

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026866.D
 Acq On : 21 Jul 2022 11:36
 Operator : SY/MD
 Sample : N3802-03DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHW8DL

Quant Time: Jul 22 05:54:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

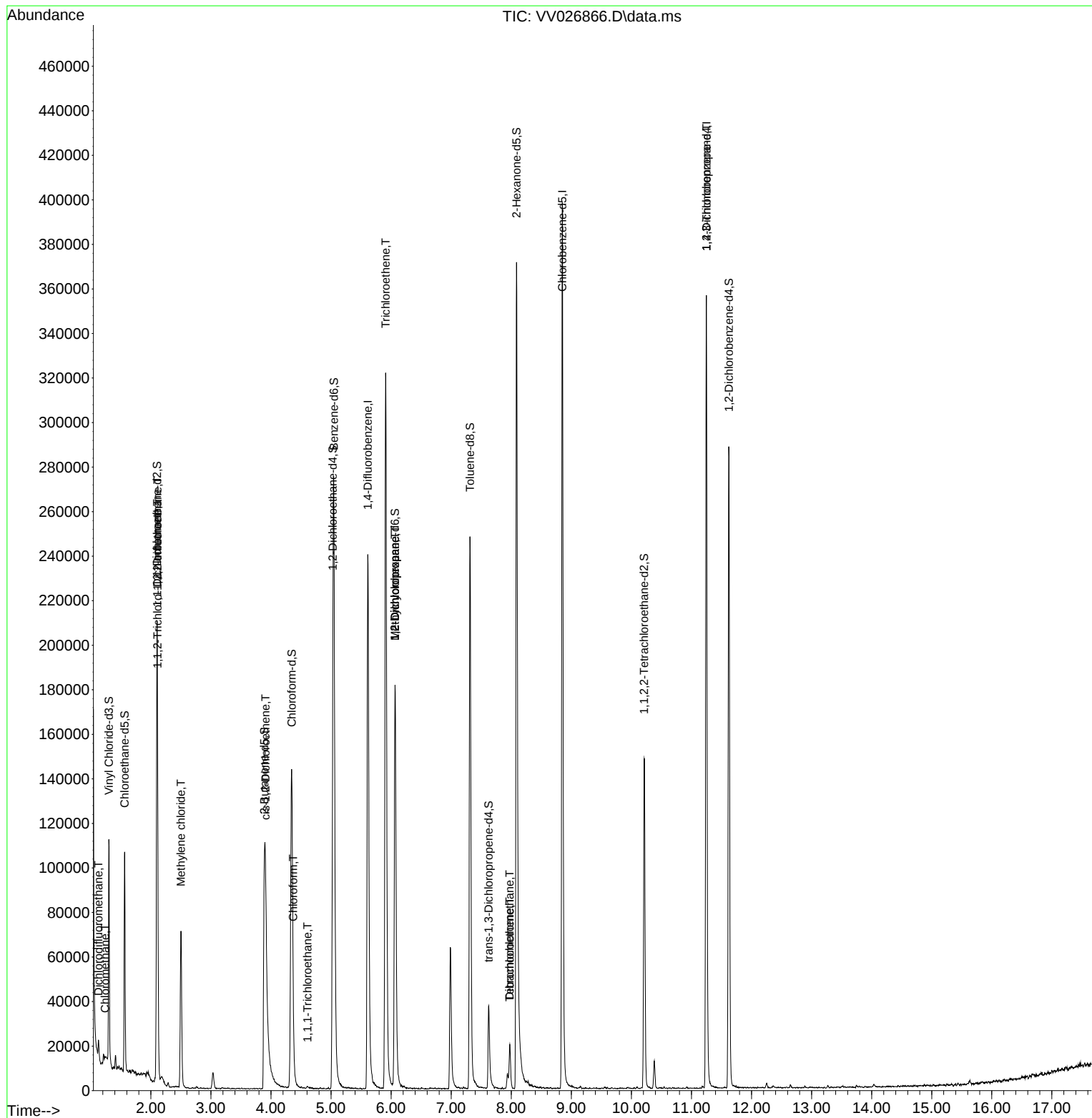
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	219373	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	230630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	61681	3.082	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.564	69	64536	3.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.101	63	86550	2.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.000%#
20) 2-Butanone-d5	3.889	46	187422	60.004	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.000%
24) Chloroform-d	4.346	84	160099	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.030	65	73763	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.046	84	257786	3.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	6.066	67	95204	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.313	98	181475	2.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.400%#
43) trans-1,3-Dichloroprop...	7.622	79	25579	3.721	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.088	63	134034	45.032	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.060%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	76526	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	77656	4.528	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	2537	0.091	ug/L	94
3) Chloromethane	1.236	50	1119	0.042	ug/L #	71
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	21271	1.072	ug/L	98
12) 1,1-Dichloroethene	2.108	96	2745	0.143	ug/L #	1
16) Methylene chloride	2.500	84	31160	1.360	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	16870	0.946	ug/L	100
25) Chloroform	4.368	83	3135	0.093	ug/L	79
29) 1,1,1-Trichloroethane	4.609	97	643	0.021	ug/L #	30
34) Trichloroethene	5.908	95	117895	6.221	ug/L	98
35) Methylcyclohexane	6.066	83	23043	0.797	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	10205	0.553	ug/L #	84
47) Tetrachloroethene	7.972	164	4654	0.313	ug/L	90
49) Dibromochloromethane	7.976	129	4610	0.297	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	11720	1.291	ug/L #	67

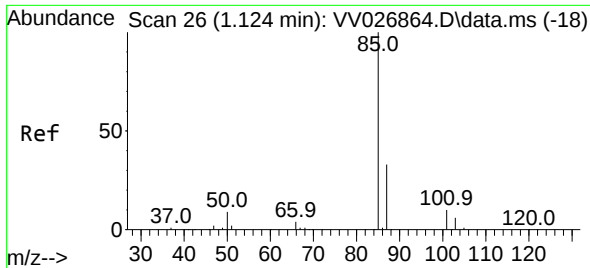
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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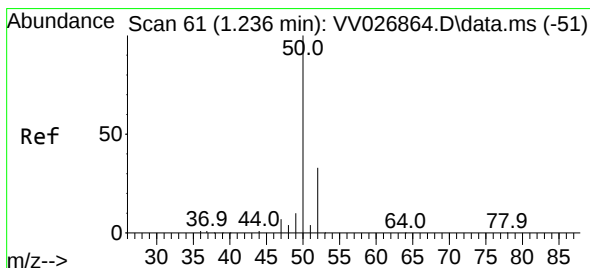
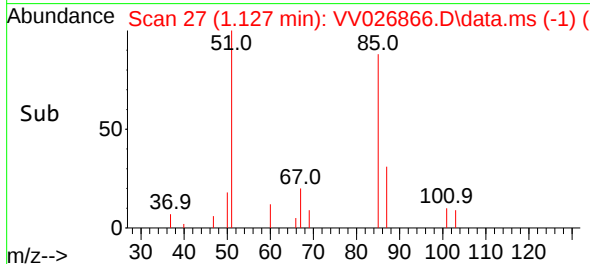
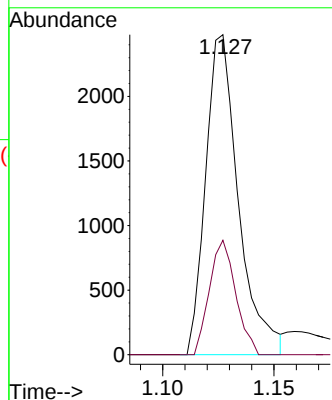
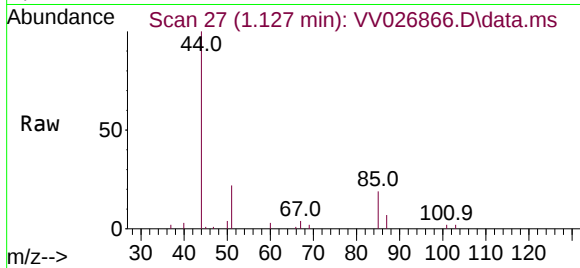




#2
 Dichlorodifluoromethane
 Concen: 0.091 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026866.D
 Acq: 21 Jul 2022 11:36

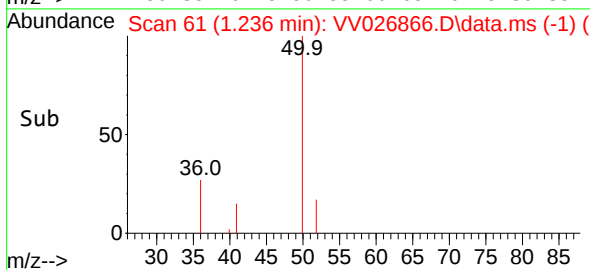
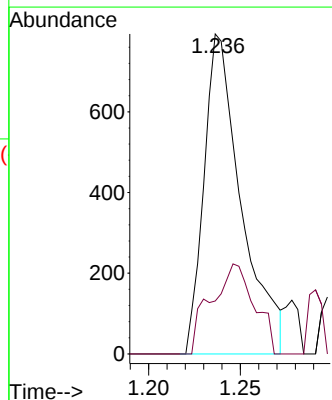
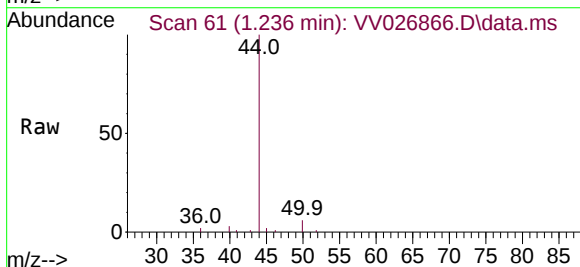
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHW8DL

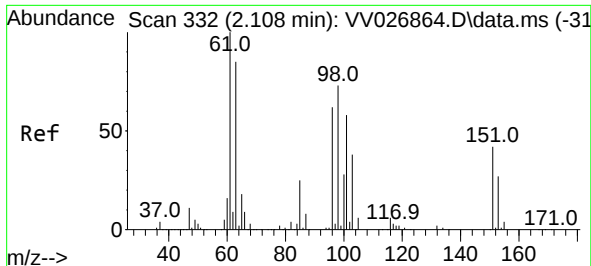
Tgt Ion: 85 Resp: 2537
 Ion Ratio Lower Upper
 85 100
 87 28.7 25.8 38.8



#3
 Chloromethane
 Concen: 0.042 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV026866.D
 Acq: 21 Jul 2022 11:36

Tgt Ion: 50 Resp: 1119
 Ion Ratio Lower Upper
 50 100
 52 16.5 22.8 42.4#

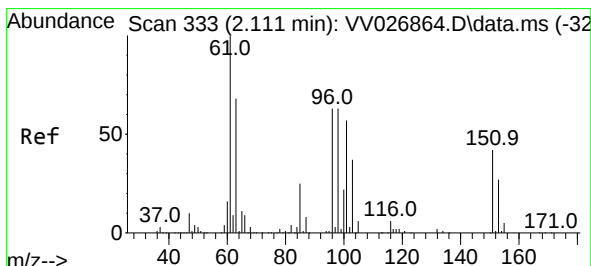
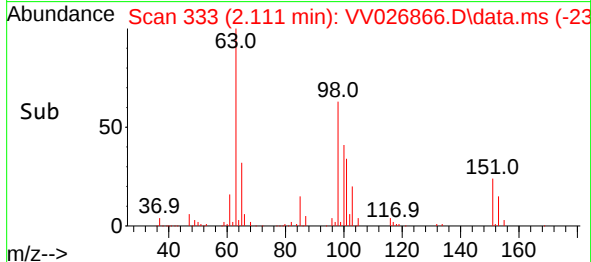
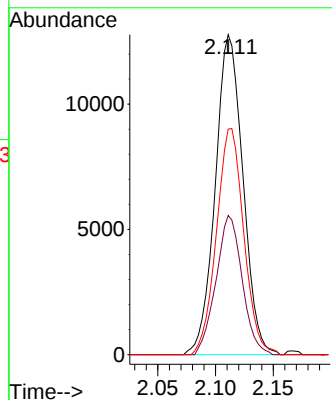
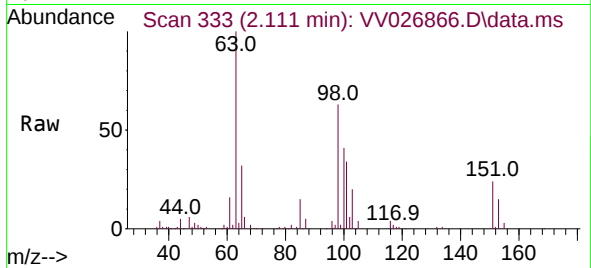




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.072 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV026866.D
Acq: 21 Jul 2022 11:36

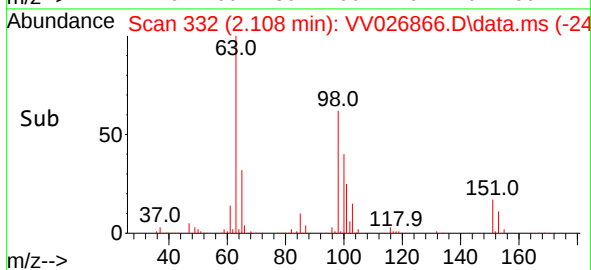
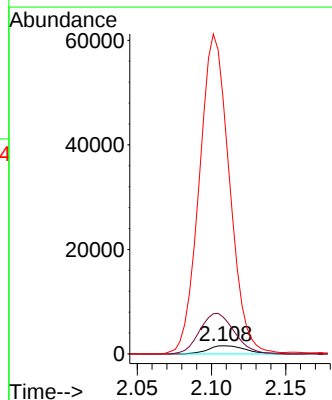
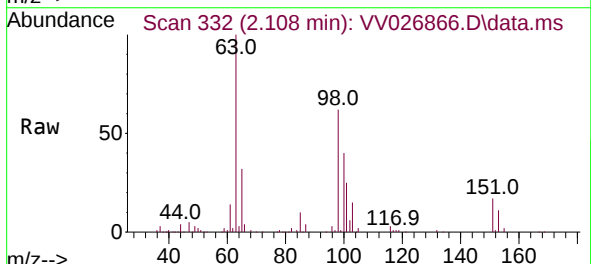
Instrument :
MSVOA_V
ClientSampleId :
GBHW8DL

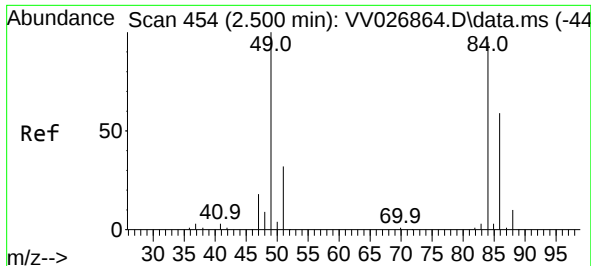
Tgt Ion:101 Resp: 21271
Ion Ratio Lower Upper
101 100
85 41.1 35.0 52.4
151 69.8 56.7 85.1



#12
1,1-Dichloroethene
Concen: 0.143 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV026866.D
Acq: 21 Jul 2022 11:36

Tgt Ion: 96 Resp: 2745
Ion Ratio Lower Upper
96 100
61 455.6 118.3 219.7#
63 3151.9 79.9 148.3#

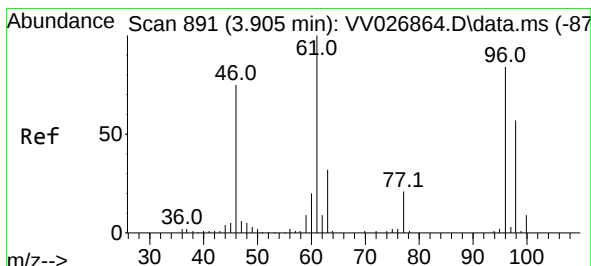
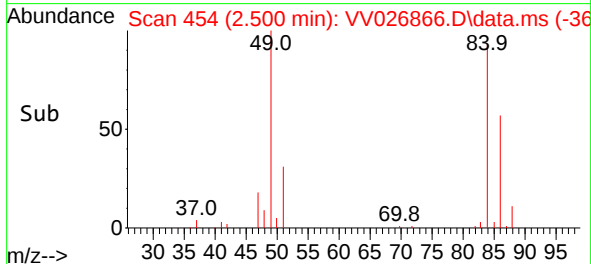
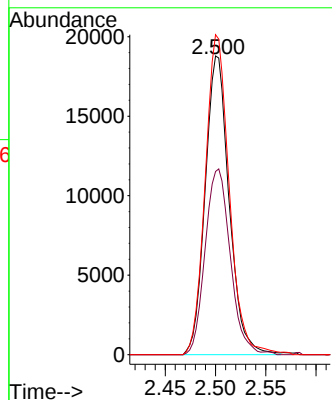
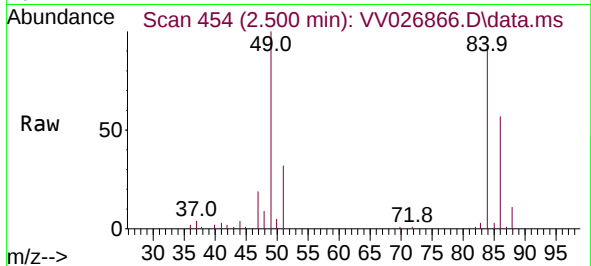




#16
Methylene chloride
Concen: 1.360 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026866.D
Acq: 21 Jul 2022 11:36

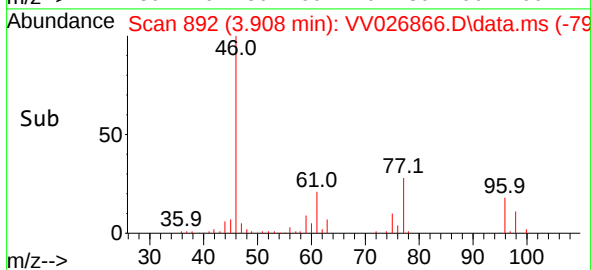
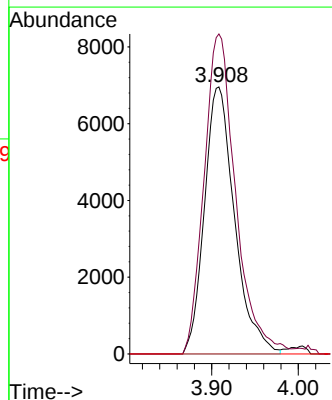
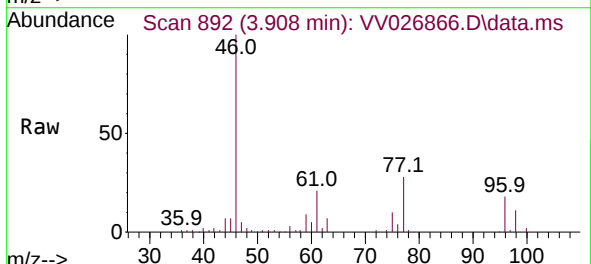
Instrument :
MSVOA_V
ClientSampleId :
GBHW8DL

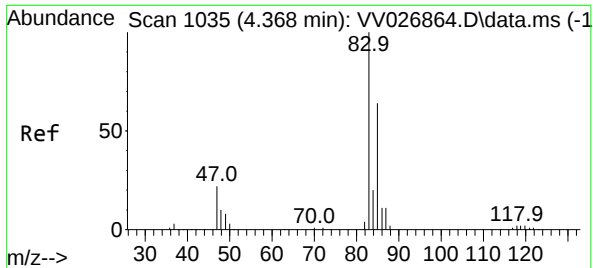
Tgt Ion: 84 Resp: 31160
Ion Ratio Lower Upper
84 100
86 61.3 44.8 83.2
49 107.1 78.7 146.1



#22
cis-1,2-Dichloroethene
Concen: 0.946 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV026866.D
Acq: 21 Jul 2022 11:36

Tgt Ion: 96 Resp: 16870
Ion Ratio Lower Upper
96 100
61 119.8 83.9 155.9
68 0.0 0.0 0.0

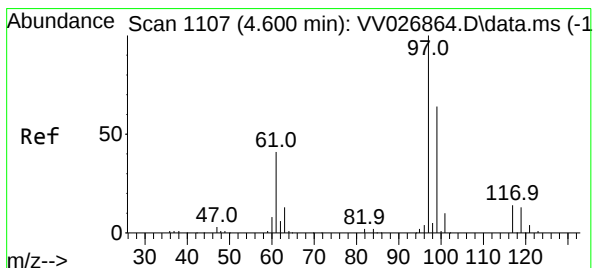
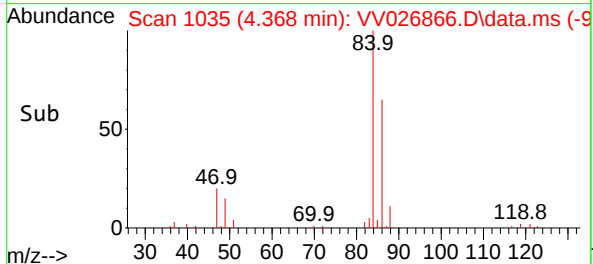
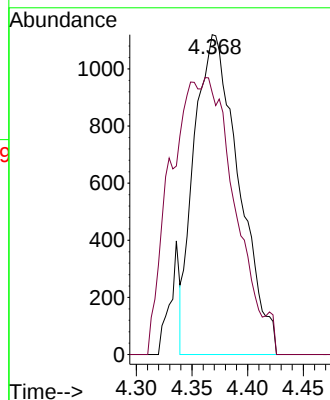
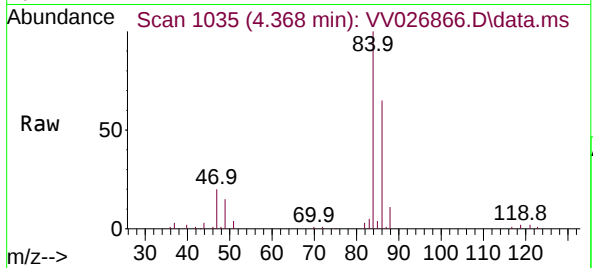




#25
Chloroform
Concen: 0.093 ug/L
RT: 4.368 min Scan# 110
Delta R.T. -0.000 min
Lab File: VV026866.D
Acq: 21 Jul 2022 11:36

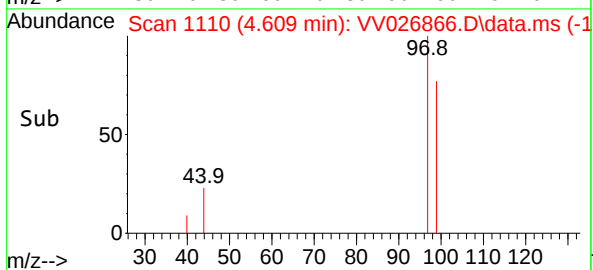
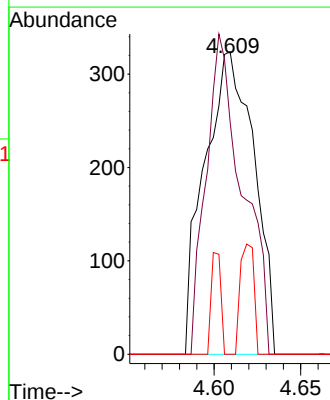
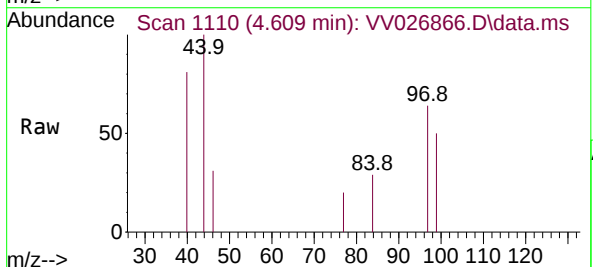
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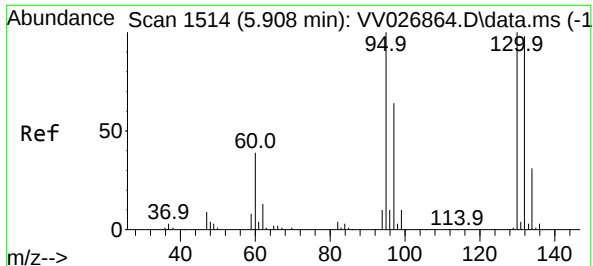
Tgt Ion: 83 Resp: 3135
Ion Ratio Lower Upper
83 100
85 81.9 45.7 84.9



#29
1,1,1-Trichloroethane
Concen: 0.021 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.010 min
Lab File: VV026866.D
Acq: 21 Jul 2022 11:36

Tgt Ion: 97 Resp: 643
Ion Ratio Lower Upper
97 100
99 0.0 51.3 76.9#
61 10.0 35.1 52.7#

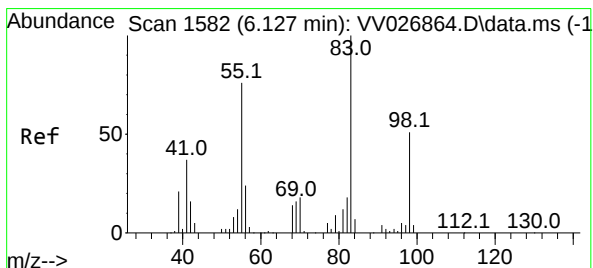
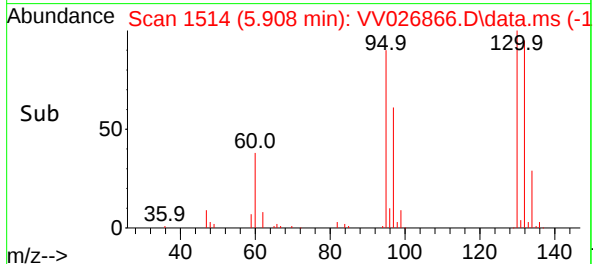
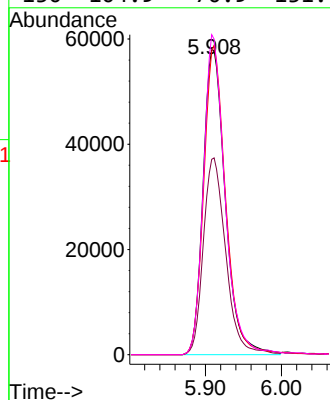
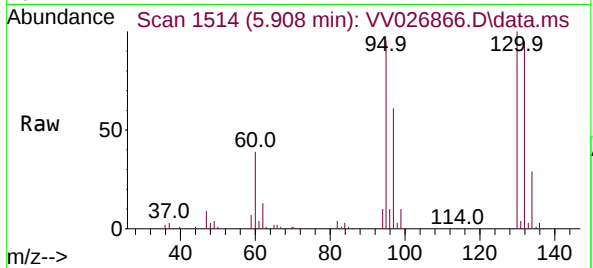




#34
Trichloroethene
Concen: 6.221 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026866.D
Acq: 21 Jul 2022 11:36

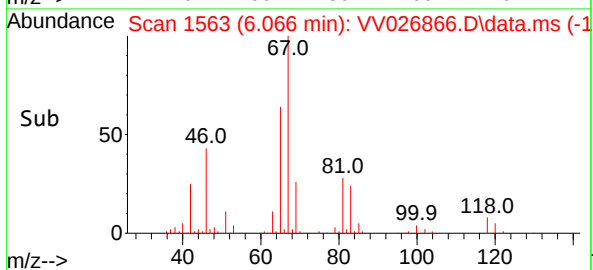
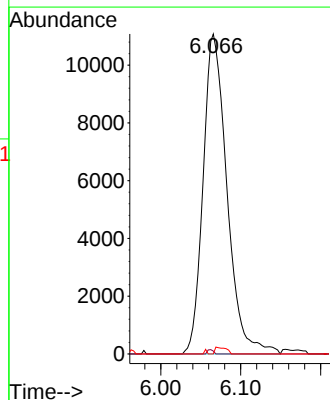
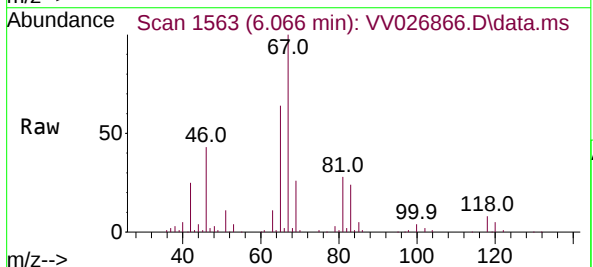
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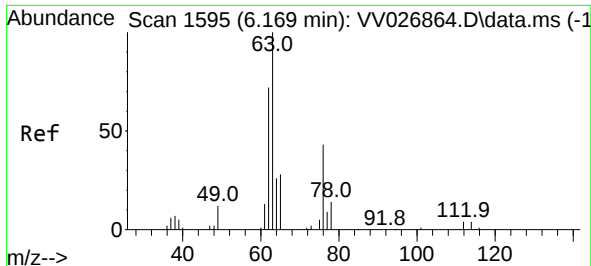
Tgt Ion: 95 Resp: 117895
Ion Ratio Lower Upper
95 100
97 64.0 44.6 82.8
132 99.5 70.2 130.4
130 104.9 70.9 131.7



#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV026866.D
Acq: 21 Jul 2022 11:36

Tgt Ion: 83 Resp: 23043
Ion Ratio Lower Upper
83 100
55 0.3 59.5 89.3#
98 1.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.553 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026866.D

Acq: 21 Jul 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

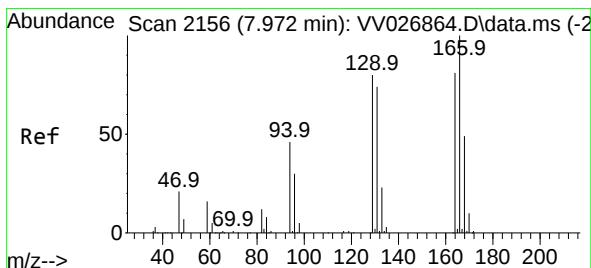
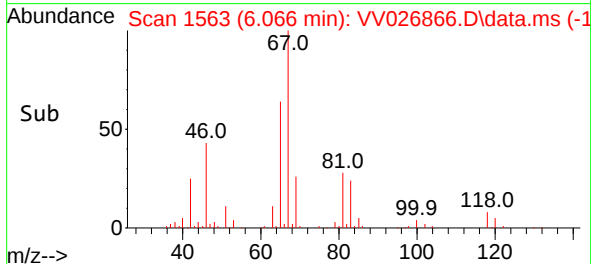
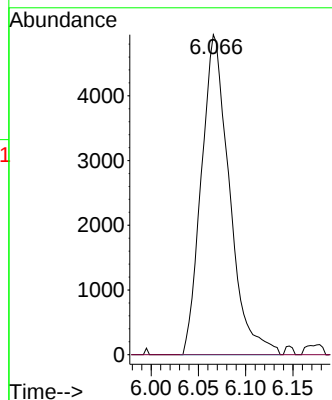
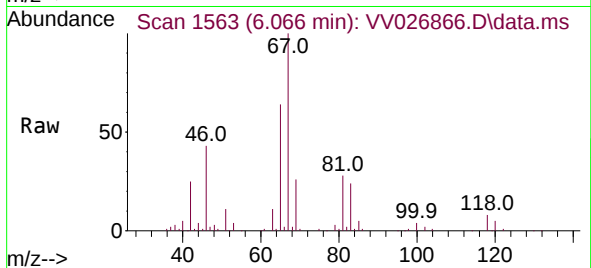
GBHW8DL

Tgt Ion: 63 Resp: 10205

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#47

Tetrachloroethene

Concen: 0.313 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV026866.D

Acq: 21 Jul 2022 11:36

Tgt Ion: 164 Resp: 4654

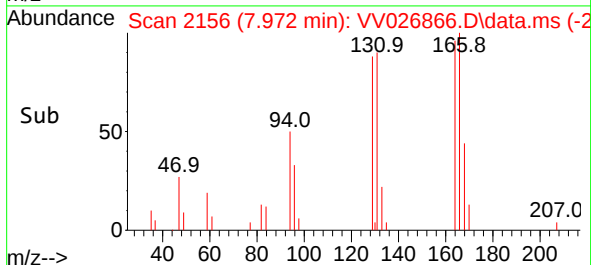
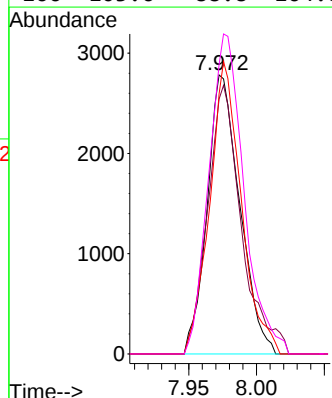
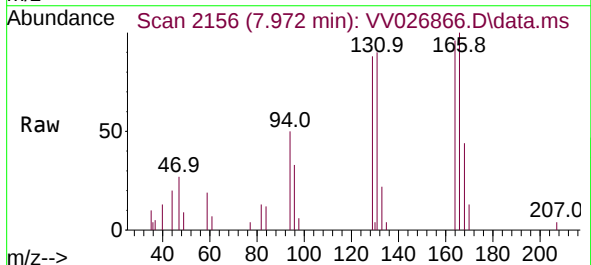
Ion Ratio Lower Upper

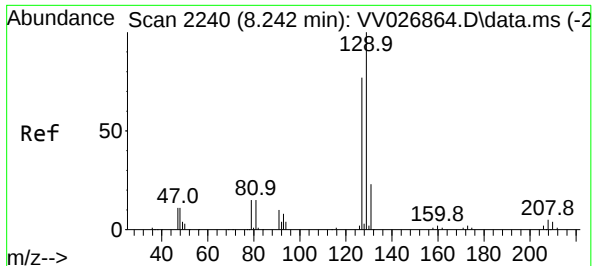
164 100

129 91.3 67.8 125.8

131 93.2 65.9 122.5

166 103.6 88.8 164.8





#49

Dibromochloromethane

Concen: 0.297 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV026866.D

Acq: 21 Jul 2022 11:36

Instrument :

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ClientSampleId :

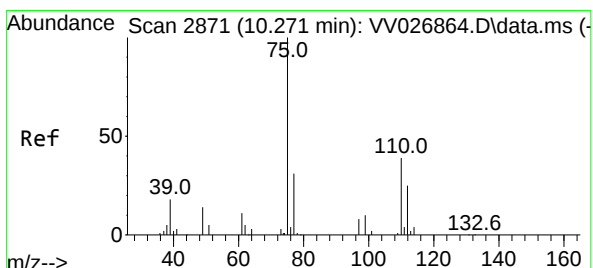
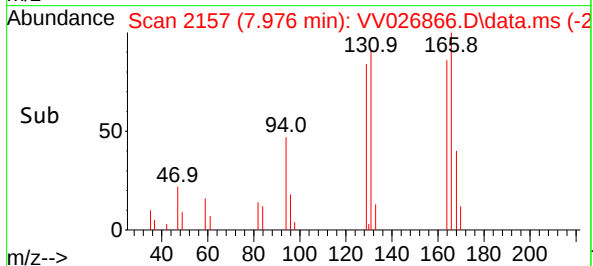
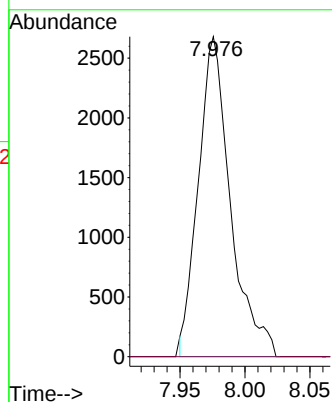
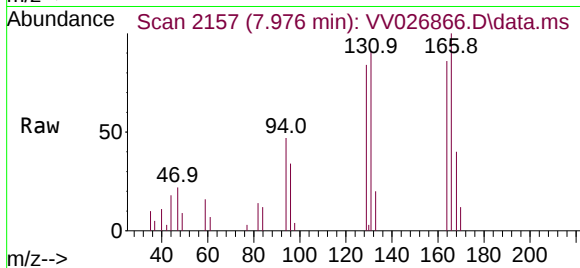
GBHW8DL

Tgt Ion:129 Resp: 4610

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.291 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026866.D

Acq: 21 Jul 2022 11:36

Tgt Ion: 75 Resp: 11720

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

110 3.1 31.8 47.6#

