

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027566.D
 Acq On : 29 Aug 2022 16:45
 Operator : SY/MD
 Sample : N4366-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F12

Quant Time: Aug 30 04:19:35 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)

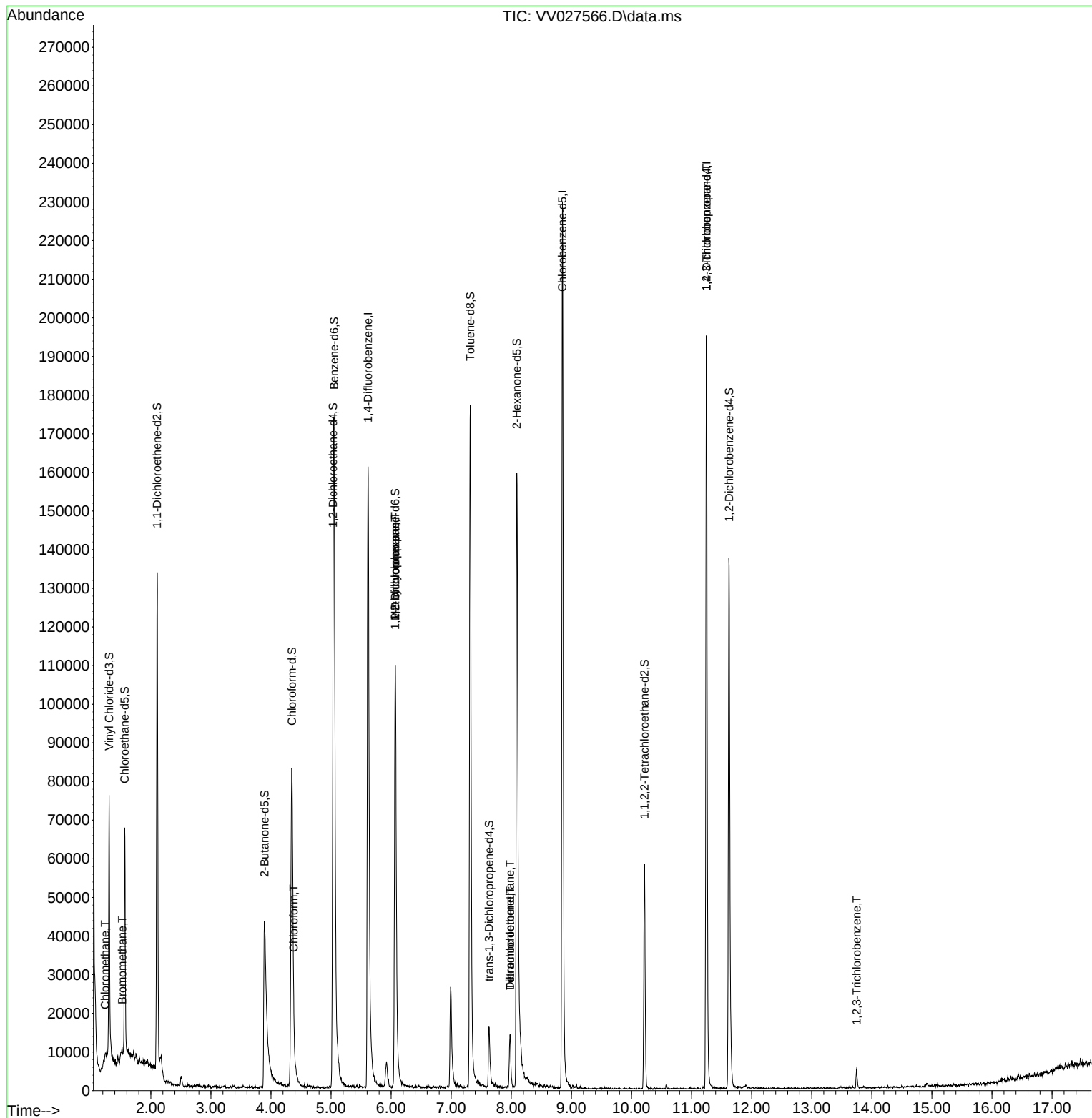
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	142330	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	127513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46351	4.576	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.564	69	36240	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.105	63	66443	2.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.200%#
20) 2-Butanone-d5	3.892	46	81434	64.598	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.200%
24) Chloroform-d	4.349	84	88432	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.034	65	44050	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.050	84	161601	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.069	67	54909	5.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.317	98	124186	3.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.628	79	9235	2.627	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.600%#
46) 2-Hexanone-d5	8.091	63	53619	46.329	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26956	4.122	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	36771	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	872	0.066	ug/L #	75
6) Bromomethane	1.523	94	515	0.078	ug/L	91
25) Chloroform	4.378	83	4330	0.173	ug/L	91
35) Methylcyclohexane	6.069	83	14027	0.894	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	6216	0.550	ug/L #	86
47) Tetrachloroethene	7.979	164	3139	0.361	ug/L	89
49) Dibromochloromethane	7.979	129	2690	0.303	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6096	1.316	ug/L #	67
72) 1,2,3-Trichlorobenzene	13.747	180	1525	0.185	ug/L	96

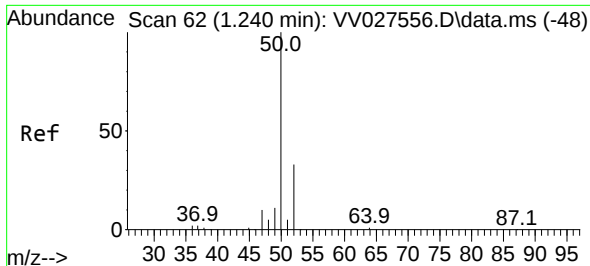
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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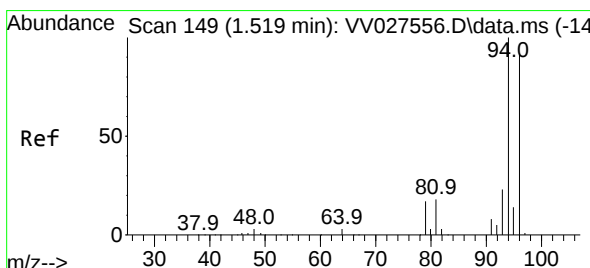
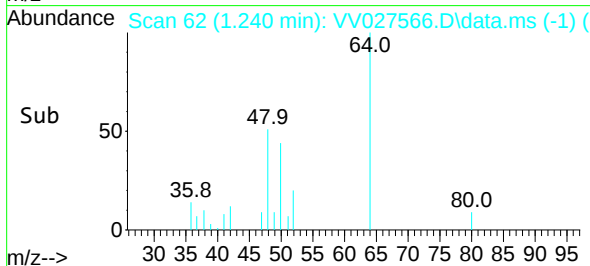
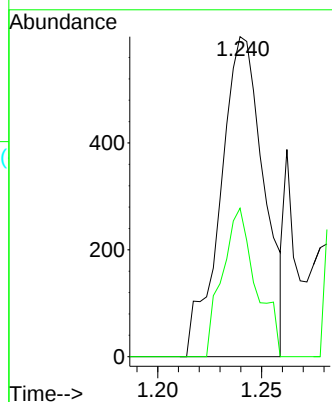
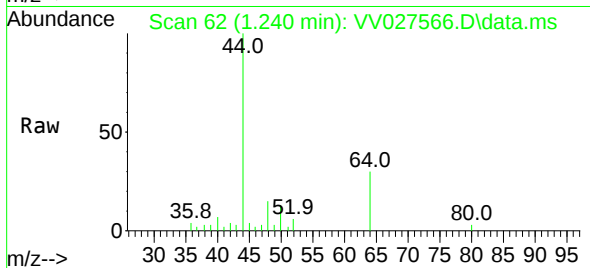




#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027566.D
Acq: 29 Aug 2022 16:45

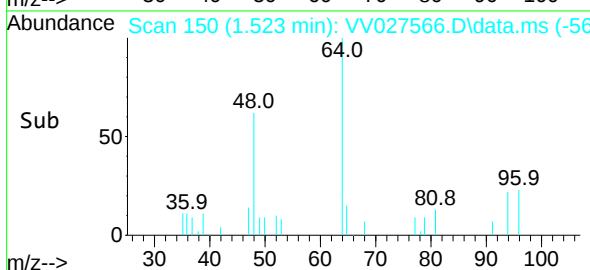
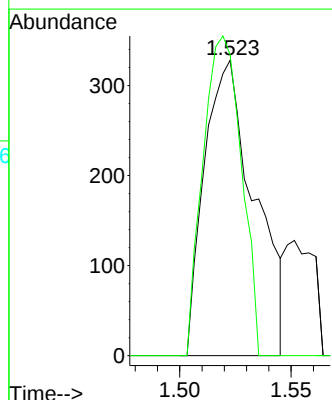
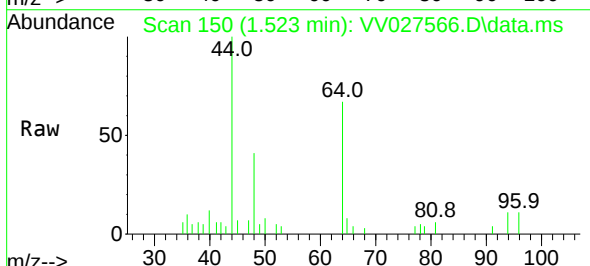
Instrument :
MSVOA_V
ClientSampleId :
F5F12

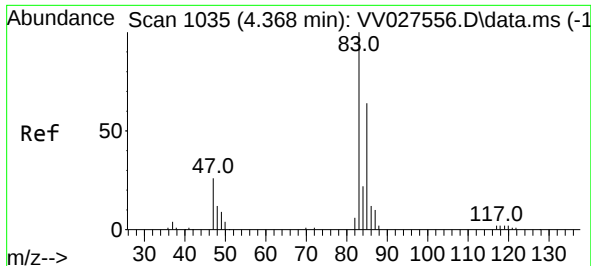
Tgt Ion: 50 Resp: 872
Ion Ratio Lower Upper
50 100
52 46.4 22.8 42.4#



#6
Bromomethane
Concen: 0.078 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027566.D
Acq: 29 Aug 2022 16:45

Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 101.8 65.2 121.0





#25

Chloroform

Concen: 0.173 ug/L

RT: 4.378 min Scan# 1035

Delta R.T. 0.013 min

Lab File: VV027566.D

Acq: 29 Aug 2022 16:45

Instrument :

MSVOA_V

ClientSampleId :

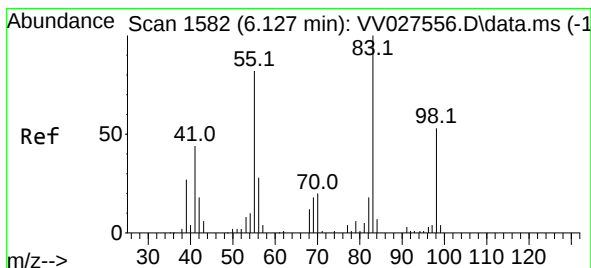
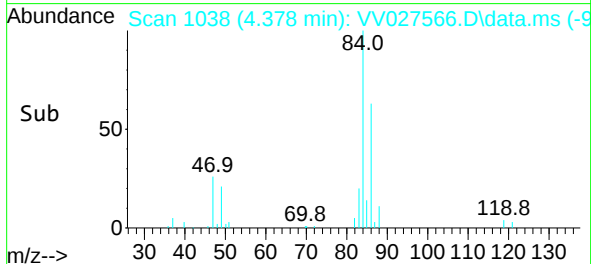
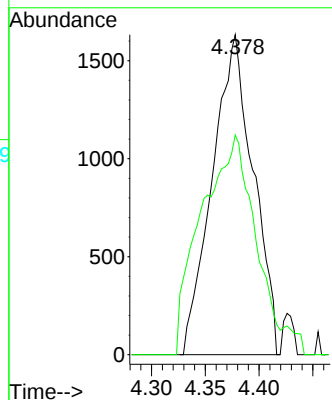
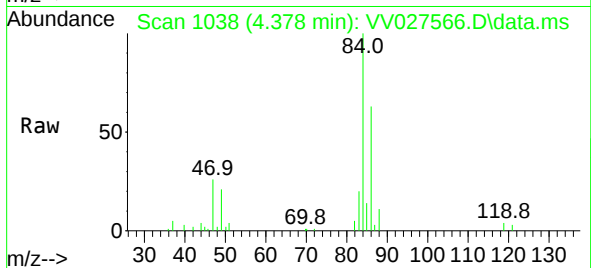
F5F12

Tgt Ion: 83 Resp: 4330

Ion Ratio Lower Upper

83 100

85 68.6 43.3 80.5



#35

Methylcyclohexane

Concen: 0.894 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027566.D

Acq: 29 Aug 2022 16:45

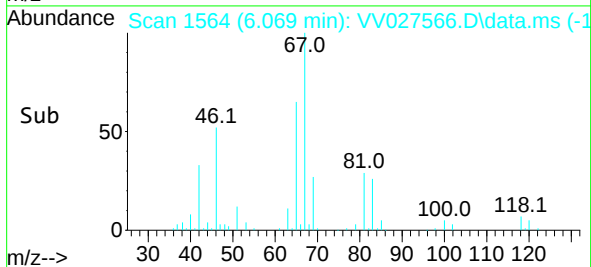
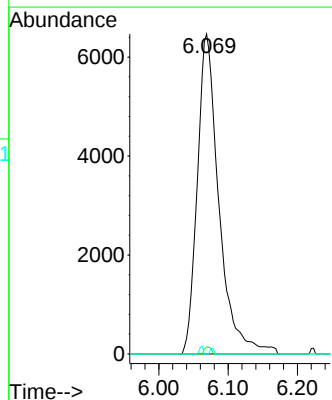
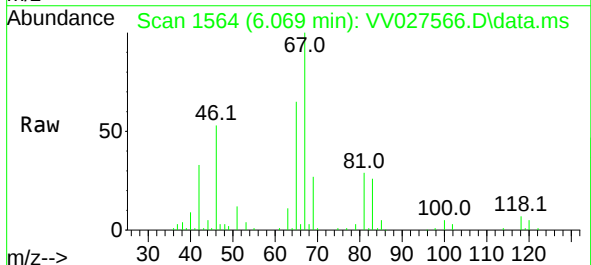
Tgt Ion: 83 Resp: 14027

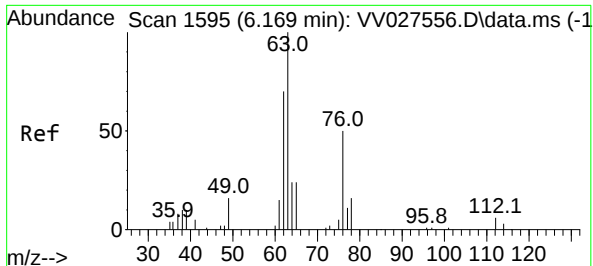
Ion Ratio Lower Upper

83 100

55 0.7 68.2 102.4#

98 0.4 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027566.D

Acq: 29 Aug 2022 16:45

Instrument :

MSVOA_V

ClientSampleId :

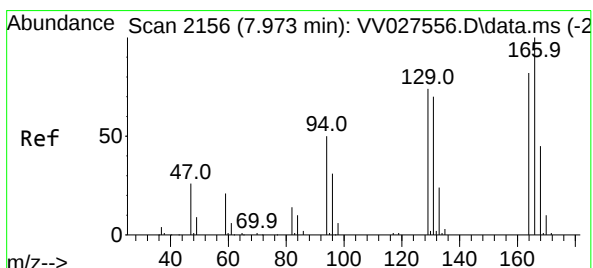
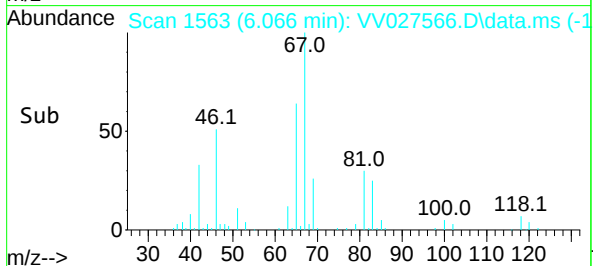
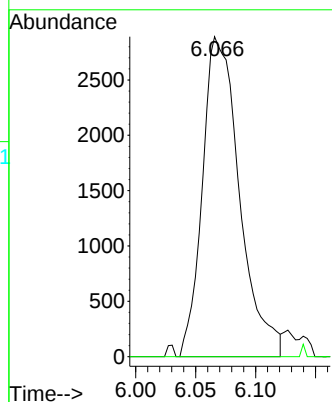
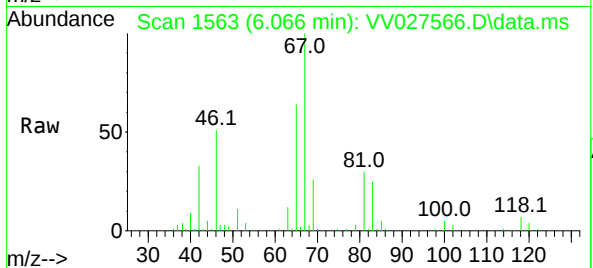
F5F12

Tgt Ion: 63 Resp: 6216

Ion Ratio Lower Upper

63 100

112 0.4 3.9 5.9#



#47

Tetrachloroethene

Concen: 0.361 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV027566.D

Acq: 29 Aug 2022 16:45

Tgt Ion: 164 Resp: 3139

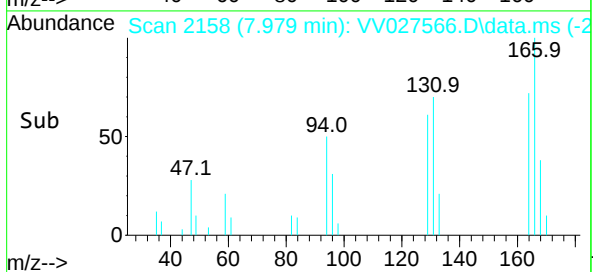
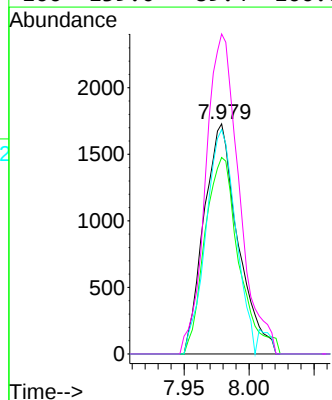
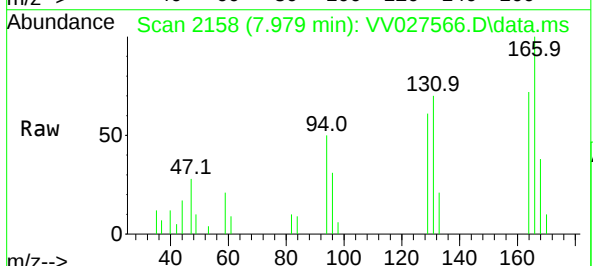
Ion Ratio Lower Upper

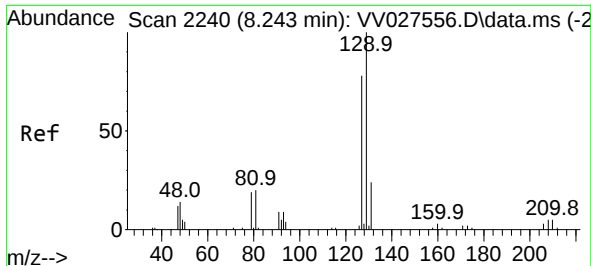
164 100

129 85.4 71.1 132.1

131 97.5 64.5 119.9

166 139.0 89.4 166.0





#49

Dibromochloromethane

Concen: 0.303 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV027566.D

Acq: 29 Aug 2022 16:45

Instrument :

MSVOA_V

ClientSampleId :

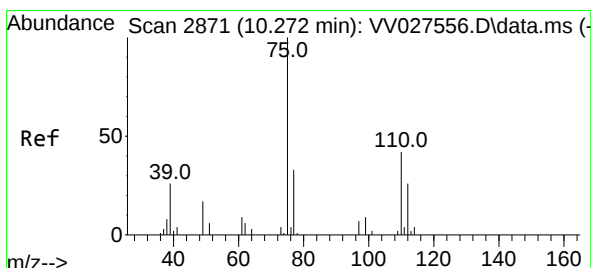
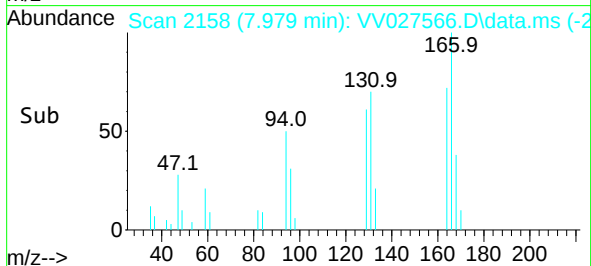
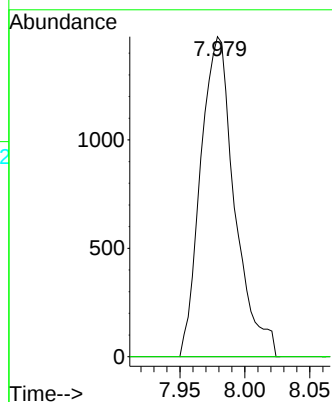
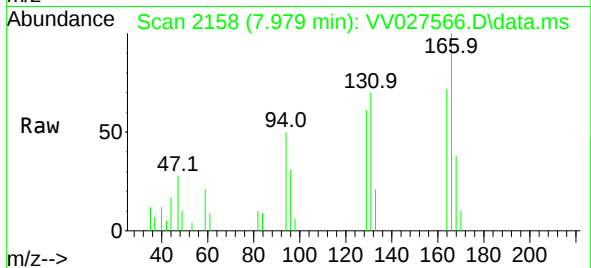
F5F12

Tgt Ion:129 Resp: 2690

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.316 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027566.D

Acq: 29 Aug 2022 16:45

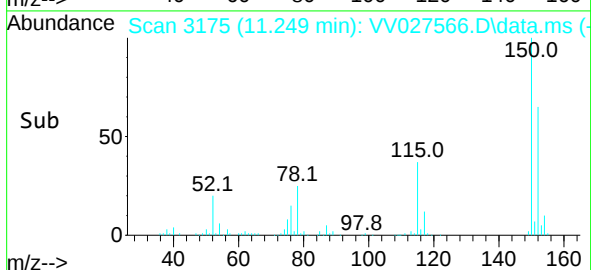
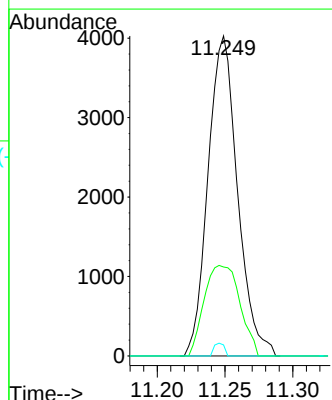
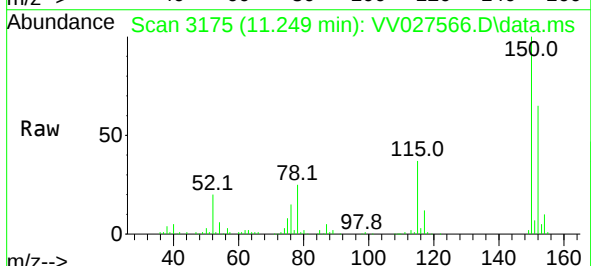
Tgt Ion: 75 Resp: 6096

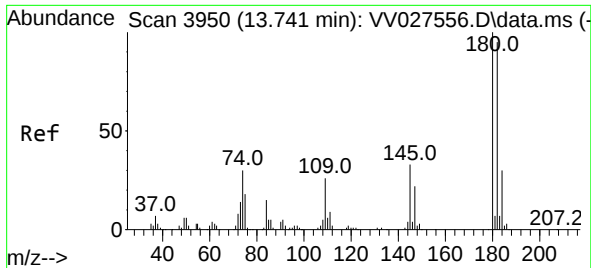
Ion Ratio Lower Upper

75 100

77 34.1 26.2 39.2

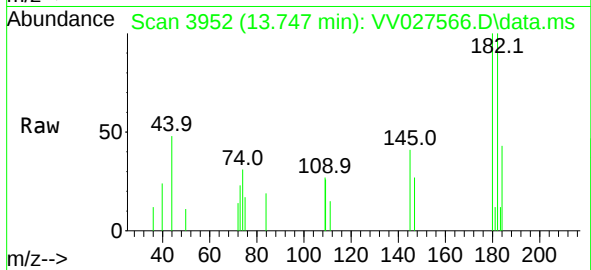
110 1.4 29.9 44.9#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.185 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.006 min
 Lab File: VV027566.D
 Acq: 29 Aug 2022 16:45

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F12



Tgt Ion:	180	Resp:	1525
Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.3	112.9
145	37.2	26.6	39.8

