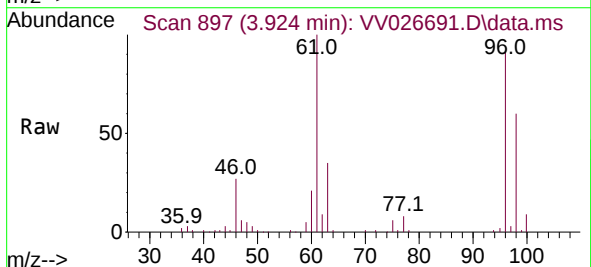
Instrument :
MSVOA_V
ClientSampleId :
DBUA4DL

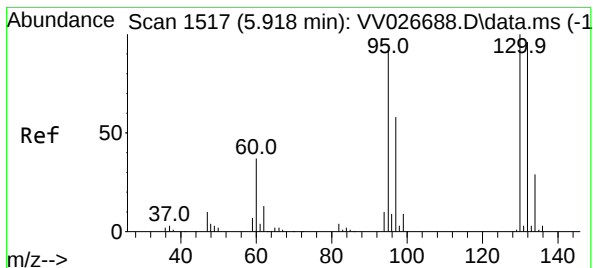
Tgt Ion: 96 Resp: 25871
Ion Ratio Lower Upper
96 100
61 115.9 90.4 167.8
98 61.2 45.6 84.8



#22
cis-1,2-Dichloroethene
Concen: 7.458 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.000 min
Lab File: VV026691.D
Acq: 08 Jul 2022 12:43

Tgt Ion: 96 Resp: 90709
Ion Ratio Lower Upper
96 100
61 110.4 82.0 152.2
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 4.190 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026691.D

Acq: 08 Jul 2022 12:43

Instrument :

MSVOA_V

ClientSampleId :

DBUA4DL

Tgt Ion: 95 Resp: 55274

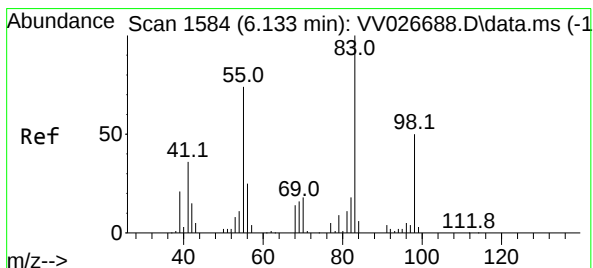
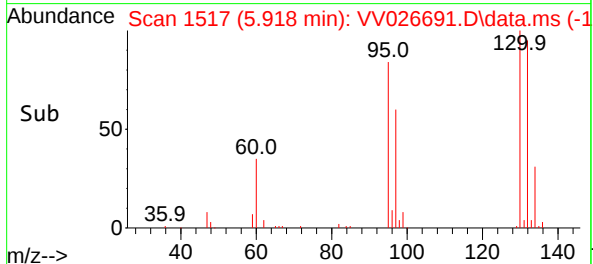
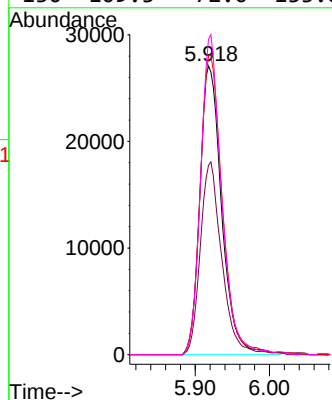
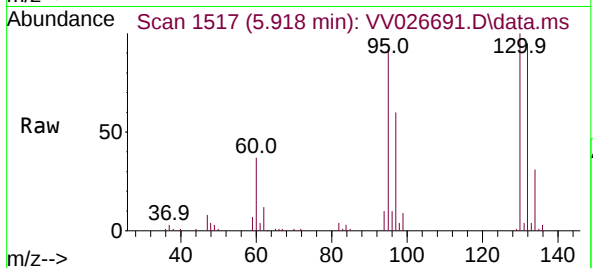
Ion Ratio Lower Upper

95 100

97 65.6 46.8 87.0

132 103.5 69.9 129.7

130 109.3 72.0 133.8



#35

Methylcyclohexane

Concen: 0.848 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026691.D

Acq: 08 Jul 2022 12:43

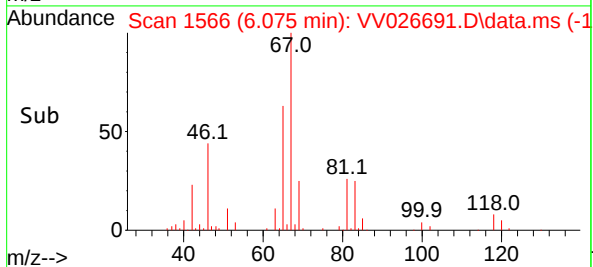
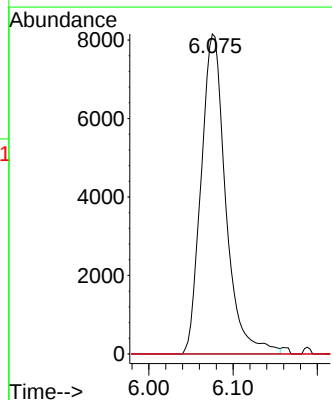
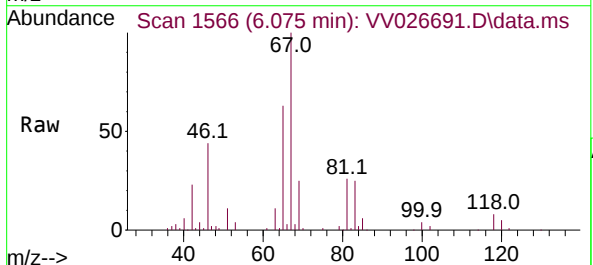
Tgt Ion: 83 Resp: 16549

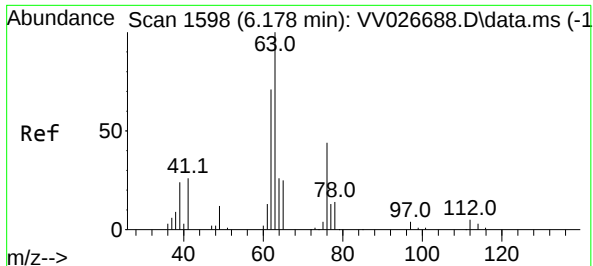
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.7 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV026691.D

Acq: 08 Jul 2022 12:43

Instrument :

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ClientSampleId :

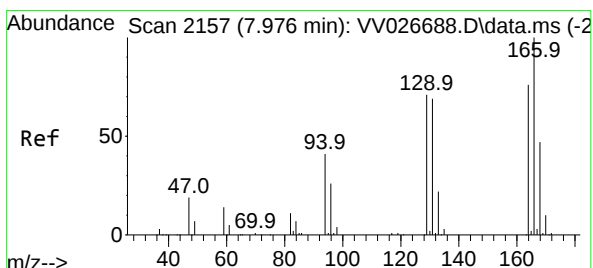
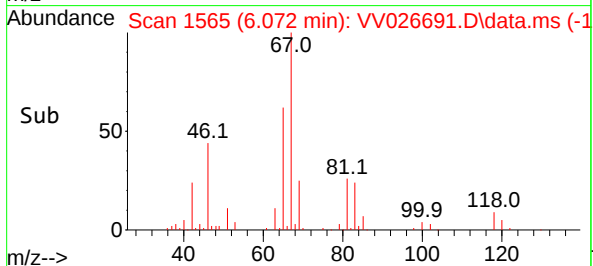
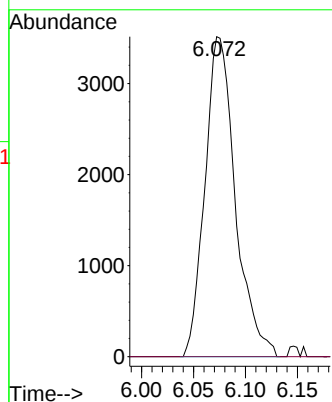
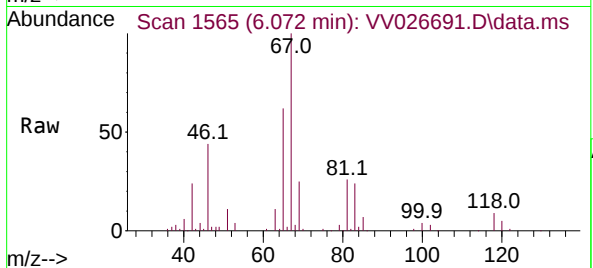
DBUA4DL

Tgt Ion: 63 Resp: 7162

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#47

Tetrachloroethene

Concen: 1.273 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026691.D

Acq: 08 Jul 2022 12:43

Tgt Ion: 164 Resp: 13366

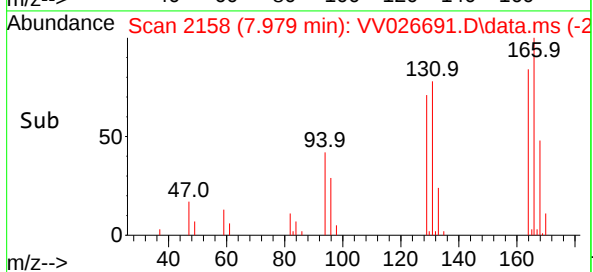
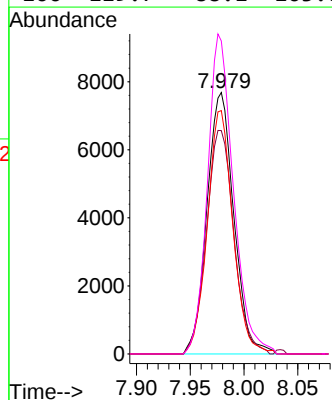
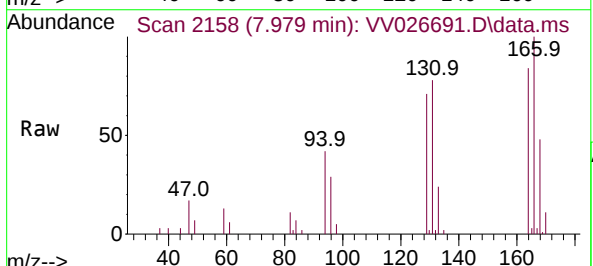
Ion Ratio Lower Upper

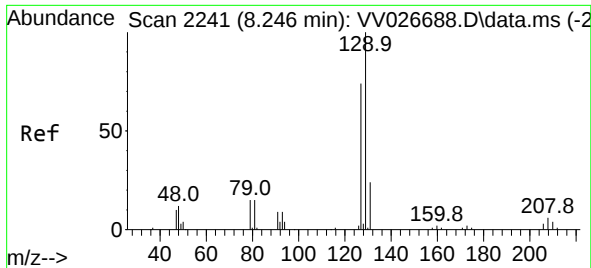
164 100

129 85.4 66.4 123.2

131 93.1 64.4 119.6

166 119.7 88.1 163.7





#49

Dibromochloromethane

Concen: 1.484 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026691.D

Acq: 08 Jul 2022 12:43

Instrument :

MSVOA_V

ClientSampleId :

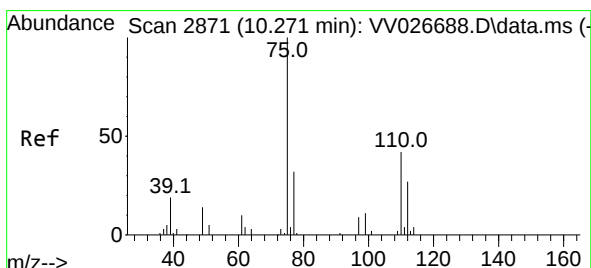
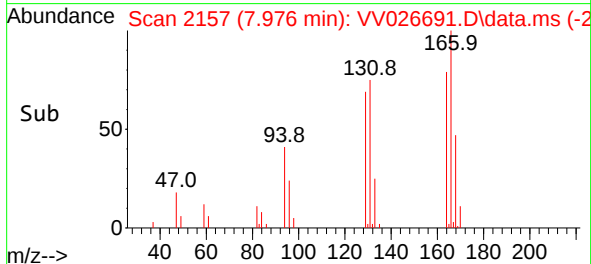
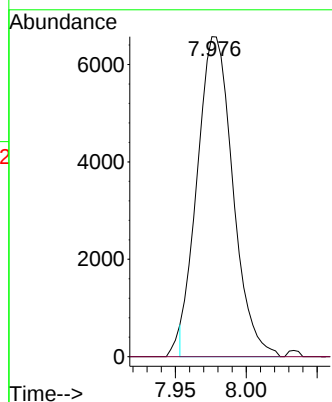
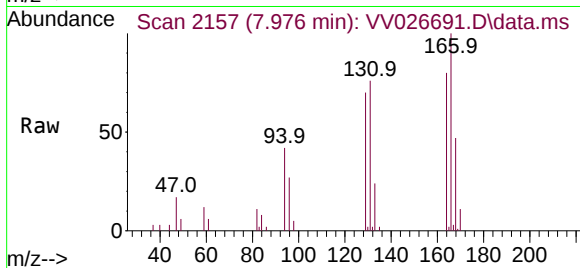
DBUA4DL

Tgt Ion:129 Resp: 11461

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 1.632 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026691.D

Acq: 08 Jul 2022 12:43

Tgt Ion: 75 Resp: 7050

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6

110 0.6 32.5 48.7#

