

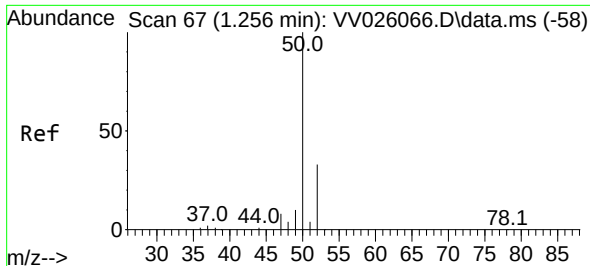
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060922\
 Data File : VV026082.D
 Acq On : 10 Jun 2022 02:55
 Operator : SY/MD
 Sample : N3272-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B66

Quant Time: Jun 10 05:47:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	163405	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173710	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	36978	3.855	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.200%	
7) Chloroethane-d5	1.584	69	46070	4.594	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.121	63	61849	2.791	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.800%#	
20) 2-Butanone-d5	3.918	46	72289	50.954	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.900%	
24) Chloroform-d	4.362	84	107965	5.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
26) 1,2-Dichloroethane-d4	5.043	65	44487	5.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.200%	
32) Benzene-d6	5.059	84	180954	4.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
36) 1,2-Dichloropropane-d6	6.075	67	65114	5.014	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.320	98	138476	3.733	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
43) trans-1,3-Dichloroprop...	7.628	79	14561	3.808	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.091	63	71468	42.477	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.960%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48558	5.546	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	60580	5.209	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1858	0.103	ug/L	96
5) Vinyl chloride	1.323	62	771	0.041	ug/L #	20
9) Trichlorofluoromethane	1.767	101	1066	0.044	ug/L	96
14) Carbon disulfide	2.310	76	4854	0.129	ug/L	96
22) cis-1,2-Dichloroethene	3.941	96	537	0.044	ug/L #	48
34) Trichloroethene	5.918	95	391001	27.415	ug/L	99
35) Methylcyclohexane	6.079	83	15487	0.704	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	6800	0.514	ug/L #	87
47) Tetrachloroethene	7.979	164	15082	1.366	ug/L	92
49) Dibromochloromethane	7.979	129	13809	1.472	ug/L #	9
53) m,p-Xylene	9.149	106	1973	0.085	ug/L	95
61) 1,2,3-Trichloropropane	10.008	75	33801	5.697	ug/L #	42
64) 1,3-Dichlorobenzene	11.271	146	3553	0.148	ug/L #	78

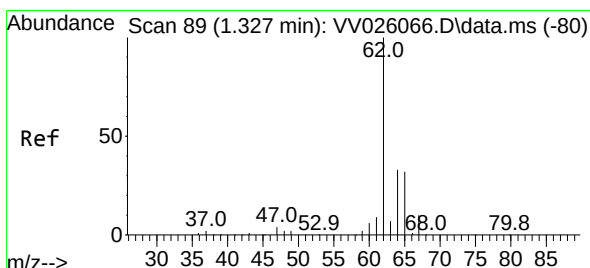
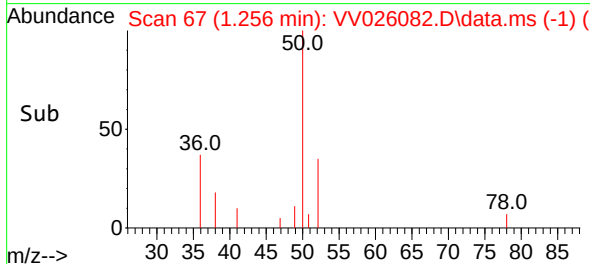
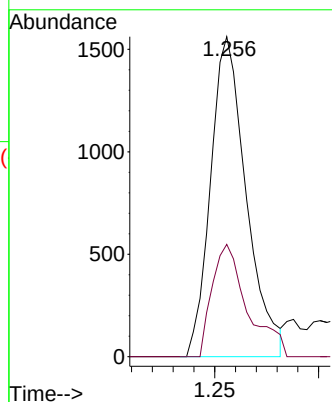
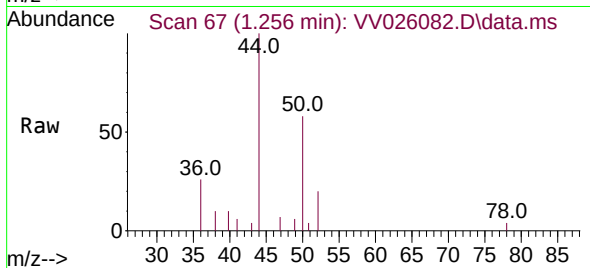
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.103 ug/L
RT: 1.256 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026082.D
Acq: 10 Jun 2022 02:55

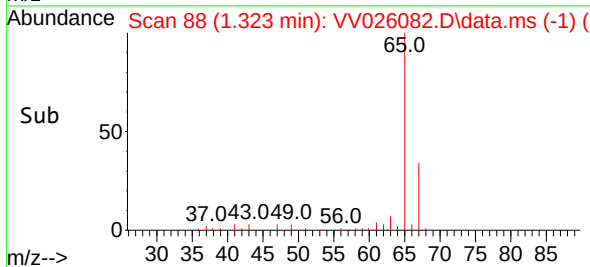
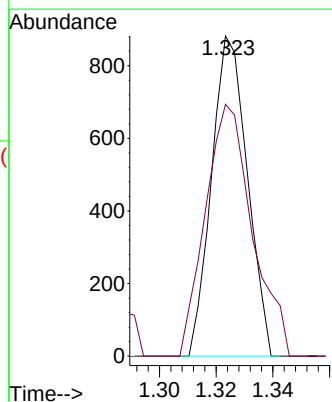
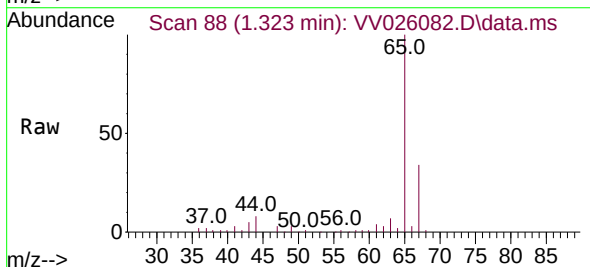
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MSVOA_V
ClientSampleId :
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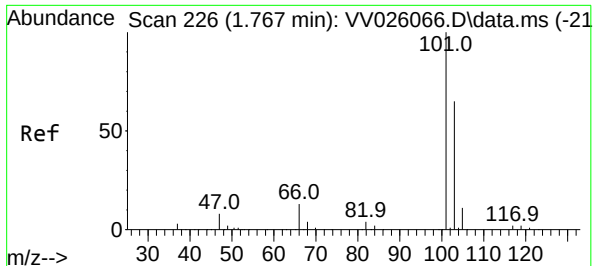
Tgt Ion: 50 Resp: 1858
Ion Ratio Lower Upper
50 100
52 35.1 23.0 42.6



#5
Vinyl chloride
Concen: 0.041 ug/L
RT: 1.323 min Scan# 88
Delta R.T. -0.003 min
Lab File: VV026082.D
Acq: 10 Jun 2022 02:55

Tgt Ion: 62 Resp: 771
Ion Ratio Lower Upper
62 100
64 78.7 23.4 43.4#

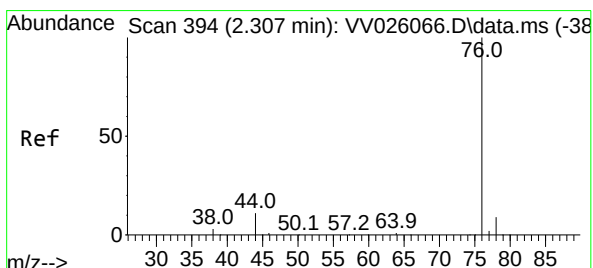
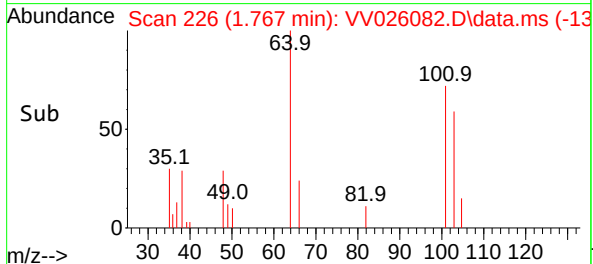
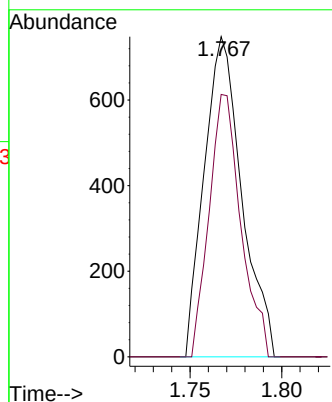
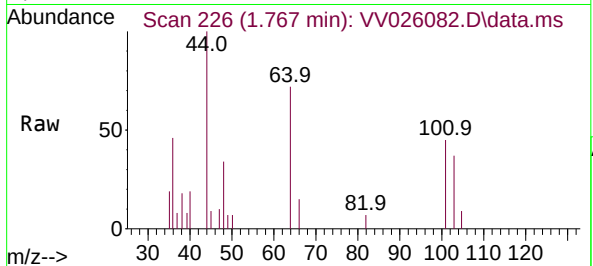




#9
Trichlorofluoromethane
Concen: 0.044 ug/L
RT: 1.767 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026082.D
Acq: 10 Jun 2022 02:55

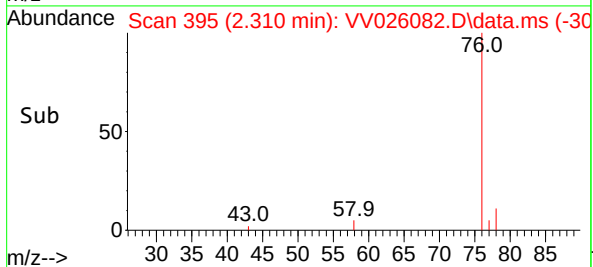
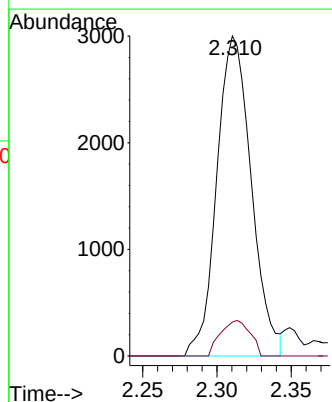
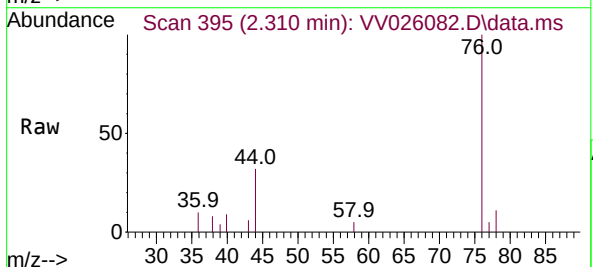
Instrument :
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ClientSampleId :
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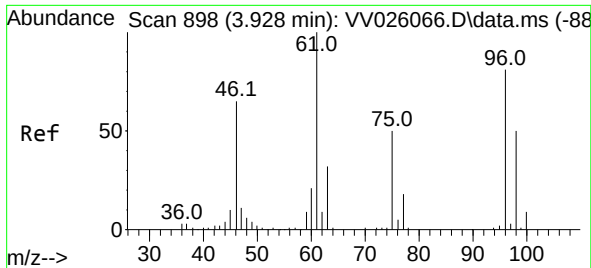
Tgt Ion:101 Resp: 1066
Ion Ratio Lower Upper
101 100
103 69.2 52.6 78.8



#14
Carbon disulfide
Concen: 0.129 ug/L
RT: 2.310 min Scan# 395
Delta R.T. 0.003 min
Lab File: VV026082.D
Acq: 10 Jun 2022 02:55

Tgt Ion: 76 Resp: 4854
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0

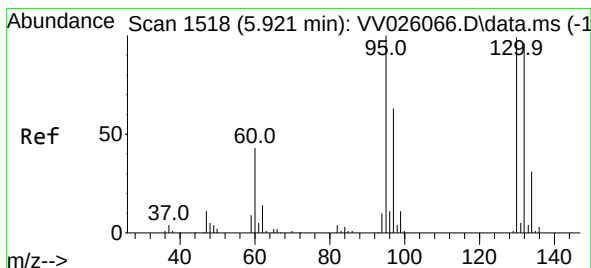
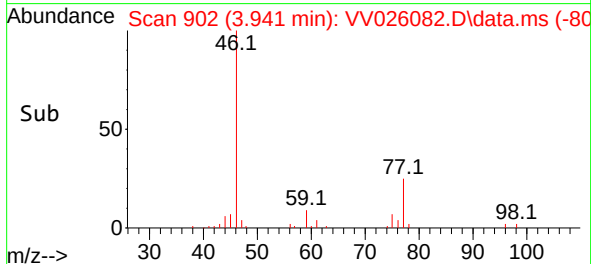
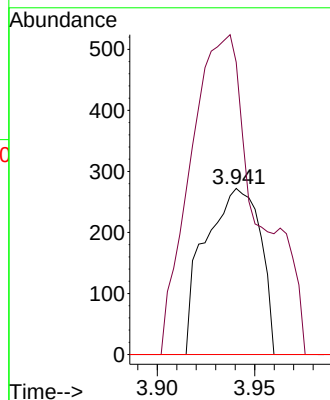
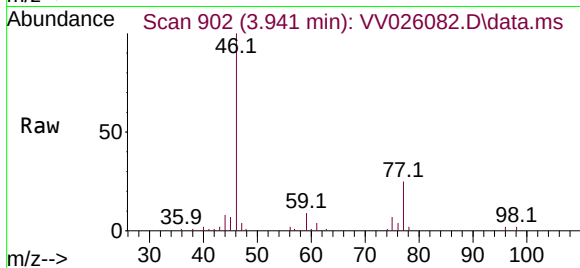




#22
 cis-1,2-Dichloroethene
 Concen: 0.044 ug/L
 RT: 3.941 min Scan# 90
 Delta R.T. 0.013 min
 Lab File: VV026082.D
 Acq: 10 Jun 2022 02:55

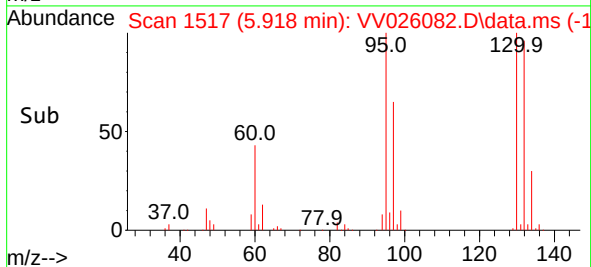
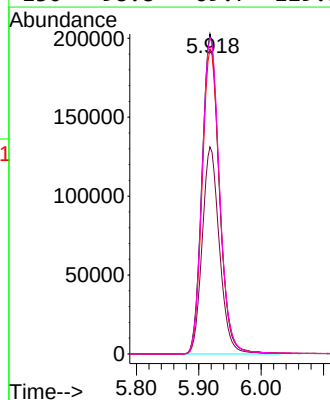
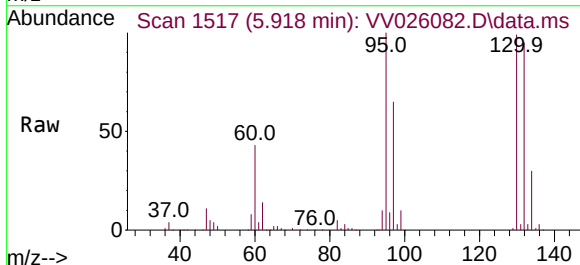
Instrument :
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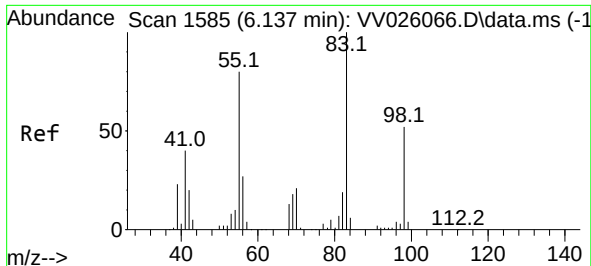
Tgt Ion: 96 Resp: 537
 Ion Ratio Lower Upper
 96 100
 61 176.1 83.1 154.3#
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 27.415 ug/L
 RT: 5.918 min Scan# 1517
 Delta R.T. -0.003 min
 Lab File: VV026082.D
 Acq: 10 Jun 2022 02:55

Tgt Ion: 95 Resp: 391001
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.0 81.6
 132 95.3 67.5 125.4
 130 98.8 69.7 129.5

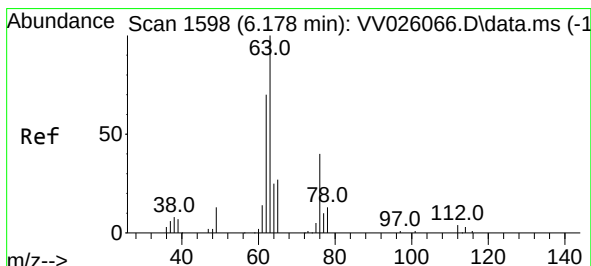
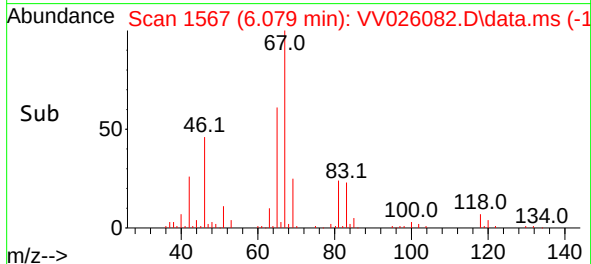
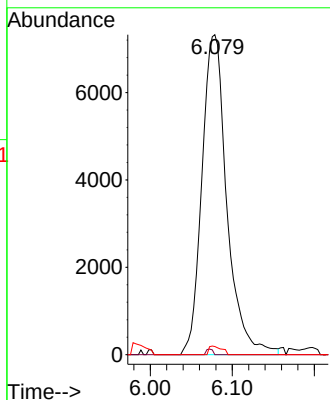
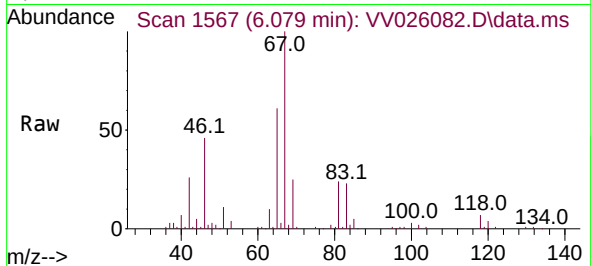




#35
Methylcyclohexane
Concen: 0.704 ug/L
RT: 6.079 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026082.D
Acq: 10 Jun 2022 02:55

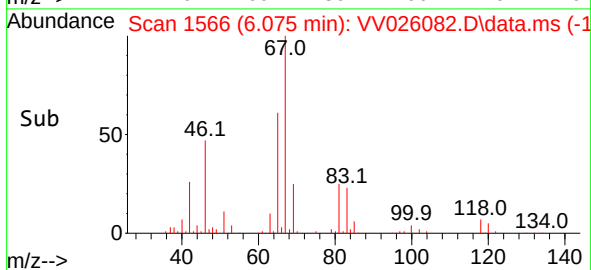
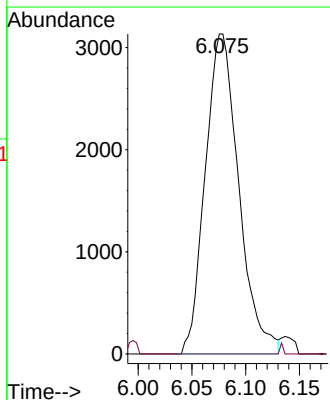
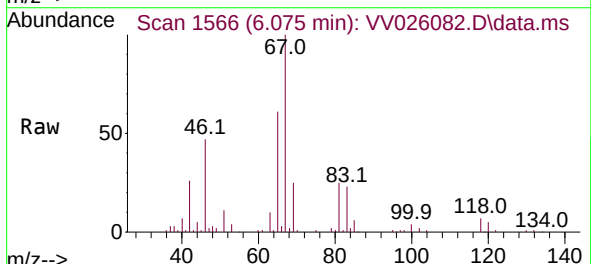
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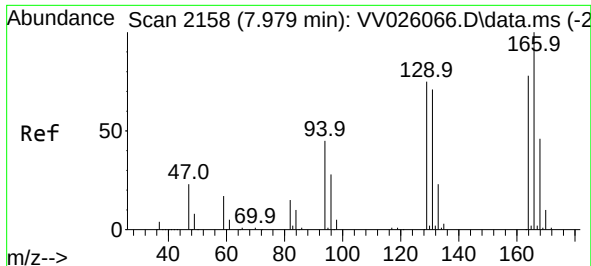
Tgt Ion: 83 Resp: 15487
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 0.0 38.9 58.3#



#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026082.D
Acq: 10 Jun 2022 02:55

Tgt Ion: 63 Resp: 6800
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#





#47

Tetrachloroethene

Concen: 1.366 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV026082.D

Acq: 10 Jun 2022 02:55

Instrument :

MSVOA_V

ClientSampleId :

C0B66

Tgt Ion:164 Resp: 15082

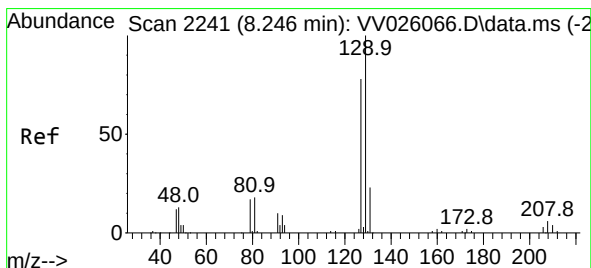
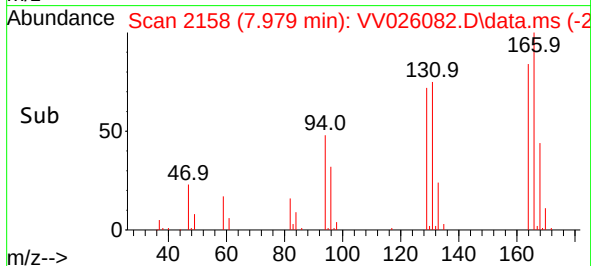
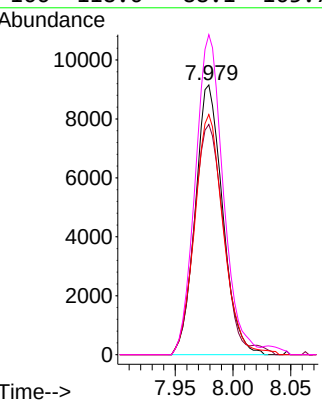
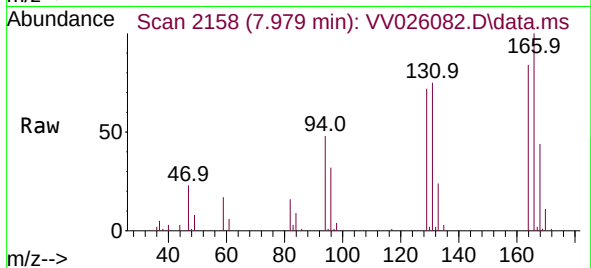
Ion Ratio Lower Upper

164 100

129 85.3 68.3 126.9

131 89.0 66.5 123.5

166 118.6 88.1 163.7



#49

Dibromochloromethane

Concen: 1.472 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026082.D

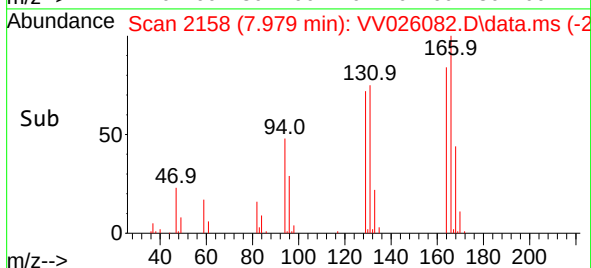
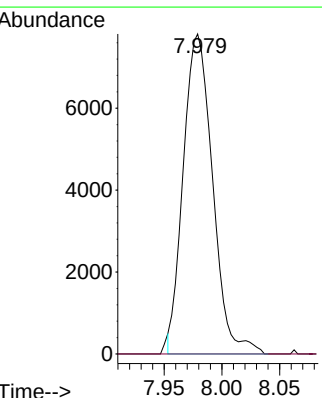
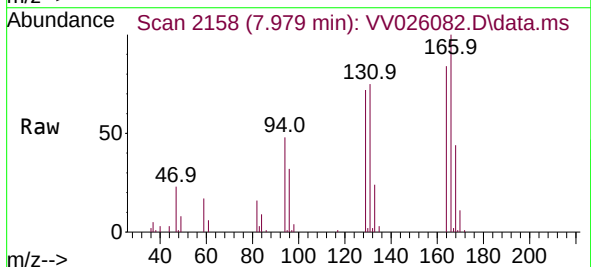
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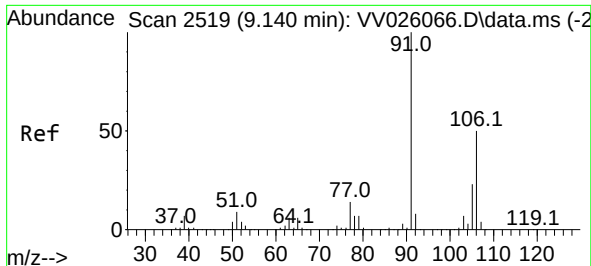
Tgt Ion:129 Resp: 13809

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#

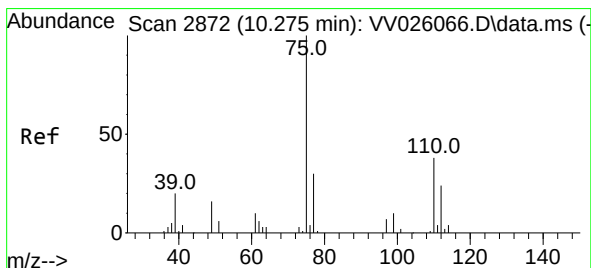
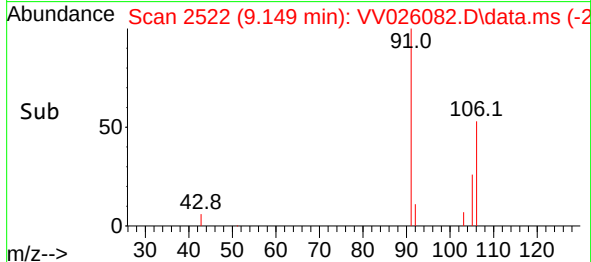
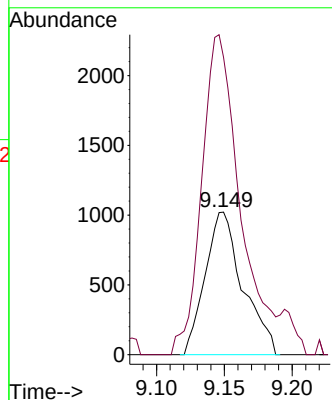
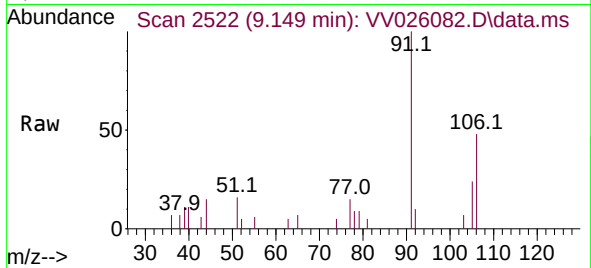




#53
m,p-Xylene
Concen: 0.085 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV026082.D
Acq: 10 Jun 2022 02:55

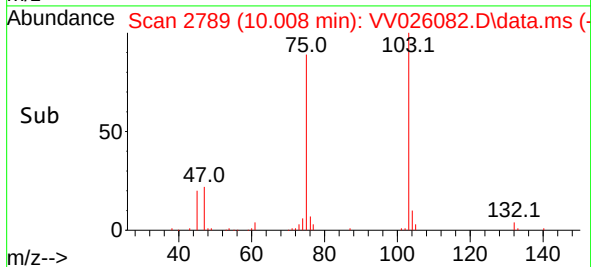
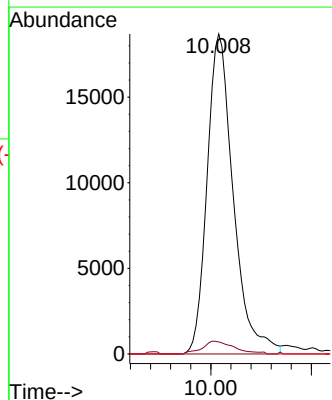
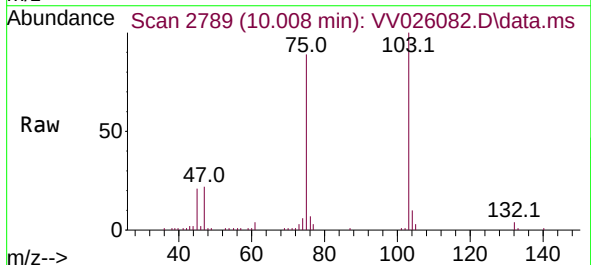
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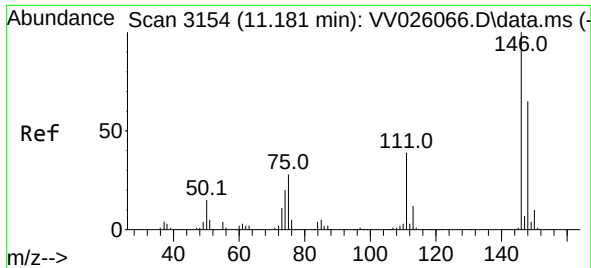
Tgt Ion:106 Resp: 1973
Ion Ratio Lower Upper
106 100
91 208.6 140.4 260.8



#61
1,2,3-Trichloropropane
Concen: 5.697 ug/L
RT: 10.008 min Scan# 2789
Delta R.T. -0.267 min
Lab File: VV026082.D
Acq: 10 Jun 2022 02:55

Tgt Ion: 75 Resp: 33801
Ion Ratio Lower Upper
75 100
77 4.9 26.6 40.0#
110 0.0 32.0 48.0#





#64

1,3-Dichlorobenzene

Concen: 0.148 ug/L

RT: 11.271 min Scan# 31

Delta R.T. 0.090 min

Lab File: VV026082.D

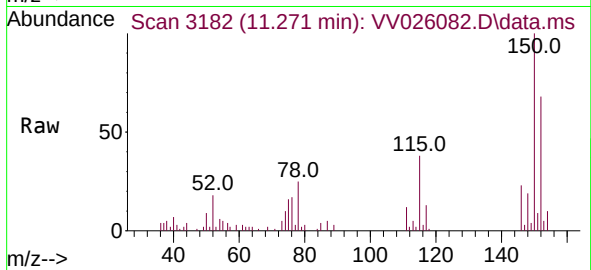
Acq: 10 Jun 2022 02:55

Instrument :

MSVOA_V

ClientSampleId :

C0B66



Tgt Ion:146 Resp: 3553

Ion Ratio Lower Upper

146 100

111 51.2 27.9 51.9

148 81.6 43.6 81.0#

