

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028726.D
 Acq On : 27 Oct 2022 18:05
 Operator : SY/MD
 Sample : N5232-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAC6

Quant Time: Oct 28 02:19:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	304583	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	279009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	121796	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57842	2.731	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.600%
7) Chloroethane-d5	1.565	69	59619	3.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.600%
11) 1,1-Dichloroethene-d2	2.105	63	93142	2.273	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.400%#
20) 2-Butanone-d5	3.896	46	201675	41.753	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.500%
24) Chloroform-d	4.346	84	121498	3.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.000%#
26) 1,2-Dichloroethane-d4	5.031	65	64304	3.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
32) Benzene-d6	5.047	84	234572	3.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.800%#
36) 1,2-Dichloropropane-d6	6.066	67	84026	3.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.200%
41) Toluene-d8	7.314	98	191979	3.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.622	79	19513	2.659	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.200%#
46) 2-Hexanone-d5	8.088	63	136259	39.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.780%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	55003	3.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	65461	3.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.000%#
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1975	0.082	ug/L	100
6) Bromomethane	1.526	94	1445	0.127	ug/L	78
8) Chloroethane	1.458	64	143668	8.868	ug/L #	49
14) Carbon disulfide	2.291	76	2870	0.074	ug/L #	85
17) Methyl tert-butyl Ether	2.773	73	4177	0.095	ug/L #	86
25) Chloroform	4.381	83	7964	0.201	ug/L	85
33) Benzene	5.101	78	23500	0.282	ug/L	100
35) Methylcyclohexane	6.066	83	18485	0.648	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	8124	0.381	ug/L #	88
42) Toluene	7.394	91	16388	0.207	ug/L	97
51) Chlorobenzene	8.883	112	3239	0.065	ug/L	89
52) Ethylbenzene	9.014	91	10615	0.121	ug/L	100
53) m,p-Xylene	9.137	106	13144	0.414	ug/L	95
61) 1,2,3-Trichloropropane	11.239	75	18168	1.737	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.915	105	3477	0.156	ug/L	94
71) Naphthalene	13.506	128	3165	0.097	ug/L #	93

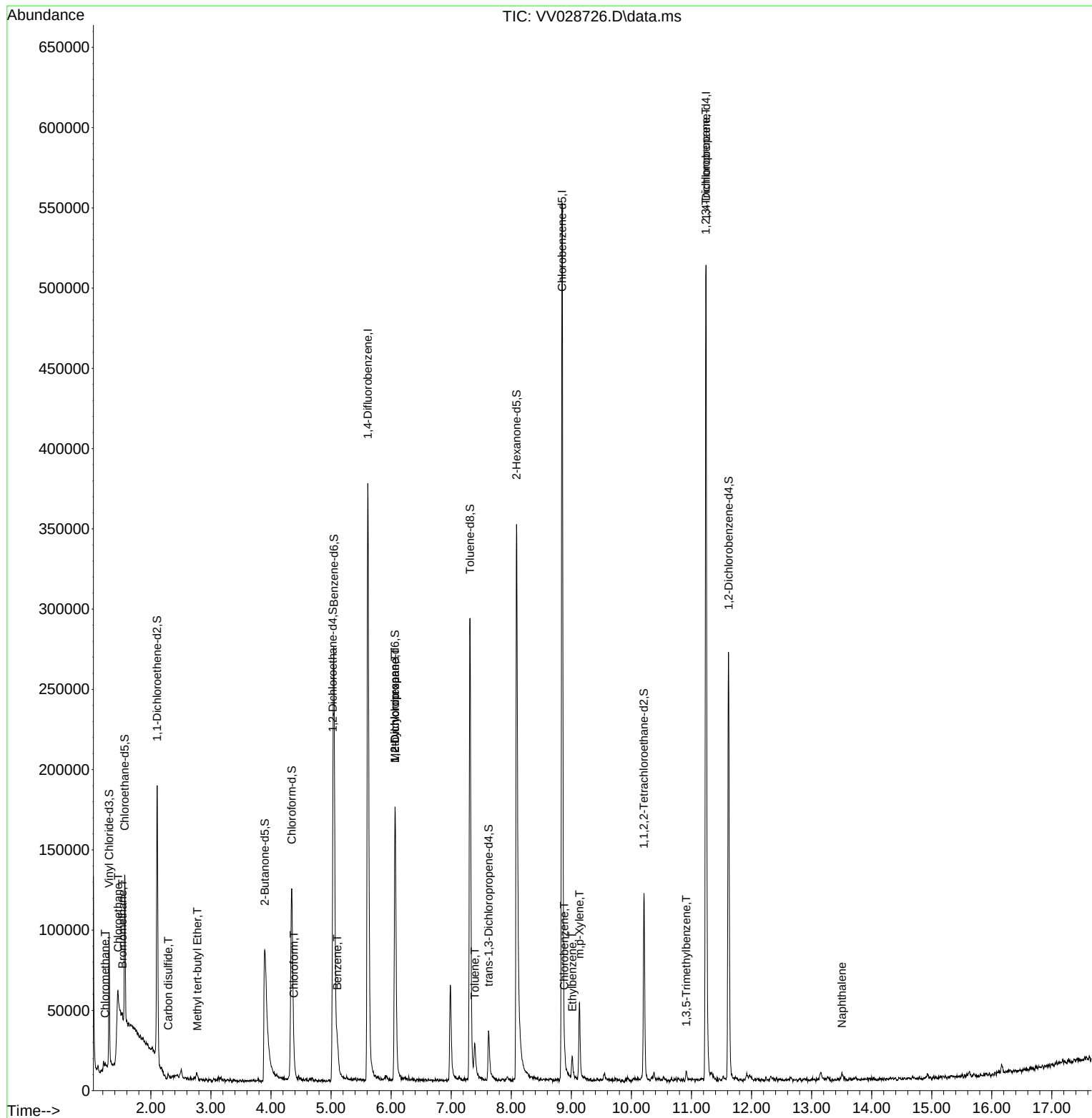
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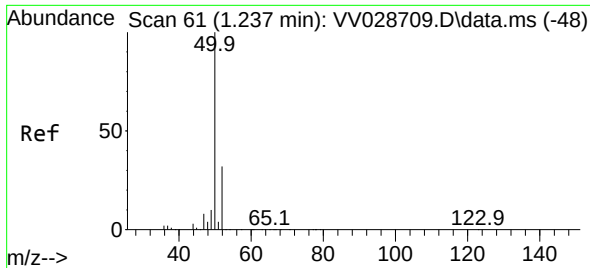
Instrument :
MSVOA_V
ClientSampleId :
BHAC6

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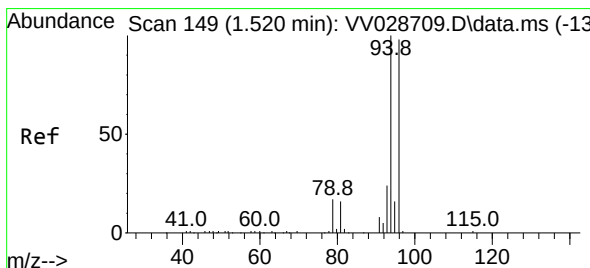
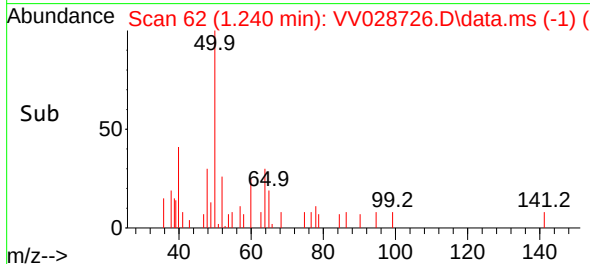
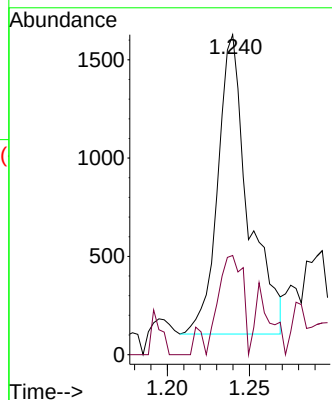
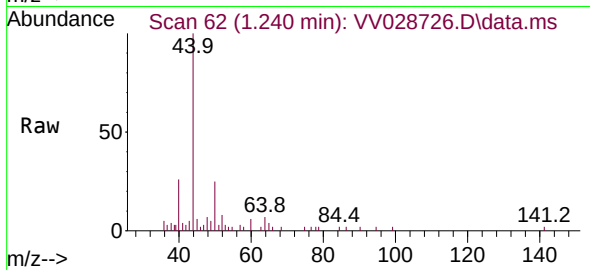




#3
Chloromethane
Concen: 0.082 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028726.D
Acq: 27 Oct 2022 18:05

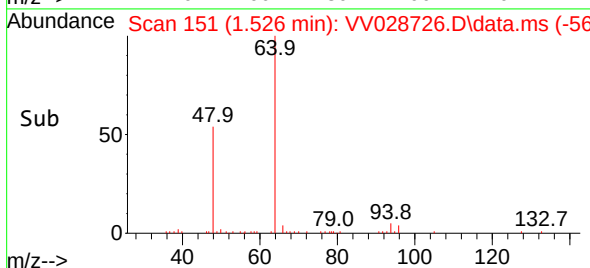
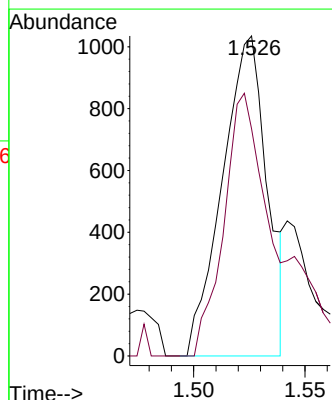
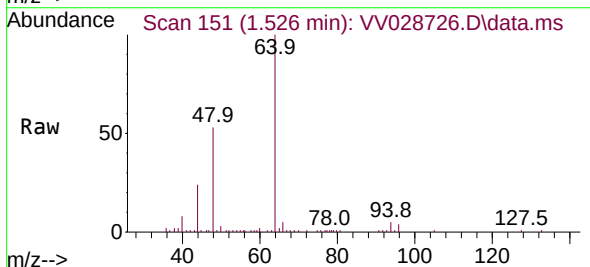
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MSVOA_V
ClientSampleId :
BHAC6

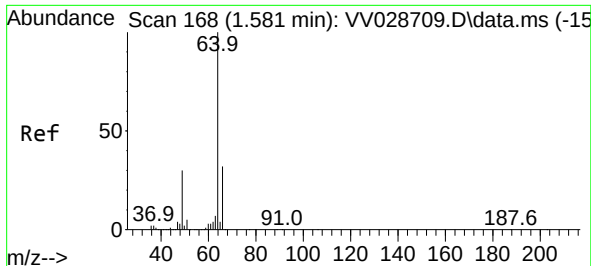
Tgt Ion: 50 Resp: 1975
Ion Ratio Lower Upper
50 100
52 31.0 21.8 40.6



#6
Bromomethane
Concen: 0.127 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.006 min
Lab File: VV028726.D
Acq: 27 Oct 2022 18:05

Tgt Ion: 94 Resp: 1445
Ion Ratio Lower Upper
94 100
96 71.0 64.3 119.3

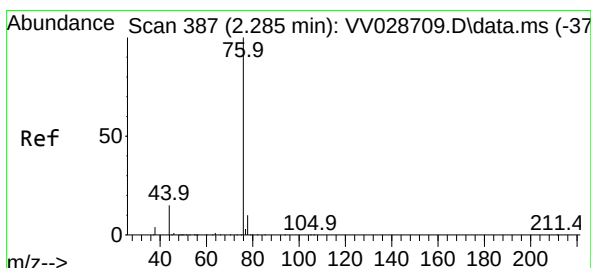
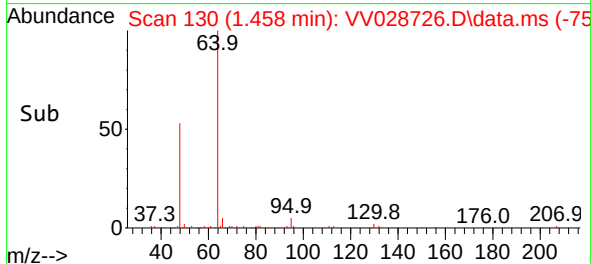
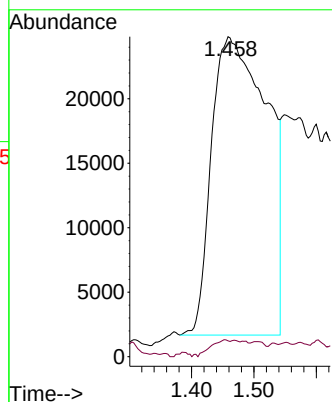
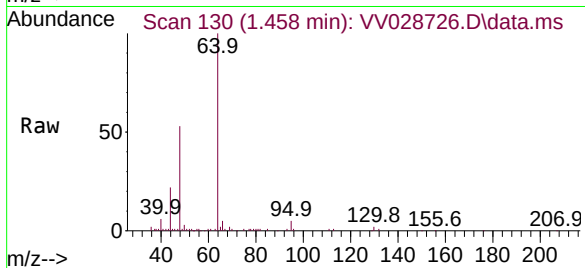




#8
Chloroethane
Concen: 8.868 ug/L
RT: 1.458 min Scan# 11
Delta R.T. -0.122 min
Lab File: VV028726.D
Acq: 27 Oct 2022 18:05

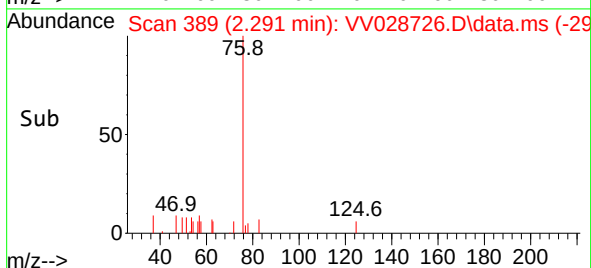
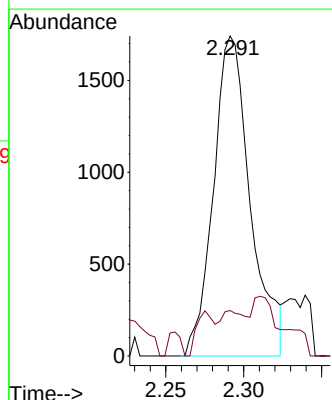
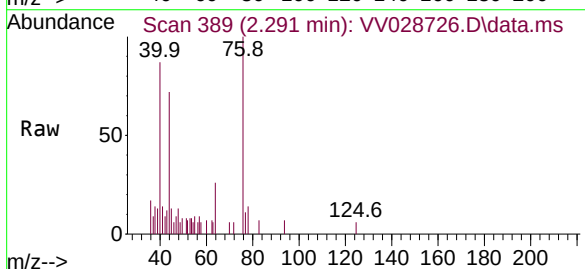
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ClientSampleId :
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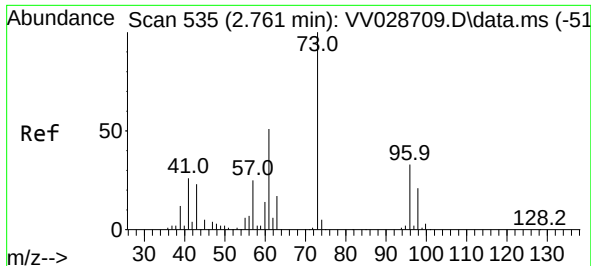
Tgt Ion: 64 Resp: 143668
Ion Ratio Lower Upper
64 100
66 5.0 23.9 44.5#



#14
Carbon disulfide
Concen: 0.074 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV028726.D
Acq: 27 Oct 2022 18:05

Tgt Ion: 76 Resp: 2870
Ion Ratio Lower Upper
76 100
78 14.2 7.1 10.7#

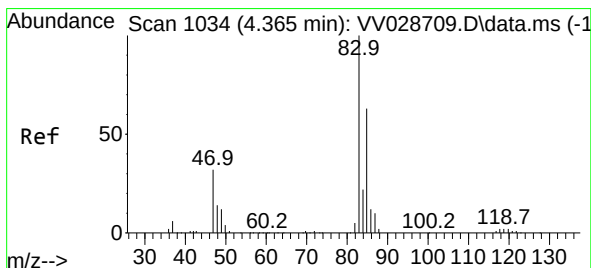
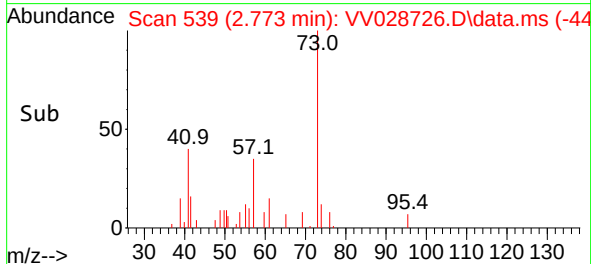
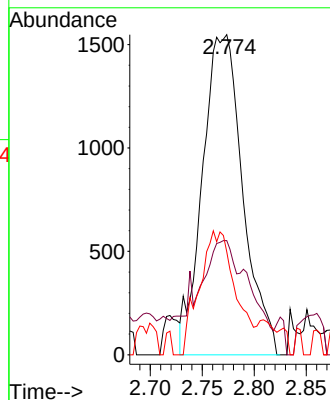
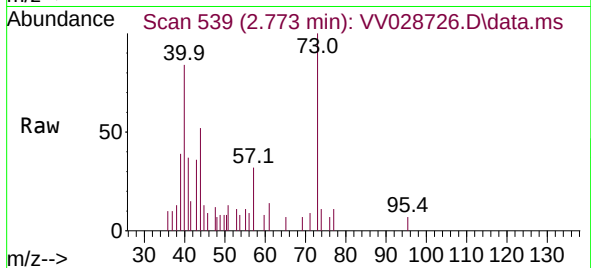




#17
Methyl tert-butyl Ether
Concen: 0.095 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV028726.D
Acq: 27 Oct 2022 18:05

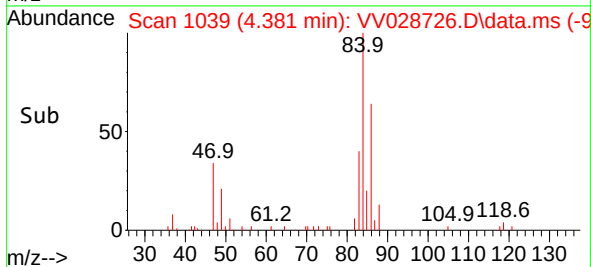
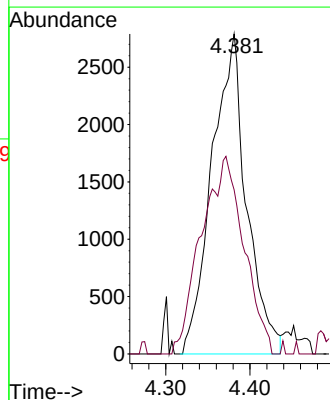
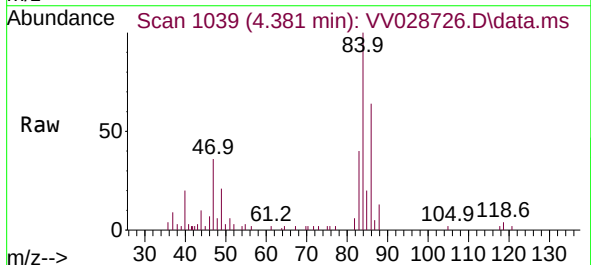
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ClientSampleId :
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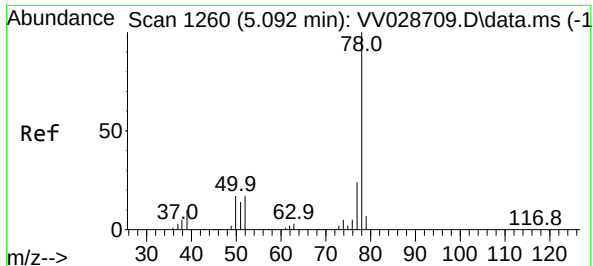
Tgt Ion: 73 Resp: 4177
Ion Ratio Lower Upper
73 100
43 27.0 18.0 27.0#
57 34.5 20.0 30.0#



#25
Chloroform
Concen: 0.201 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.016 min
Lab File: VV028726.D
Acq: 27 Oct 2022 18:05

Tgt Ion: 83 Resp: 7964
Ion Ratio Lower Upper
83 100
85 51.3 44.1 81.9

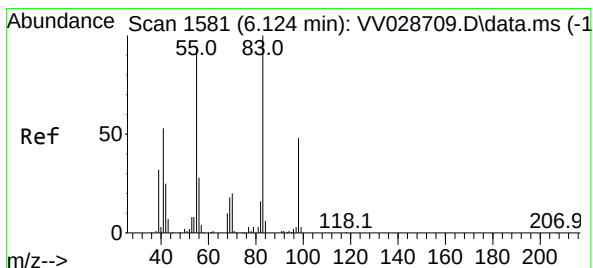
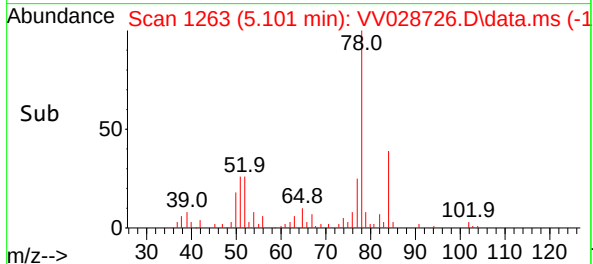
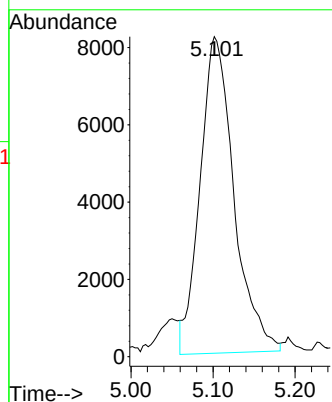
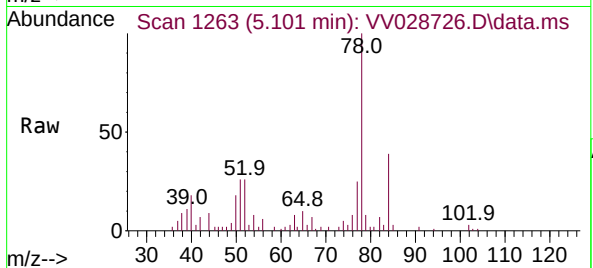




#33
Benzene
Concen: 0.282 ug/L
RT: 5.101 min Scan# 1563
Delta R.T. 0.010 min
Lab File: VV028726.D
Acq: 27 Oct 2022 18:05

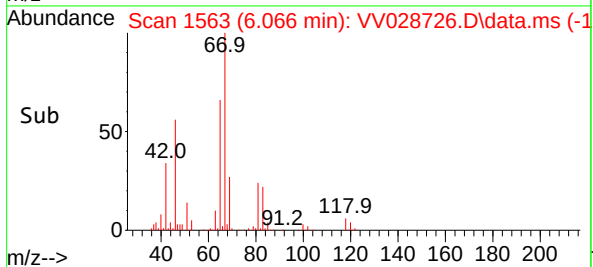
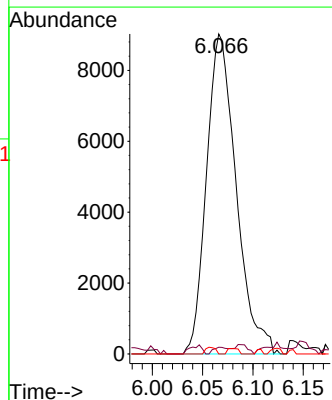
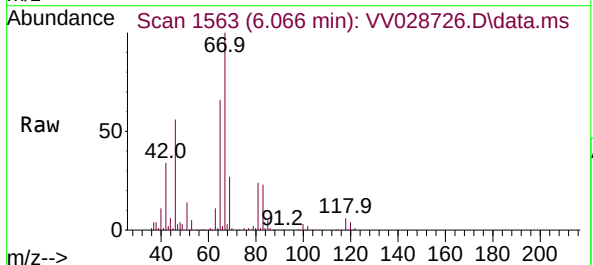
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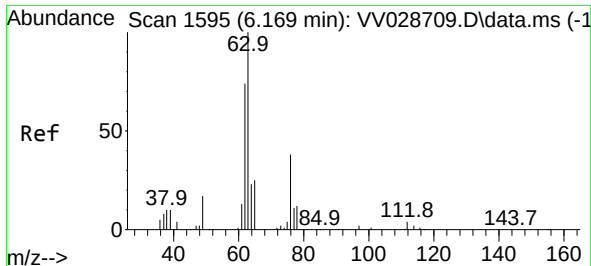
Tgt Ion: 78 Resp: 23500



#35
Methylcyclohexane
Concen: 0.648 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028726.D
Acq: 27 Oct 2022 18:05

Tgt Ion: 83 Resp: 18485
Ion Ratio Lower Upper
83 100
55 1.0 70.0 105.0#
98 0.7 35.6 53.4#





#37

1,2-Dichloropropane

Concen: 0.381 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV028726.D

Acq: 27 Oct 2022 18:05

Instrument :

MSVOA_V

ClientSampleId :

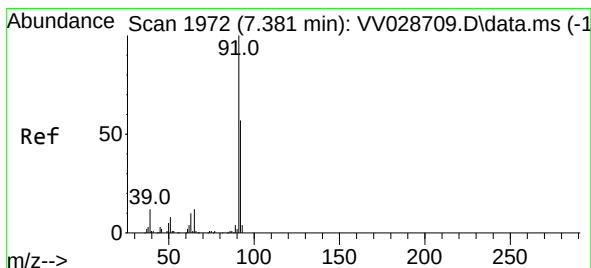
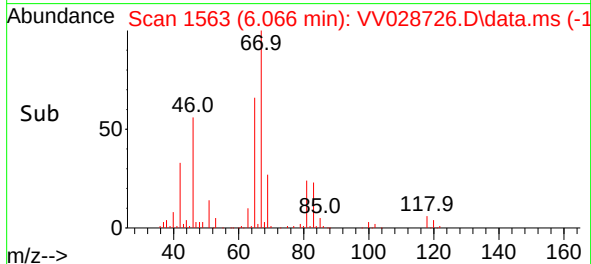
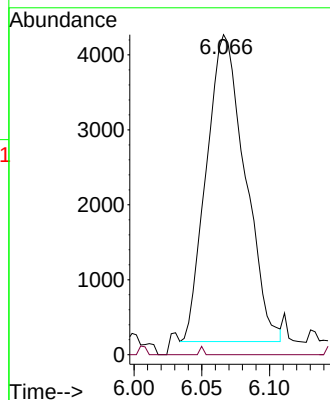
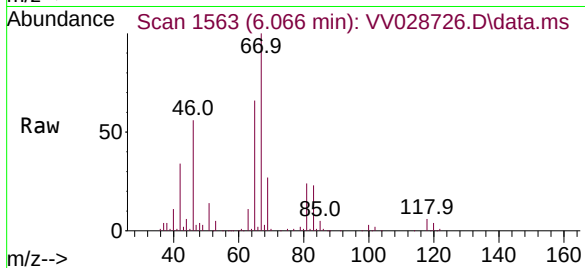
BHAC6

Tgt Ion: 63 Resp: 8124

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#42

Toluene

Concen: 0.207 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.013 min

Lab File: VV028726.D

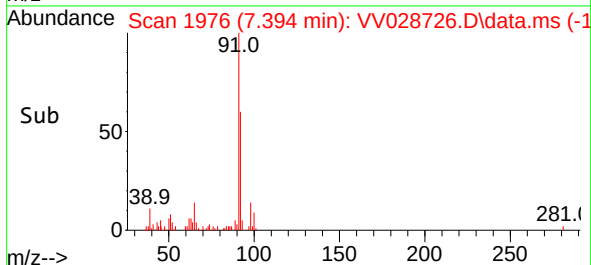
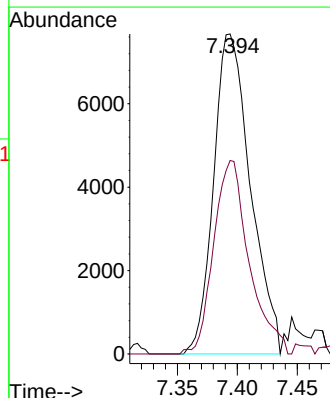
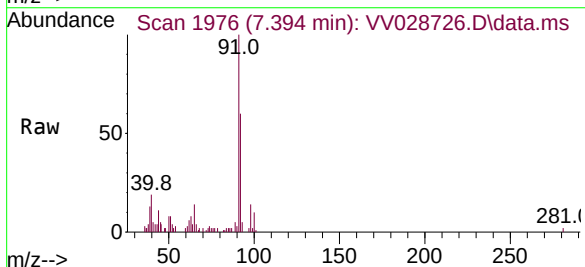
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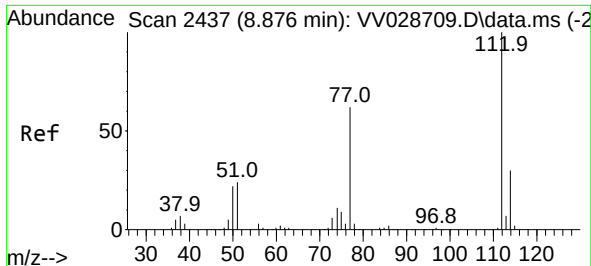
Tgt Ion: 91 Resp: 16388

Ion Ratio Lower Upper

91 100

92 60.5 40.5 75.3

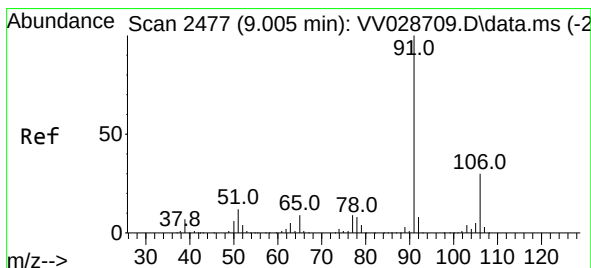
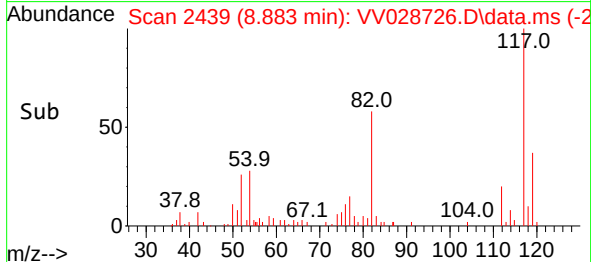
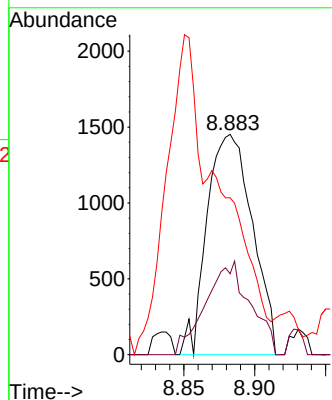
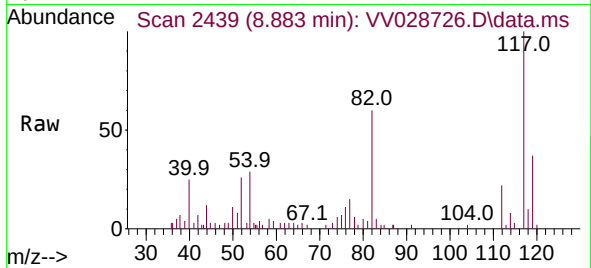




#51
Chlorobenzene
Concen: 0.065 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.006 min
Lab File: VV028726.D
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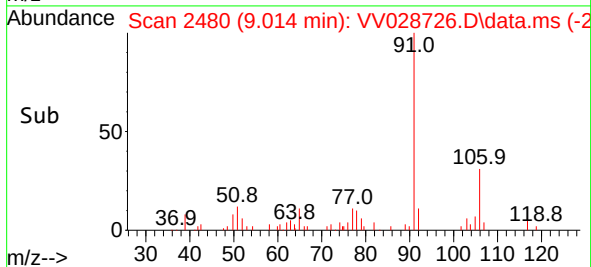
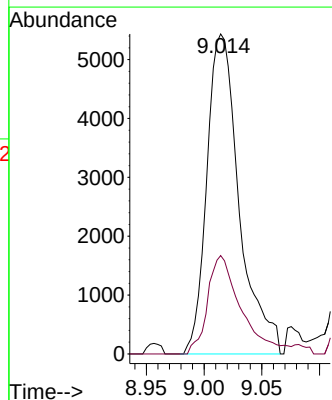
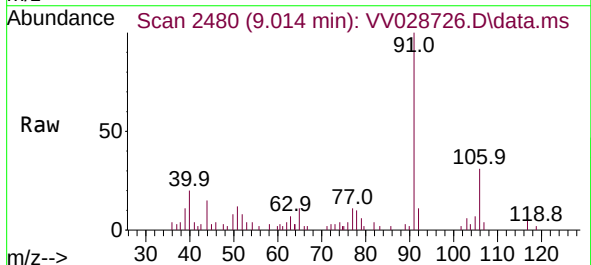
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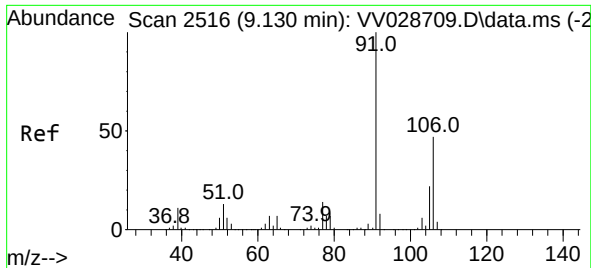
Tgt Ion:112 Resp: 3239
Ion Ratio Lower Upper
112 100
114 36.8 22.0 41.0
77 71.3 50.0 75.0



#52
Ethylbenzene
Concen: 0.121 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.010 min
Lab File: VV028726.D
Acq: 27 Oct 2022 18:05

Tgt Ion: 91 Resp: 10615
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.6

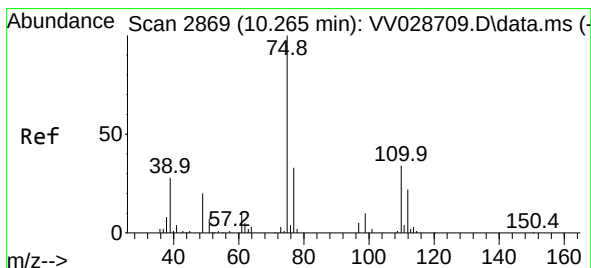
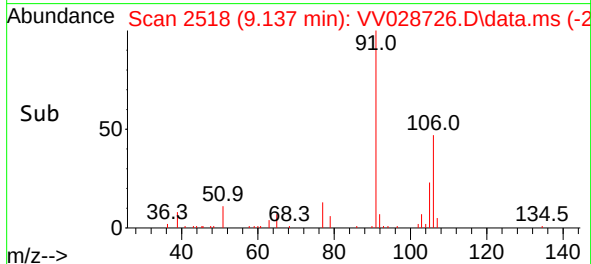
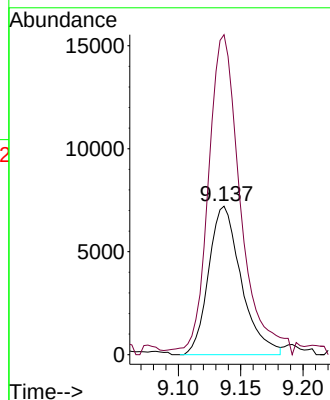
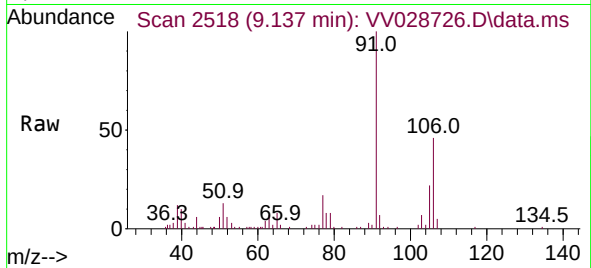




#53
m,p-Xylene
Concen: 0.414 ug/L
RT: 9.137 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028726.D
Acq: 27 Oct 2022 18:05

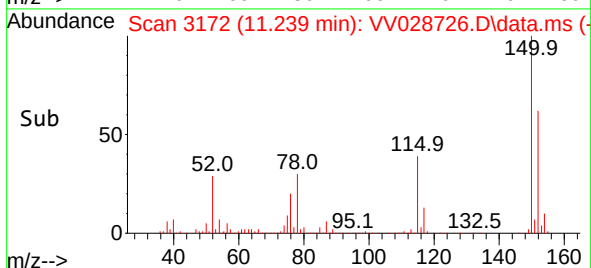
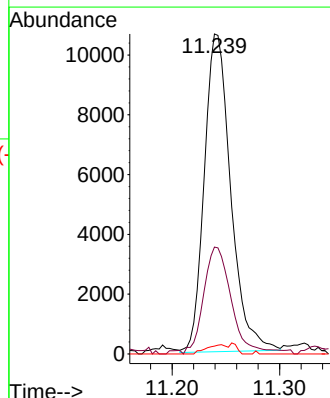
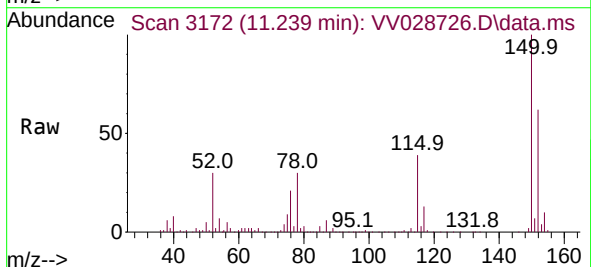
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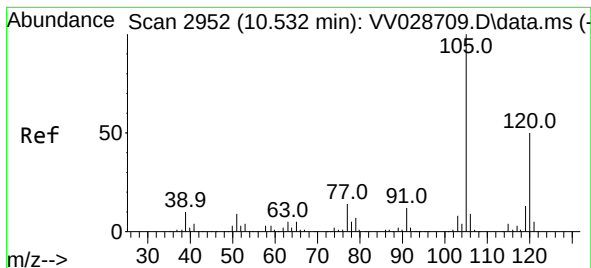
Tgt Ion:106 Resp: 13144
Ion Ratio Lower Upper
106 100
91 215.6 145.5 270.1



#61
1,2,3-Trichloropropane
Concen: 1.737 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV028726.D
Acq: 27 Oct 2022 18:05

Tgt Ion: 75 Resp: 18168
Ion Ratio Lower Upper
75 100
77 35.6 25.2 37.8
110 2.3 27.9 41.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.156 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.383 min

Lab File: VV028726.D

Acq: 27 Oct 2022 18:05

Instrument :

MSVOA_V

ClientSampleId :

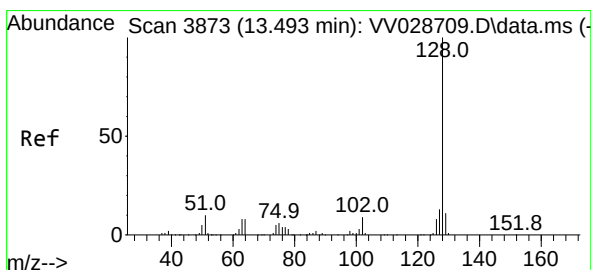
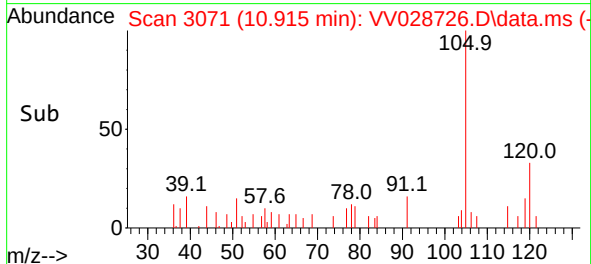
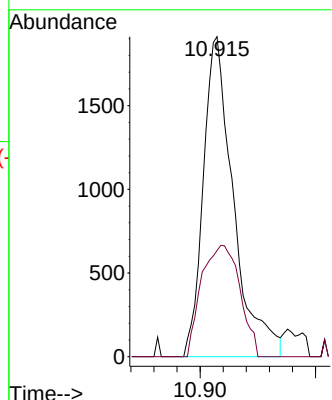
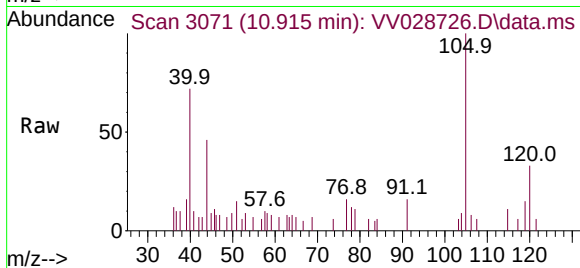
BHAC6

Tgt Ion:105 Resp: 3477

Ion Ratio Lower Upper

105 100

120 44.1 38.3 57.5



#71

Naphthalene

Concen: 0.097 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.013 min

Lab File: VV028726.D

Acq: 27 Oct 2022 18:05

Tgt Ion:128 Resp: 3165

Ion Ratio Lower Upper

128 100

129 13.4 8.9 13.3#

127 15.6 10.2 15.4#

