

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026678.D
 Acq On : 07 Jul 2022 15:43
 Operator : SY/MD
 Sample : N3601-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA5

Quant Time: Jul 08 03:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	186183	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	178022	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	56587	3.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.581	69	50503	4.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.121	63	82851	3.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	3.918	46	85969	57.751	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.500%
24) Chloroform-d	4.362	84	106011	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.044	65	43235	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.060	84	201139	3.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.079	67	60994	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.320	98	157014	3.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	7.632	79	13725	3.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.092	63	53735	38.815	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40620	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	54038	4.353	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	2864	0.185	ug/L	94
5) Vinyl chloride	1.327	62	5963	0.361	ug/L #	57
6) Bromomethane	1.539	94	618	0.069	ug/L	92
8) Chloroethane	1.468	64	35435	3.156	ug/L #	55
12) 1,1-Dichloroethene	2.130	96	3116	0.248	ug/L #	1
17) Methyl tert-butyl Ether	2.793	73	2368	0.116	ug/L	97
18) trans-1,2-Dichloroethene	2.773	96	28862	2.250	ug/L	96
22) cis-1,2-Dichloroethene	3.925	96	284692	22.347	ug/L	94
25) Chloroform	4.388	83	2174	0.088	ug/L #	50
33) Benzene	5.114	78	2995	0.058	ug/L	100
34) Trichloroethene	5.925	95	15213	1.113	ug/L	91
35) Methylcyclohexane	6.076	83	15849	0.784	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	6299	0.503	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1067	0.085	ug/L #	71
47) Tetrachloroethene	7.982	164	3778	0.347	ug/L	87
49) Dibromochloromethane	7.979	129	3630	0.454	ug/L #	11
51) Chlorobenzene	8.886	112	1509	0.043	ug/L #	85
61) 1,2,3-Trichloropropane	11.249	75	9305	1.916	ug/L #	62

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 08 02:58:15 2022
Response via : Initial Calibration

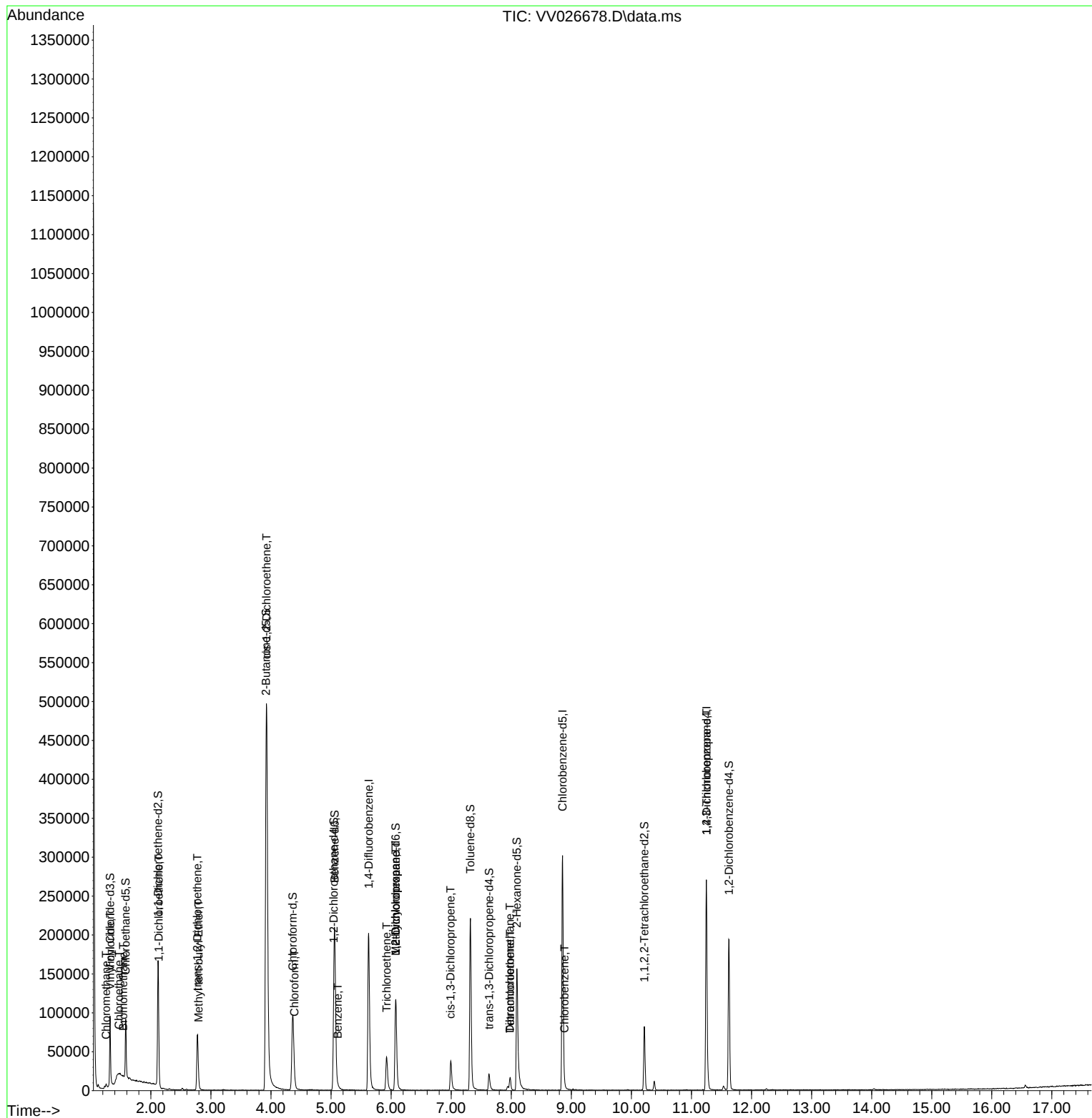
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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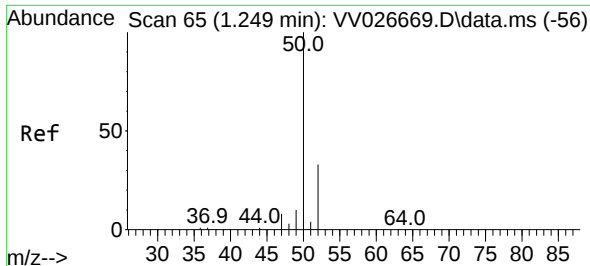
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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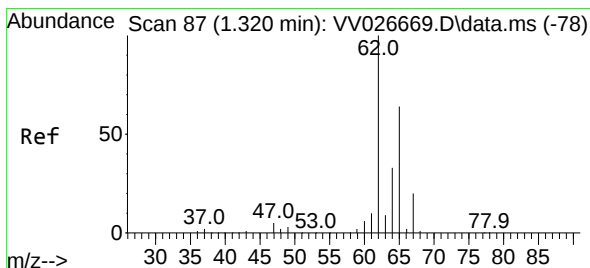
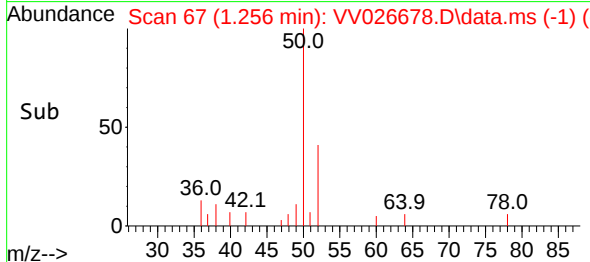
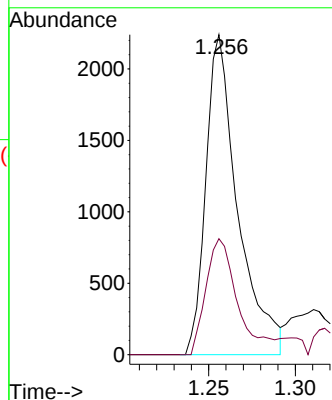
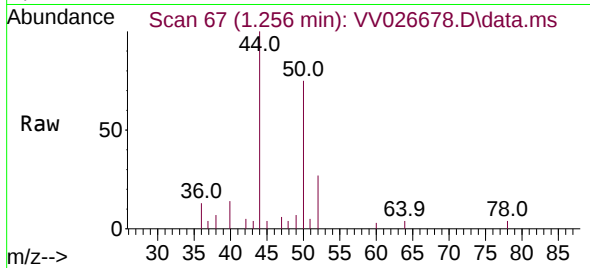




#3
Chloromethane
Concen: 0.185 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

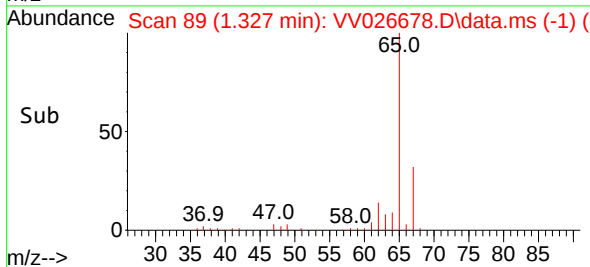
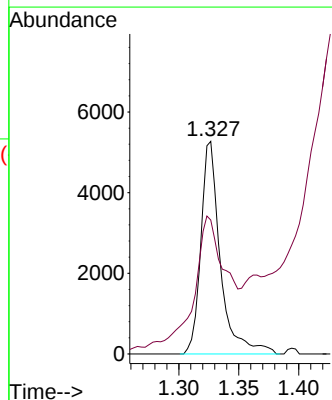
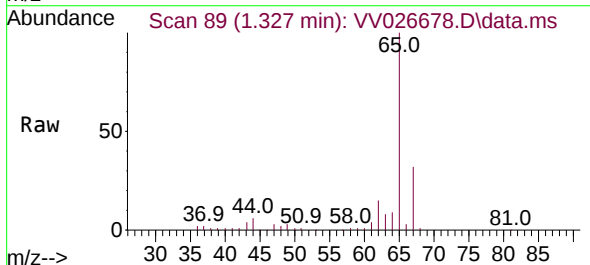
Instrument :
MSVOA_V
ClientSampleId :
DBUA5

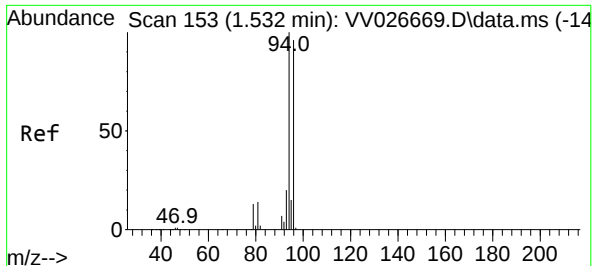
Tgt Ion: 50 Resp: 2864
Ion Ratio Lower Upper
50 100
52 36.2 23.0 42.6



#5
Vinyl chloride
Concen: 0.361 ug/L
RT: 1.327 min Scan# 89
Delta R.T. 0.006 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

Tgt Ion: 62 Resp: 5963
Ion Ratio Lower Upper
62 100
64 62.9 26.2 48.6#

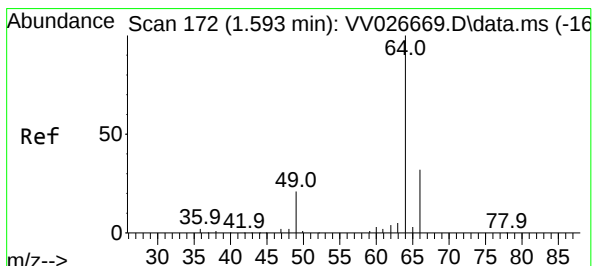
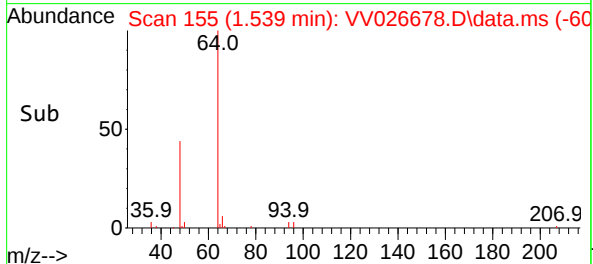
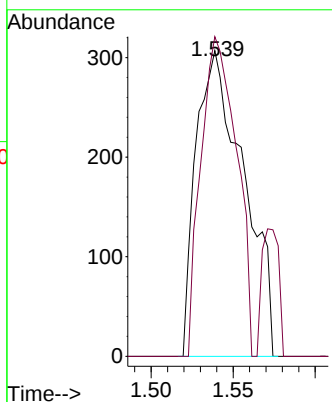
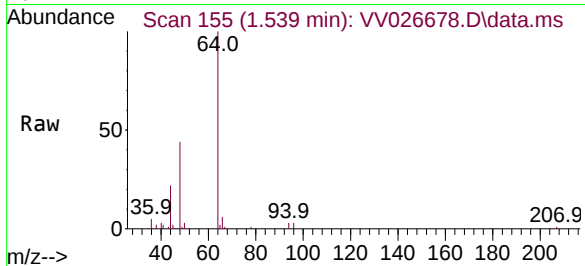




#6
Bromomethane
Concen: 0.069 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

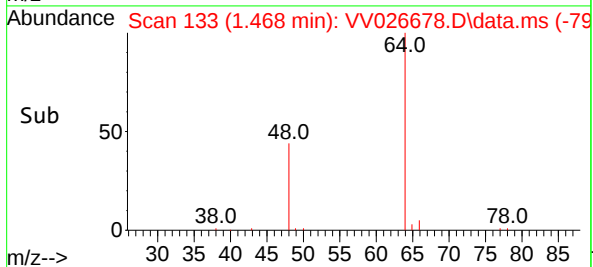
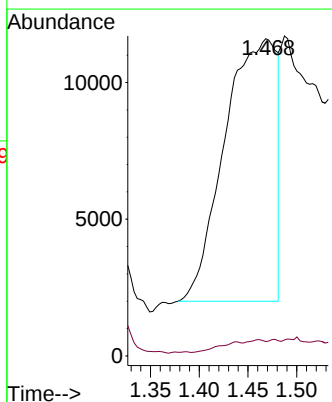
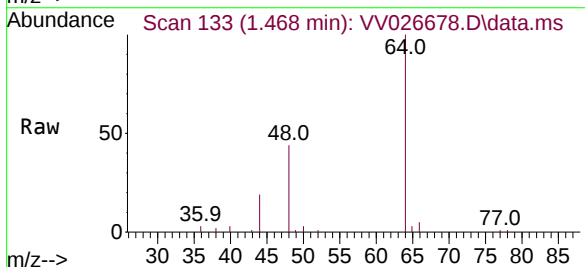
Instrument :
MSVOA_V
ClientSampleId :
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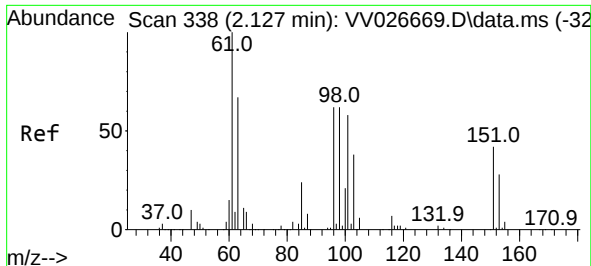
Tgt Ion: 94 Resp: 618
Ion Ratio Lower Upper
94 100
96 104.6 68.0 126.2



#8
Chloroethane
Concen: 3.156 ug/L
RT: 1.468 min Scan# 133
Delta R.T. -0.125 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

Tgt Ion: 64 Resp: 35435
Ion Ratio Lower Upper
64 100
66 4.5 20.0 37.2#

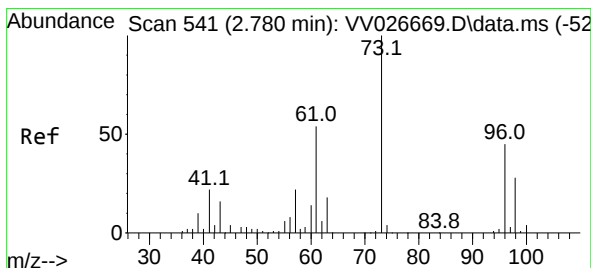
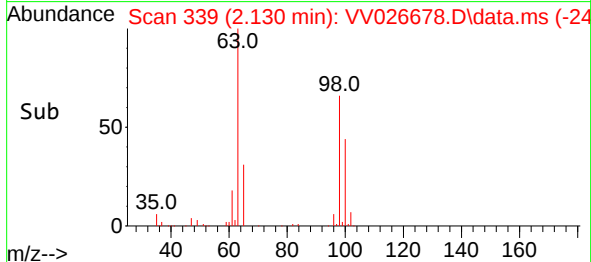
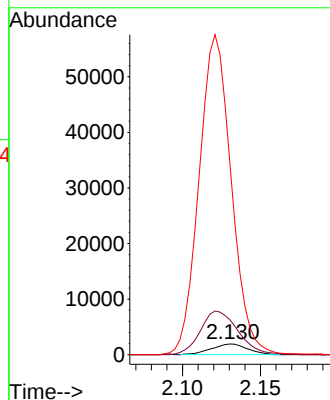
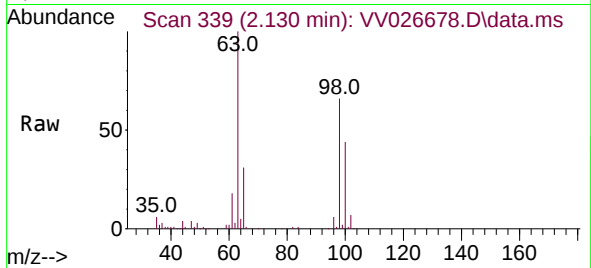




#12
1,1-Dichloroethene
Concen: 0.248 ug/L
RT: 2.130 min Scan# 3116
Delta R.T. 0.003 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

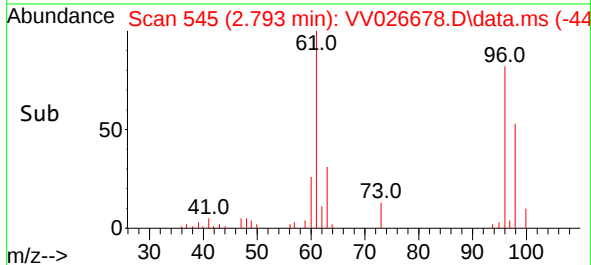
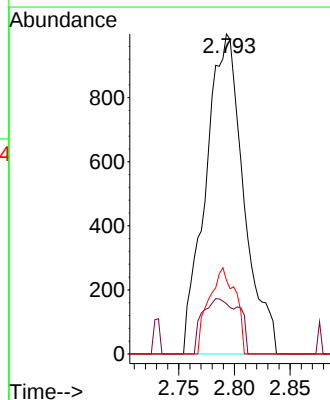
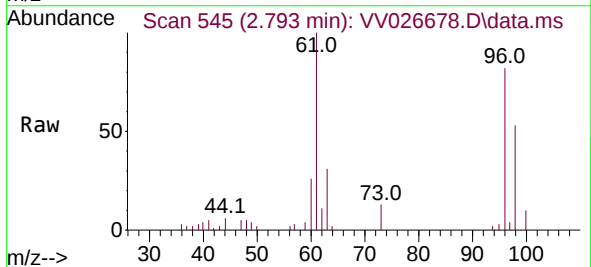
Instrument :
MSVOA_V
ClientSampleId :
DBUA5

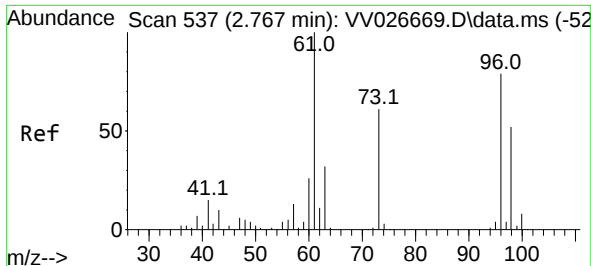
Tgt Ion: 96 Resp: 3116
Ion Ratio Lower Upper
96 100
61 319.4 115.4 214.4#
63 1747.3 87.4 162.2#



#17
Methyl tert-butyl Ether
Concen: 0.116 ug/L
RT: 2.793 min Scan# 545
Delta R.T. 0.013 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

Tgt Ion: 73 Resp: 2368
Ion Ratio Lower Upper
73 100
43 16.6 13.3 19.9
57 18.8 17.2 25.8

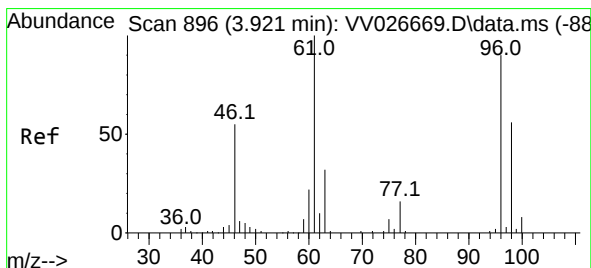
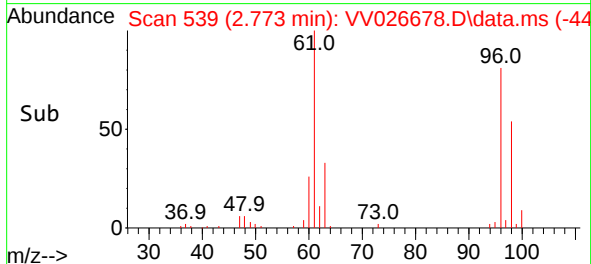
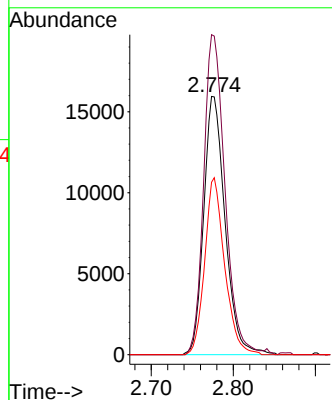
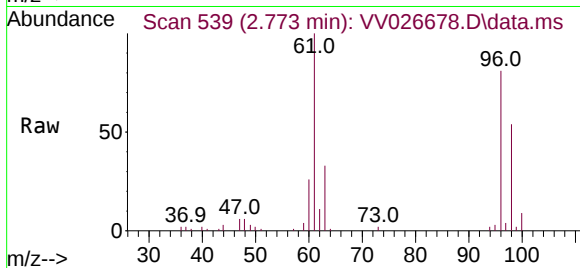




#18
trans-1,2-Dichloroethene
Concen: 2.250 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

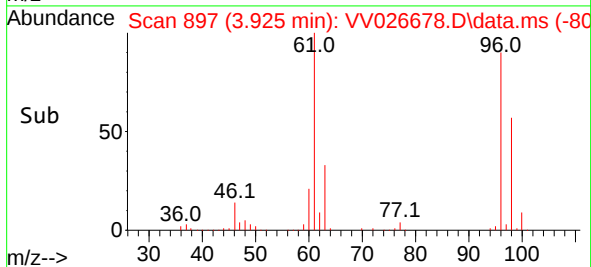
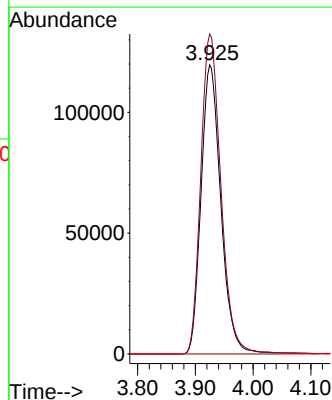
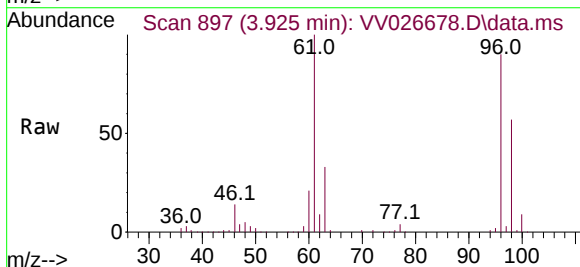
Instrument :
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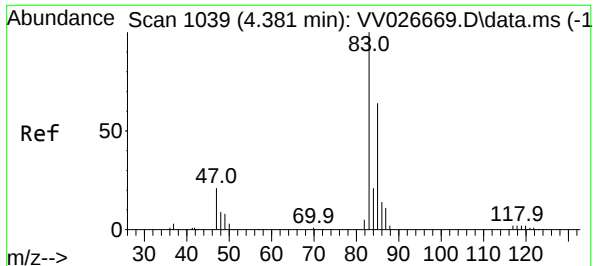
Tgt Ion: 96 Resp: 28862
Ion Ratio Lower Upper
96 100
61 123.9 90.4 167.8
98 66.8 45.6 84.8



#22
cis-1,2-Dichloroethene
Concen: 22.347 ug/L
RT: 3.925 min Scan# 897
Delta R.T. 0.003 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

Tgt Ion: 96 Resp: 284692
Ion Ratio Lower Upper
96 100
61 110.7 82.0 152.2
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.088 ug/L

RT: 4.388 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV026678.D

Acq: 07 Jul 2022 15:43

Instrument :

MSVOA_V

ClientSampleId :

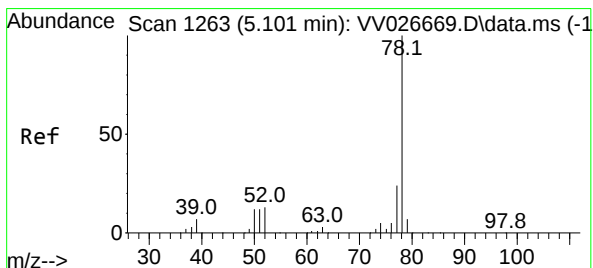
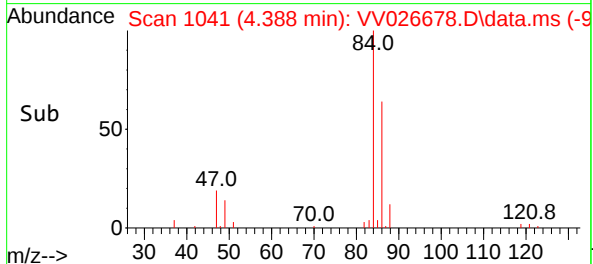
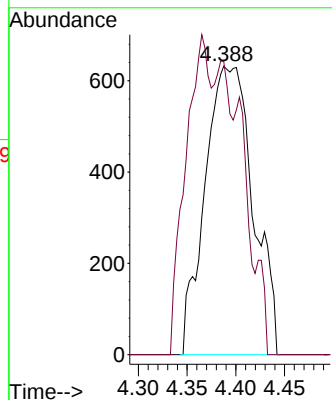
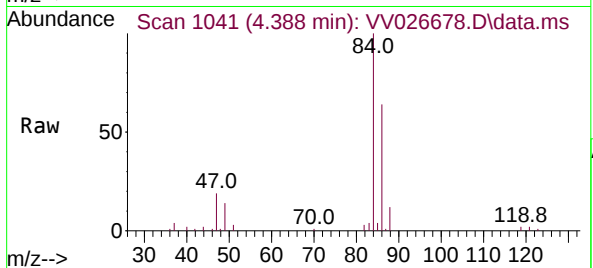
DBUA5

Tgt Ion: 83 Resp: 2174

Ion Ratio Lower Upper

83 100

85 101.7 44.0 81.8#



#33

Benzene

Concen: 0.058 ug/L

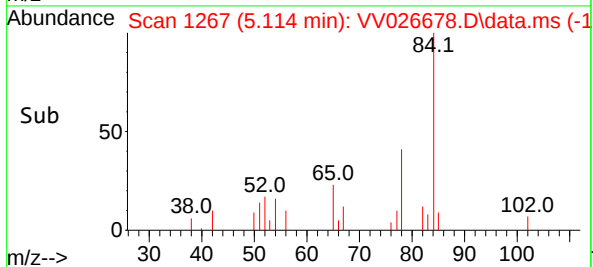
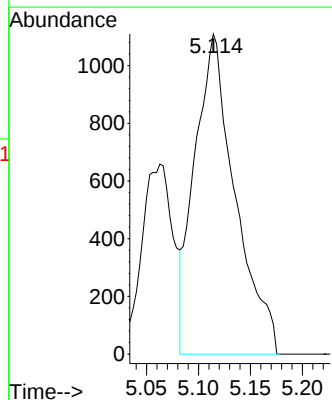
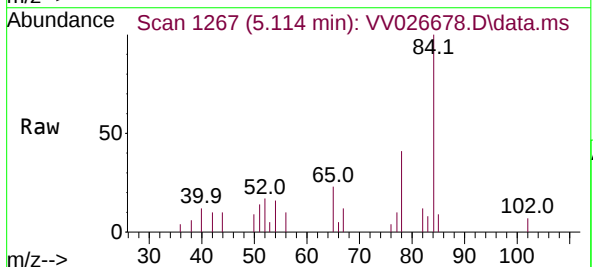
RT: 5.114 min Scan# 1267

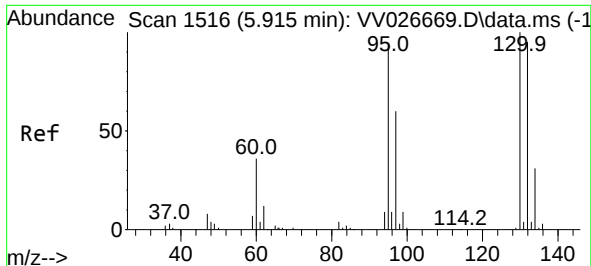
Delta R.T. 0.013 min

Lab File: VV026678.D

Acq: 07 Jul 2022 15:43

Tgt Ion: 78 Resp: 2995



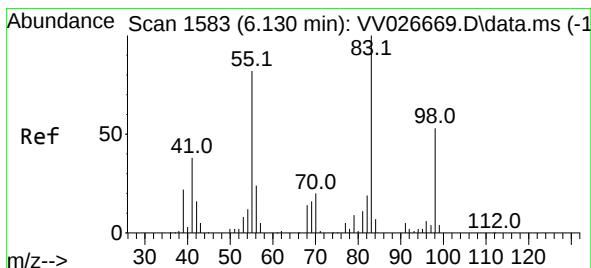
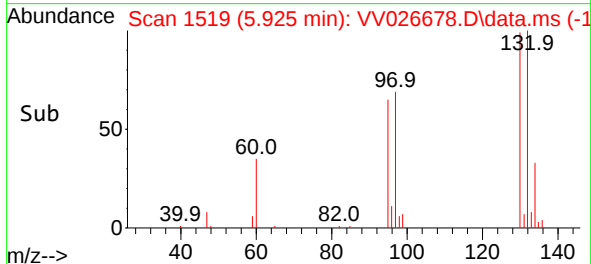
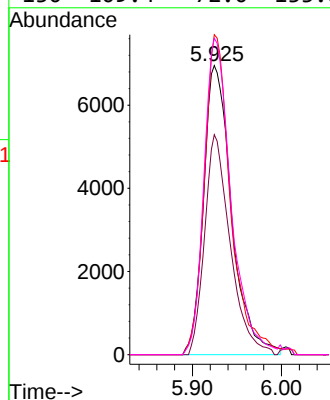
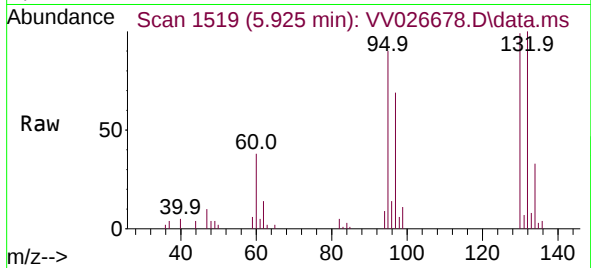


#34
Trichloroethene
Concen: 1.113 ug/L
RT: 5.925 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

Instrument :
MSVOA_V
ClientSampleId :
DBUA5

Tgt Ion: 95 Resp: 15213

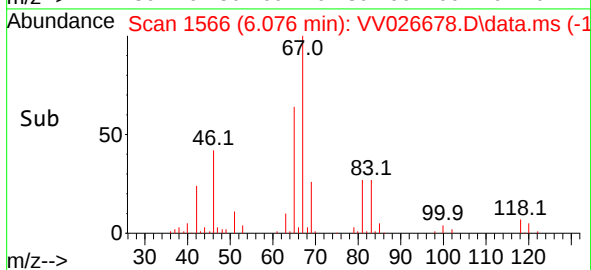
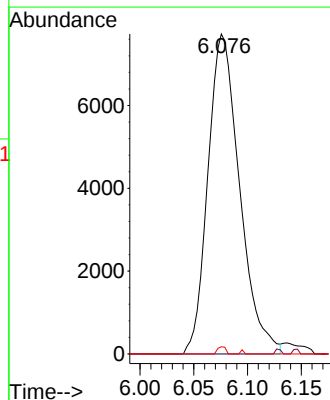
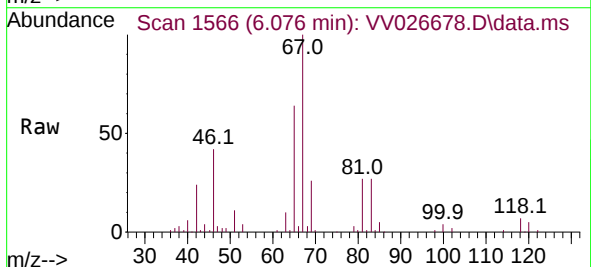
Ion	Ratio	Lower	Upper
95	100		
97	76.1	46.8	87.0
132	110.7	69.9	129.7
130	109.4	72.0	133.8

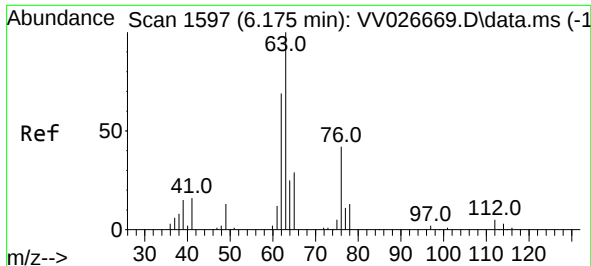


#35
Methylcyclohexane
Concen: 0.784 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

Tgt Ion: 83 Resp: 15849

Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.0	85.4#
98	0.6	39.8	59.8#





#37

1,2-Dichloropropane

Concen: 0.503 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV026678.D

Acq: 07 Jul 2022 15:43

Instrument :

MSVOA_V

ClientSampleId :

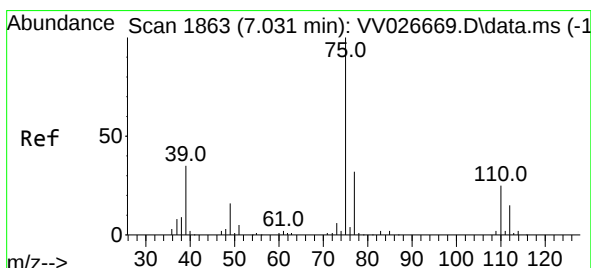
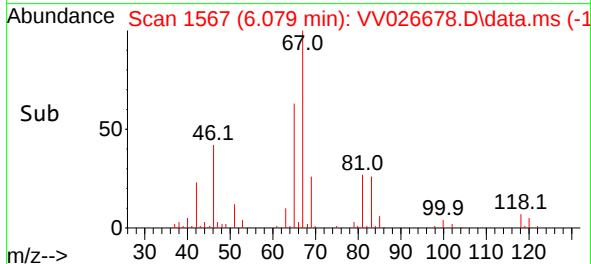
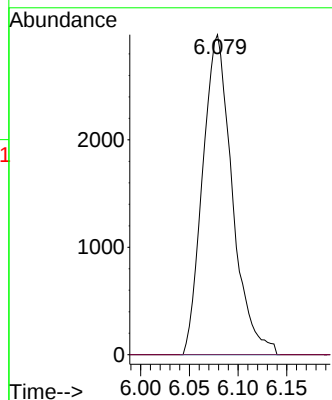
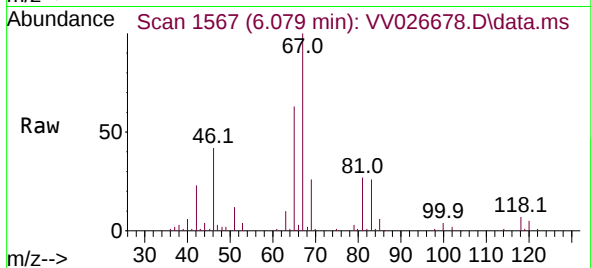
DBUA5

Tgt Ion: 63 Resp: 6299

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026678.D

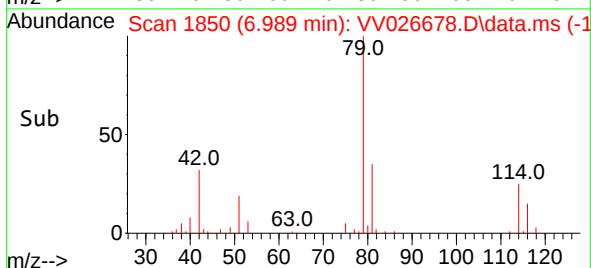
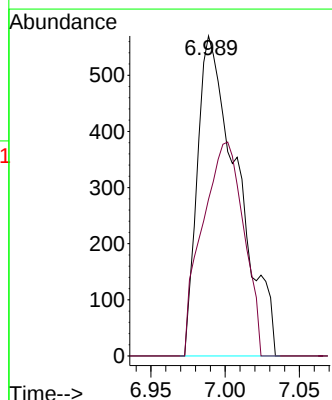
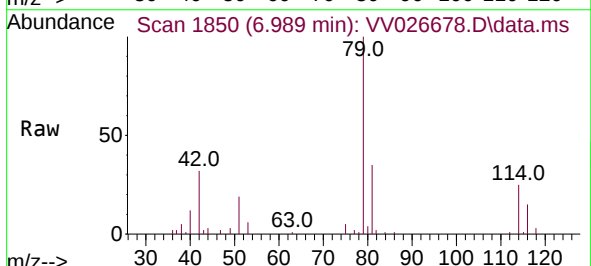
Acq: 07 Jul 2022 15:43

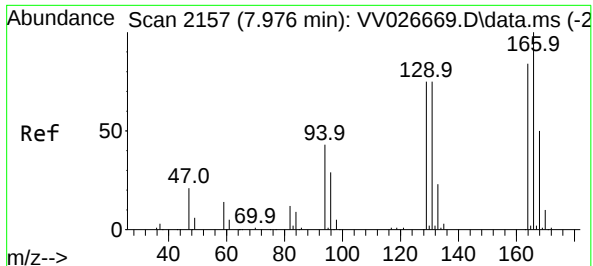
Tgt Ion: 75 Resp: 1067

Ion Ratio Lower Upper

75 100

77 48.9 22.8 42.4#





#47

Tetrachloroethene

Concen: 0.347 ug/L

RT: 7.982 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV026678.D

Acq: 07 Jul 2022 15:43

Instrument :

MSVOA_V

ClientSampleId :

DBUA5

Tgt Ion:164 Resp: 3778

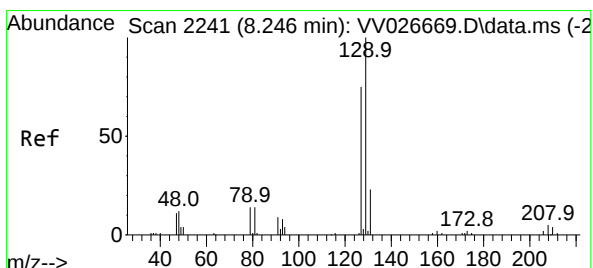
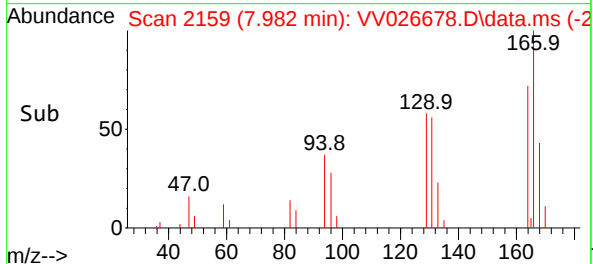
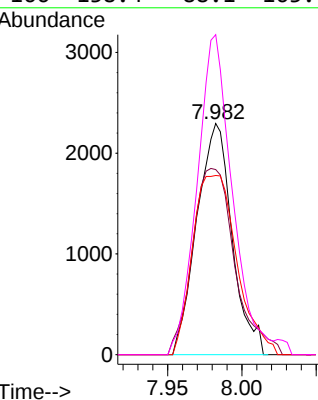
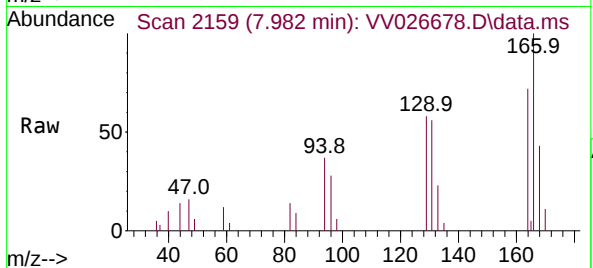
Ion Ratio Lower Upper

164 100

129 80.0 66.4 123.2

131 77.5 64.4 119.6

166 138.4 88.1 163.7



#49

Dibromochloromethane

Concen: 0.454 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026678.D

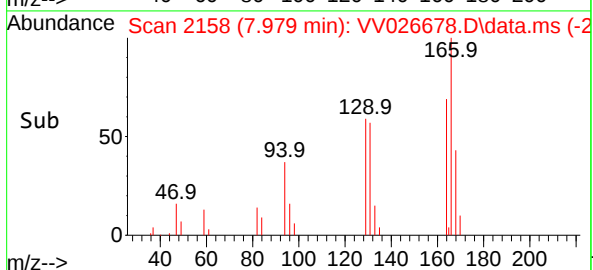
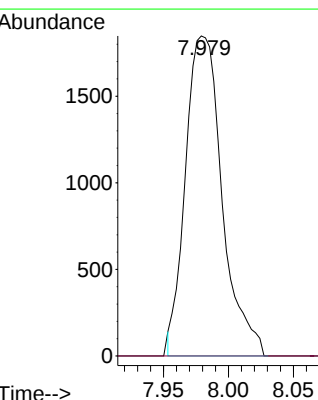
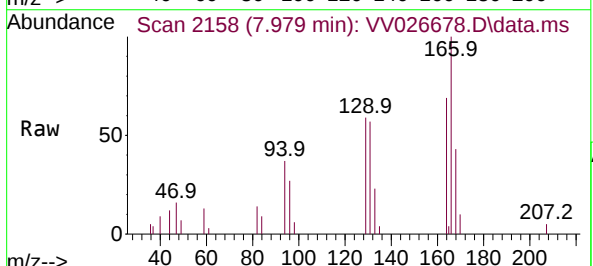
Acq: 07 Jul 2022 15:43

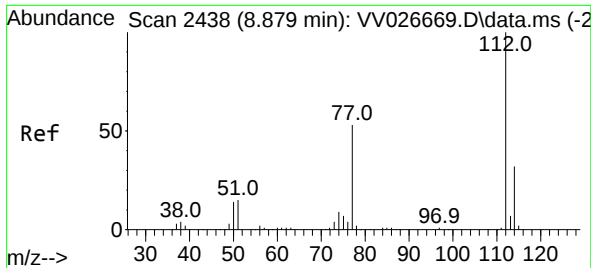
Tgt Ion:129 Resp: 3630

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#

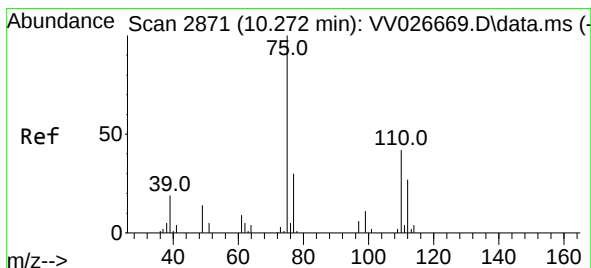
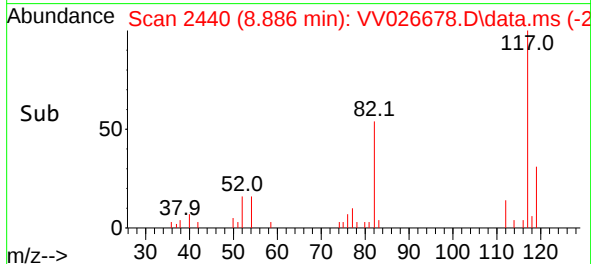
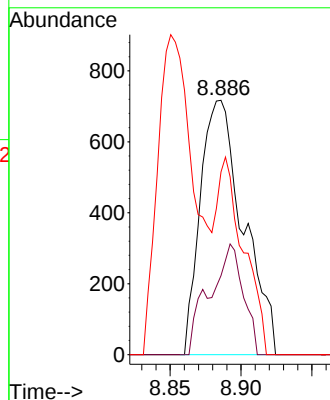
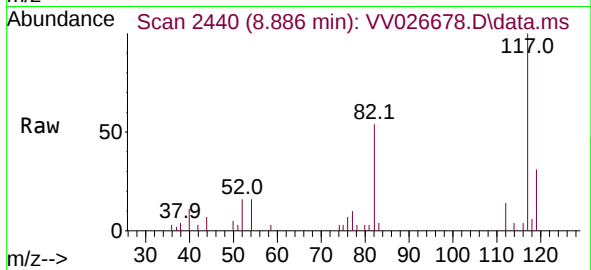




#51
Chlorobenzene
Concen: 0.043 ug/L
RT: 8.886 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

Instrument :
MSVOA_V
ClientSampleId :
DBUA5

Tgt Ion:112 Resp: 1509
Ion Ratio Lower Upper
112 100
114 31.1 22.3 41.5
77 71.8 44.4 66.6#



#61
1,2,3-Trichloropropane
Concen: 1.916 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026678.D
Acq: 07 Jul 2022 15:43

Tgt Ion: 75 Resp: 9305
Ion Ratio Lower Upper
75 100
77 28.0 25.8 38.6
110 2.2 32.5 48.7#

