

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091422\
 Data File : VV027821.D
 Acq On : 14 Sep 2022 11:54
 Operator : SY/MD
 Sample : N4546-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG6H4

Quant Time: Sep 15 02:49:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:47:38 2022
 Response via : Initial Calibration

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

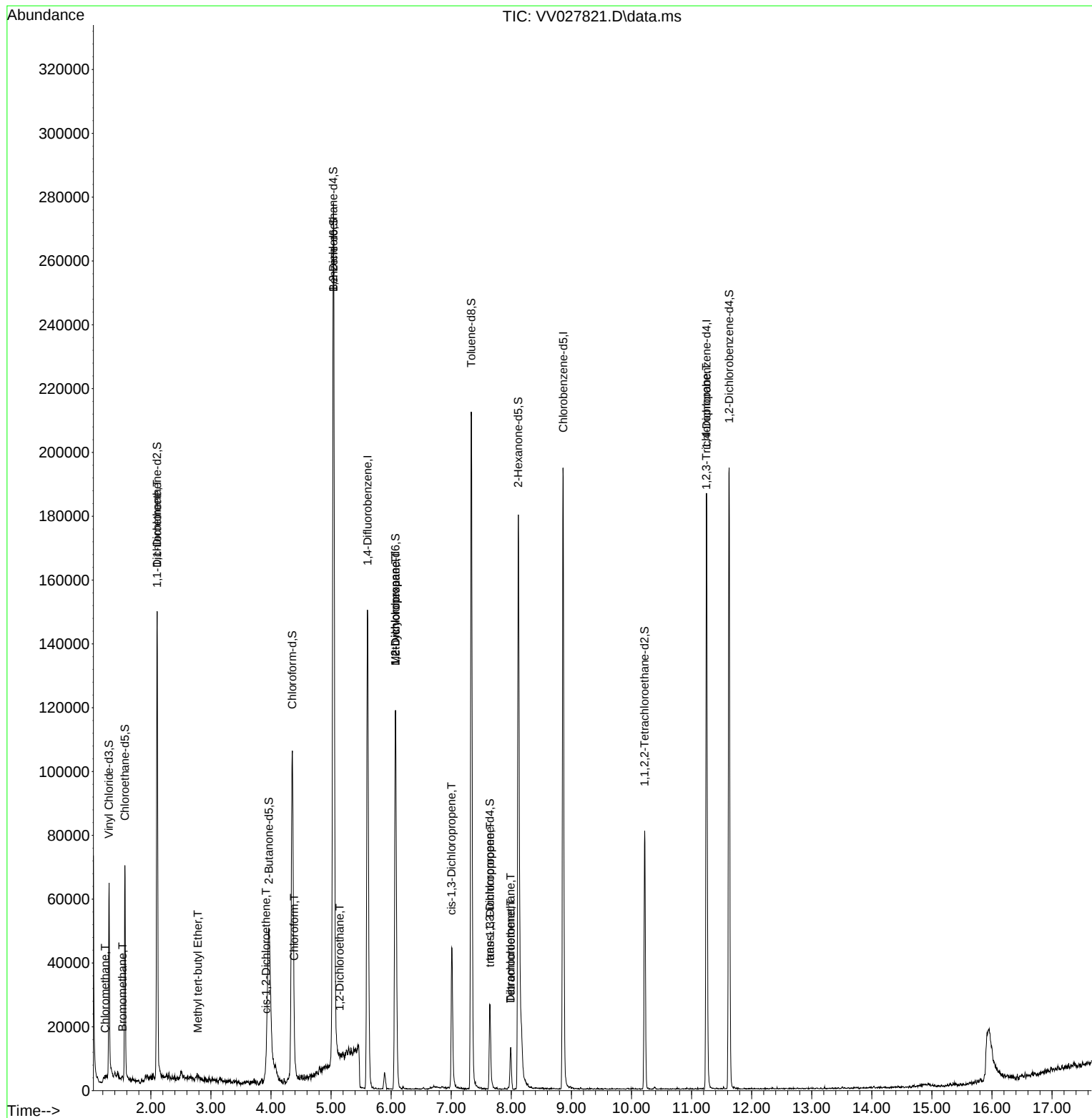
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	129737	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.863	117	111578	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.249	152	51119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43995	5.144	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.568	69	43218	5.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.200%
11) 1,1-Dichloroethene-d2	2.104	63	76064	4.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.963	46	115558	60.973	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.940%
24) Chloroform-d	4.352	84	108111	6.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.400%
26) 1,2-Dichloroethane-d4	5.037	65	61729	6.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.400%#
32) Benzene-d6	5.040	84	215704	6.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	133.200%#
36) 1,2-Dichloropropane-d6	6.072	67	54846	5.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.800%
41) Toluene-d8	7.333	98	148690	5.463	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
43) trans-1,3-Dichloroprop...	7.644	79	15938	5.013	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.114	63	59139	50.040	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.080%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	36607	6.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.200%#
66) 1,2-Dichlorobenzene-d4	11.625	152	53052	6.318	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	484	0.042	ug/L #	73
6) Bromomethane	1.526	94	285	0.045	ug/L	92
12) 1,1-Dichloroethene	2.101	96	731	0.085	ug/L #	1
17) Methyl tert-butyl Ether	2.780	73	1212	0.059	ug/L #	53
22) cis-1,2-Dichloroethene	3.915	96	422	0.043	ug/L #	52
25) Chloroform	4.384	83	2489	0.132	ug/L #	71
27) 1,2-Dichloroethane	5.143	62	597	0.052	ug/L #	66
35) Methylcyclohexane	6.072	83	15235	1.076	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6389	0.731	ug/L #	85
39) cis-1,3-Dichloropropene	7.005	75	1125	0.102	ug/L #	4
44) trans-1,3-Dichloropropene	7.648	75	705	0.076	ug/L #	45
47) Tetrachloroethene	7.989	164	2977	0.402	ug/L	96
49) Dibromochloromethane	7.989	129	2964	0.412	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	5000	1.235	ug/L #	60

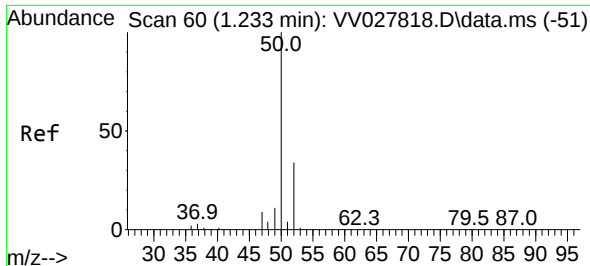
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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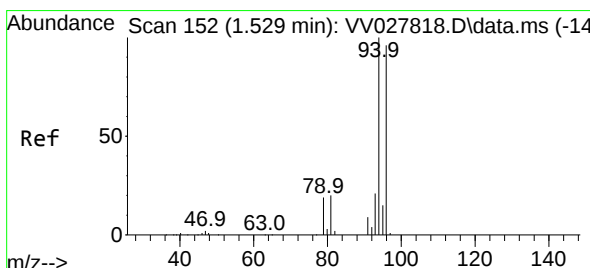
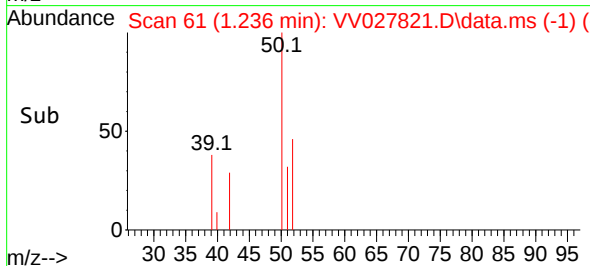
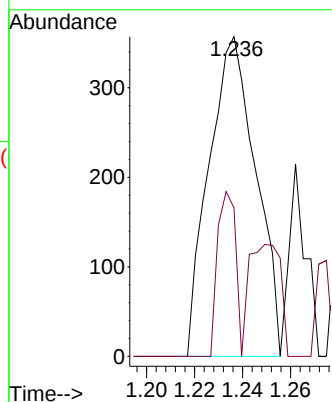
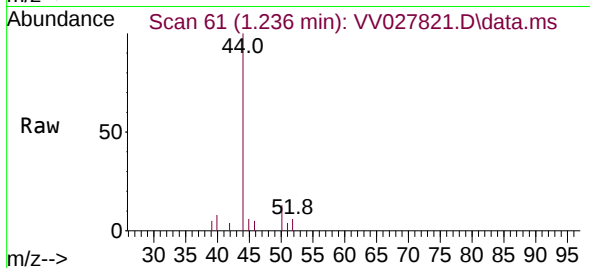




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027821.D
Acq: 14 Sep 2022 11:54

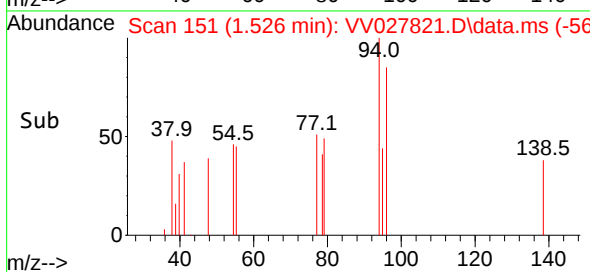
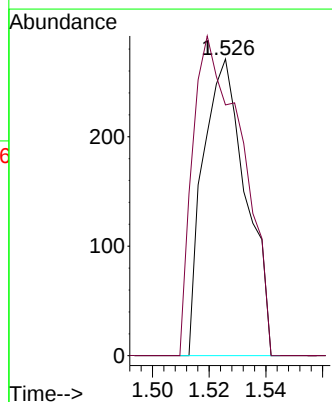
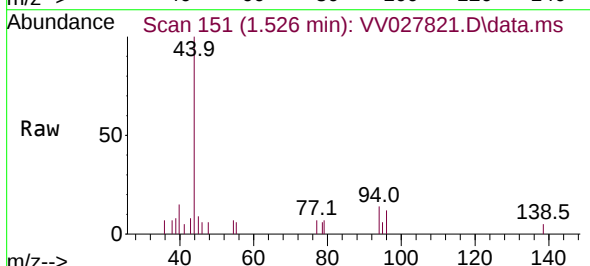
Instrument :
MSVOA_V
ClientSampleId :
BG6H4

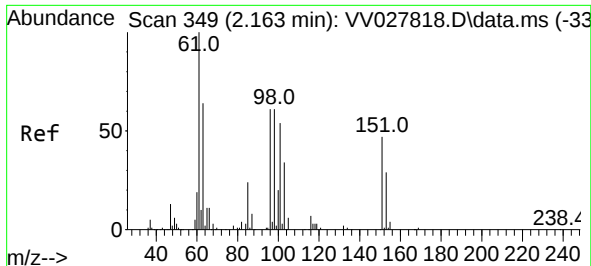
Tgt Ion: 50 Resp: 484
Ion Ratio Lower Upper
50 100
52 46.5 22.1 41.1#



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.006 min
Lab File: VV027821.D
Acq: 14 Sep 2022 11:54

Tgt Ion: 94 Resp: 285
Ion Ratio Lower Upper
94 100
96 84.5 64.2 119.2





#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.101 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV027821.D

Acq: 14 Sep 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

BG6H4

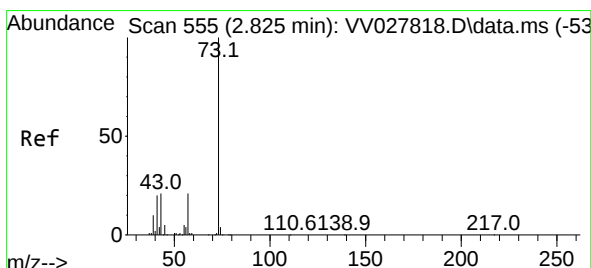
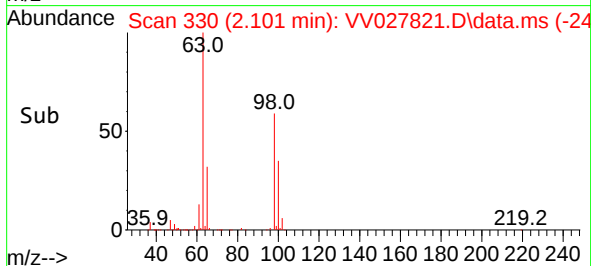
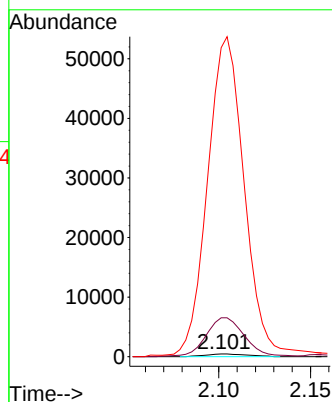
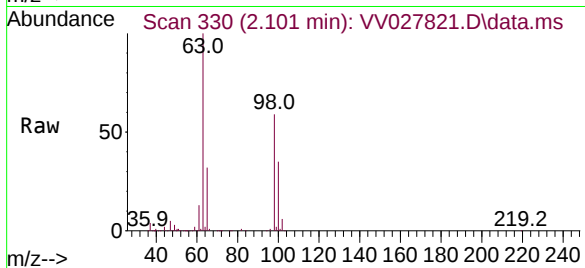
Tgt Ion: 96 Resp: 731

Ion Ratio Lower Upper

96 100

61 1382.6 129.9 241.3#

63 10988.1 94.6 175.8#



#17

Methyl tert-butyl Ether

Concen: 0.059 ug/L

RT: 2.780 min Scan# 541

Delta R.T. 0.013 min

Lab File: VV027821.D

Acq: 14 Sep 2022 11:54

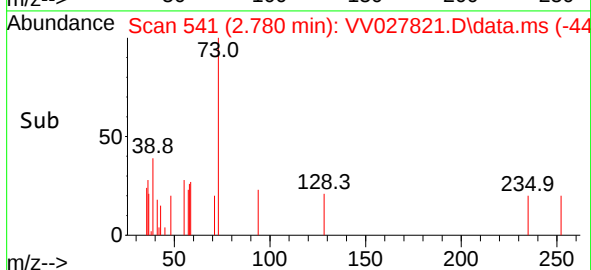
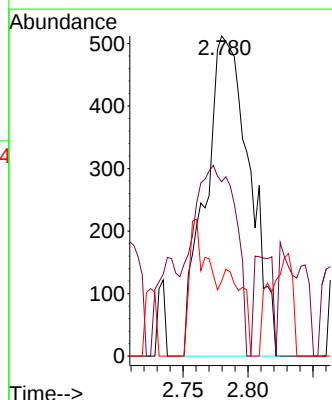
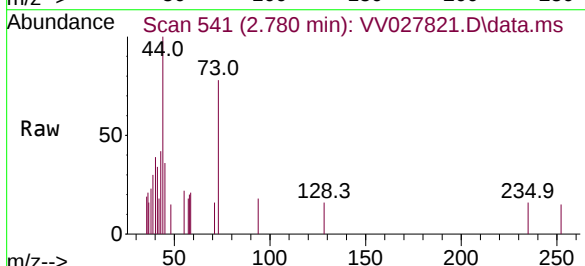
Tgt Ion: 73 Resp: 1212

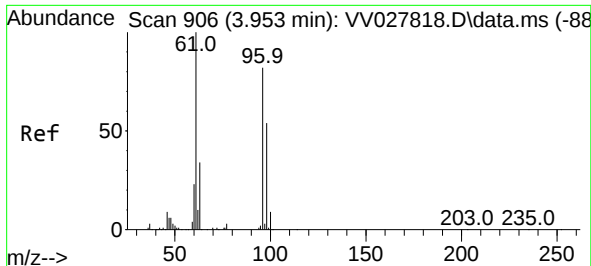
Ion Ratio Lower Upper

73 100

43 57.8 17.5 26.3#

57 13.2 16.9 25.3#

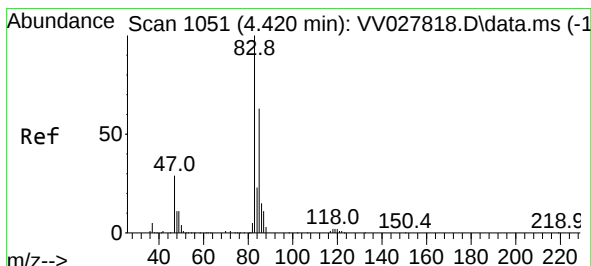
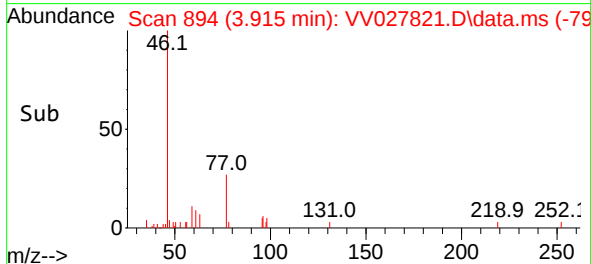
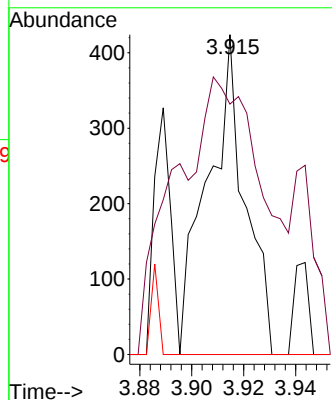
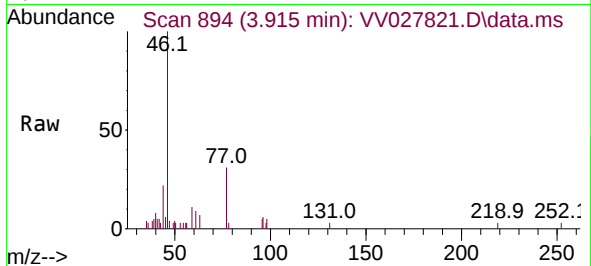




#22
 cis-1,2-Dichloroethene
 Concen: 0.043 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.009 min
 Lab File: VV027821.D
 Acq: 14 Sep 2022 11:54

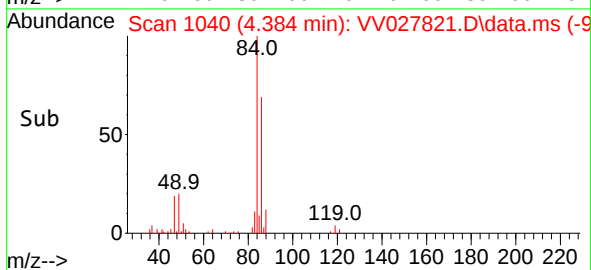
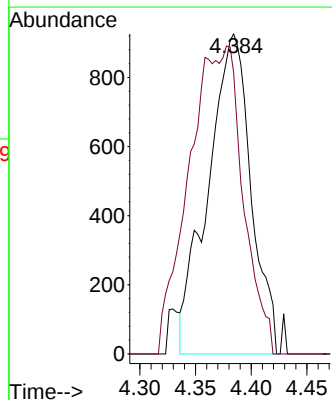
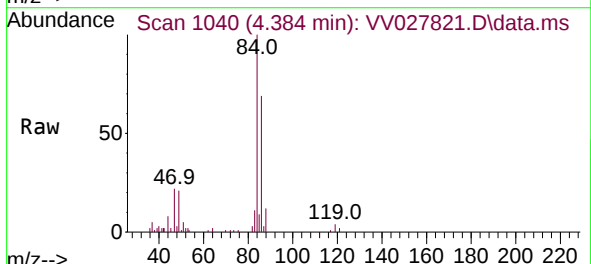
Instrument :
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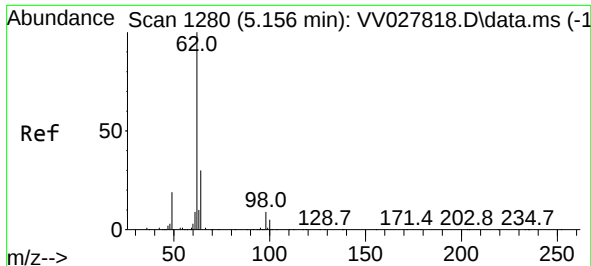
Tgt Ion: 96 Resp: 422
 Ion Ratio Lower Upper
 96 100
 61 78.3 94.6 175.6#
 68 0.0 0.3 0.5#



#25
 Chloroform
 Concen: 0.132 ug/L
 RT: 4.384 min Scan# 1040
 Delta R.T. 0.016 min
 Lab File: VV027821.D
 Acq: 14 Sep 2022 11:54

Tgt Ion: 83 Resp: 2489
 Ion Ratio Lower Upper
 83 100
 85 87.9 45.4 84.2#





#27

1,2-Dichloroethane

Concen: 0.052 ug/L

RT: 5.143 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV027821.D

Acq: 14 Sep 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

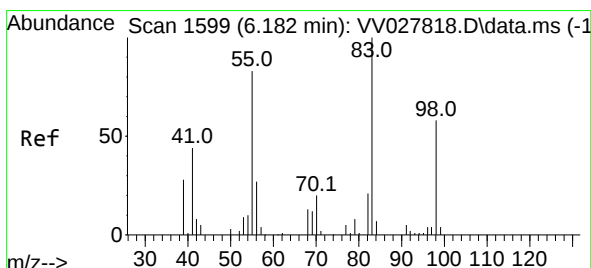
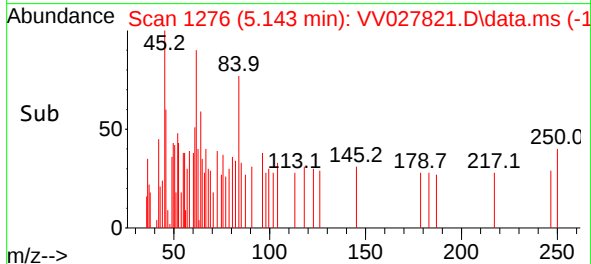
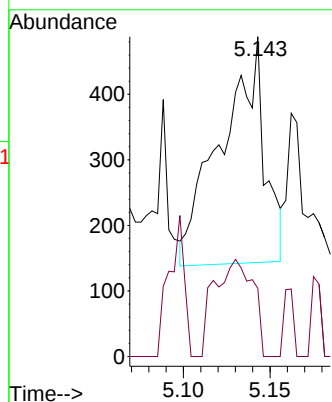
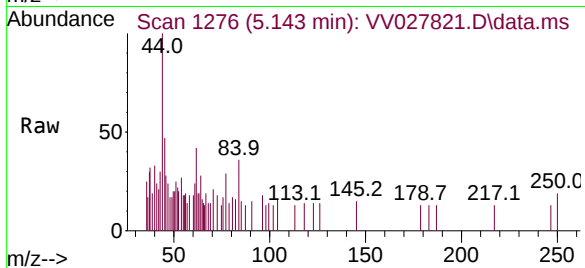
BG6H4

Tgt Ion: 62 Resp: 597

Ion Ratio Lower Upper

62 100

98 21.3 7.1 10.7#



#35

Methylcyclohexane

Concen: 1.076 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.052 min

Lab File: VV027821.D

Acq: 14 Sep 2022 11:54

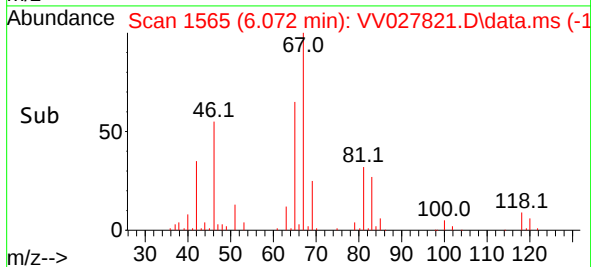
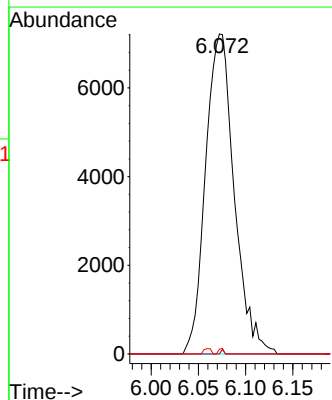
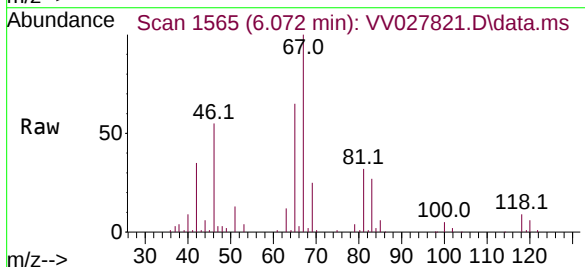
Tgt Ion: 83 Resp: 15235

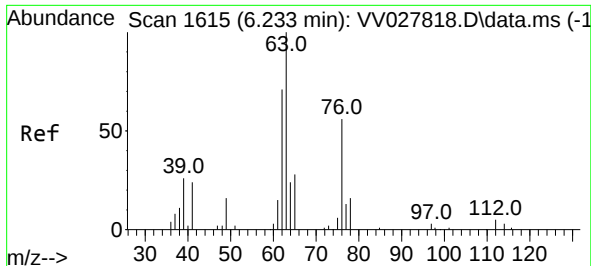
Ion Ratio Lower Upper

83 100

55 0.1 61.9 92.9#

98 0.3 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.731 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV027821.D

Acq: 14 Sep 2022 11:54

Instrument :

MSVOA_V

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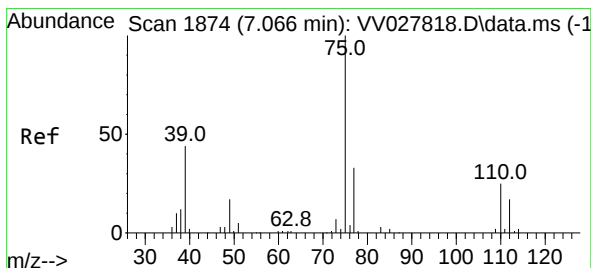
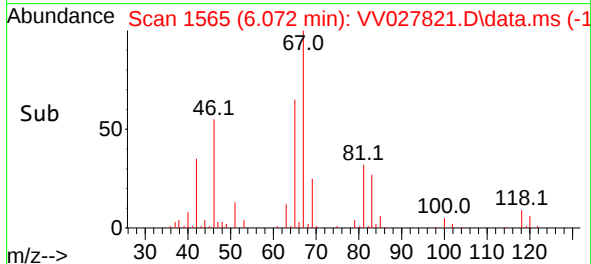
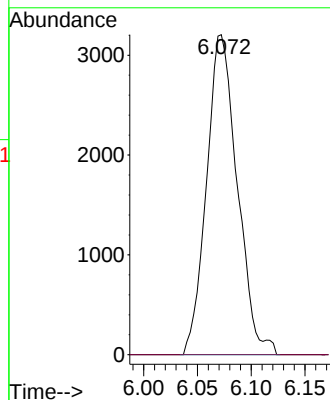
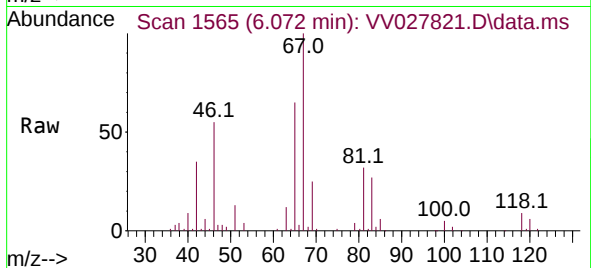
BG6H4

Tgt Ion: 63 Resp: 6389

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.005 min Scan# 1855

Delta R.T. -0.019 min

Lab File: VV027821.D

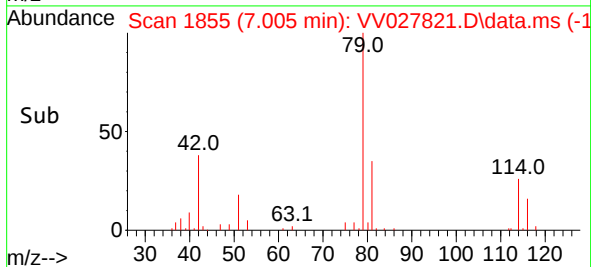
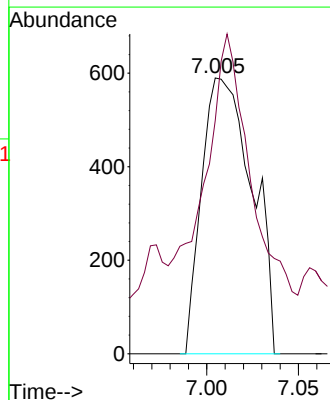
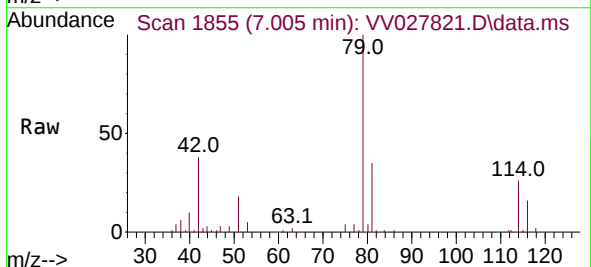
Acq: 14 Sep 2022 11:54

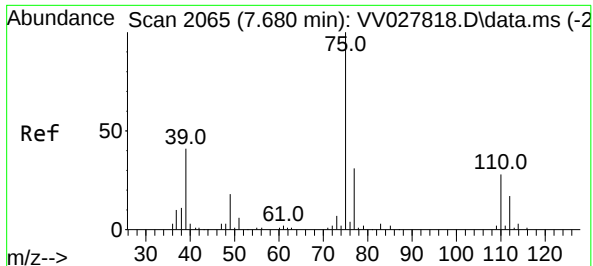
Tgt Ion: 75 Resp: 1125

Ion Ratio Lower Upper

75 100

77 84.6 22.0 40.8#

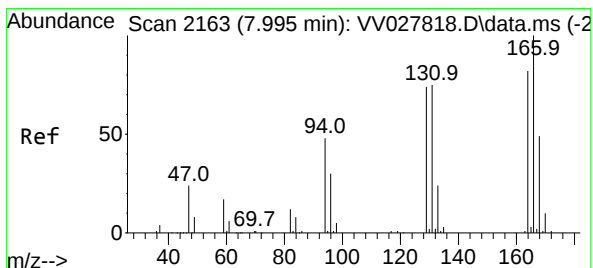
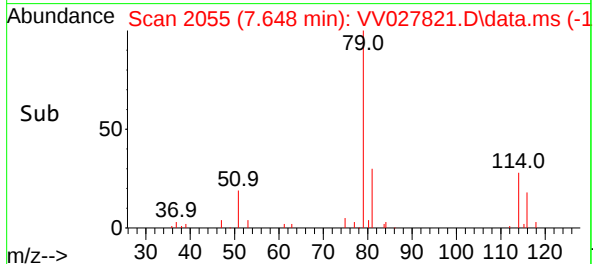
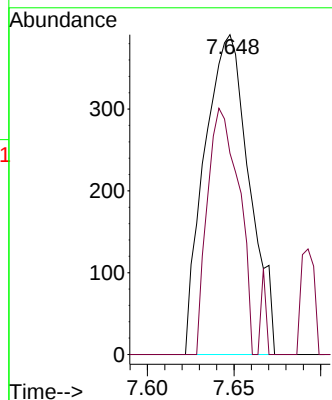
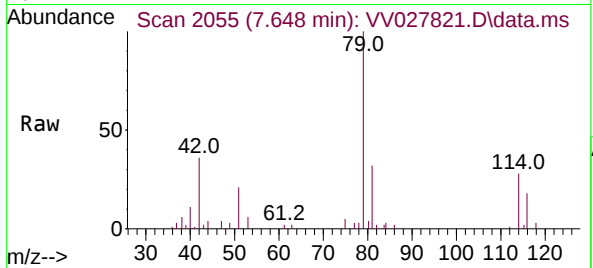




#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.648 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VV027821.D
Acq: 14 Sep 2022 11:54

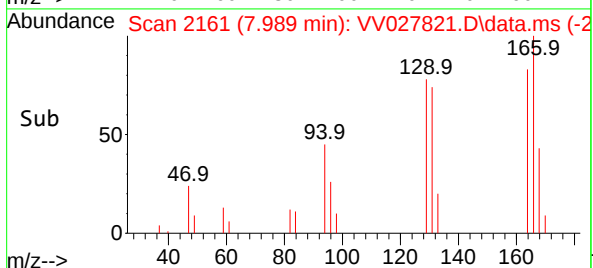
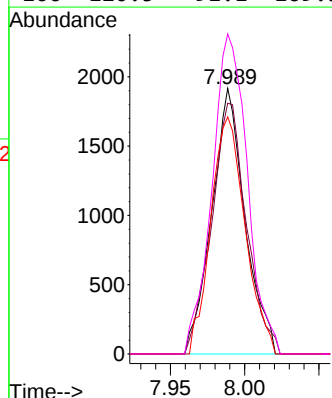
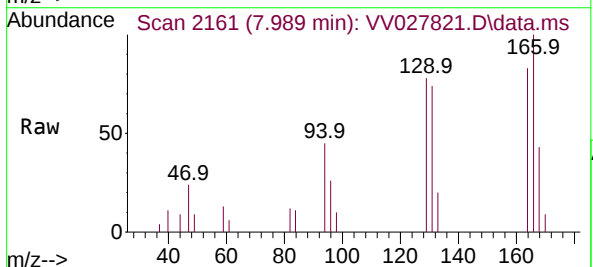
Instrument :
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BG6H4

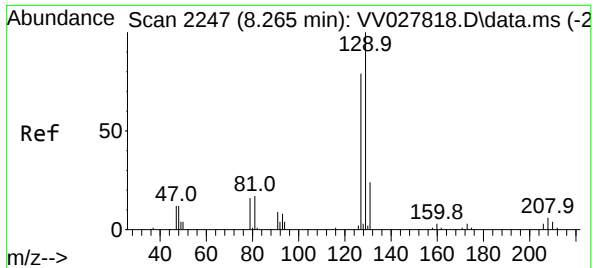
Tgt Ion: 75 Resp: 705
Ion Ratio Lower Upper
75 100
77 62.9 22.6 42.0#



#47
Tetrachloroethene
Concen: 0.402 ug/L
RT: 7.989 min Scan# 2161
Delta R.T. 0.016 min
Lab File: VV027821.D
Acq: 14 Sep 2022 11:54

Tgt Ion:164 Resp: 2977
Ion Ratio Lower Upper
164 100
129 94.4 67.2 124.8
131 89.3 61.5 114.3
166 120.5 91.1 169.3





#49

Dibromochloromethane

Concen: 0.412 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. -0.254 min

Lab File: VV027821.D

Acq: 14 Sep 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

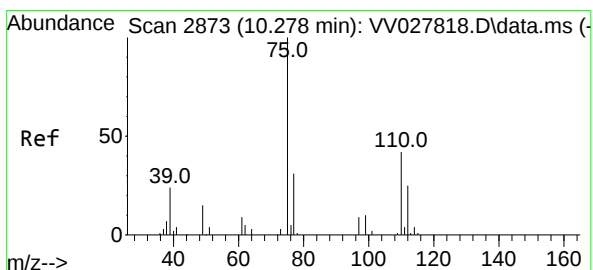
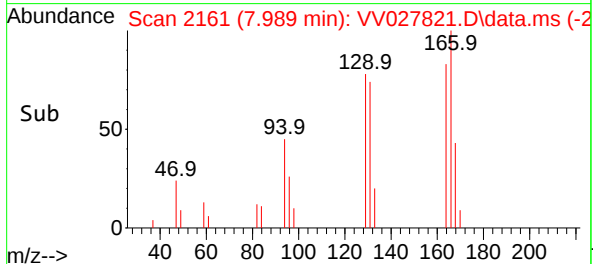
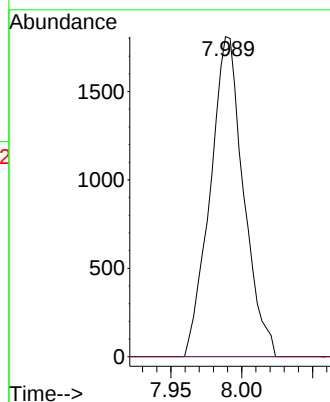
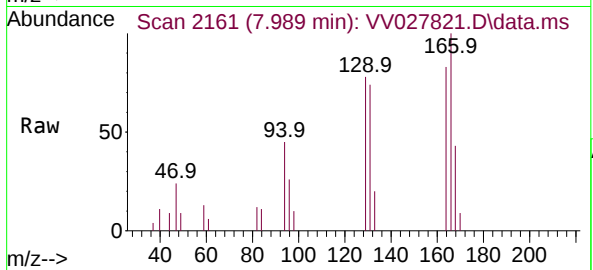
BG6H4

Tgt Ion:129 Resp: 2964

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.235 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV027821.D

Acq: 14 Sep 2022 11:54

Tgt Ion: 75 Resp: 5000

Ion Ratio Lower Upper

75 100

77 38.2 27.6 41.4

110 1.3 35.6 53.4#

