

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061222\
 Data File : VW026190.D
 Acq On : 13 Jun 2022 03:04
 Operator : SY/MD
 Sample : N3278-14 200X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 06:40:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:52:24 2022
 Response via : Initial Calibration

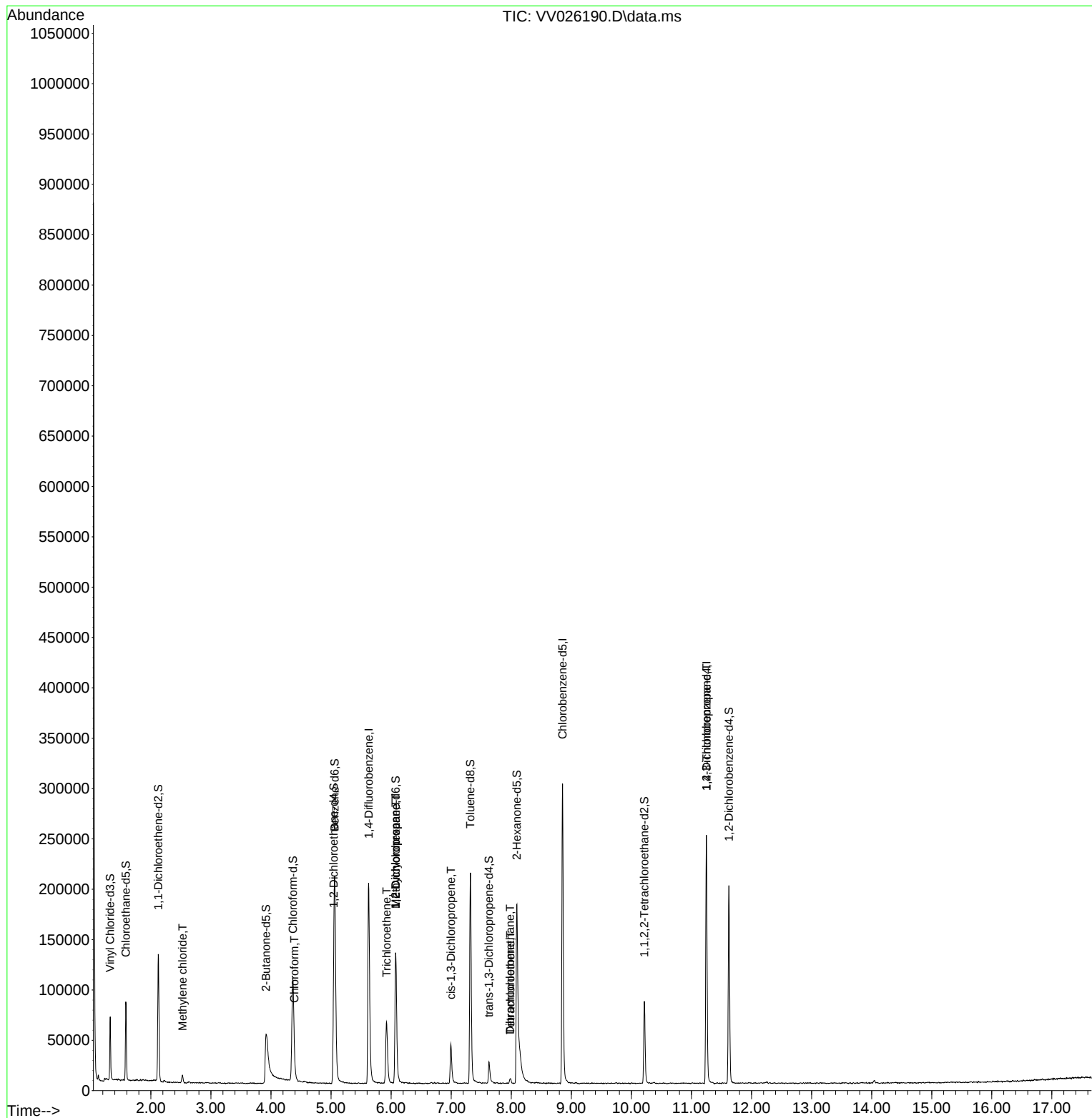
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	180021	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	171234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	39734	1.688	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	33.800%#	
7) Chloroethane-d5	1.584	69	49031	2.644	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	52.800%#	
11) 1,1-Dichloroethene-d2	2.124	63	66690	1.762	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	35.200%#	
20) 2-Butanone-d5	3.915	46	76587	43.606	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.220%	
24) Chloroform-d	4.365	84	108728	3.257	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	65.200%#	
26) 1,2-Dichloroethane-d4	5.043	65	48140	3.576	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.600%	
32) Benzene-d6	5.059	84	194526	2.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	58.200%#	
36) 1,2-Dichloropropane-d6	6.075	67	66856	3.473	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	69.400%	
41) Toluene-d8	7.320	98	144194	2.426	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	48.600%#	
43) trans-1,3-Dichloroprop...	7.628	79	13660	2.351	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	47.000%#	
46) 2-Hexanone-d5	8.091	63	72161	39.887	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41083	3.582	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	71.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	52715	3.509	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	70.200%#	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.526	84	3310	0.233	ug/L	93
25) Chloroform	4.391	83	2227	0.084	ug/L	86
34) Trichloroethene	5.924	95	21402	1.530	ug/L	98
35) Methylcyclohexane	6.075	83	15626	0.826	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	7219	0.538	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	1029	0.069	ug/L	95
47) Tetrachloroethene	7.985	164	1289	0.128	ug/L	80
49) Dibromochloromethane	7.982	129	1096	0.119	ug/L #	13
61) 1,2,3-Trichloropropane	11.249	75	7831	1.523	ug/L #	65

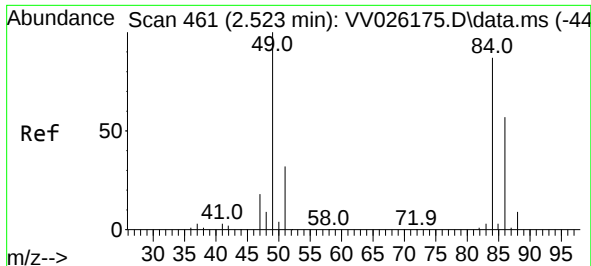
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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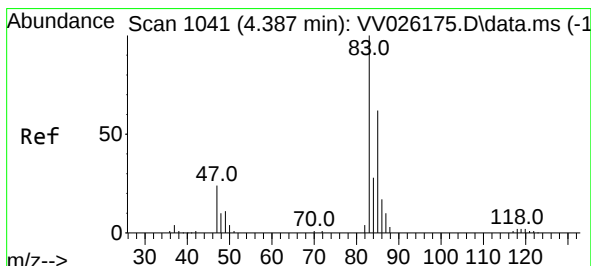
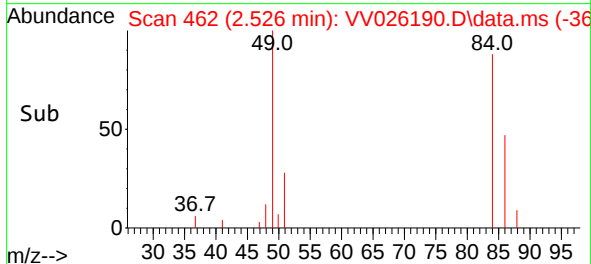
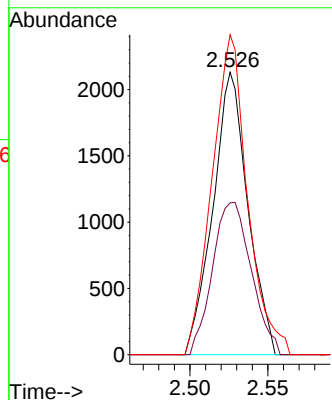
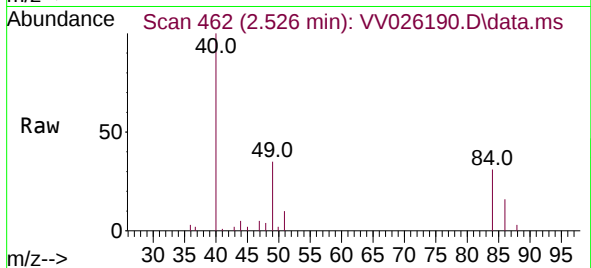




#16
Methylene chloride
Concen: 0.233 ug/L
RT: 2.526 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV026190.D
Acq: 13 Jun 2022 03:04

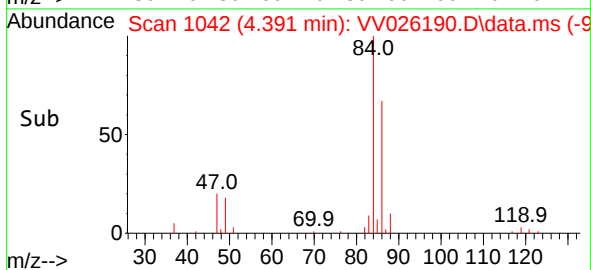
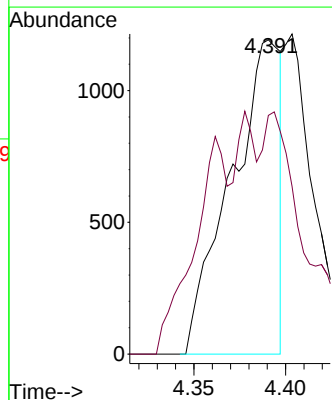
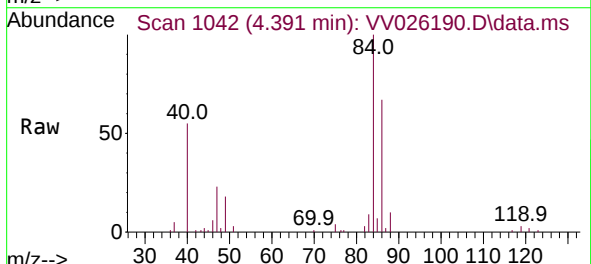
Instrument :
MSVOA_V
ClientSampleId :

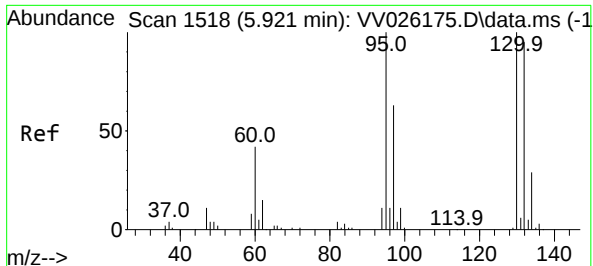
Tgt Ion: 84 Resp: 3310
Ion Ratio Lower Upper
84 100
86 53.8 45.1 83.7
49 113.3 82.3 152.9



#25
Chloroform
Concen: 0.084 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.003 min
Lab File: VV026190.D
Acq: 13 Jun 2022 03:04

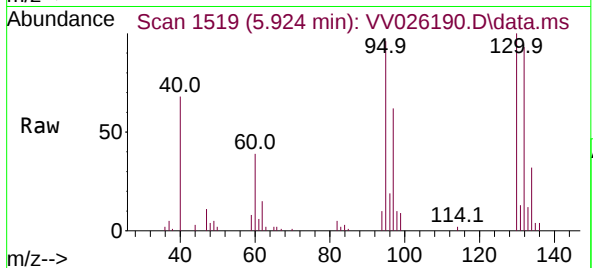
Tgt Ion: 83 Resp: 2227
Ion Ratio Lower Upper
83 100
85 75.9 45.3 84.1



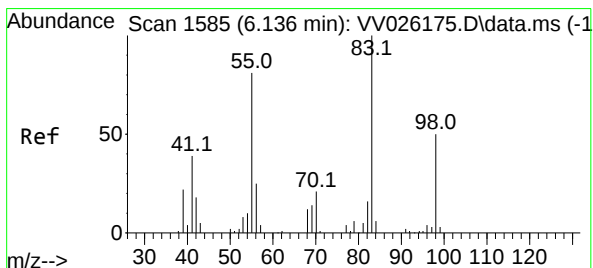
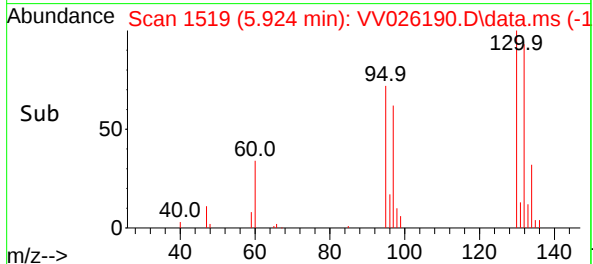
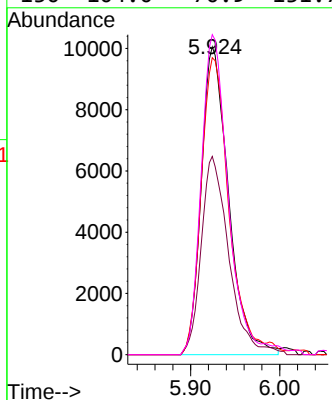


#34
Trichloroethene
Concen: 1.530 ug/L
RT: 5.924 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026190.D
Acq: 13 Jun 2022 03:04

Instrument :
MSVOA_V
ClientSampleId :

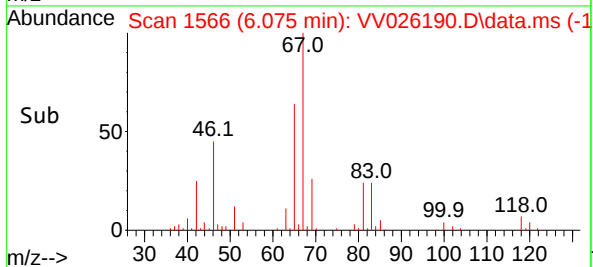
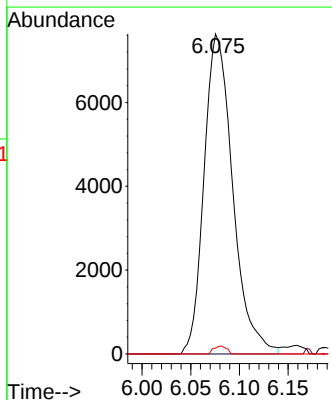
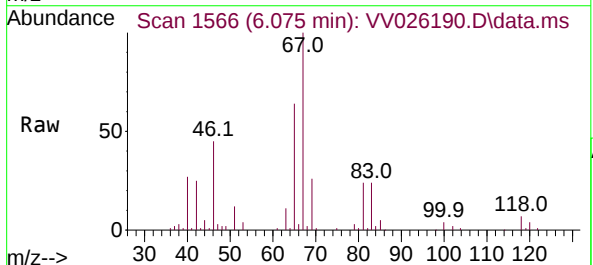


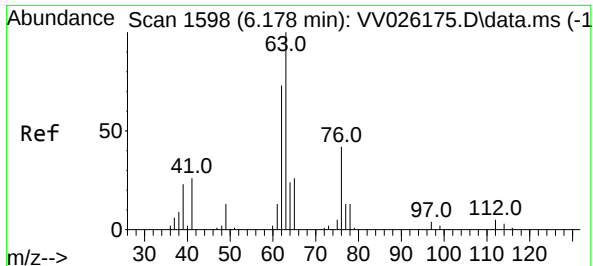
Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.4	43.3	80.3
132	96.5	67.5	125.4
130	104.0	70.9	131.7



#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026190.D
Acq: 13 Jun 2022 03:04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.5	89.3#
98	1.1	38.4	57.6#





#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026190.D

Acq: 13 Jun 2022 03:04

Instrument :

MSVOA_V

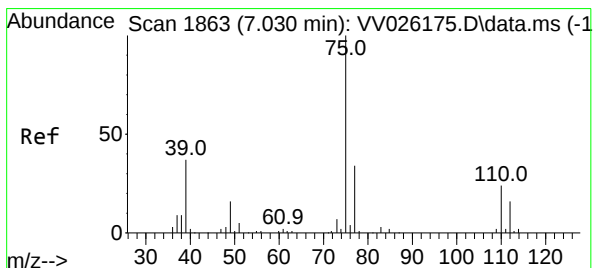
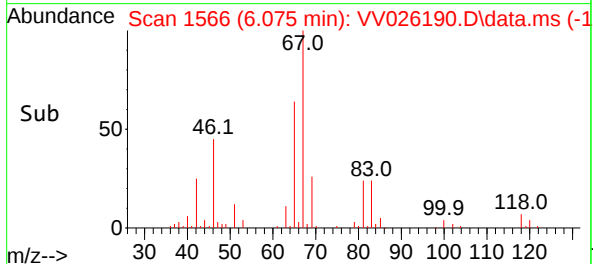
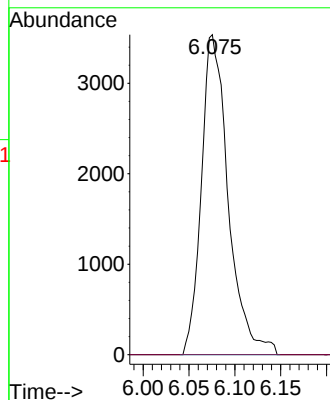
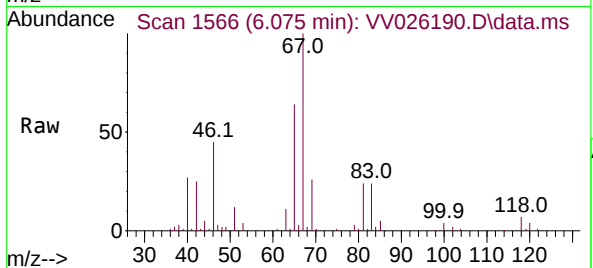
ClientSampleId :

Tgt Ion: 63 Resp: 7219

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV026190.D

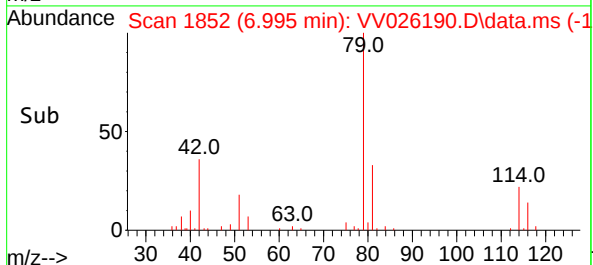
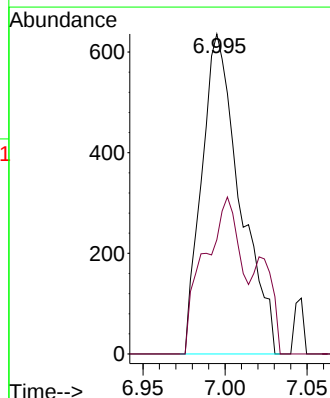
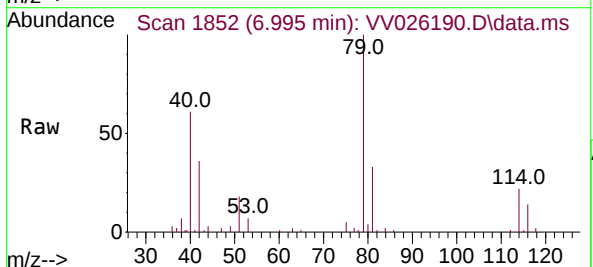
Acq: 13 Jun 2022 03:04

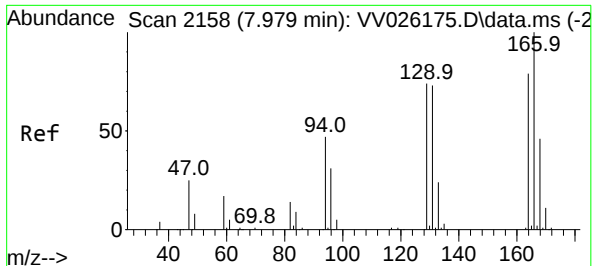
Tgt Ion: 75 Resp: 1029

Ion Ratio Lower Upper

75 100

77 35.7 22.9 42.5





#47

Tetrachloroethene

Concen: 0.128 ug/L

RT: 7.985 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV026190.D

Acq: 13 Jun 2022 03:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 1289

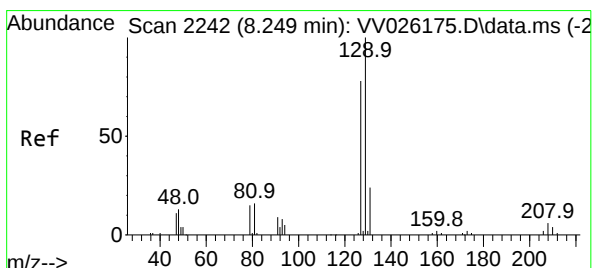
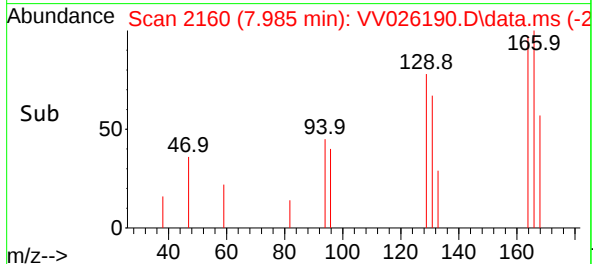
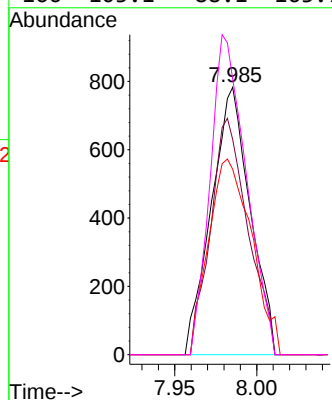
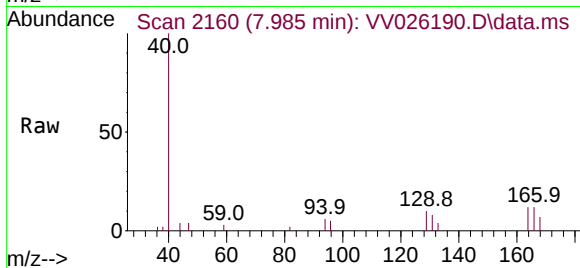
Ion Ratio Lower Upper

164 100

129 80.5 66.1 122.7

131 69.3 65.0 120.6

166 103.1 88.1 163.7



#49

Dibromochloromethane

Concen: 0.119 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.267 min

Lab File: VV026190.D

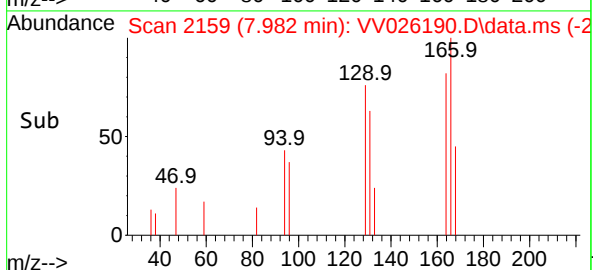
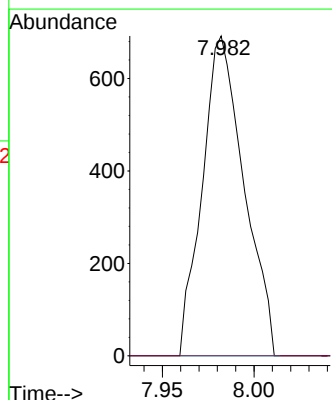
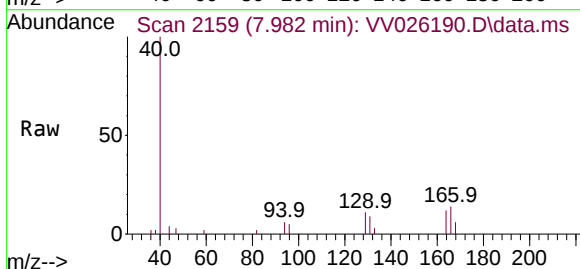
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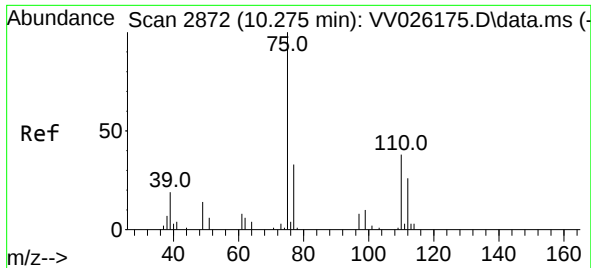
Tgt Ion:129 Resp: 1096

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#





#61

1,2,3-Trichloropropane

Concen: 1.523 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

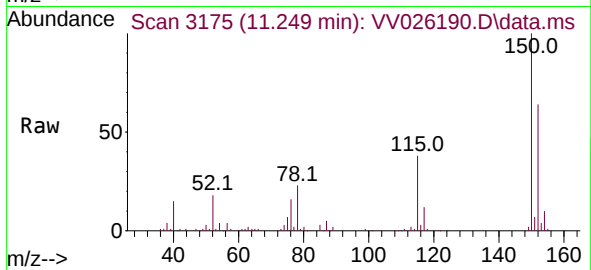
Lab File: VV026190.D

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Tgt Ion: 75 Resp: 7831

Ion Ratio Lower Upper

75 100

77 33.3 27.8 41.8

110 2.0 33.0 49.4#

