

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091422\
 Data File : VV027826.D
 Acq On : 14 Sep 2022 13:55
 Operator : SY/MD
 Sample : N4546-03DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

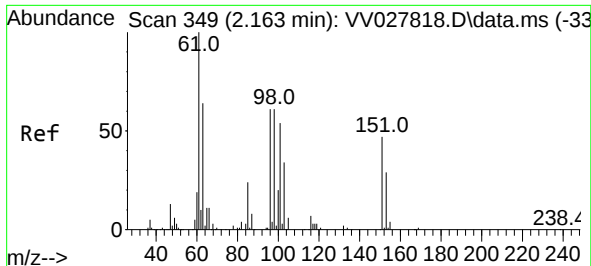
Instrument :
 MSVOA_V
 ClientSampleId :
 BG6H5DL

Quant Time: Sep 15 02:50:42 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	5.593	114	159662	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.860	117	117773	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.249	152	56064	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	37659	3.578	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.558	69	36983	4.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.098	63	65235	2.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.400%#
20) 2-Butanone-d5	3.957	46	107294	46.002	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.000%
24) Chloroform-d	4.352	84	98201	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.034	65	56594	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.040	84	193997	5.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.600%
36) 1,2-Dichloropropane-d6	6.043	67	52102	5.208	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.333	98	130973	4.559	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.641	79	14631	4.360	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.120	63	52095	41.761	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.520%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	30559	4.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	45728	4.965	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.105	96	1044	0.099	ug/L #	1
16) Methylene chloride	2.500	84	11103	0.815	ug/L	92
25) Chloroform	4.378	83	2940	0.126	ug/L	93
31) Carbon tetrachloride	4.815	117	734	0.048	ug/L	97
34) Trichloroethene	5.870	95	1904	0.196	ug/L #	76
35) Methylcyclohexane	6.040	83	13511	0.904	ug/L #	19
37) 1,2-Dichloropropane	6.043	63	6792	0.736	ug/L #	87
39) cis-1,3-Dichloropropene	7.001	75	1218	0.105	ug/L #	52
45) 1,1,2-Trichloroethane	7.982	97	474	0.079	ug/L #	4
47) Tetrachloroethene	7.985	164	54702	7.002	ug/L	96
49) Dibromochloromethane	7.985	129	49327	6.497	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	5451	1.228	ug/L #	62

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



#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV027826.D

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MSVOA_V

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BG6H5DL

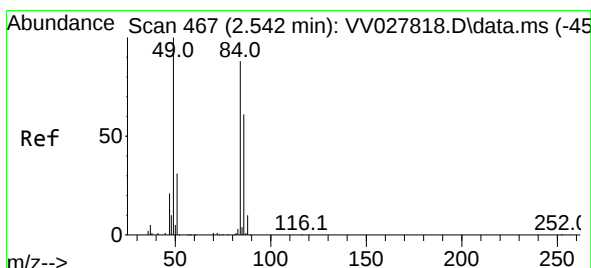
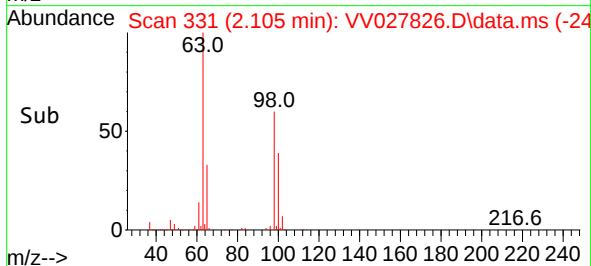
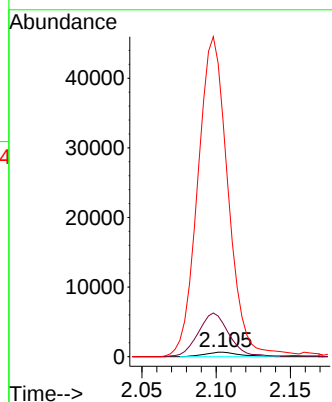
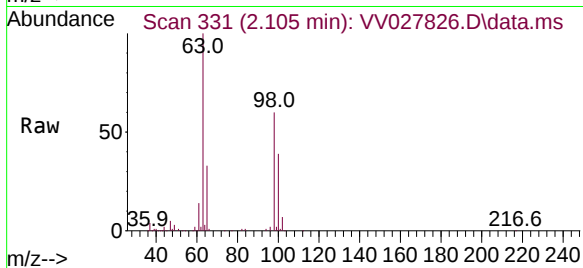
Tgt Ion: 96 Resp: 1044

Ion Ratio Lower Upper

96 100

61 744.5 129.9 241.3#

63 5291.2 94.6 175.8#



#16

Methylene chloride

Concen: 0.815 ug/L

RT: 2.500 min Scan# 454

Delta R.T. -0.003 min

Lab File: VV027826.D

Acq: 14 Sep 2022 13:55

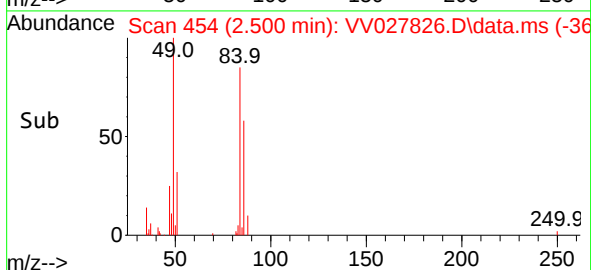
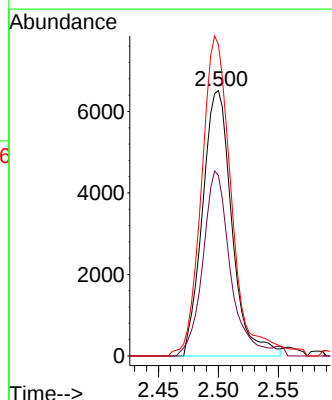
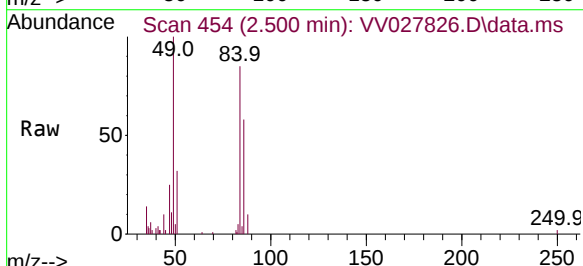
Tgt Ion: 84 Resp: 11103

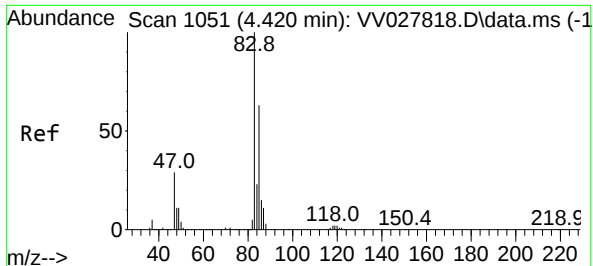
Ion Ratio Lower Upper

84 100

86 68.0 44.9 83.3

49 117.3 90.1 167.3





#25

Chloroform

Concen: 0.126 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.009 min

Lab File: VV027826.D

Acq: 14 Sep 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

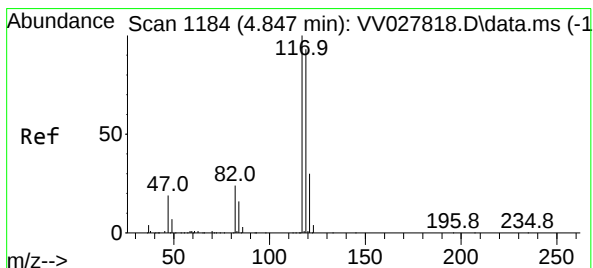
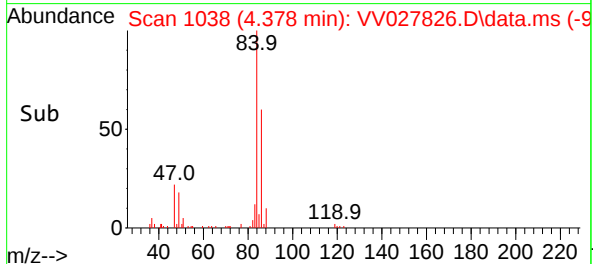
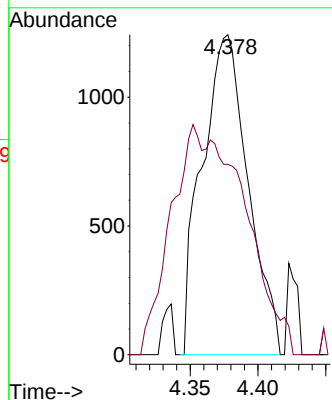
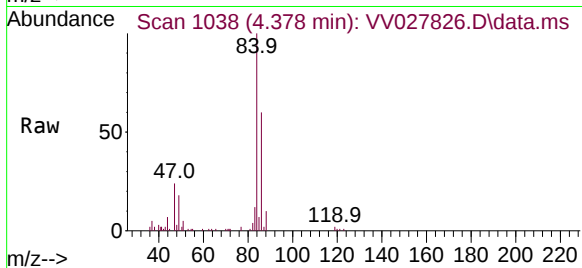
BG6H5DL

Tgt Ion: 83 Resp: 2940

Ion Ratio Lower Upper

83 100

85 59.5 45.4 84.2



#31

Carbon tetrachloride

Concen: 0.048 ug/L

RT: 4.815 min Scan# 1174

Delta R.T. -0.007 min

Lab File: VV027826.D

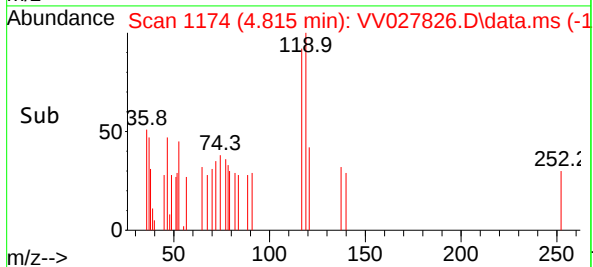
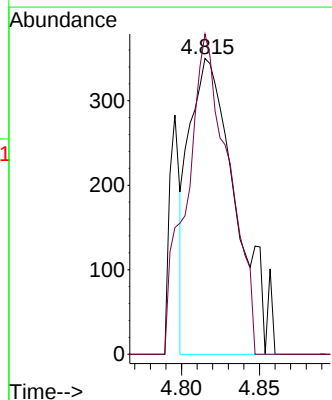
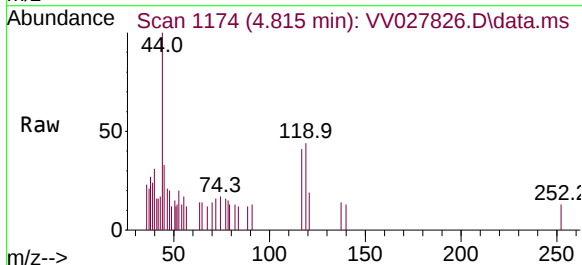
Acq: 14 Sep 2022 13:55

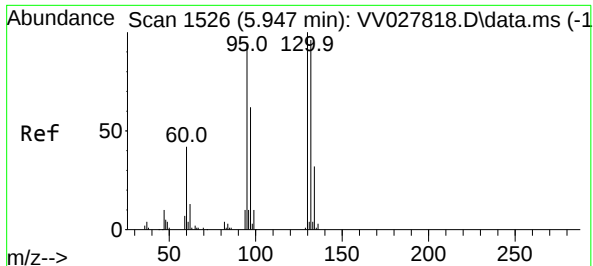
Tgt Ion: 117 Resp: 734

Ion Ratio Lower Upper

117 100

119 97.3 75.8 113.8

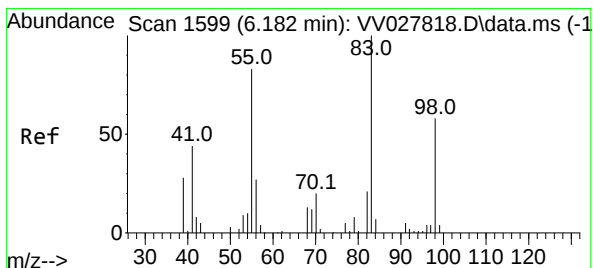
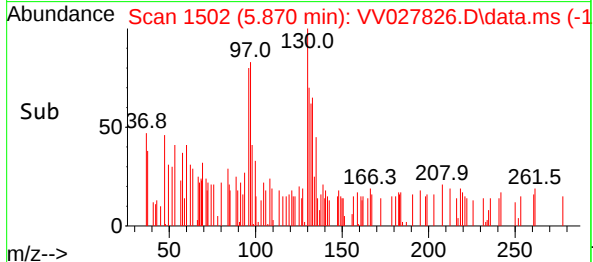
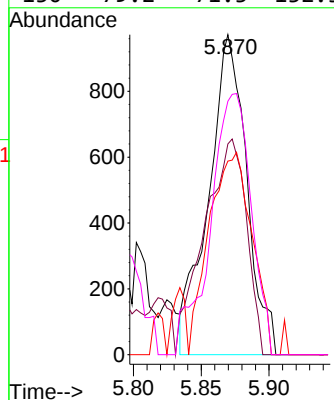
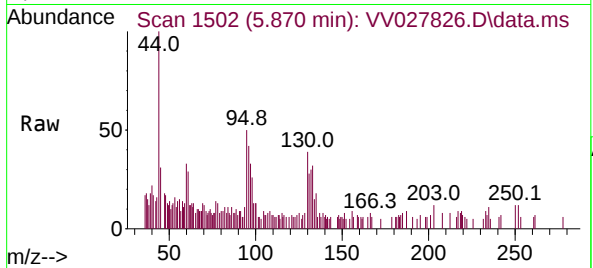




#34
Trichloroethene
Concen: 0.196 ug/L
RT: 5.870 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV027826.D
Acq: 14 Sep 2022 13:55

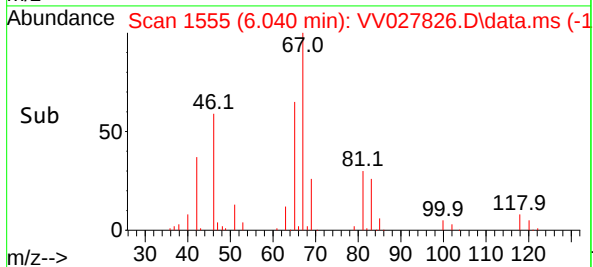
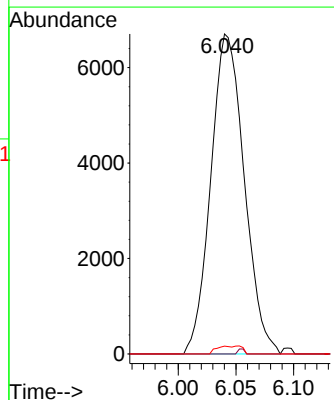
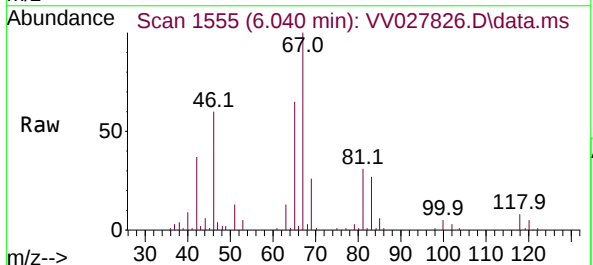
Instrument :
MSVOA_V
ClientSampleId :
BG6H5DL

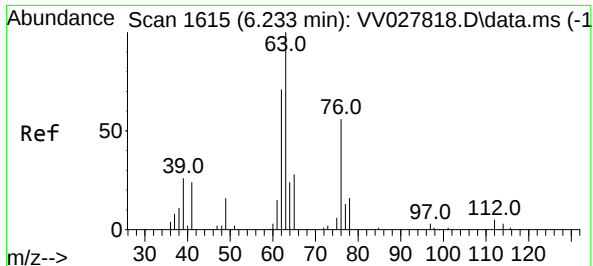
Tgt Ion:	95	Resp:	1904
Ion	Ratio	Lower	Upper
95	100		
97	65.8	42.9	79.7
132	60.5	67.9	126.1#
130	79.2	71.3	132.3



#35
Methylcyclohexane
Concen: 0.904 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.084 min
Lab File: VV027826.D
Acq: 14 Sep 2022 13:55

Tgt Ion:	83	Resp:	13511
Ion	Ratio	Lower	Upper
83	100		
55	0.3	61.9	92.9#
98	1.2	37.5	56.3#





#37

1,2-Dichloropropane

Concen: 0.736 ug/L

RT: 6.043 min Scan# 11

Delta R.T. -0.122 min

Lab File: VV027826.D

Acq: 14 Sep 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

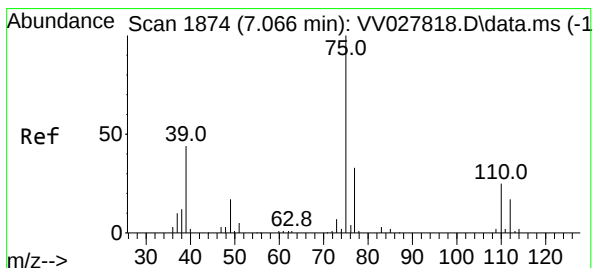
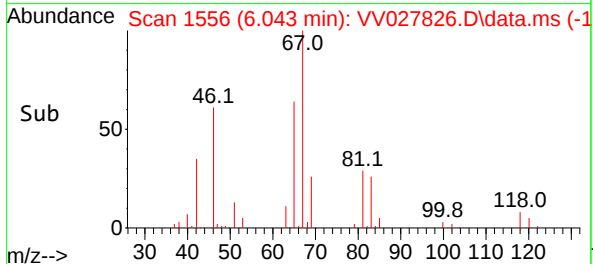
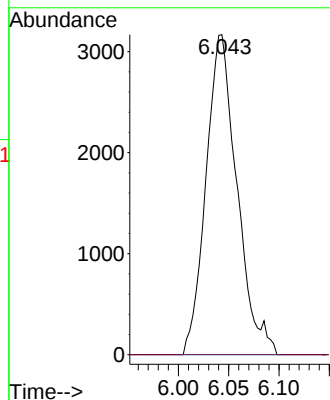
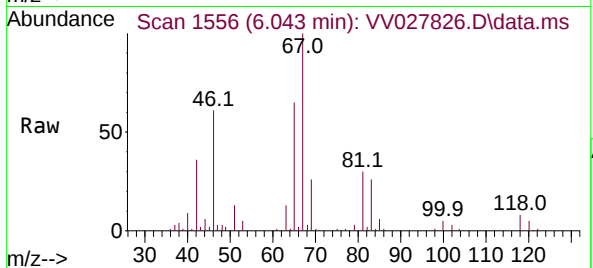
BG6H5DL

Tgt Ion: 63 Resp: 6792

Ion Ratio Lower Upper

63 100

112 0.7 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.001 min Scan# 1854

Delta R.T. -0.023 min

Lab File: VV027826.D

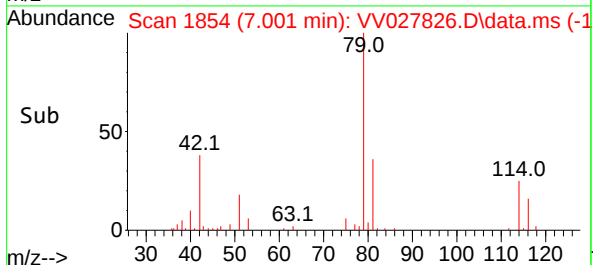
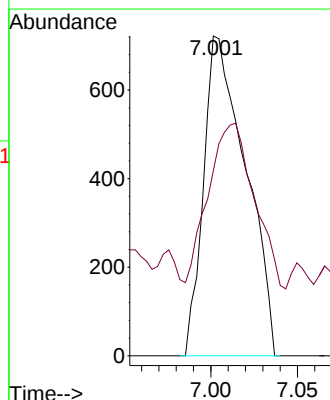
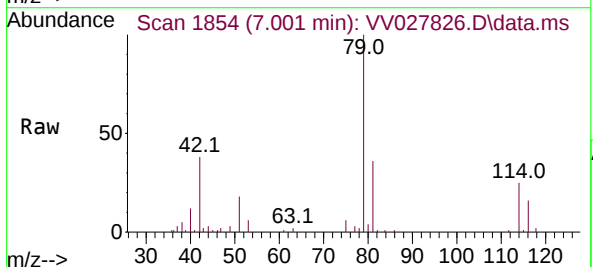
Acq: 14 Sep 2022 13:55

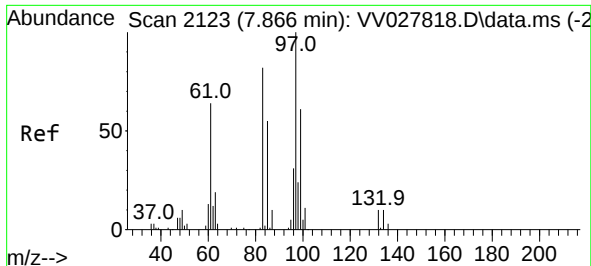
Tgt Ion: 75 Resp: 1218

Ion Ratio Lower Upper

75 100

77 57.9 22.0 40.8#

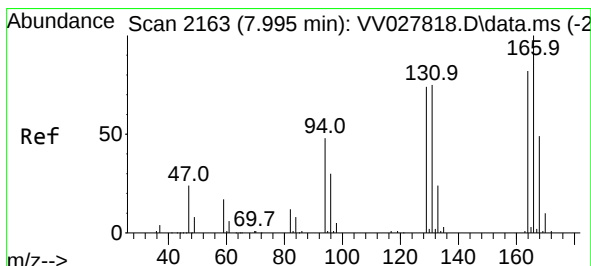
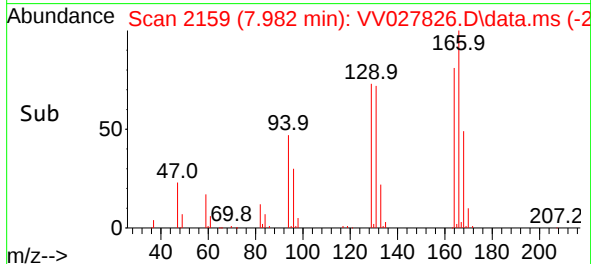
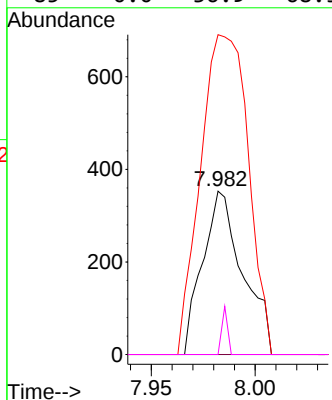
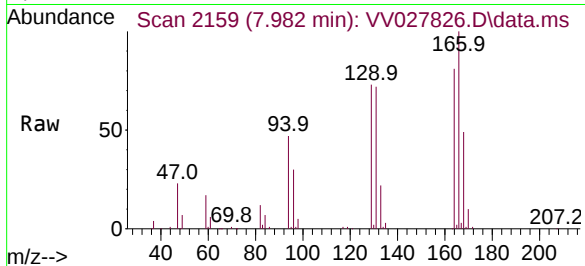




#45
1,1,2-Trichloroethane
Concen: 0.079 ug/L
RT: 7.982 min Scan# 2123
Delta R.T. 0.148 min
Lab File: VV027826.D
Acq: 14 Sep 2022 13:55

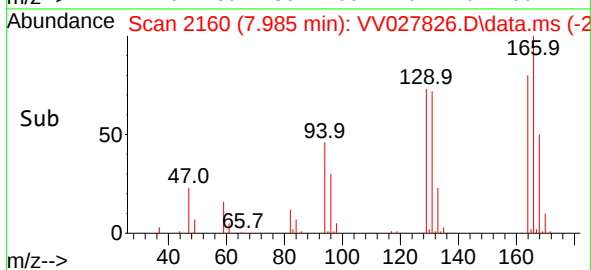
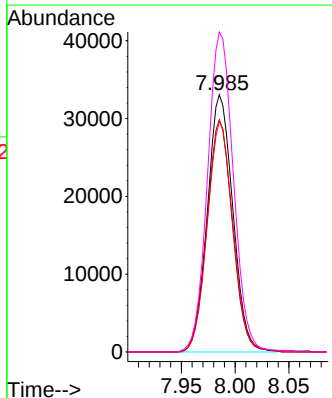
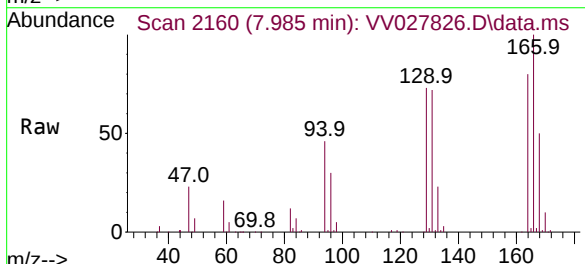
Instrument :
MSVOA_V
ClientSampleId :
BG6H5DL

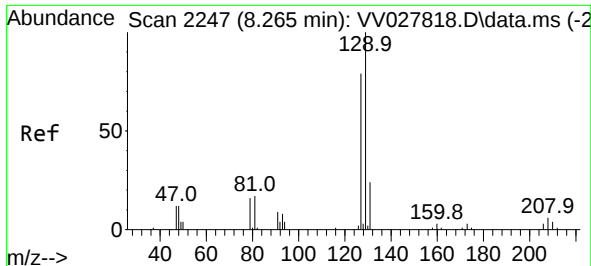
Tgt Ion: 97	Resp:	474
Ion	Ratio	Lower Upper
97	100	
99	0.0	44.2 82.0#
83	195.8	60.3 112.1#
85	0.0	36.9 68.5#



#47
Tetrachloroethene
Concen: 7.002 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.013 min
Lab File: VV027826.D
Acq: 14 Sep 2022 13:55

Tgt Ion: 164	Resp:	54702
Ion	Ratio	Lower Upper
164	100	
129	90.2	67.2 124.8
131	89.7	61.5 114.3
166	124.4	91.1 169.3





#49

Dibromochloromethane

Concen: 6.497 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.257 min

Lab File: VV027826.D

Acq: 14 Sep 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

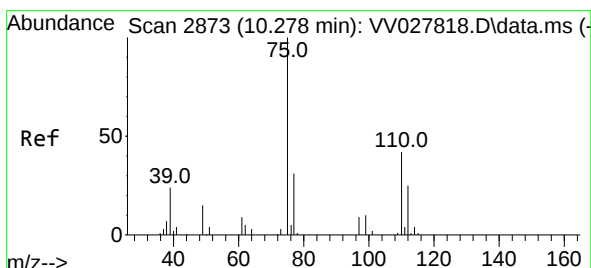
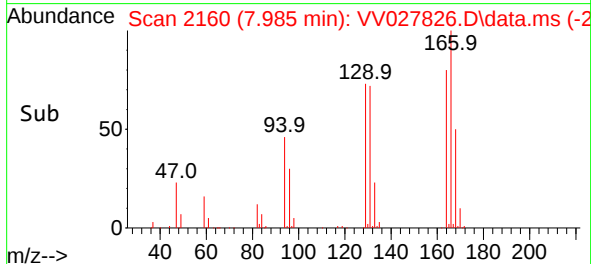
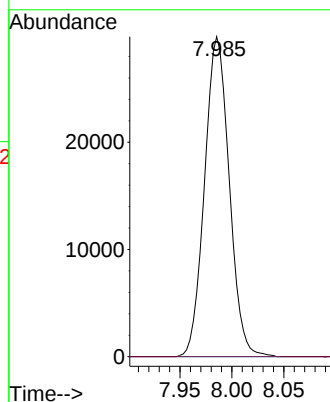
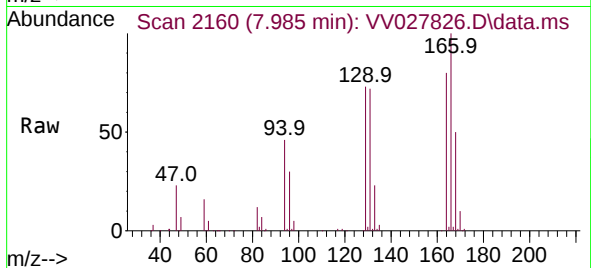
BG6H5DL

Tgt Ion:129 Resp: 49327

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.228 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV027826.D

Acq: 14 Sep 2022 13:55

Tgt Ion: 75 Resp: 5451

Ion Ratio Lower Upper

75 100

77 35.9 27.6 41.4

110 2.3 35.6 53.4#

