

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026322.D
 Acq On : 16 Jun 2022 10:36
 Operator : SY/MD
 Sample : N3273-09DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B79DL

Quant Time: Jun 17 05:18:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 05:16:46 2022
 Response via : Initial Calibration

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

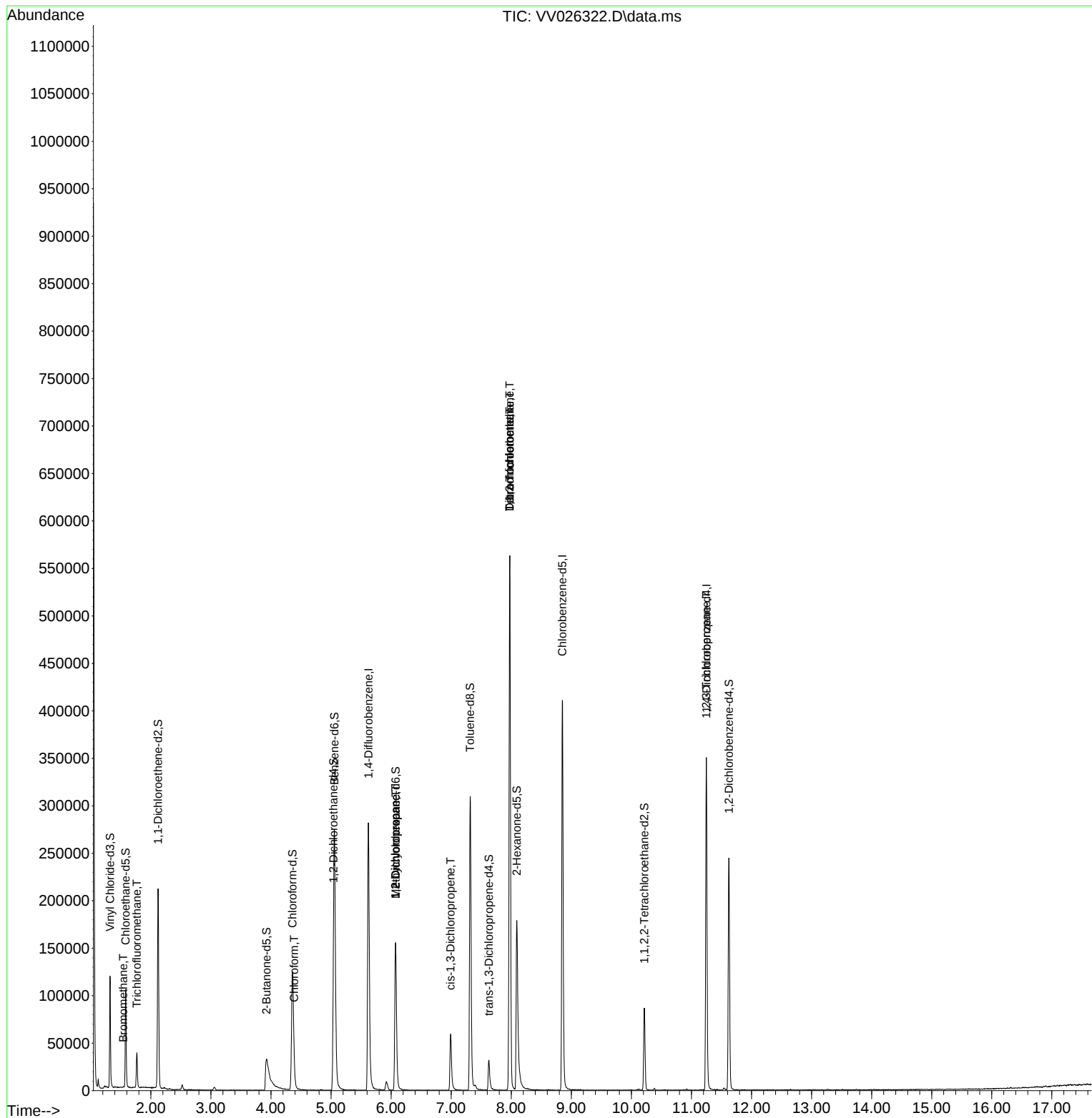
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	248637	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	238135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	79248	3.670	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.400%	
7) Chloroethane-d5	1.581	69	67098	3.951	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.000%	
11) 1,1-Dichloroethene-d2	2.121	63	111186	2.998	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.000%	
20) 2-Butanone-d5	3.925	46	79952	37.941	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.880%	
24) Chloroform-d	4.359	84	134818	4.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
26) 1,2-Dichloroethane-d4	5.040	65	54484	4.069	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
32) Benzene-d6	5.056	84	264026	4.147	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.076	67	78110	4.204	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.317	98	214421	3.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
43) trans-1,3-Dichloroprop...	7.629	79	20385	3.383	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.600%	
46) 2-Hexanone-d5	8.092	63	64862	35.637	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44286	3.869	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	66367	4.606	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						Qvalue
6) Bromomethane	1.539	94	522	0.044	ug/L	92
9) Trichlorofluoromethane	1.767	101	21004	0.709	ug/L	98
25) Chloroform	4.384	83	3226	0.102	ug/L	85
35) Methylcyclohexane	6.076	83	19370	0.840	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8937	0.560	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1540	0.084	ug/L #	66
45) 1,1,2-Trichloroethane	7.976	97	909	0.087	ug/L #	1
47) Tetrachloroethene	7.976	164	123349	9.991	ug/L	100
49) Dibromochloromethane	7.976	129	115986	9.993	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	11067	1.823	ug/L #	66

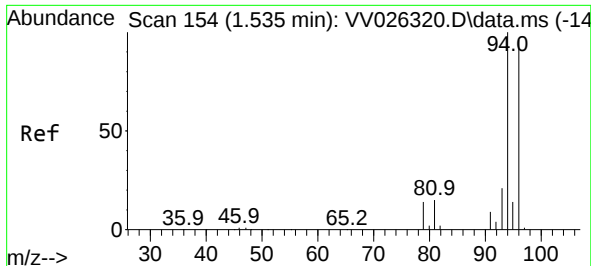
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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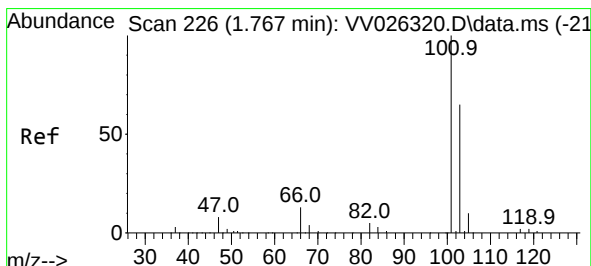
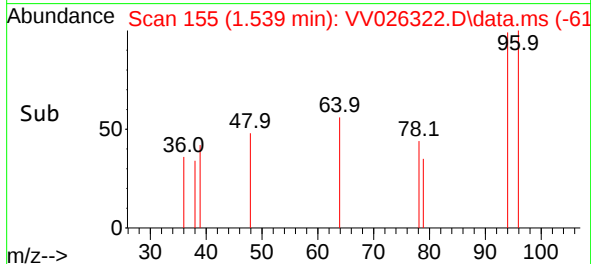
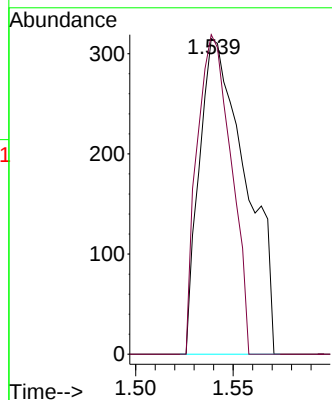
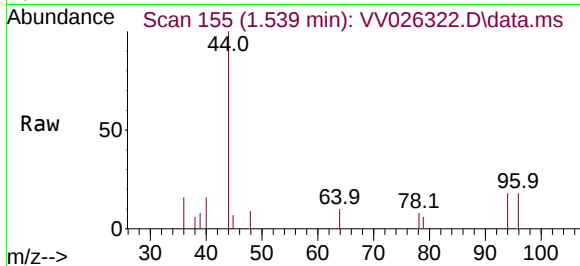




#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026322.D
Acq: 16 Jun 2022 10:36

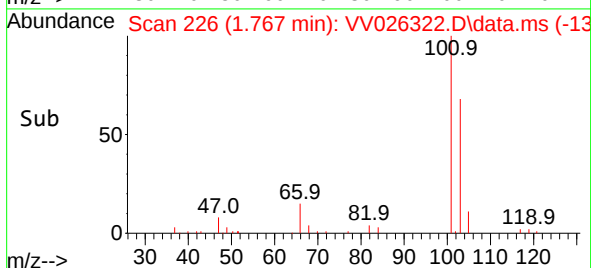
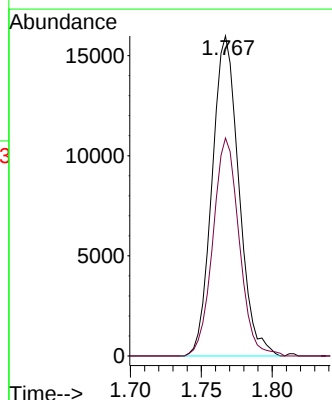
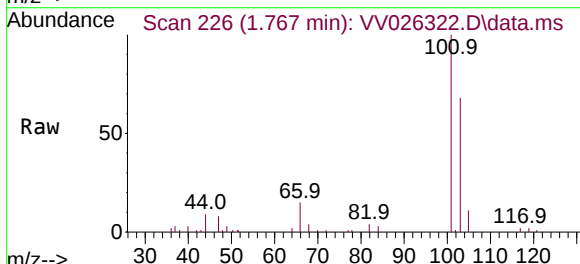
Instrument :
MSVOA_V
ClientSampleId :
C0B79DL

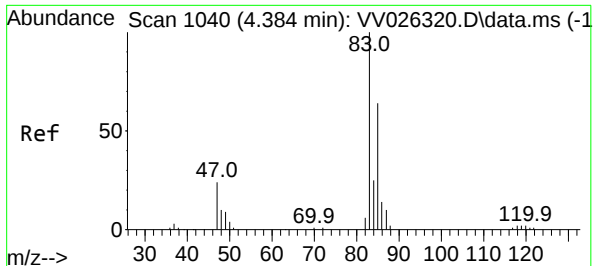
Tgt Ion: 94 Resp: 522
Ion Ratio Lower Upper
94 100
96 101.3 65.7 121.9



#9
Trichlorofluoromethane
Concen: 0.709 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.000 min
Lab File: VV026322.D
Acq: 16 Jun 2022 10:36

Tgt Ion: 101 Resp: 21004
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5





#25

Chloroform

Concen: 0.102 ug/L

RT: 4.384 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026322.D

Acq: 16 Jun 2022 10:36

Instrument :

MSVOA_V

ClientSampleId :

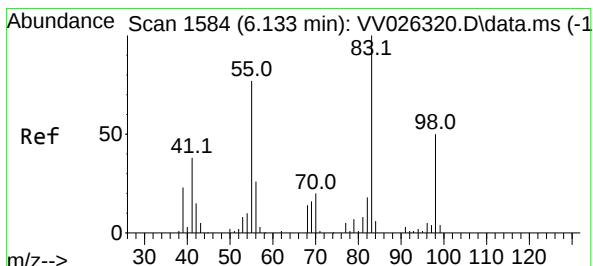
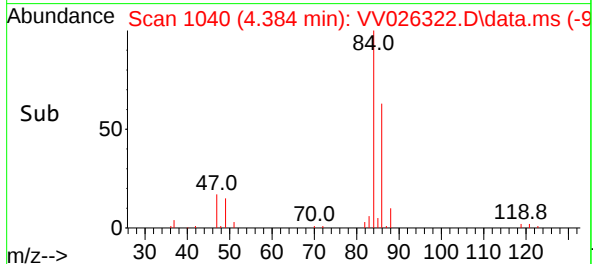
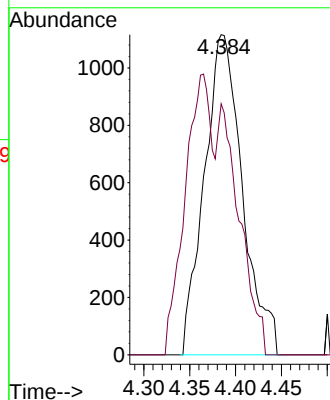
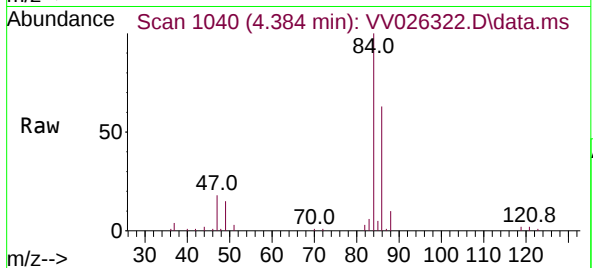
C0B79DL

Tgt Ion: 83 Resp: 3226

Ion Ratio Lower Upper

83 100

85 78.4 46.5 86.3



#35

Methylcyclohexane

Concen: 0.840 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026322.D

Acq: 16 Jun 2022 10:36

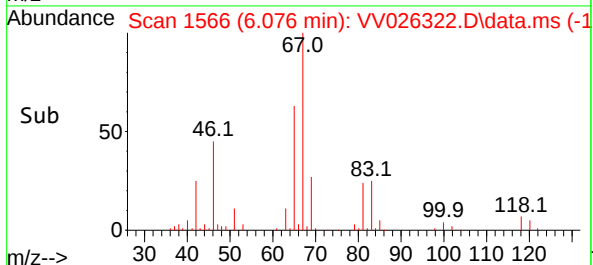
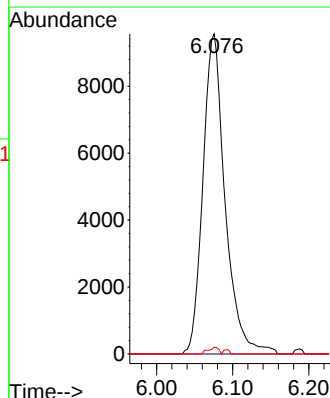
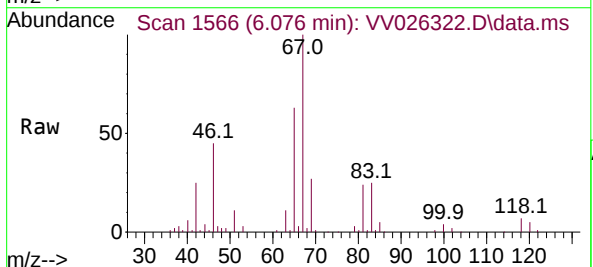
Tgt Ion: 83 Resp: 19370

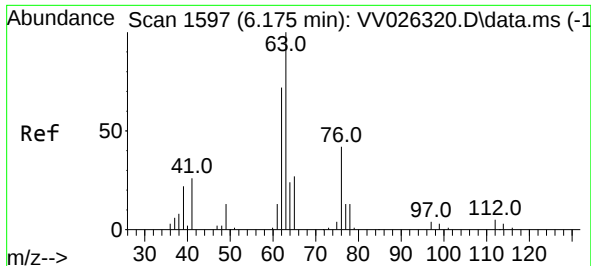
Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 1.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026322.D

Acq: 16 Jun 2022 10:36

Instrument :

MSVOA_V

ClientSampleId :

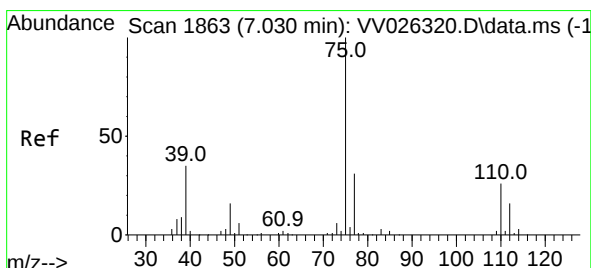
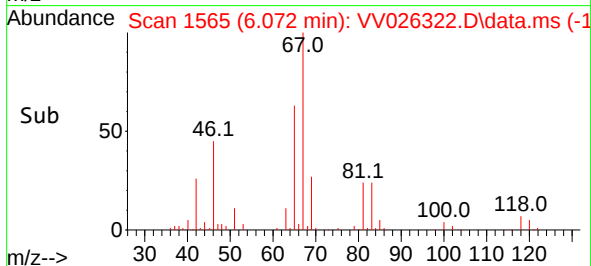
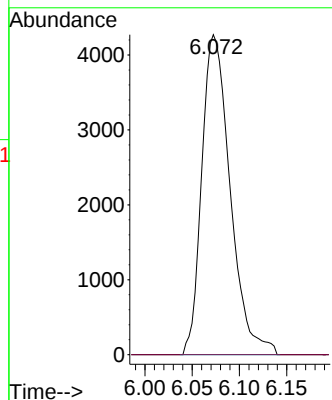
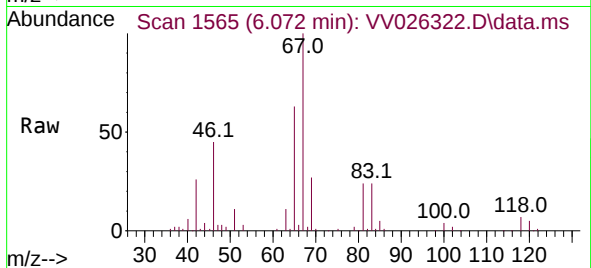
C0B79DL

Tgt Ion: 63 Resp: 8937

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026322.D

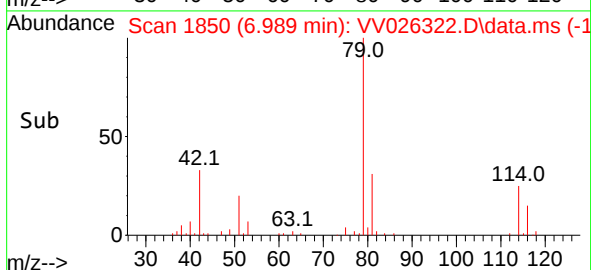
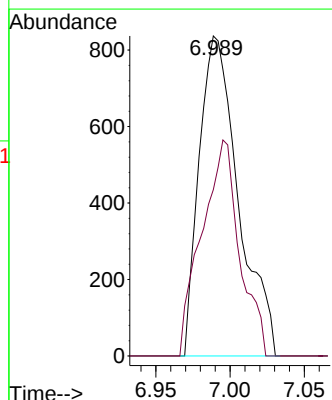
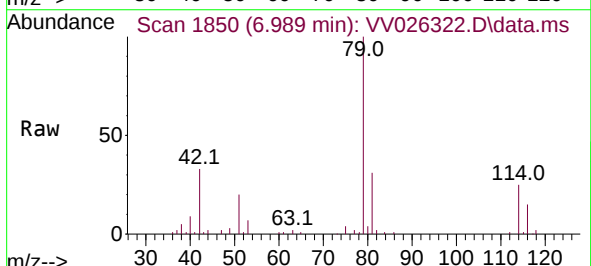
Acq: 16 Jun 2022 10:36

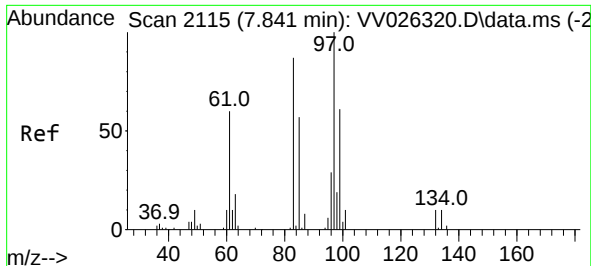
Tgt Ion: 75 Resp: 1540

Ion Ratio Lower Upper

75 100

77 52.0 23.0 42.6#





#45

1,1,2-Trichloroethane

Concen: 0.087 ug/L

RT: 7.976 min Scan# 2115

Delta R.T. 0.135 min

Lab File: VV026322.D

Acq: 16 Jun 2022 10:36

Instrument :

MSVOA_V

ClientSampleId :

C0B79DL

Tgt Ion: 97 Resp: 909

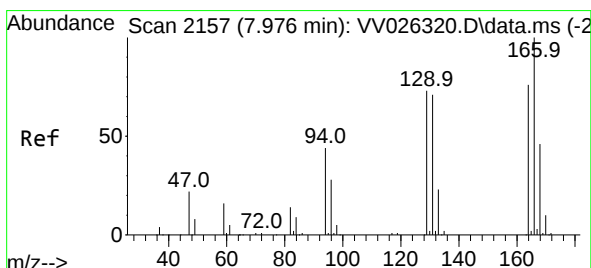
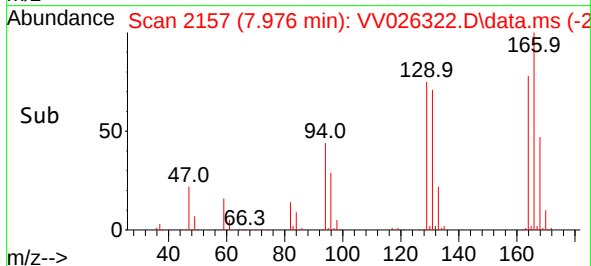
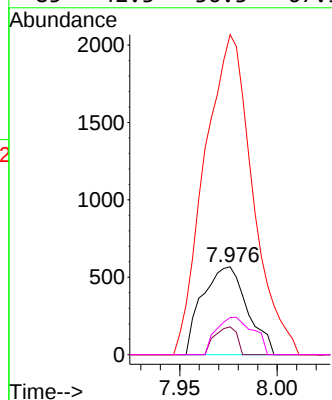
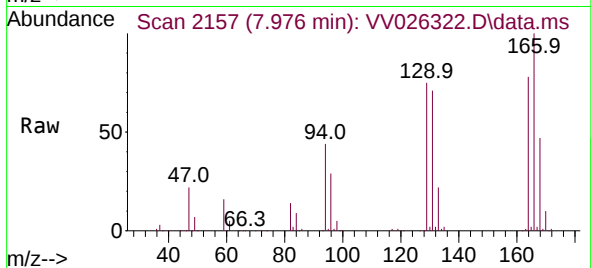
Ion Ratio Lower Upper

97 100

99 31.7 42.4 78.6#

83 364.6 56.1 104.1#

85 42.3 36.3 67.5



#47

Tetrachloroethene

Concen: 9.991 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026322.D

Acq: 16 Jun 2022 10:36

Tgt Ion:164 Resp: 123349

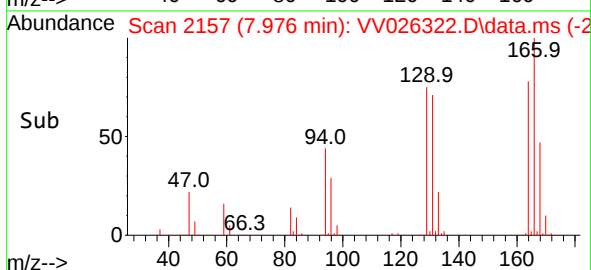
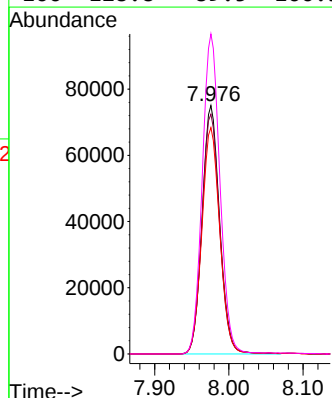
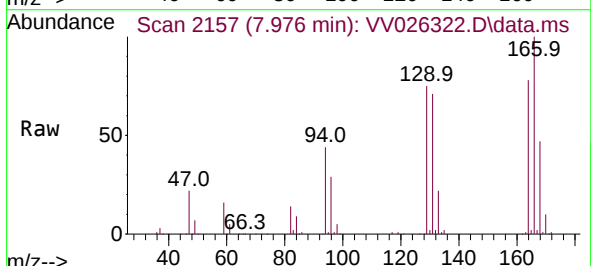
Ion Ratio Lower Upper

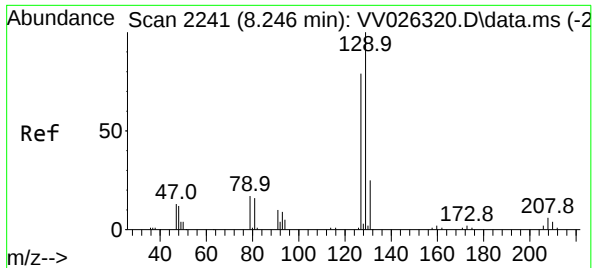
164 100

129 96.5 67.5 125.3

131 91.1 63.8 118.4

166 128.8 89.5 166.3





#49

Dibromochloromethane

Concen: 9.993 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026322.D

Acq: 16 Jun 2022 10:36

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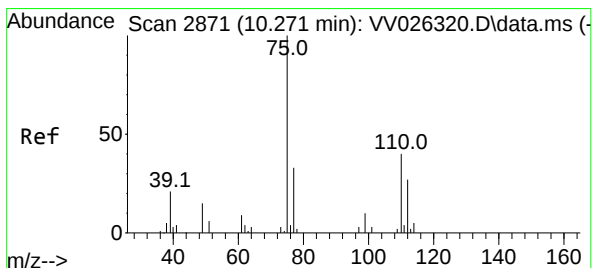
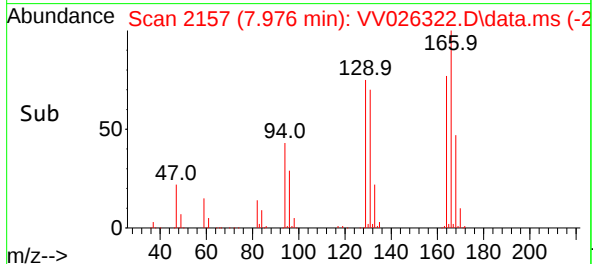
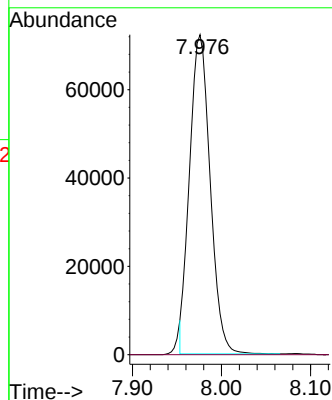
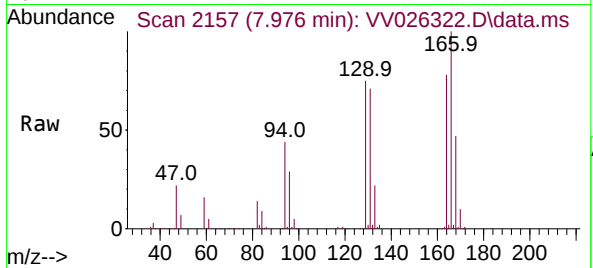
C0B79DL

Tgt Ion:129 Resp: 115986

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.823 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026322.D

Acq: 16 Jun 2022 10:36

Tgt Ion: 75 Resp: 11067

Ion Ratio Lower Upper

75 100

77 31.1 26.9 40.3

110 2.2 30.7 46.1#

