

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042922\
 Data File : VW025739.D
 Acq On : 29 Apr 2022 12:38
 Operator : SY/MD
 Sample : N2615-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0D2

Quant Time: May 02 01:24:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon May 02 01:22:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148750	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	154918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	53053	3.836	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.571	69	56895	3.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.111	63	86120	3.109	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	3.892	46	99091	58.905	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.820%
24) Chloroform-d	4.352	84	109154	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.034	65	50668	5.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.053	84	205376	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.069	67	63442	5.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.317	98	170323	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.625	79	18280	4.351	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.088	63	75814	51.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40363	5.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	60983	5.215	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	691	0.047	ug/L	87
5) Vinyl chloride	1.314	62	10207	0.619	ug/L	95
8) Chloroethane	1.314	64	3902	0.306	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	23174	2.036	ug/L	97
25) Chloroform	4.381	83	1999	0.103	ug/L #	75
27) 1,2-Dichloroethane	5.166	62	623	0.061	ug/L #	71
33) Benzene	5.108	78	2350	0.051	ug/L	100
35) Methylcyclohexane	6.069	83	15519	0.800	ug/L #	28
37) 1,2-Dichloropropane	6.069	63	7230	0.683	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1256	0.091	ug/L #	29
44) trans-1,3-Dichloropropene	7.632	75	801	0.074	ug/L #	79
51) Chlorobenzene	8.882	112	3137	0.099	ug/L	95
53) m,p-Xylene	9.143	106	1707	0.085	ug/L	86
61) 1,2,3-Trichloropropane	11.249	75	9476	2.063	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.915	105	1868	0.097	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.252	75	137	0.172	ug/L #	2
71) Naphthalene	13.512	128	1460	0.084	ug/L #	82

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042922\
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Quant Time: May 02 01:24:13 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon May 02 01:22:31 2022
Response via : Initial Calibration

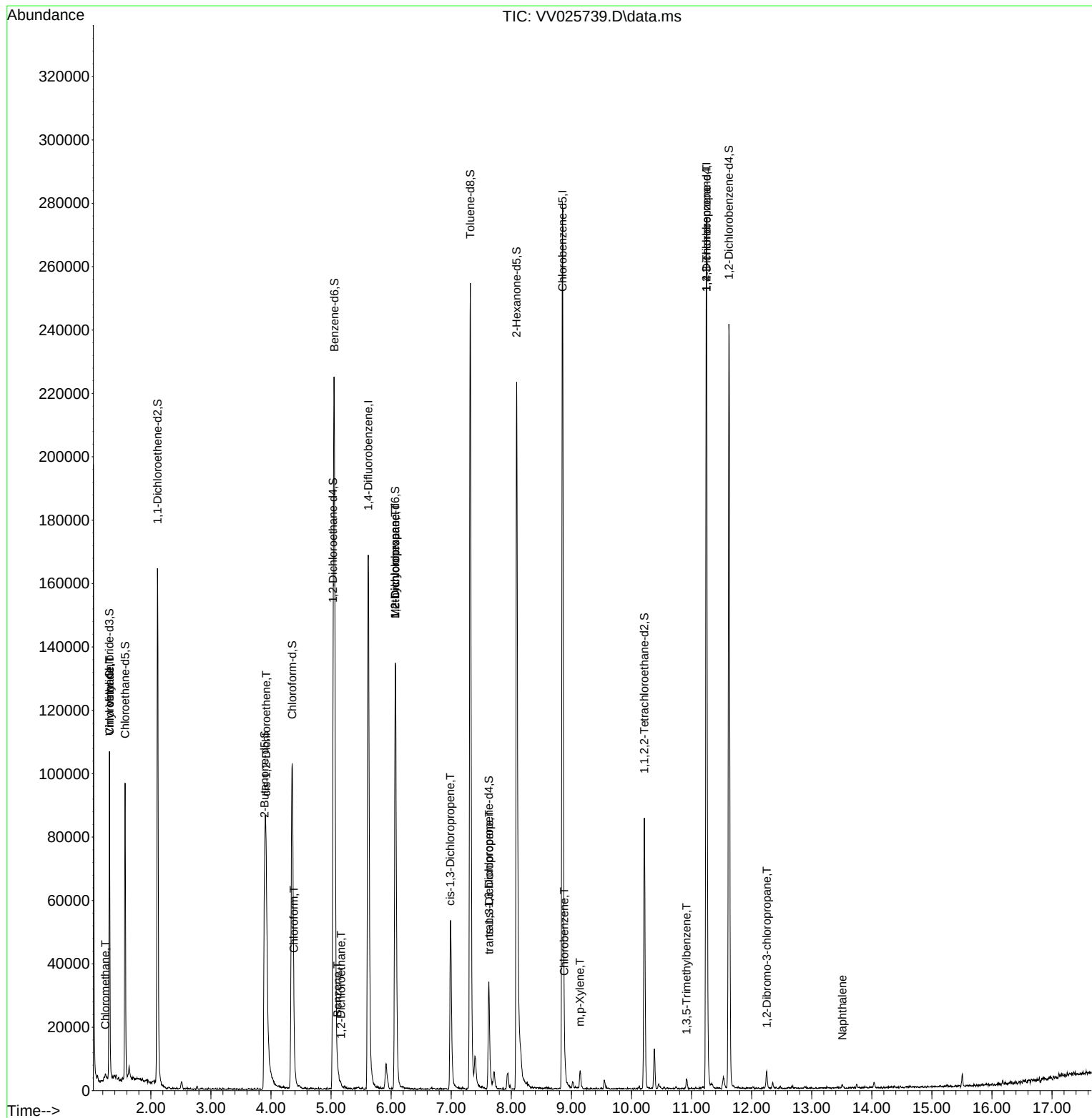
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

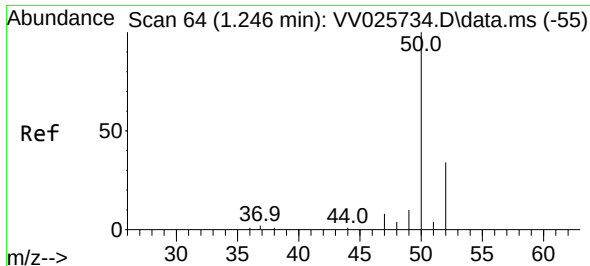
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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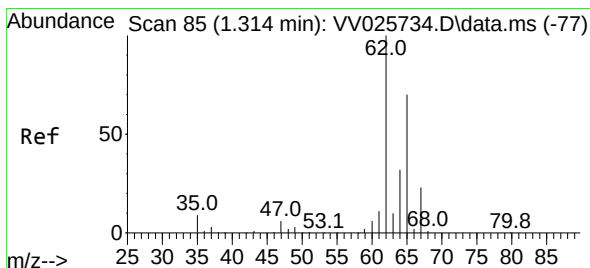
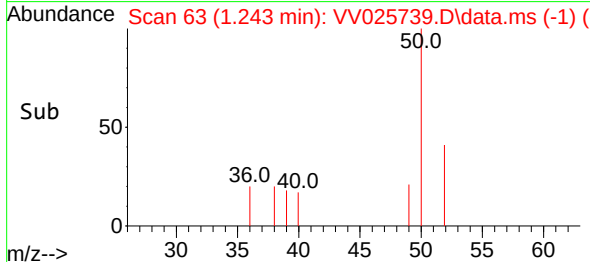
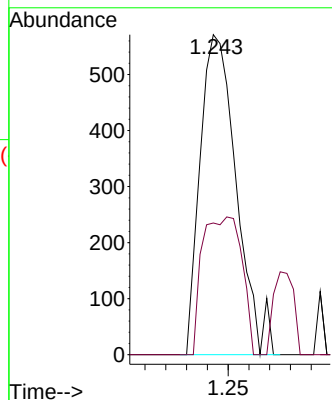
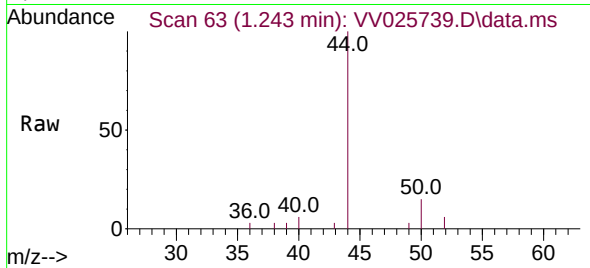




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

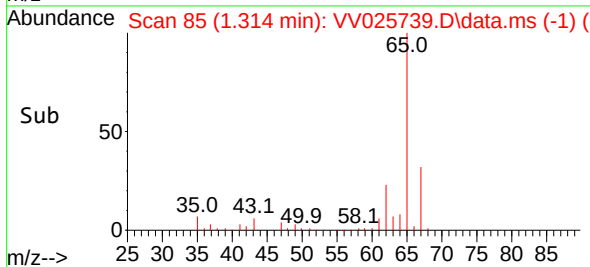
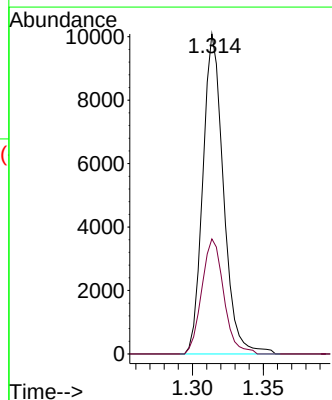
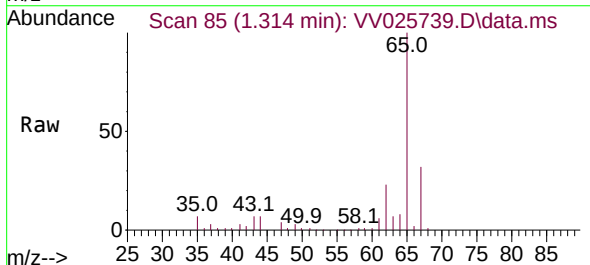
Instrument :
MSVOA_V
ClientSampleId :
BH0D2

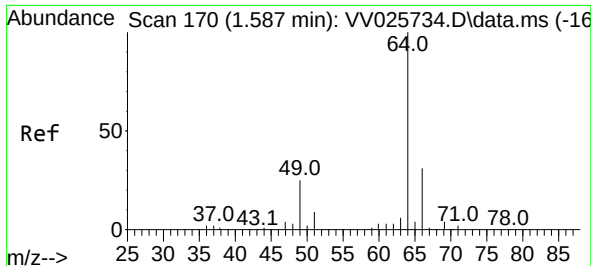
Tgt Ion: 50 Resp: 691
Ion Ratio Lower Upper
50 100
52 41.2 23.7 43.9



#5
Vinyl chloride
Concen: 0.619 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.000 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

Tgt Ion: 62 Resp: 10207
Ion Ratio Lower Upper
62 100
64 36.0 23.2 43.2

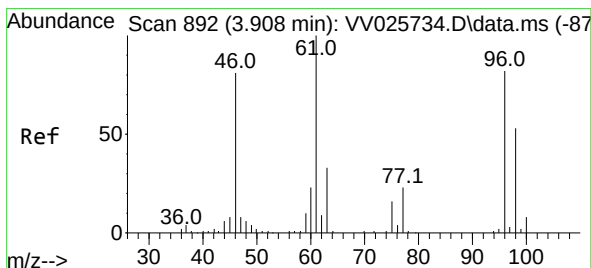
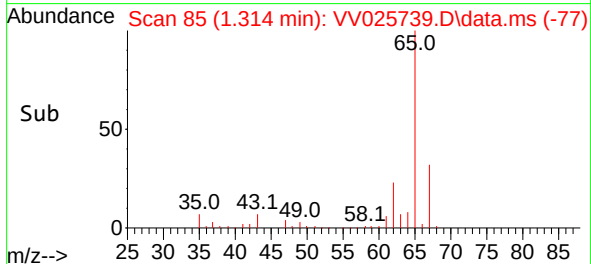
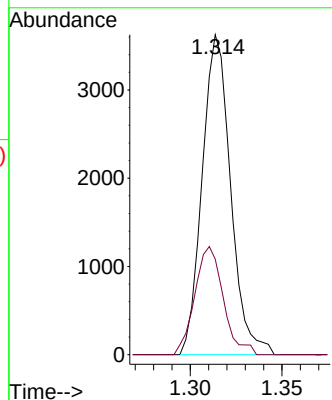
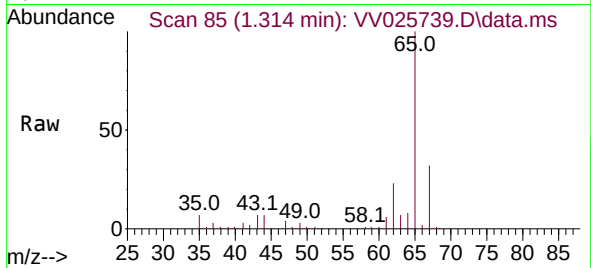




#8
Chloroethane
Concen: 0.306 ug/L
RT: 1.314 min Scan# 81
Delta R.T. -0.273 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

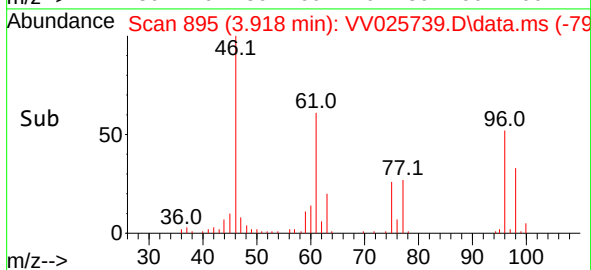
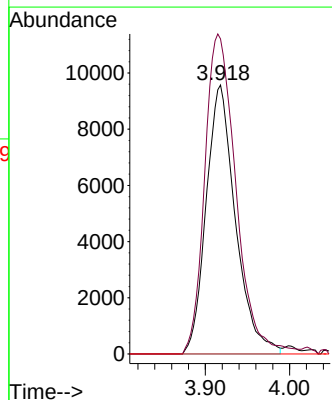
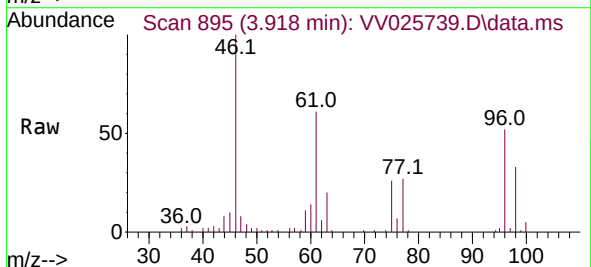
Instrument :
MSVOA_V
ClientSampleId :
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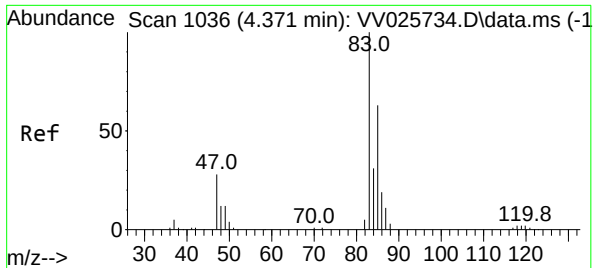
Tgt Ion: 64 Resp: 3902
Ion Ratio Lower Upper
64 100
66 29.9 21.8 40.6



#22
cis-1,2-Dichloroethene
Concen: 2.036 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

Tgt Ion: 96 Resp: 23174
Ion Ratio Lower Upper
96 100
61 117.1 80.0 148.6
68 0.0 0.0 0.0

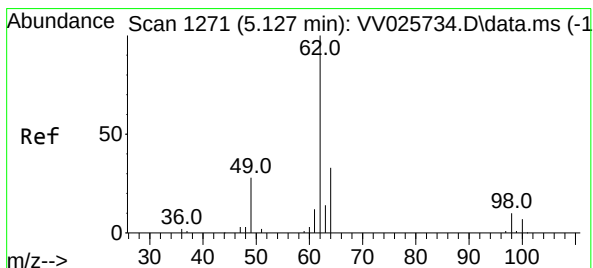
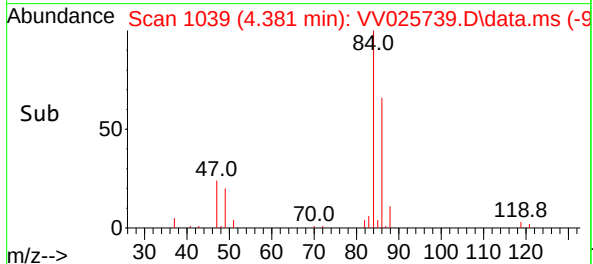
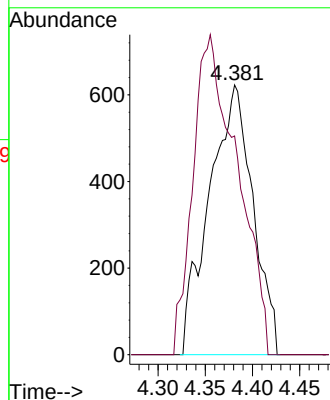
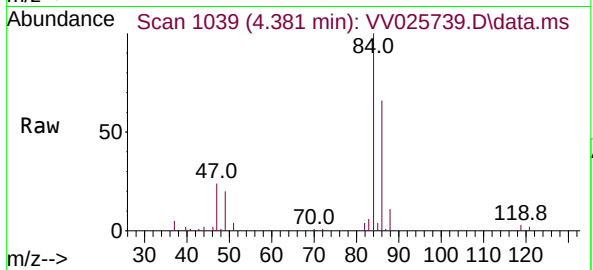




#25
Chloroform
Concen: 0.103 ug/L
RT: 4.381 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

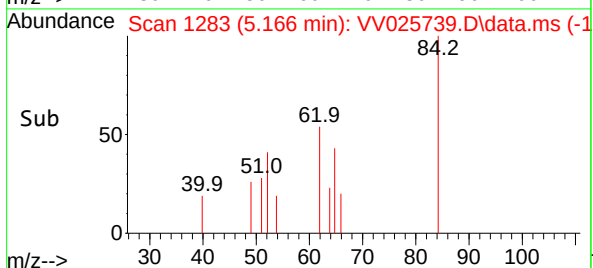
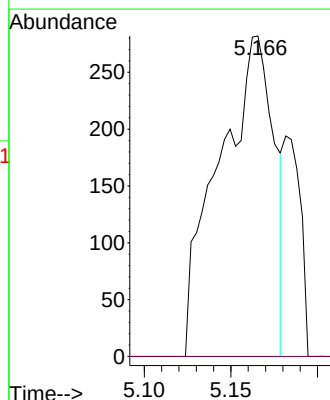
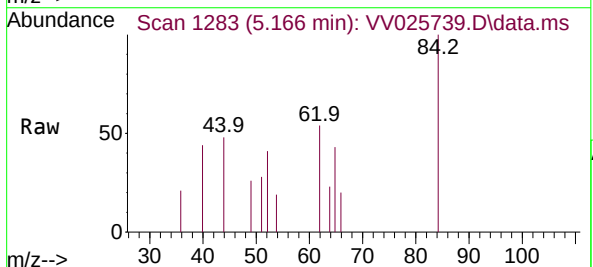
Instrument :
MSVOA_V
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BH0D2

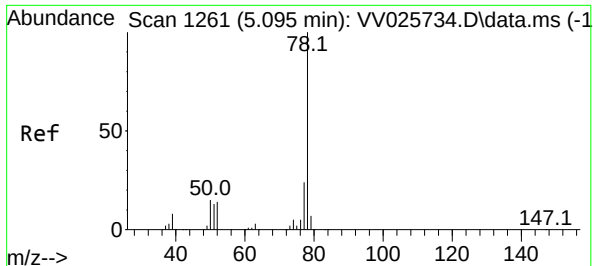
Tgt Ion: 83 Resp: 1999
Ion Ratio Lower Upper
83 100
85 81.1 43.5 80.7#



#27
1,2-Dichloroethane
Concen: 0.061 ug/L
RT: 5.166 min Scan# 1283
Delta R.T. 0.039 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

Tgt Ion: 62 Resp: 623
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#

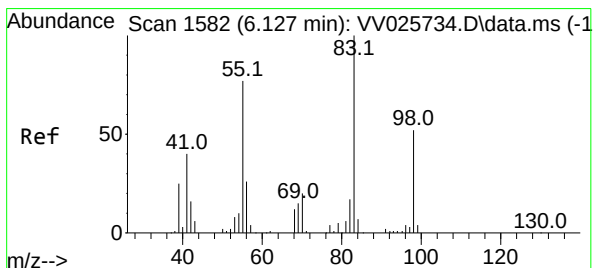
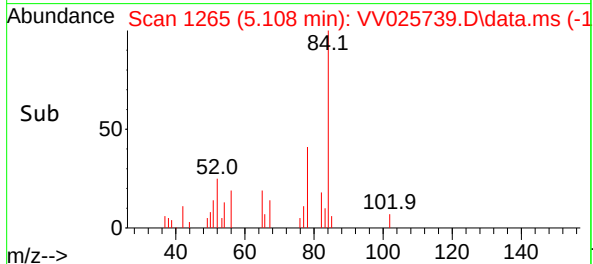
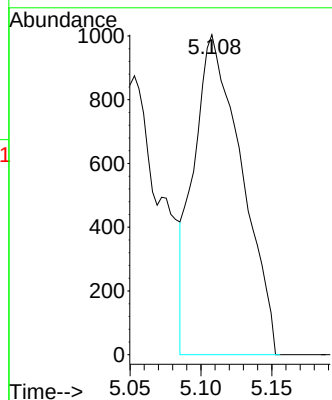
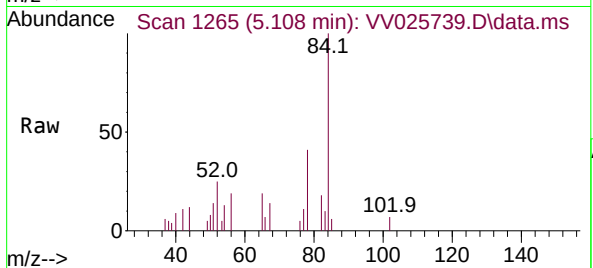




#33
Benzene
Concen: 0.051 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

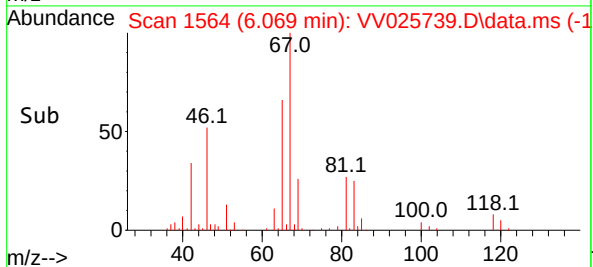
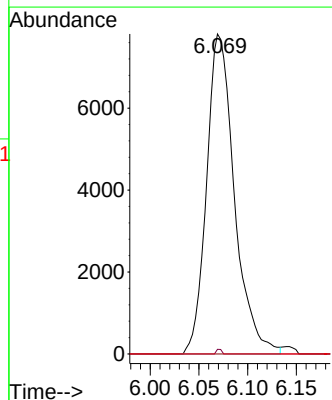
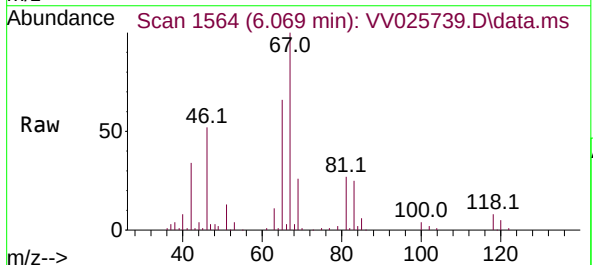
Instrument :
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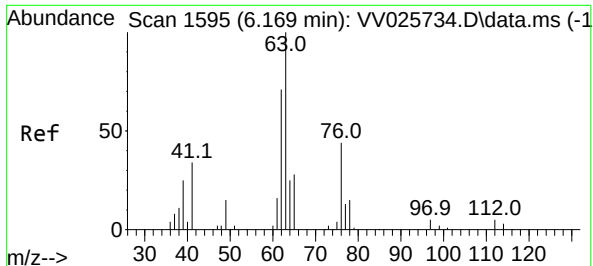
Tgt Ion: 78 Resp: 2350



#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

Tgt Ion: 83 Resp: 15519
Ion Ratio Lower Upper
83 100
55 0.3 53.7 80.5#
98 10.8 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.683 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025739.D

Acq: 29 Apr 2022 12:38

Instrument :

MSVOA_V

ClientSampleId :

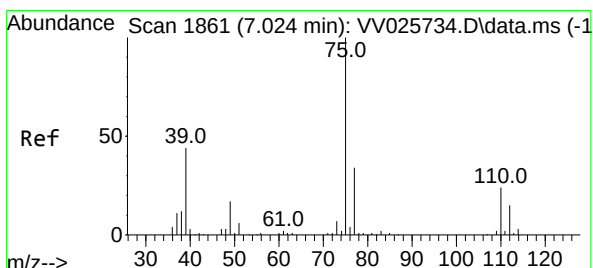
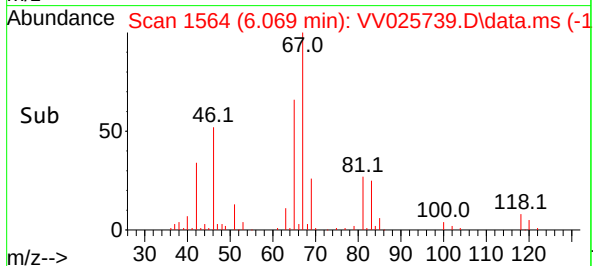
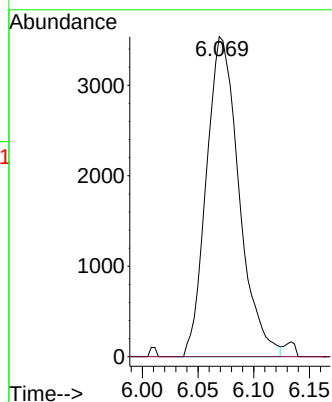
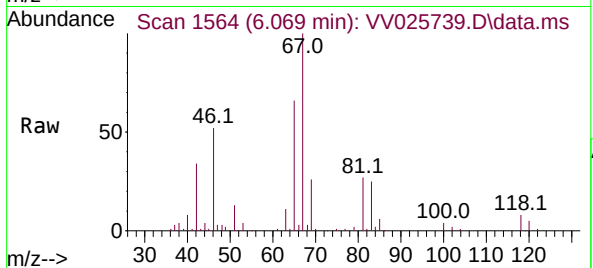
BH0D2

Tgt Ion: 63 Resp: 7230

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV025739.D

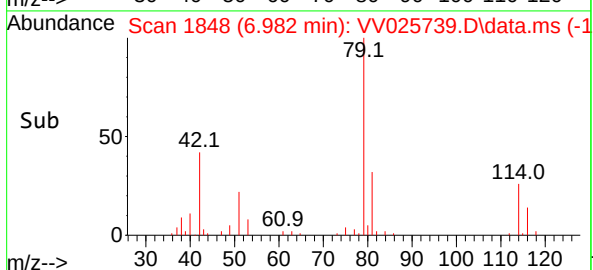
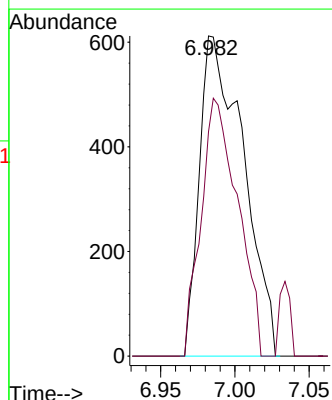
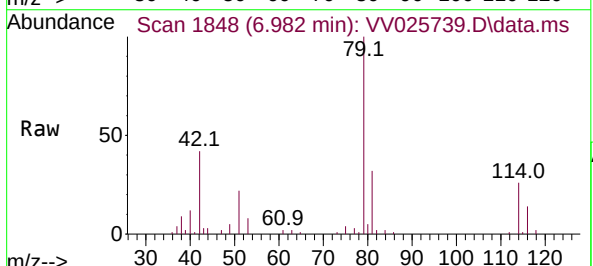
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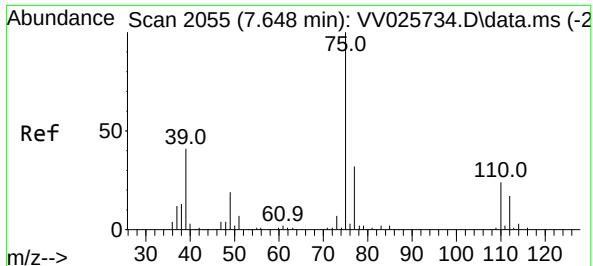
Tgt Ion: 75 Resp: 1256

Ion Ratio Lower Upper

75 100

77 70.1 21.8 40.6#

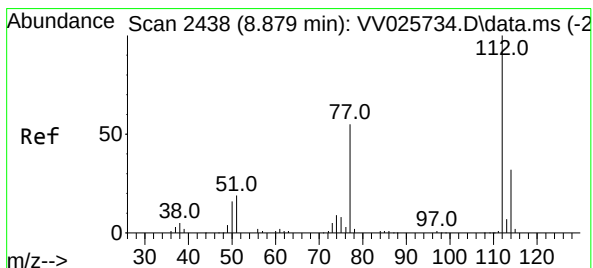
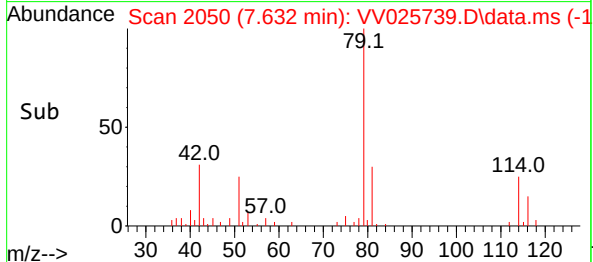
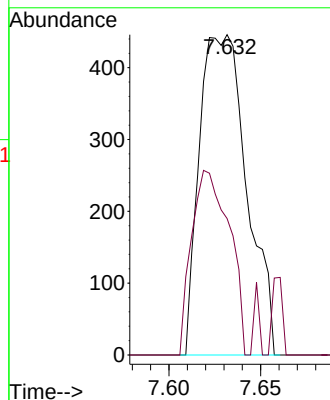
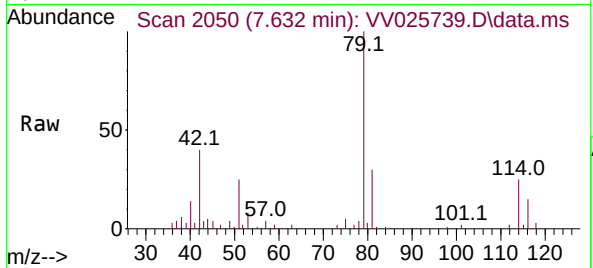




#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.632 min Scan# 2050
Delta R.T. -0.016 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

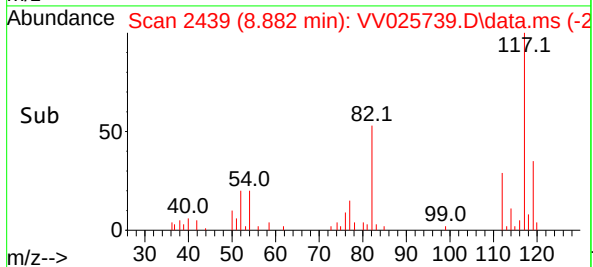
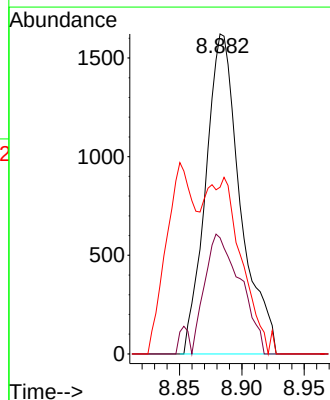
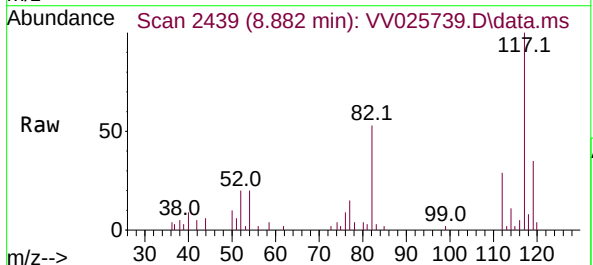
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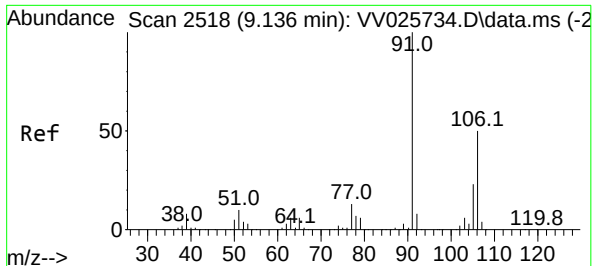
Tgt Ion: 75 Resp: 801
Ion Ratio Lower Upper
75 100
77 42.6 21.7 40.3#



#51
Chlorobenzene
Concen: 0.099 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

Tgt Ion: 112 Resp: 3137
Ion Ratio Lower Upper
112 100
114 36.3 22.4 41.6
77 52.1 43.7 65.5

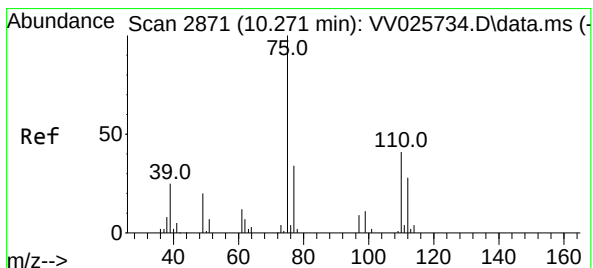
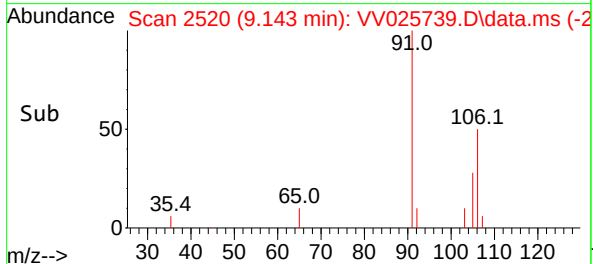
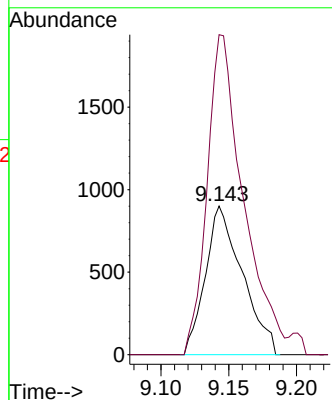
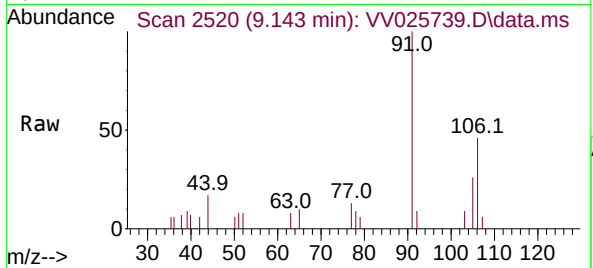




#53
m,p-Xylene
Concen: 0.085 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

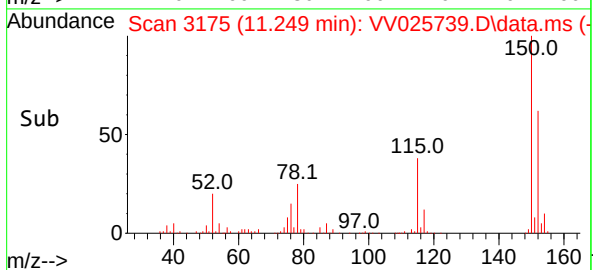
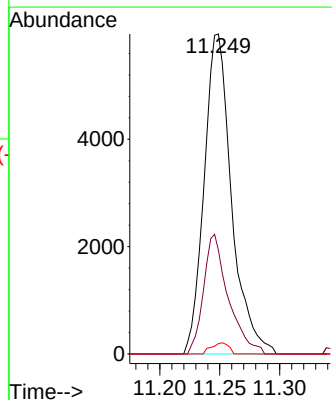
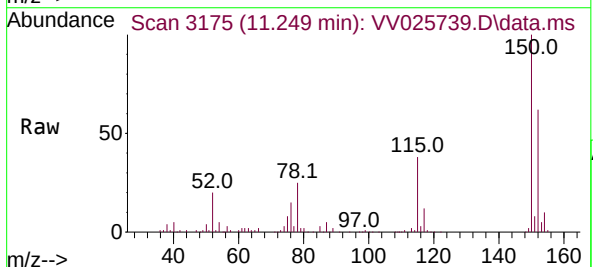
Instrument :
MSVOA_V
ClientSampleId :
BH0D2

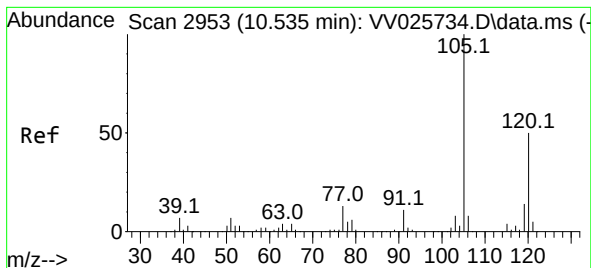
Tgt Ion:106 Resp: 1707
Ion Ratio Lower Upper
106 100
91 215.2 136.4 253.4



#61
1,2,3-Trichloropropane
Concen: 2.063 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

Tgt Ion: 75 Resp: 9476
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4
110 2.2 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.097 ug/L

RT: 10.915 min Scan# 30

Delta R.T. 0.379 min

Lab File: VV025739.D

Acq: 29 Apr 2022 12:38

Instrument :

MSVOA_V

ClientSampleId :

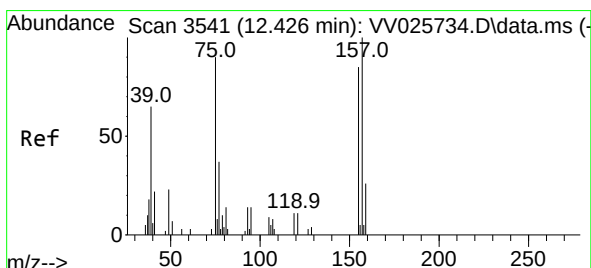
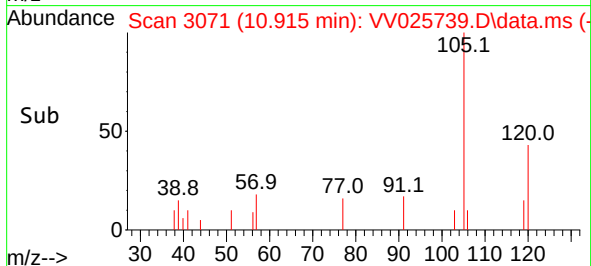
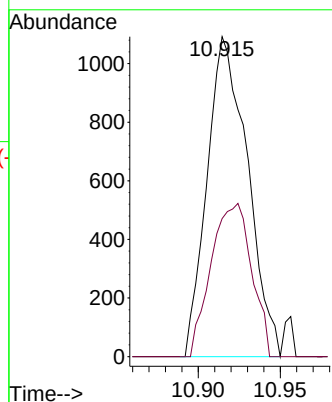
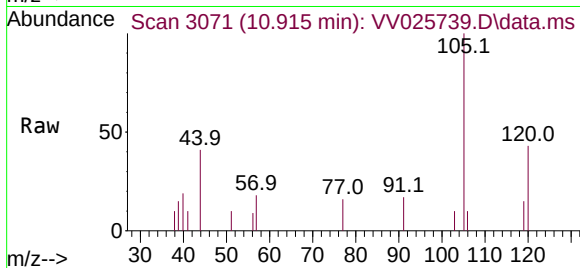
BH0D2

Tgt Ion:105 Resp: 1868

Ion Ratio Lower Upper

105 100

120 48.0 39.6 59.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.172 ug/L

RT: 12.252 min Scan# 3487

Delta R.T. -0.174 min

Lab File: VV025739.D

Acq: 29 Apr 2022 12:38

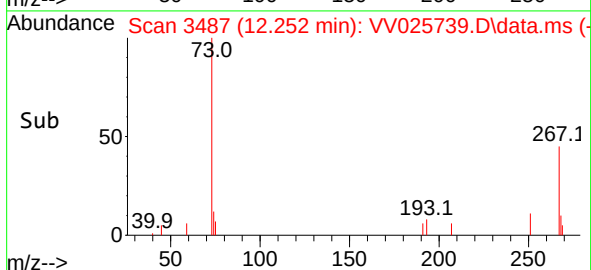
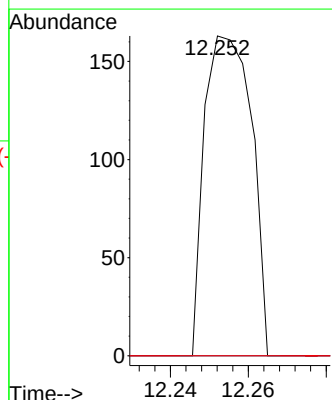
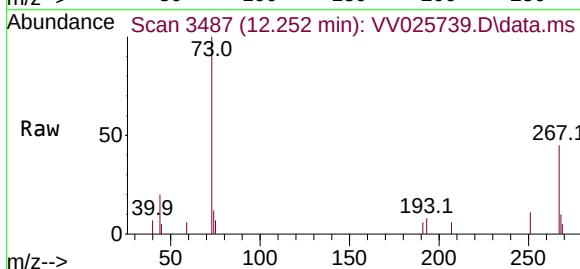
Tgt Ion: 75 Resp: 137

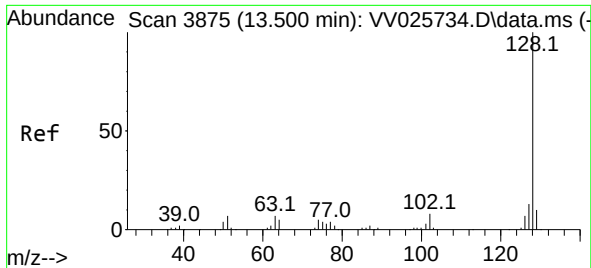
Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

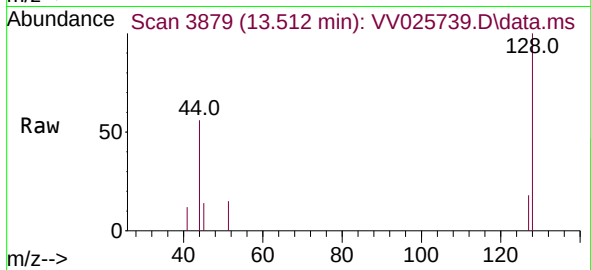
157 0.0 86.6 130.0#





#71
Naphthalene
Concen: 0.084 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV025739.D
Acq: 29 Apr 2022 12:38

Instrument :
MSVOA_V
ClientSampleId :
BH0D2



Tgt Ion:128 Resp: 1460
Ion Ratio Lower Upper
128 100
129 4.7 8.8 13.2#
127 5.5 10.4 15.6#

