

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025804.D
 Acq On : 03 May 2022 19:36
 Operator : SY/MD
 Sample : N2615-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0C8

Quant Time: May 04 05:09:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 05:06:02 2022
 Response via : Initial Calibration

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

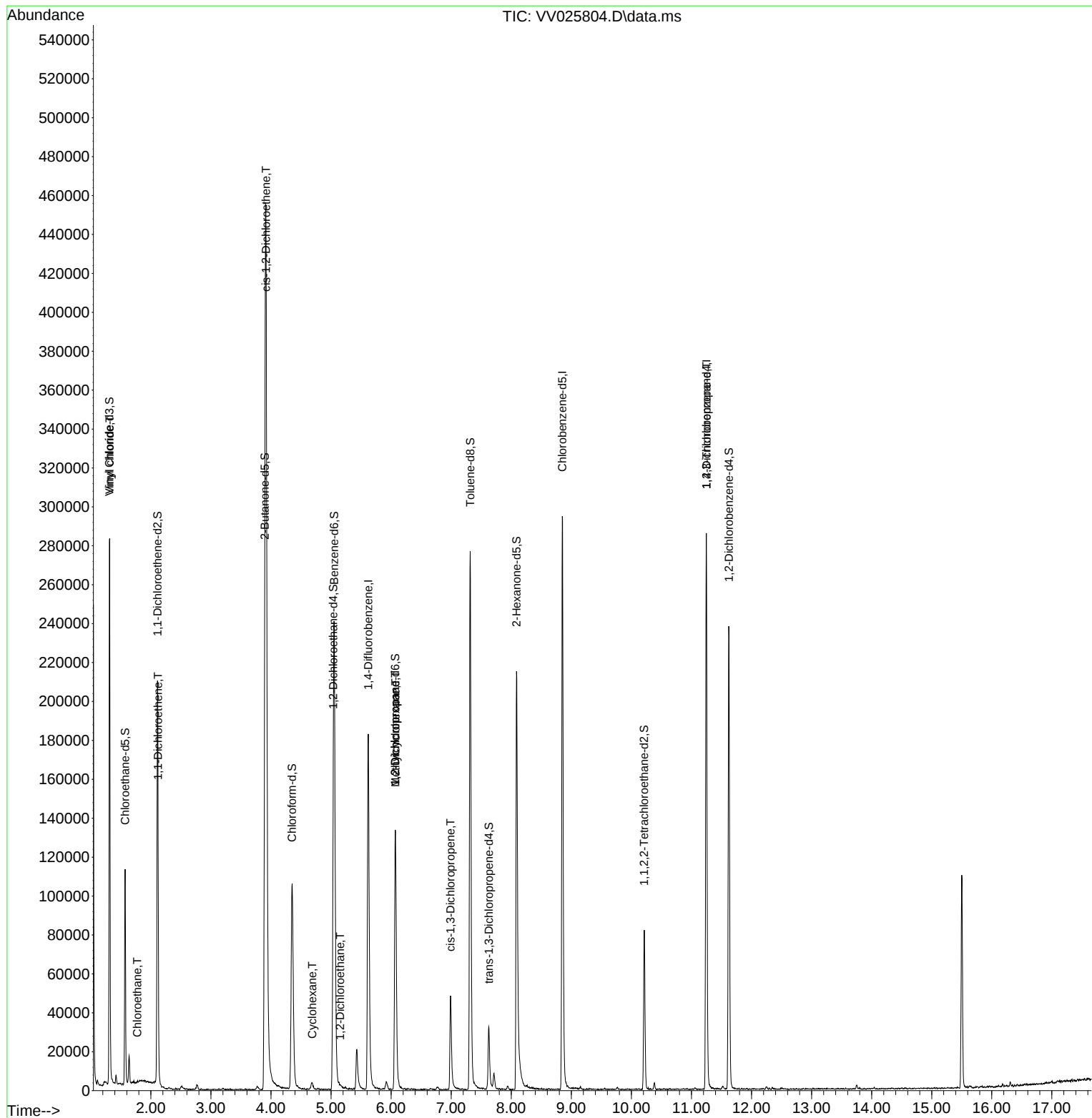
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	159529	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	158462	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73189	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	77826	4.451	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.571	69	68128	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.111	63	111073	3.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.896	46	96365	40.269	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.540%
24) Chloroform-d	4.349	84	111047	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.037	65	49836	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.053	84	225008	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.069	67	66745	4.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.317	98	184369	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.629	79	16003	3.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.088	63	72046	39.018	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39538	4.184	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	59288	4.618	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	101990	4.672	ug/L	100
8) Chloroethane	1.774	64	2064	0.147	ug/L #	43
12) 1,1-Dichloroethene	2.121	96	1953	0.127	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	236938	17.089	ug/L	90
27) 1,2-Dichloroethane	5.150	62	810	0.059	ug/L #	71
30) Cyclohexane	4.687	56	988	0.051	ug/L #	23
35) Methylcyclohexane	6.072	83	16262	0.755	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	7182	0.557	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1373	0.087	ug/L #	72
61) 1,2,3-Trichloropropane	11.249	75	9766	1.667	ug/L #	62

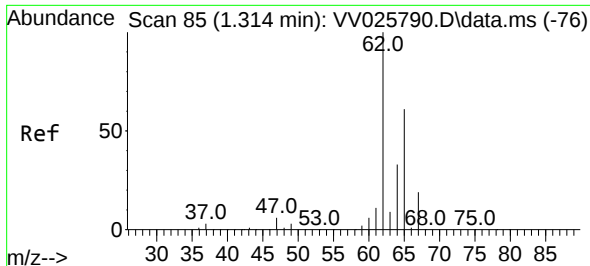
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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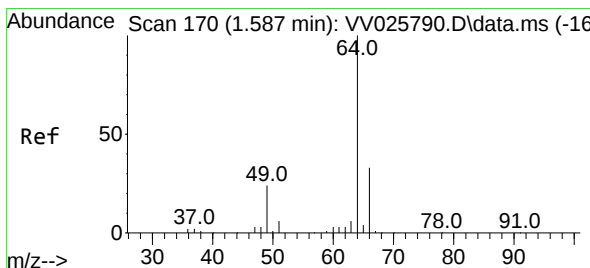
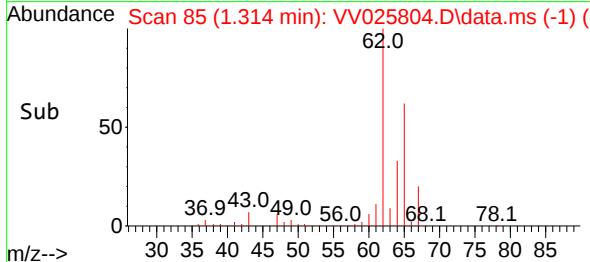
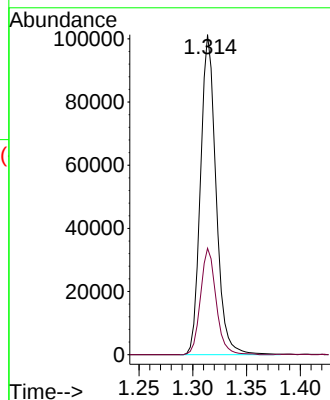
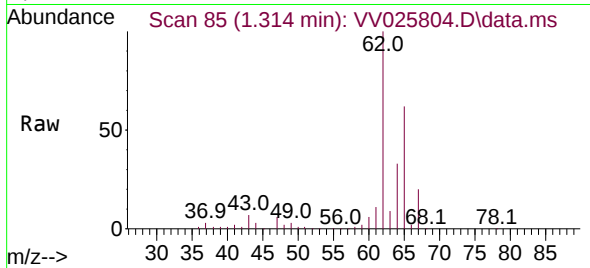




#5
 Vinyl chloride
 Concen: 4.672 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025804.D
 Acq: 03 May 2022 19:36

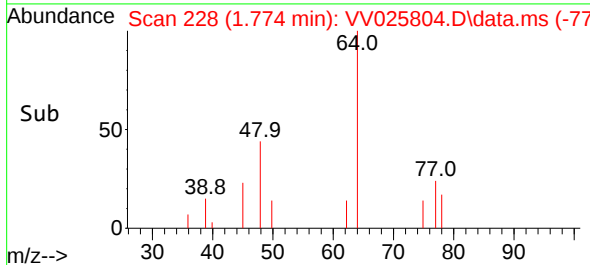
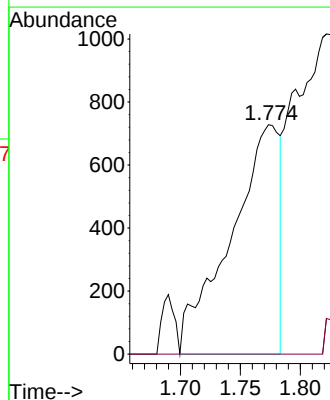
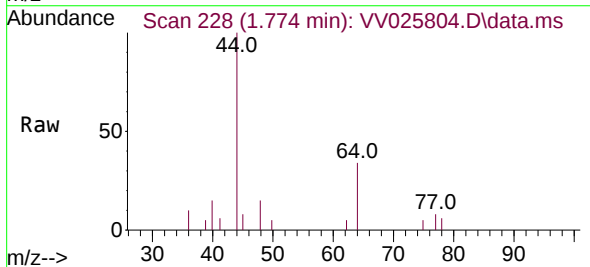
Instrument :
 MSVOA_V
 ClientSampleId :
 BH0C8

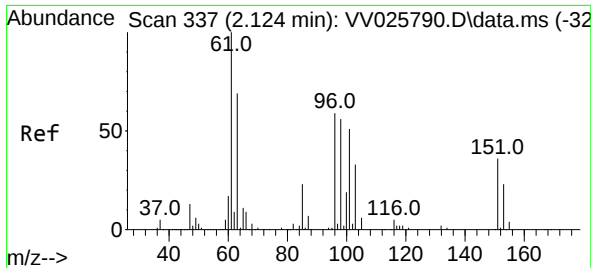
Tgt Ion: 62 Resp: 101990
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#8
 Chloroethane
 Concen: 0.147 ug/L
 RT: 1.774 min Scan# 228
 Delta R.T. 0.186 min
 Lab File: VV025804.D
 Acq: 03 May 2022 19:36

Tgt Ion: 64 Resp: 2064
 Ion Ratio Lower Upper
 64 100
 66 0.0 21.8 40.6#

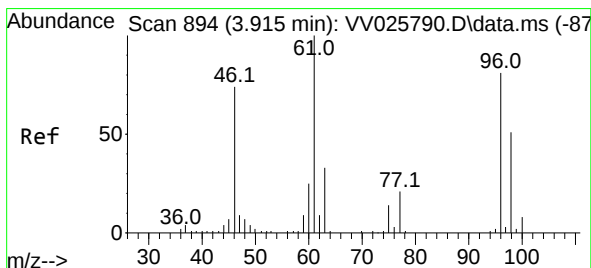
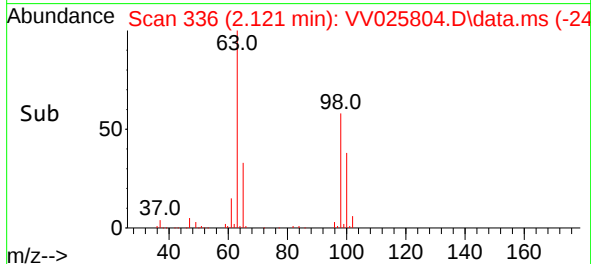
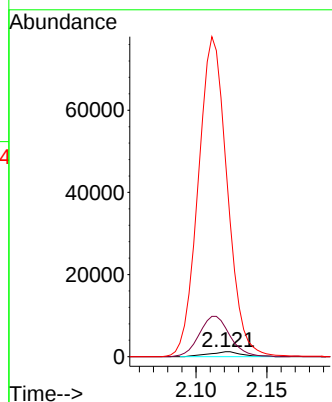
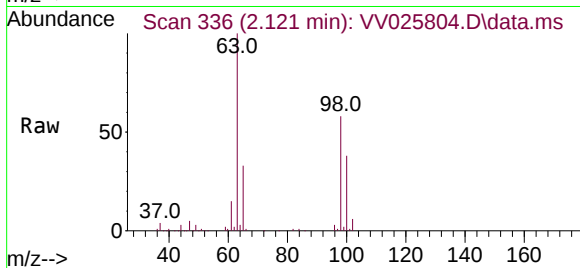




#12
1,1-Dichloroethene
Concen: 0.127 ug/L
RT: 2.121 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV025804.D
Acq: 03 May 2022 19:36

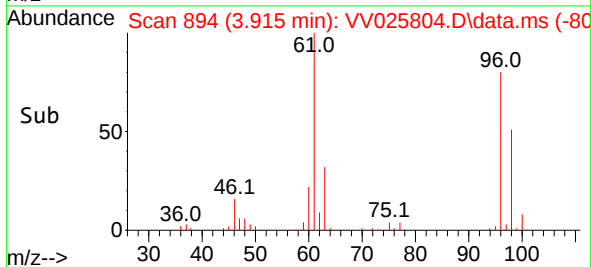
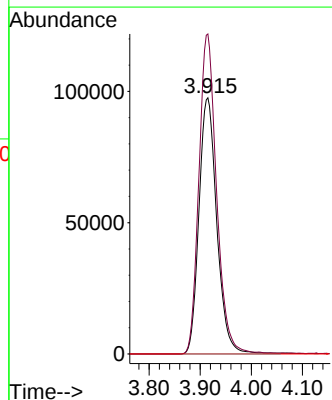
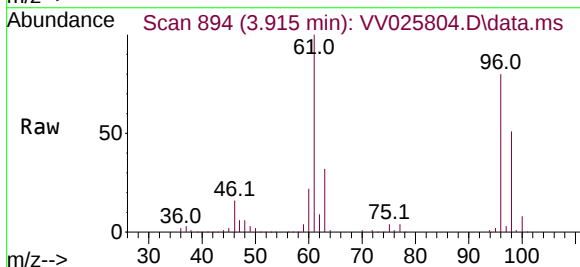
Instrument :
MSVOA_V
ClientSampleId :
BH0C8

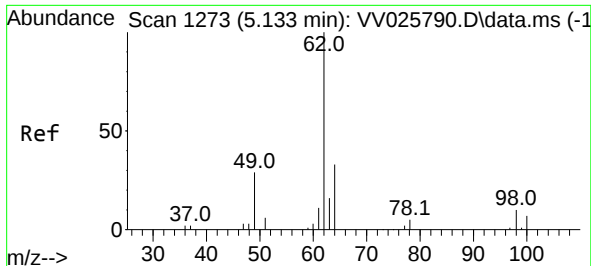
Tgt Ion: 96 Resp: 1953
Ion Ratio Lower Upper
96 100
61 580.0 125.2 232.4#
63 3942.6 114.4 212.4#



#22
cis-1,2-Dichloroethene
Concen: 17.089 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV025804.D
Acq: 03 May 2022 19:36

Tgt Ion: 96 Resp: 236938
Ion Ratio Lower Upper
96 100
61 124.9 80.0 148.6
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.059 ug/L

RT: 5.150 min Scan# 1134

Delta R.T. 0.016 min

Lab File: VV025804.D

Acq: 03 May 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

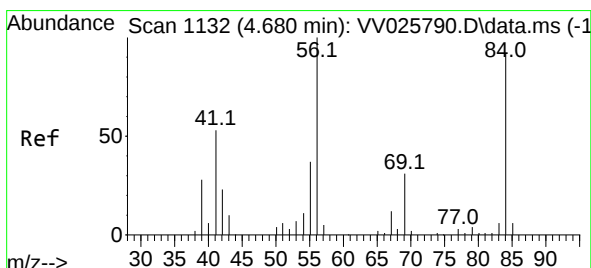
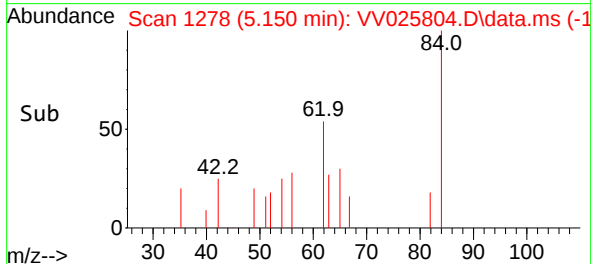
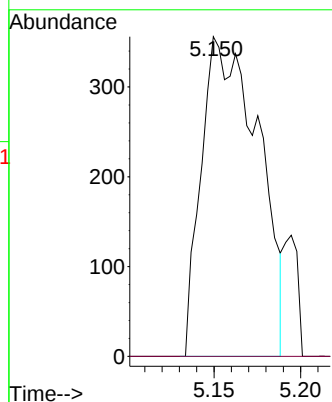
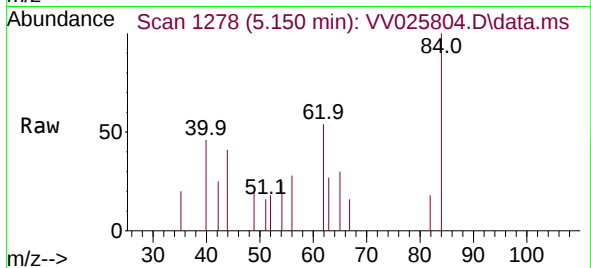
BH0C8

Tgt Ion: 62 Resp: 810

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#30

Cyclohexane

Concen: 0.051 ug/L

RT: 4.687 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VV025804.D

Acq: 03 May 2022 19:36

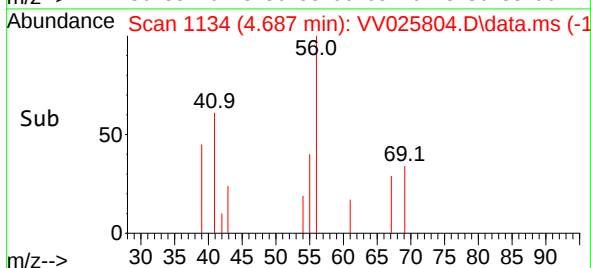
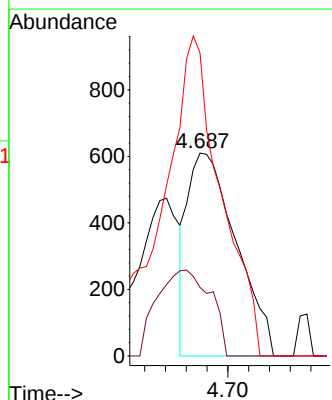
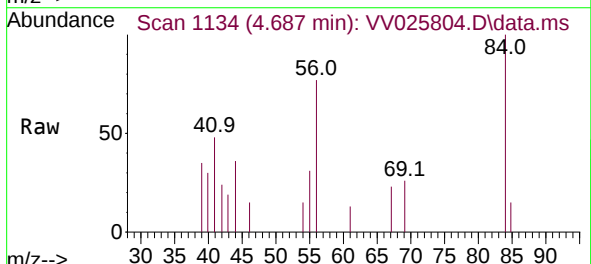
Tgt Ion: 56 Resp: 988

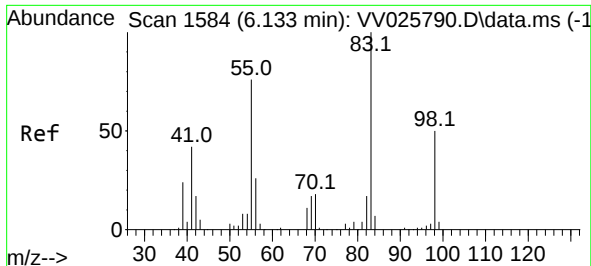
Ion Ratio Lower Upper

56 100

69 46.6 26.1 39.1#

84 191.4 78.6 118.0#





#35

Methylcyclohexane

Concen: 0.755 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV025804.D

Acq: 03 May 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

BH0C8

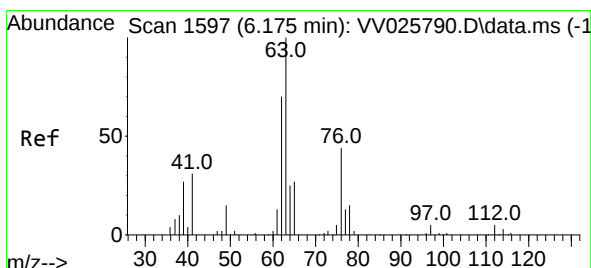
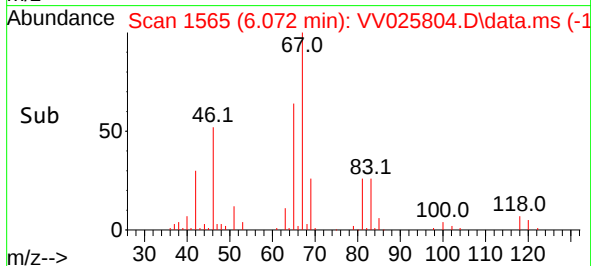
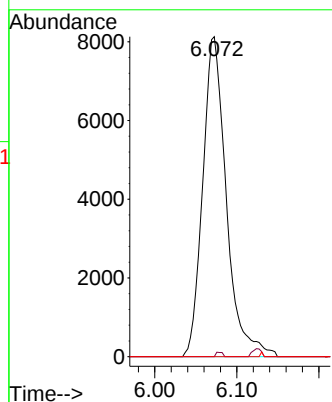
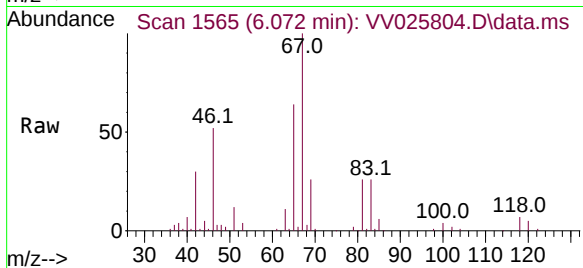
Tgt Ion: 83 Resp: 16262

Ion Ratio Lower Upper

83 100

55 0.4 53.7 80.5#

98 1.3 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV025804.D

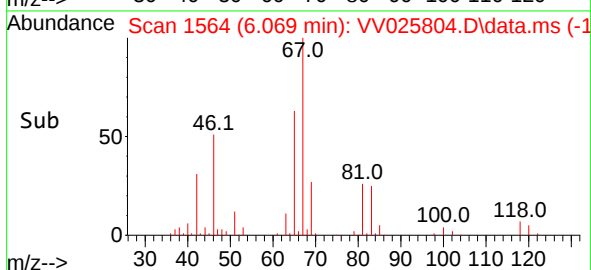
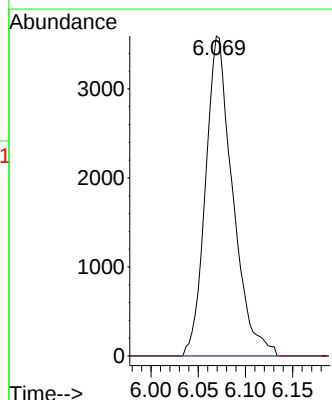
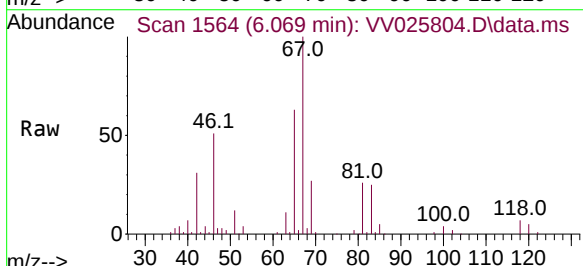
Acq: 03 May 2022 19:36

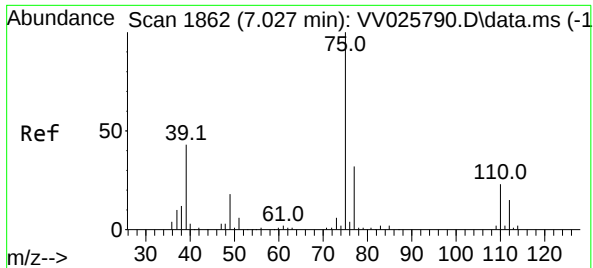
Tgt Ion: 63 Resp: 7182

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025804.D

Acq: 03 May 2022 19:36

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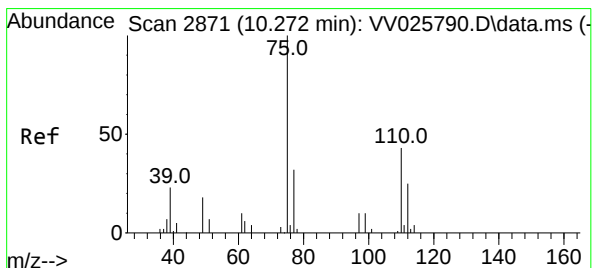
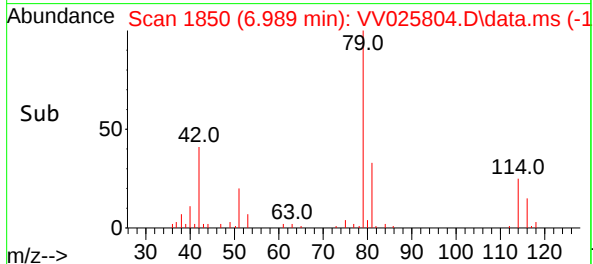
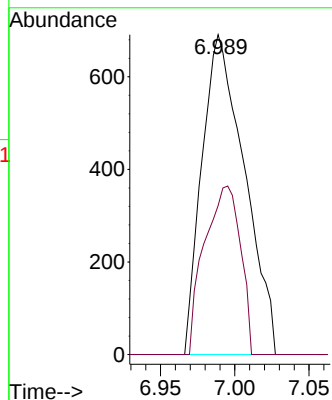
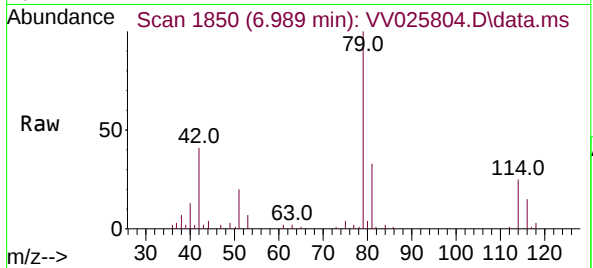
BH0C8

Tgt Ion: 75 Resp: 1373

Ion Ratio Lower Upper

75 100

77 46.6 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.667 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025804.D

Acq: 03 May 2022 19:36

Tgt Ion: 75 Resp: 9766

Ion Ratio Lower Upper

75 100

77 29.2 25.6 38.4

110 3.3 34.7 52.1#

