

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027562.D
 Acq On : 29 Aug 2022 15:09
 Operator : SY/MD
 Sample : N4366-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F08

Quant Time: Aug 30 04:19:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

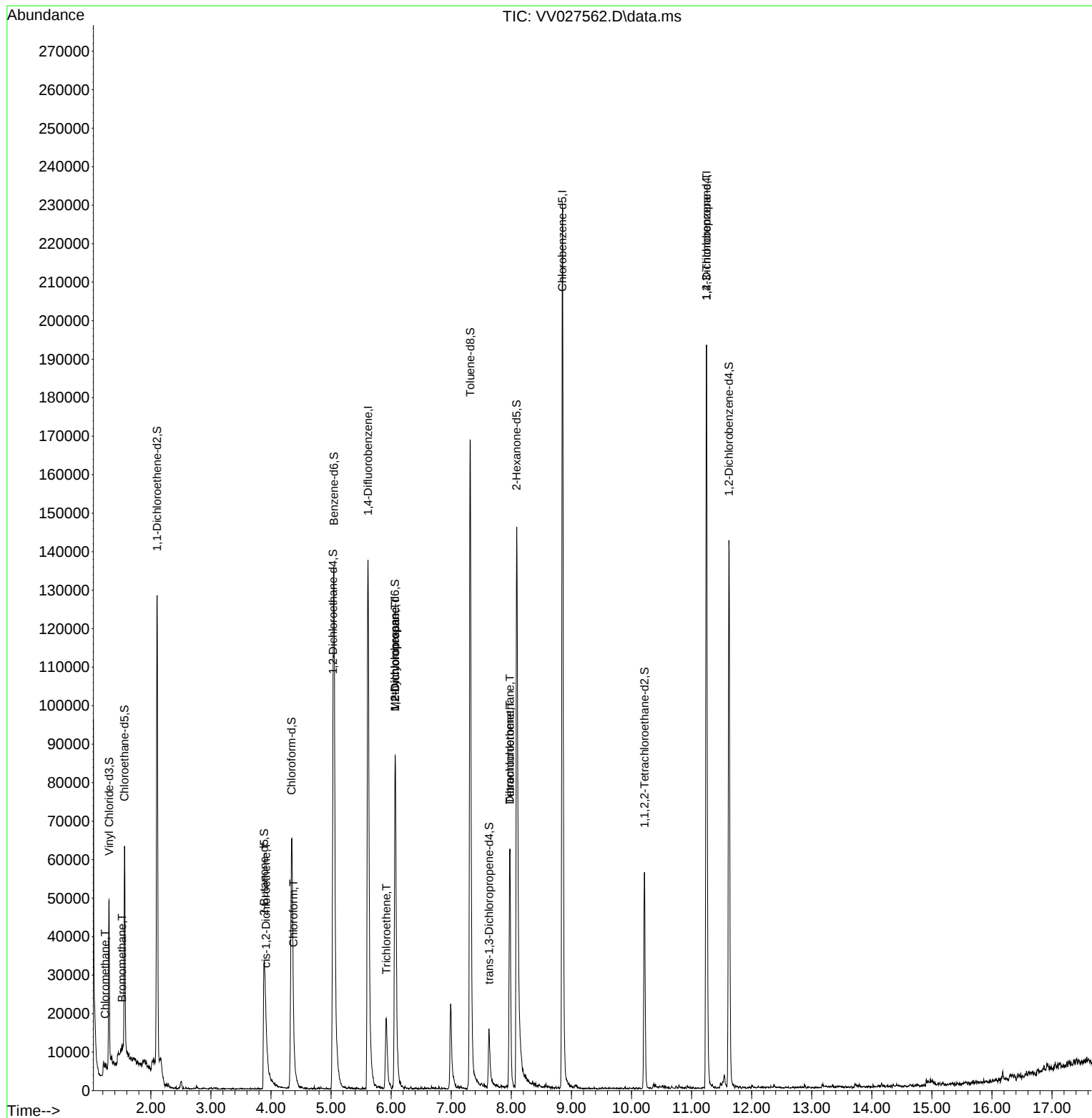
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124287	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	124305	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31796	3.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.561	69	34794	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.400%
11) 1,1-Dichloroethene-d2	2.105	63	66448	3.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.886	46	59555	54.100	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.200%
24) Chloroform-d	4.342	84	70490	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
26) 1,2-Dichloroethane-d4	5.031	65	33610	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.047	84	130242	3.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.066	67	41686	4.164	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.317	98	114852	3.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	7.628	79	9455	2.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.200%
46) 2-Hexanone-d5	8.088	63	46509	41.223	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26635	4.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	35698	4.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
3) Chloromethane	1.236	50	653	0.057	ug/L	83
6) Bromomethane	1.519	94	753	0.131	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	2137	0.207	ug/L	98
25) Chloroform	4.371	83	4052	0.186	ug/L	91
34) Trichloroethene	5.918	95	7265	0.668	ug/L	97
35) Methylcyclohexane	6.066	83	10992	0.719	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	5425	0.492	ug/L #	85
47) Tetrachloroethene	7.976	164	14327	1.691	ug/L	94
49) Dibromochloromethane	7.976	129	12992	1.500	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6231	1.365	ug/L #	68

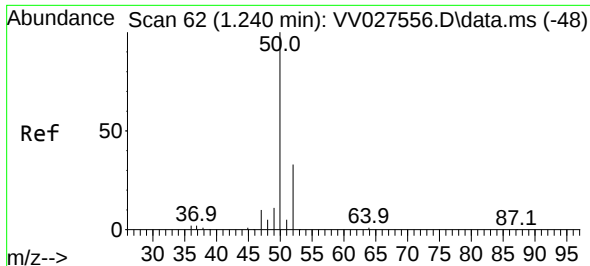
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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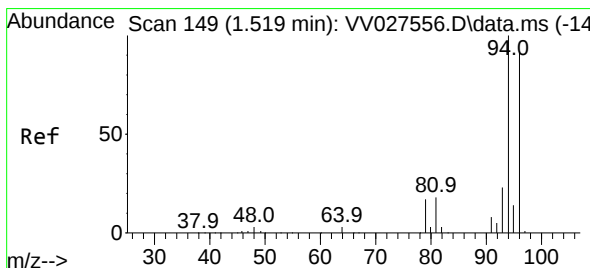
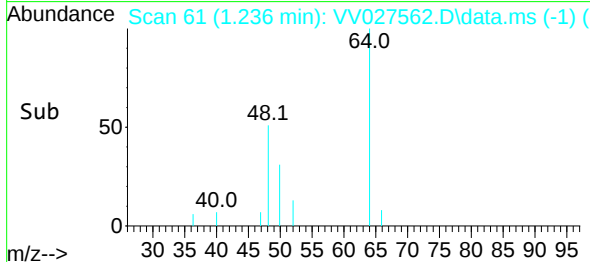
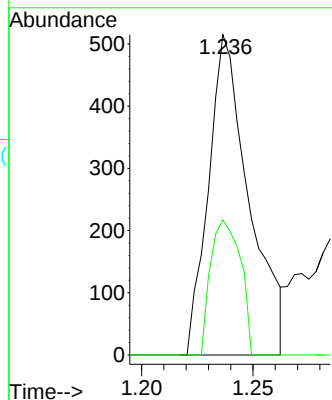
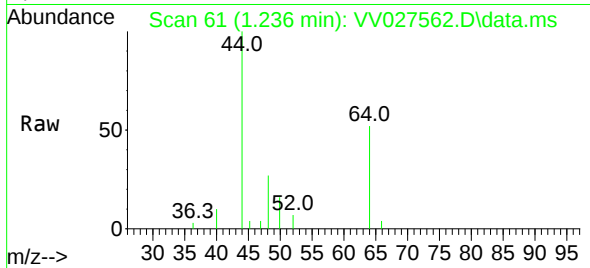




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027562.D
Acq: 29 Aug 2022 15:09

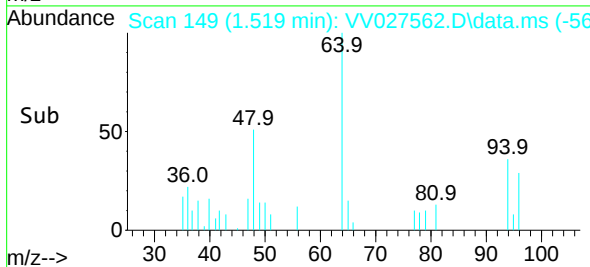
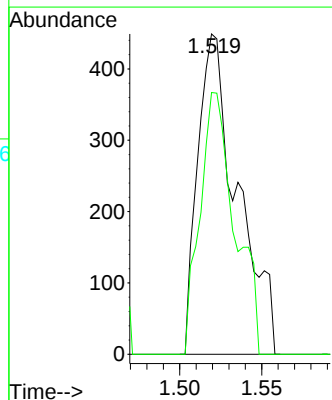
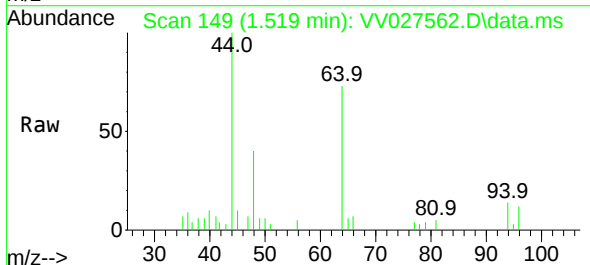
Instrument :
MSVOA_V
ClientSampleId :
F5F08

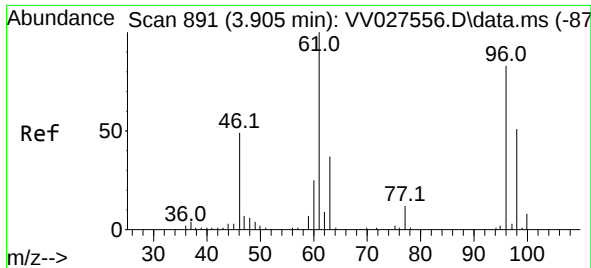
Tgt Ion: 50 Resp: 653
Ion Ratio Lower Upper
50 100
52 42.1 22.8 42.4



#6
Bromomethane
Concen: 0.131 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027562.D
Acq: 29 Aug 2022 15:09

Tgt Ion: 94 Resp: 753
Ion Ratio Lower Upper
94 100
96 81.7 65.2 121.0

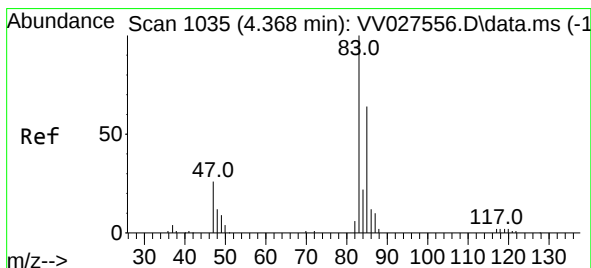
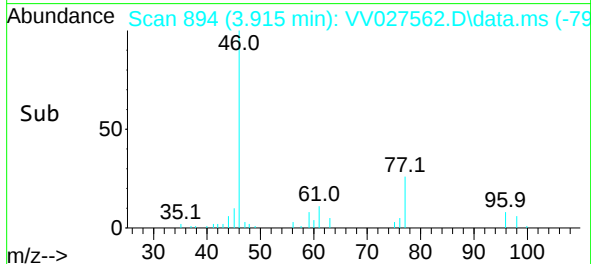
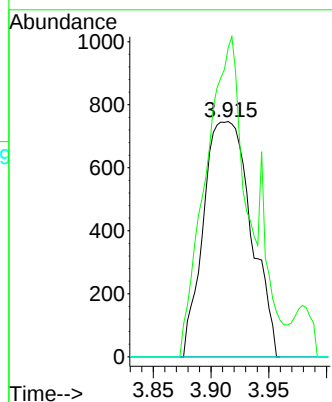
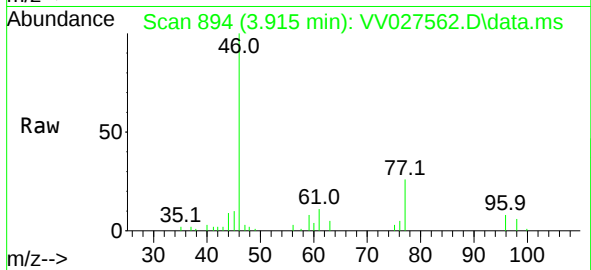




#22
cis-1,2-Dichloroethene
Concen: 0.207 ug/L
RT: 3.915 min Scan# 891
Delta R.T. 0.010 min
Lab File: VV027562.D
Acq: 29 Aug 2022 15:09

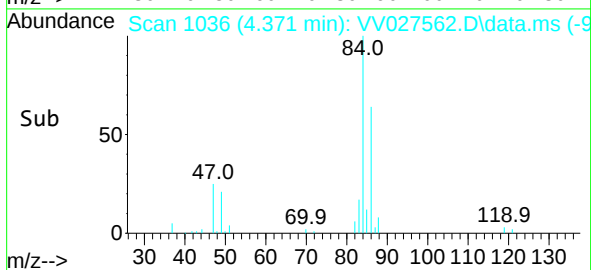
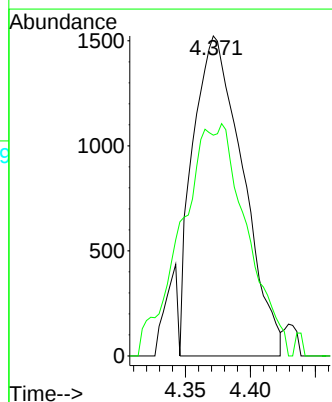
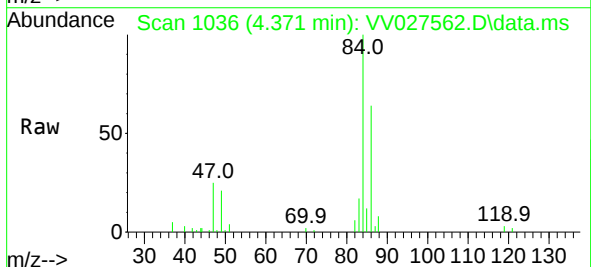
Instrument :
MSVOA_V
ClientSampleId :
F5F08

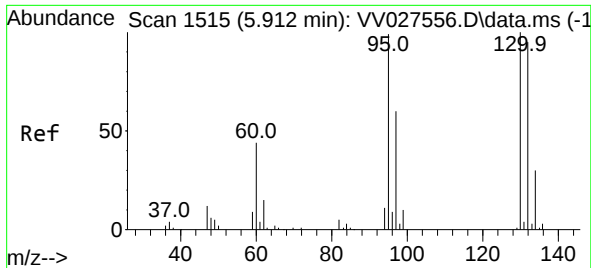
Tgt Ion: 96 Resp: 2137
Ion Ratio Lower Upper
96 100
61 131.3 90.6 168.2
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.186 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV027562.D
Acq: 29 Aug 2022 15:09

Tgt Ion: 83 Resp: 4052
Ion Ratio Lower Upper
83 100
85 69.0 43.3 80.5



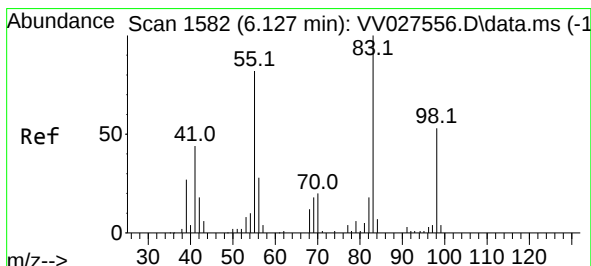
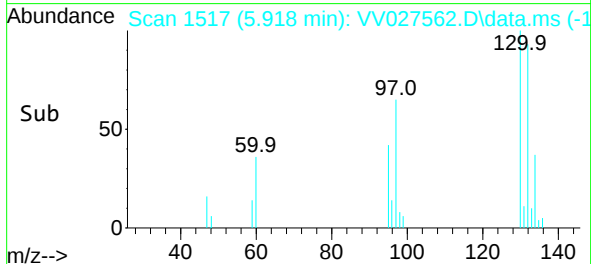
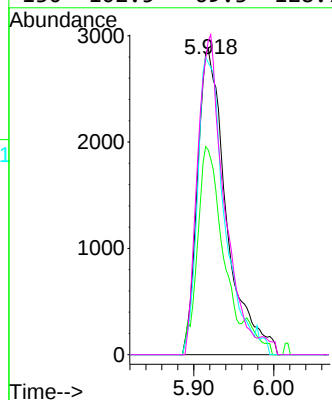
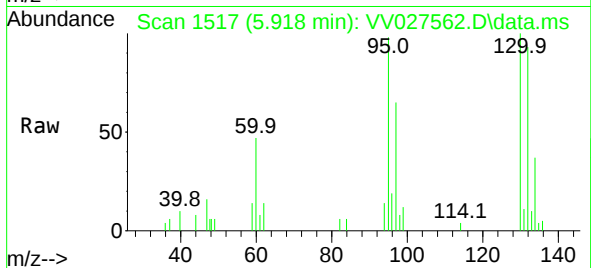


#34
Trichloroethene
Concen: 0.668 ug/L
RT: 5.918 min Scan# 1515
Delta R.T. 0.010 min
Lab File: VV027562.D
Acq: 29 Aug 2022 15:09

Instrument :
MSVOA_V
ClientSampleId :
F5F08

Tgt Ion: 95 Resp: 7265

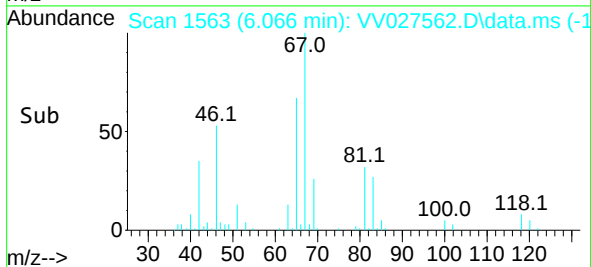
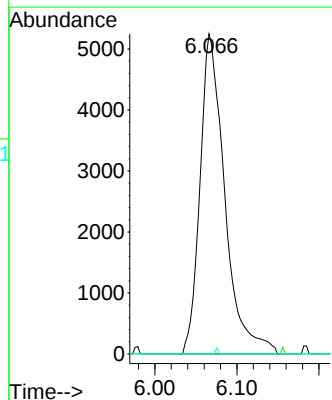
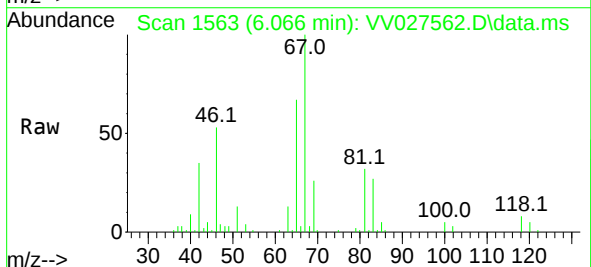
Ion	Ratio	Lower	Upper
95	100		
97	67.0	45.0	83.6
132	95.5	65.7	121.9
130	102.5	69.3	128.7

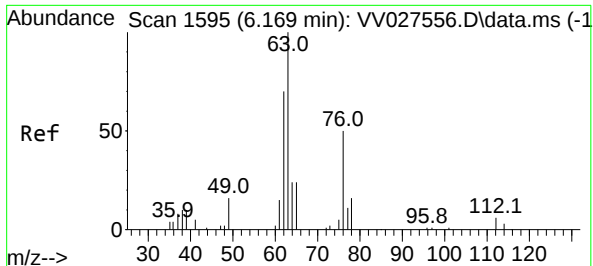


#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027562.D
Acq: 29 Aug 2022 15:09

Tgt Ion: 83 Resp: 10992

Ion	Ratio	Lower	Upper
83	100		
55	0.2	68.2	102.4#
98	0.2	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.492 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV027562.D

Acq: 29 Aug 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

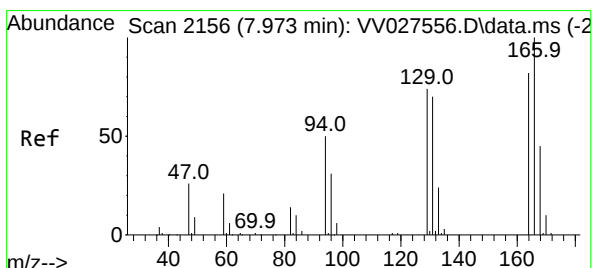
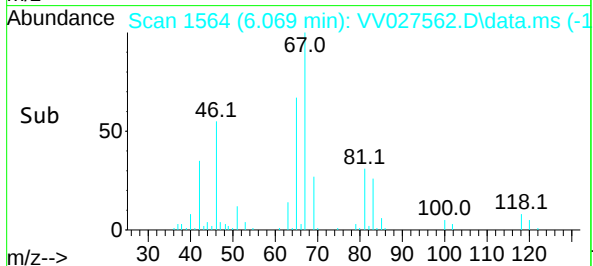
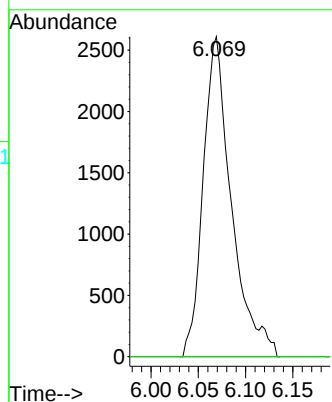
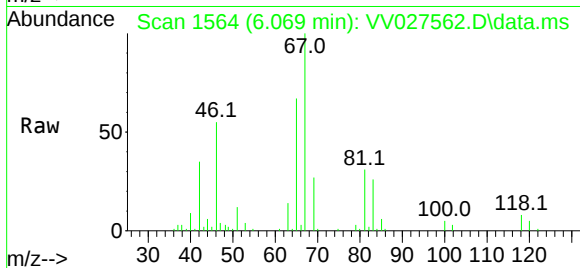
F5F08

Tgt Ion: 63 Resp: 5425

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#47

Tetrachloroethene

Concen: 1.691 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027562.D

Acq: 29 Aug 2022 15:09

Tgt Ion: 164 Resp: 14327

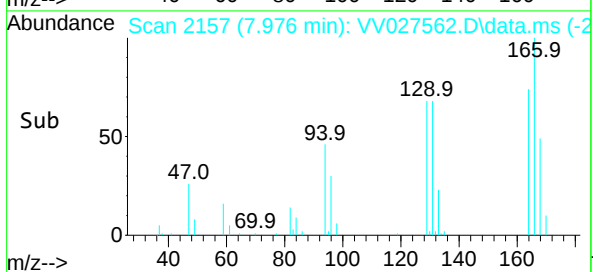
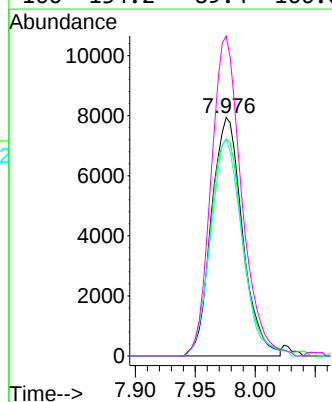
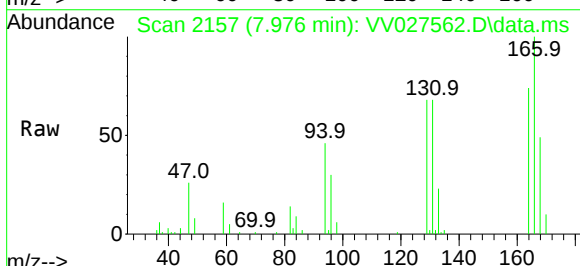
Ion Ratio Lower Upper

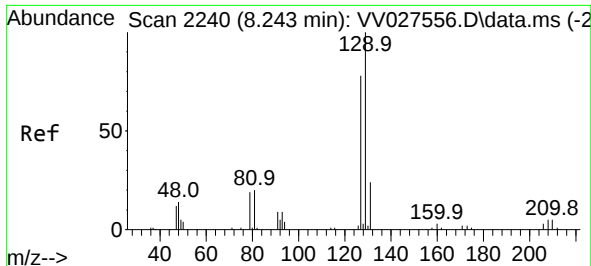
164 100

129 91.0 71.1 132.1

131 90.9 64.5 119.9

166 134.2 89.4 166.0





#49

Dibromochloromethane

Concen: 1.500 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027562.D

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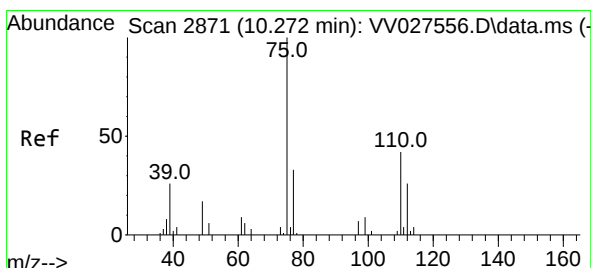
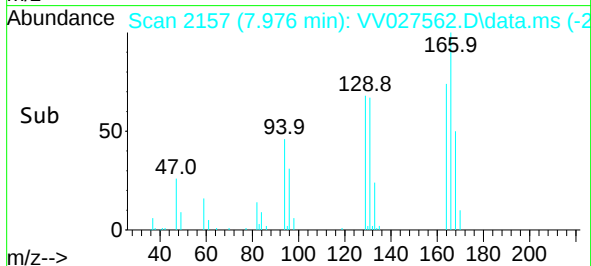
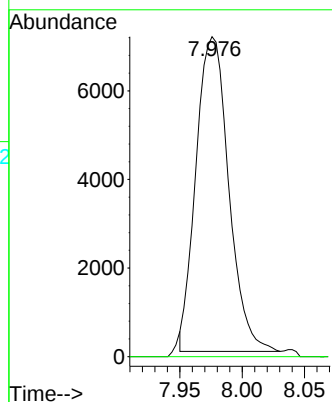
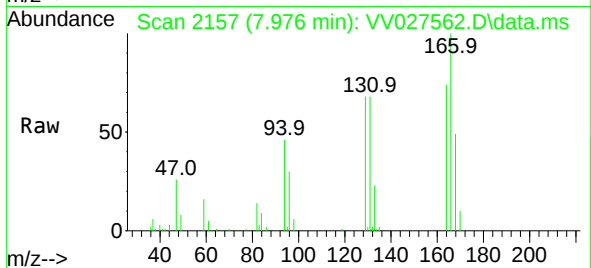
F5F08

Tgt Ion:129 Resp: 12992

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.365 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027562.D

Acq: 29 Aug 2022 15:09

Tgt Ion: 75 Resp: 6231

Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2

110 1.9 29.9 44.9#

