

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027764.D
 Acq On : 07 Sep 2022 00:33
 Operator : SY/MD
 Sample : N4402-16DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVE8DL

Quant Time: Sep 07 06:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

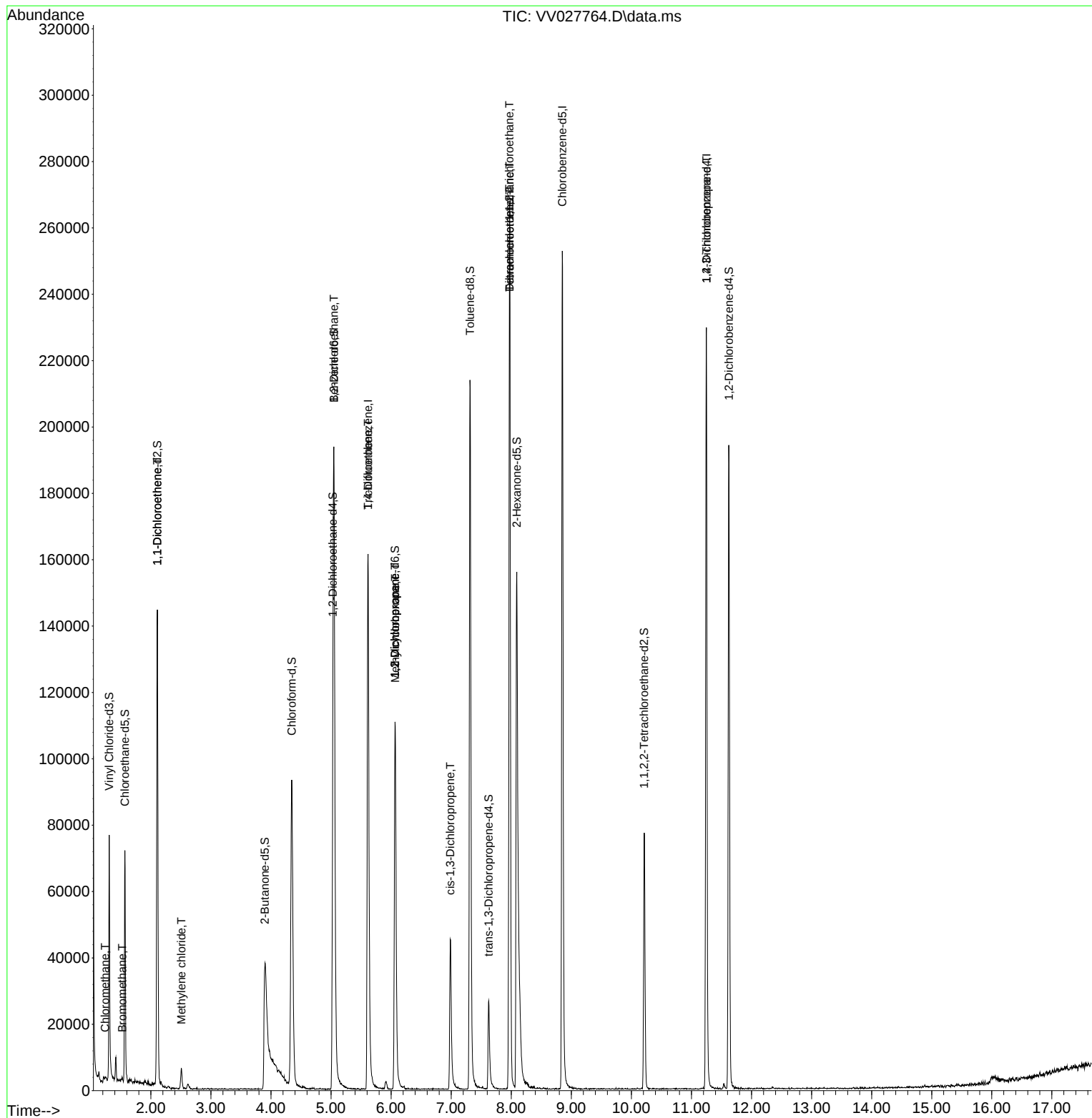
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	141834	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	142789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49774	5.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%
7) Chloroethane-d5	1.568	69	44105	5.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.200%
11) 1,1-Dichloroethene-d2	2.108	63	77278	3.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	3.896	46	52821	25.493	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	50.980%
24) Chloroform-d	4.346	84	98284	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.031	65	47417	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.047	84	179793	4.340	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.066	67	51458	4.243	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.313	98	149588	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.625	79	16682	4.100	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.091	63	65897	43.570	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.140%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35537	4.563	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51925	4.904	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	662	0.052	ug/L #	72
6) Bromomethane	1.523	94	446	0.065	ug/L	82
12) 1,1-Dichloroethene	2.108	96	776	0.083	ug/L #	1
16) Methylene chloride	2.510	84	2453	0.203	ug/L	95
27) 1,2-Dichloroethane	5.047	62	1218	0.097	ug/L #	75
34) Trichloroethene	5.616	95	4243	0.359	ug/L #	5
35) Methylcyclohexane	6.069	83	14004	0.773	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	6572	0.587	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1250	0.088	ug/L #	50
45) 1,1,2-Trichloroethane	7.969	97	553	0.076	ug/L #	17
47) Tetrachloroethene	7.973	164	59706	6.303	ug/L	96
49) Dibromochloromethane	7.973	129	44160	4.797	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6761	1.325	ug/L #	63

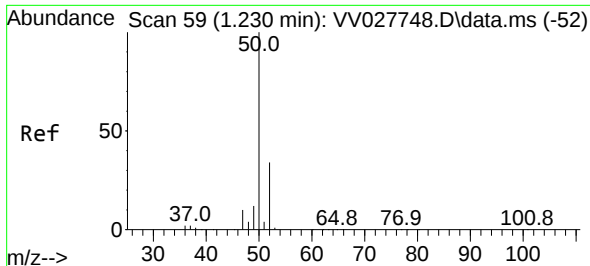
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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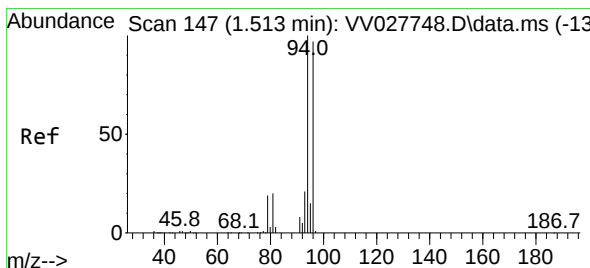
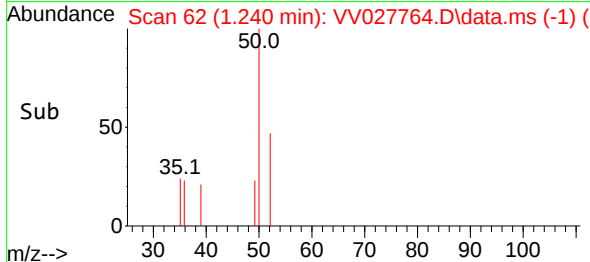
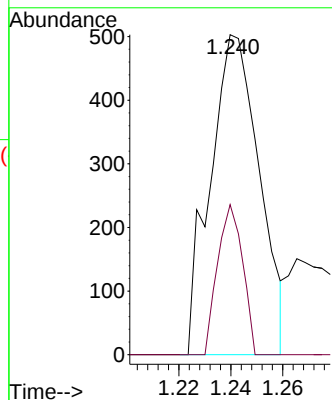
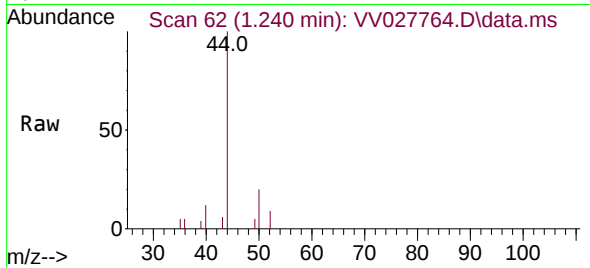




#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027764.D
Acq: 07 Sep 2022 00:33

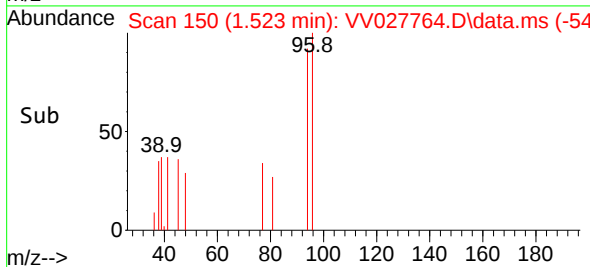
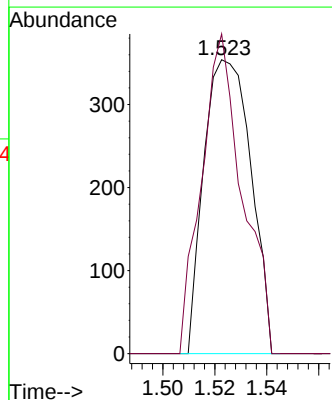
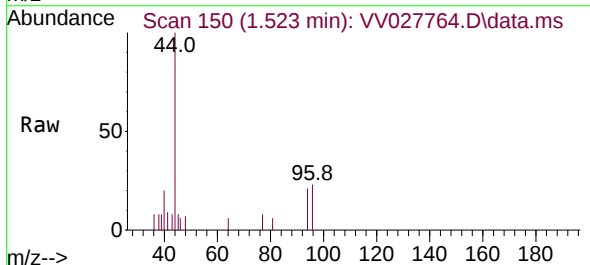
Instrument :
MSVOA_V
ClientSampleId :
DBVE8DL

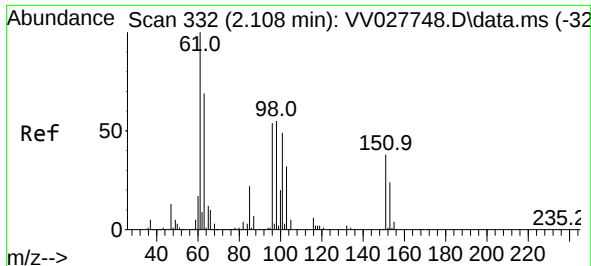
Tgt Ion: 50 Resp: 662
Ion Ratio Lower Upper
50 100
52 46.9 22.1 41.1#



#6
Bromomethane
Concen: 0.065 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.010 min
Lab File: VV027764.D
Acq: 07 Sep 2022 00:33

Tgt Ion: 94 Resp: 446
Ion Ratio Lower Upper
94 100
96 108.8 64.2 119.2





#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV027764.D

Acq: 07 Sep 2022 00:33

Instrument :

MSVOA_V

ClientSampleId :

DBVE8DL

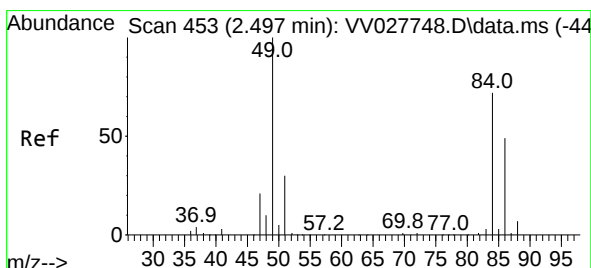
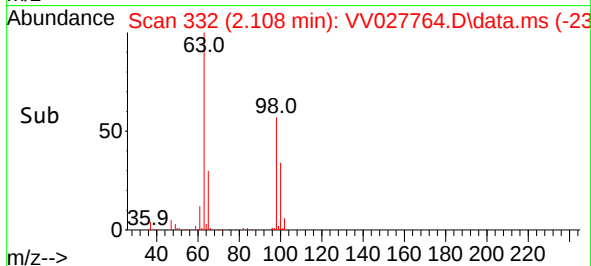
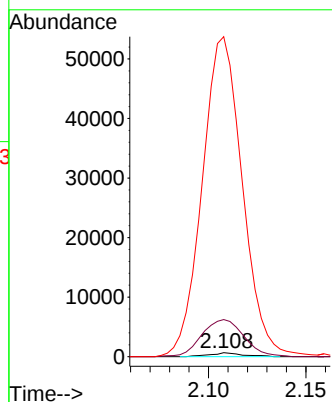
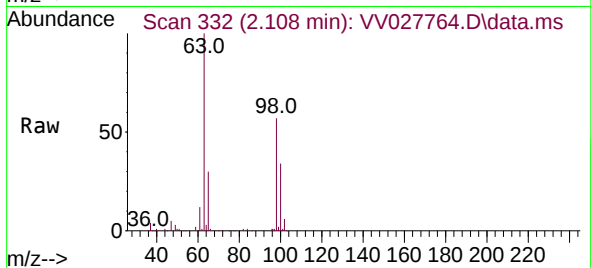
Tgt Ion: 96 Resp: 776

Ion Ratio Lower Upper

96 100

61 909.9 129.9 241.3#

63 7857.3 94.6 175.8#



#16

Methylene chloride

Concen: 0.203 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.013 min

Lab File: VV027764.D

Acq: 07 Sep 2022 00:33

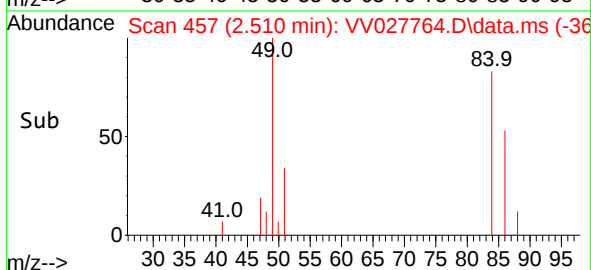
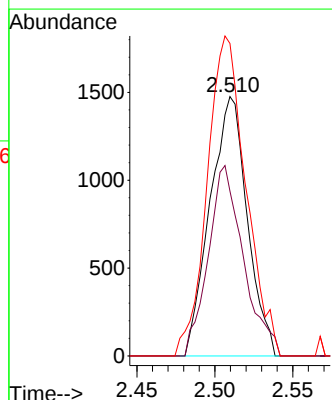
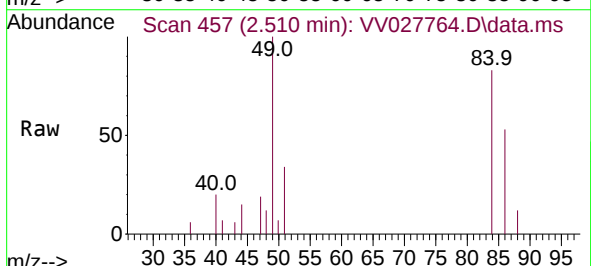
Tgt Ion: 84 Resp: 2453

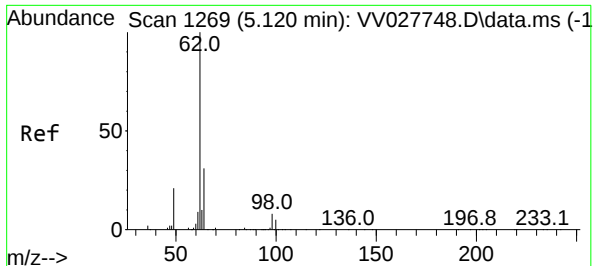
Ion Ratio Lower Upper

84 100

86 63.6 44.9 83.3

49 120.5 90.1 167.3





#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV027764.D

Acq: 07 Sep 2022 00:33

Instrument :

MSVOA_V

ClientSampleId :

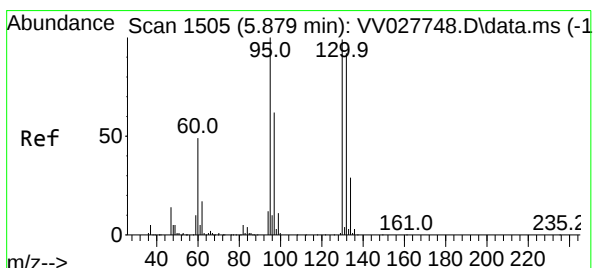
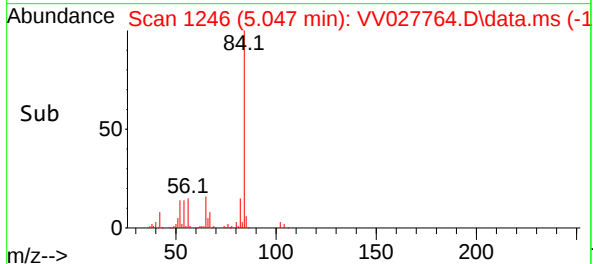
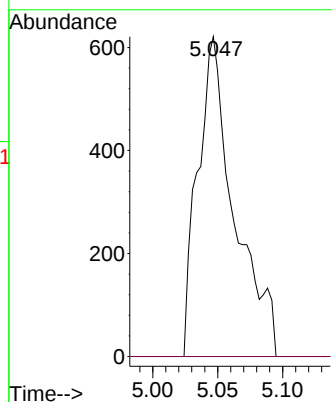
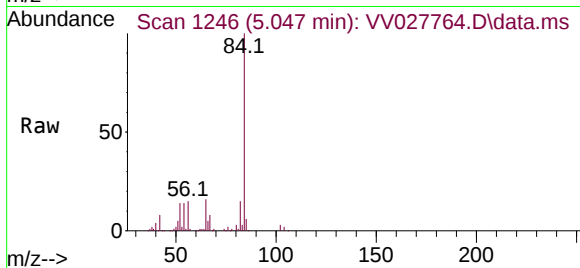
DBVE8DL

Tgt Ion: 62 Resp: 1218

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



#34

Trichloroethene

Concen: 0.359 ug/L

RT: 5.616 min Scan# 1423

Delta R.T. -0.264 min

Lab File: VV027764.D

Acq: 07 Sep 2022 00:33

Tgt Ion: 95 Resp: 4243

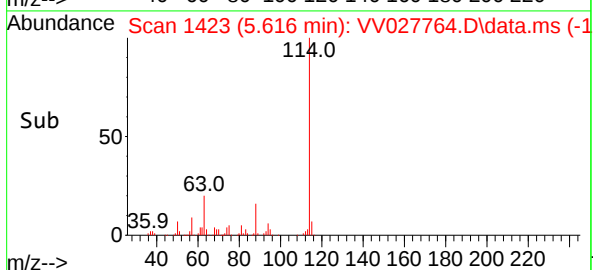
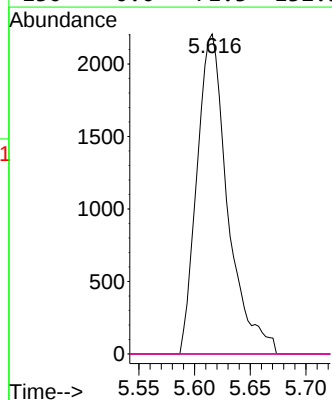
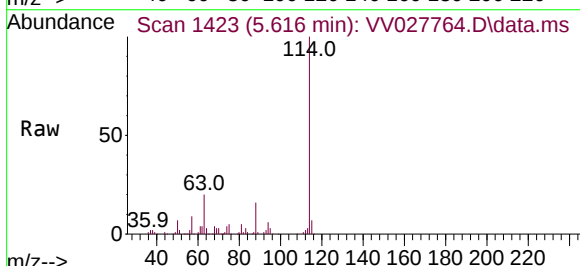
Ion Ratio Lower Upper

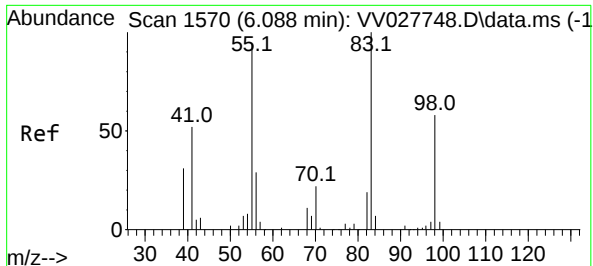
95 100

97 0.0 42.9 79.7#

132 0.0 67.9 126.1#

130 0.0 71.3 132.3#





#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.019 min

Lab File: VV027764.D

Acq: 07 Sep 2022 00:33

Instrument :

MSVOA_V

ClientSampleId :

DBVE8DL

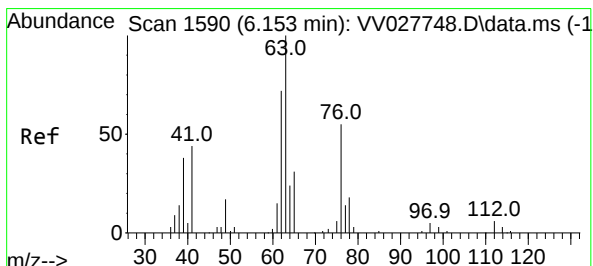
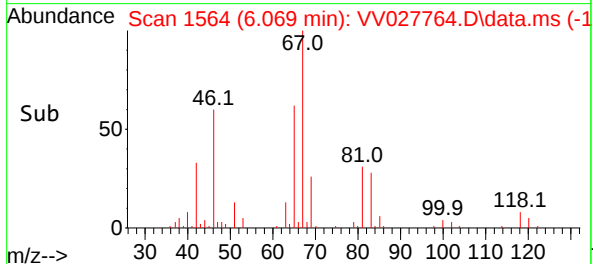
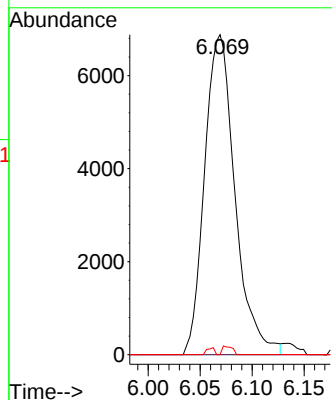
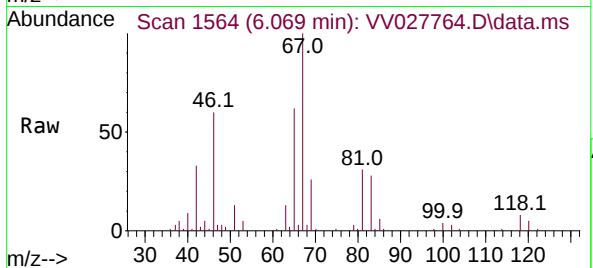
Tgt Ion: 83 Resp: 14004

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.9 37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.087 min

Lab File: VV027764.D

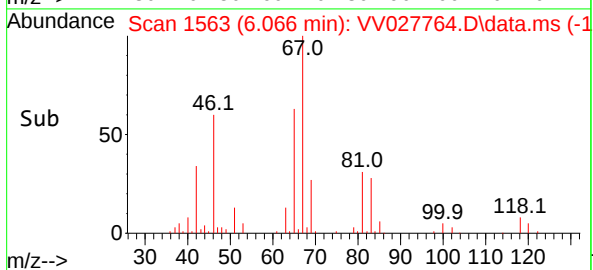
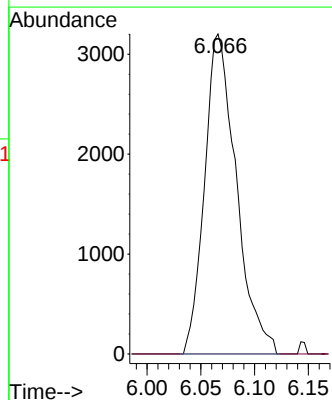
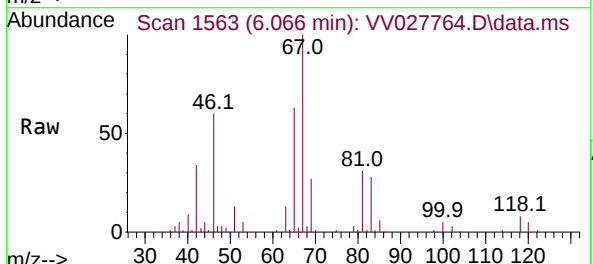
Acq: 07 Sep 2022 00:33

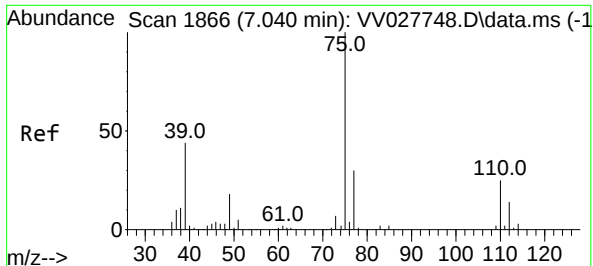
Tgt Ion: 63 Resp: 6572

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV027764.D

Acq: 07 Sep 2022 00:33

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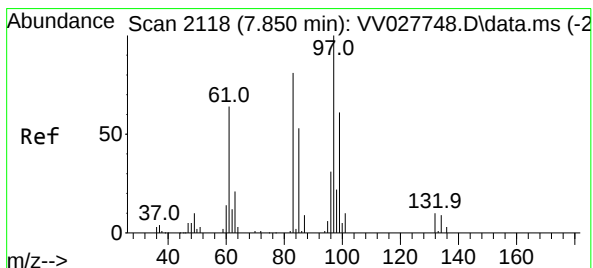
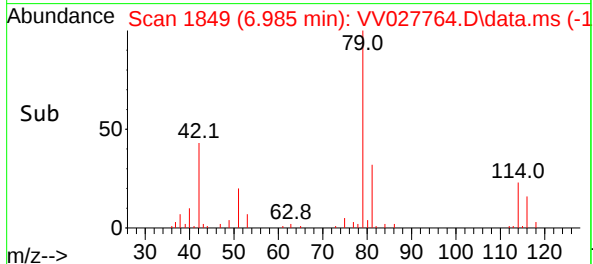
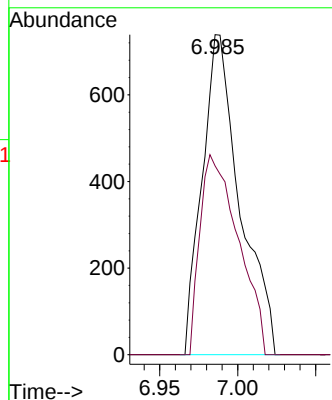
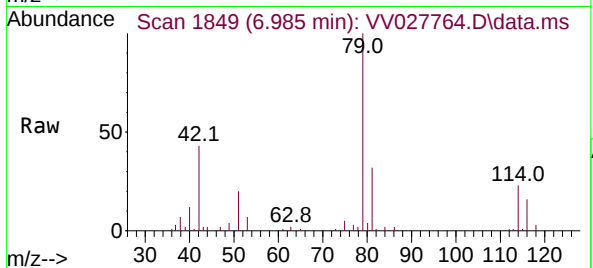
DBVE8DL

Tgt Ion: 75 Resp: 1250

Ion Ratio Lower Upper

75 100

77 59.0 22.0 40.8#



#45

1,1,2-Trichloroethane

Concen: 0.076 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.119 min

Lab File: VV027764.D

Acq: 07 Sep 2022 00:33

Tgt Ion: 97 Resp: 553

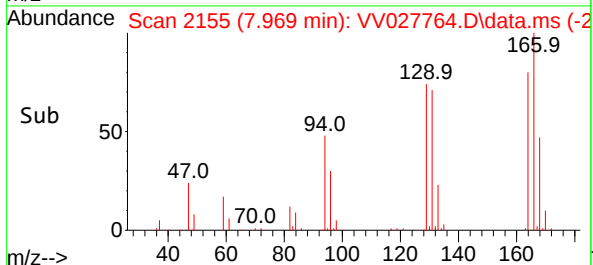
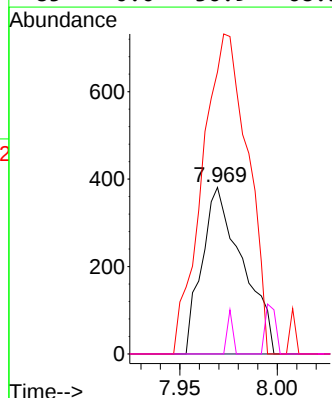
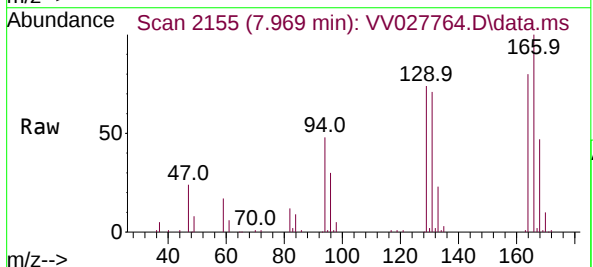
Ion Ratio Lower Upper

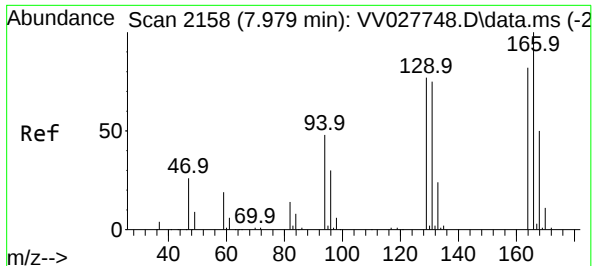
97 100

99 0.0 44.2 82.0#

83 169.3 60.3 112.1#

85 0.0 36.9 68.5#





#47

Tetrachloroethene

Concen: 6.303 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027764.D

Acq: 07 Sep 2022 00:33

Instrument :

MSVOA_V

ClientSampleId :

DBVE8DL

Tgt Ion:164 Resp: 59706

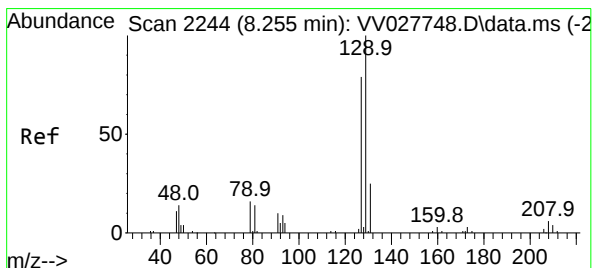
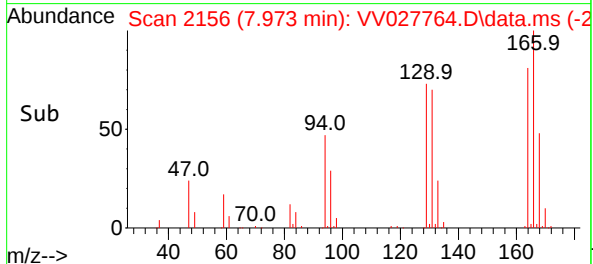
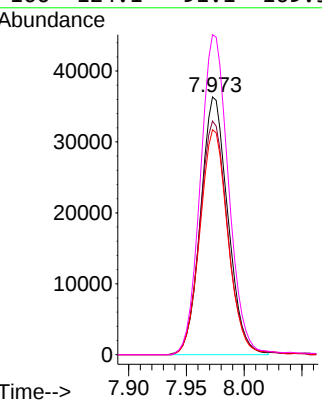
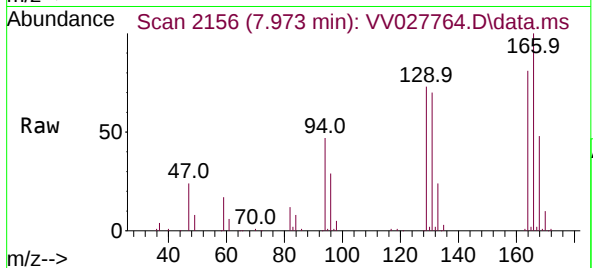
Ion Ratio Lower Upper

164 100

129 90.6 67.2 124.8

131 87.2 61.5 114.3

166 124.1 91.1 169.3



#49

Dibromochloromethane

Concen: 4.797 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.283 min

Lab File: VV027764.D

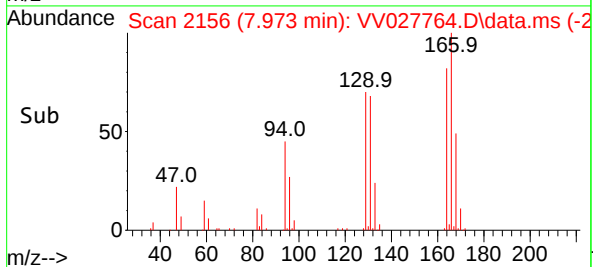
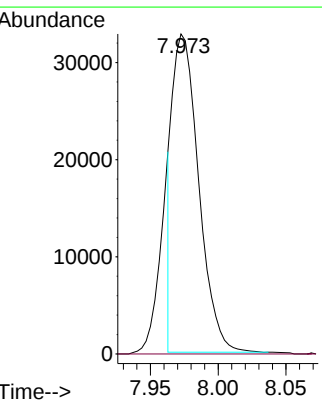
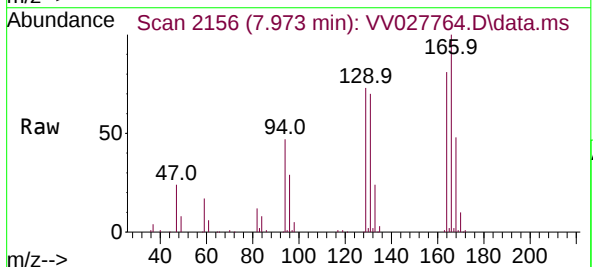
Acq: 07 Sep 2022 00:33

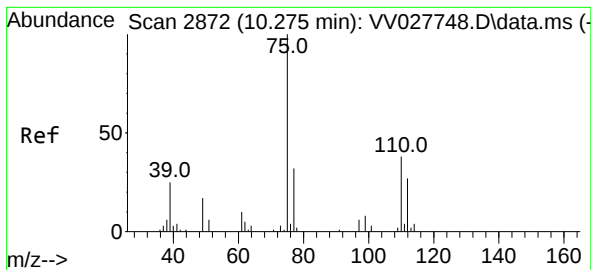
Tgt Ion:129 Resp: 44160

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.325 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027764.D
 Acq: 07 Sep 2022 00:33

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVE8DL

Tgt Ion: 75 Resp: 6761
 Ion Ratio Lower Upper
 75 100
 77 33.0 27.6 41.4
 110 2.5 35.6 53.4#

