

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026462.D
 Acq On : 20 Jun 2022 21:48
 Operator : SY/MD
 Sample : N3355-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY0D2

Quant Time: Jun 21 05:41:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.628	114	135517	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	122345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50666	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	69069	5.868	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.400%
7) Chloroethane-d5	1.584	69	61178	6.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.200%#
11) 1,1-Dichloroethene-d2	2.124	63	96268	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.928	46	90965	79.201	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	158.400%#
24) Chloroform-d	4.365	84	131082	7.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	152.000%#
26) 1,2-Dichloroethane-d4	5.047	65	54736	7.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	150.000%#
32) Benzene-d6	5.063	84	255912	7.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	156.400%#
36) 1,2-Dichloropropane-d6	6.079	67	76441	8.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	160.200%#
41) Toluene-d8	7.320	98	206750	6.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	138.600%#
43) trans-1,3-Dichloroprop...	7.632	79	13719	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.095	63	69616	74.449	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	148.900%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46964	7.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	159.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	64118	8.216	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	164.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	5154	0.458	ug/L	92
6) Bromomethane	1.539	94	551	0.084	ug/L	73
8) Chloroethane	1.613	64	3105	0.428	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	905	0.097	ug/L #	24
12) 1,1-Dichloroethene	2.124	96	786	0.092	ug/L #	1
25) Chloroform	4.391	83	2956	0.172	ug/L	97
27) 1,2-Dichloroethane	5.069	62	1329	0.170	ug/L #	71
35) Methylcyclohexane	6.075	83	18130	1.531	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7584	0.924	ug/L #	88
39) cis-1,3-Dichloropropene	6.998	75	1179	0.126	ug/L #	70
53) m,p-Xylene	9.152	106	759	0.059	ug/L	65
60) Isopropylbenzene	10.461	105	1547	0.057	ug/L #	70
61) 1,2,3-Trichloropropane	11.249	75	5981	1.819	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.918	105	3303	0.154	ug/L	91
63) 1,2,4-Trimethylbenzene	10.918	105	3303	0.156	ug/L	97
71) Naphthalene	13.512	128	2042	0.208	ug/L #	88

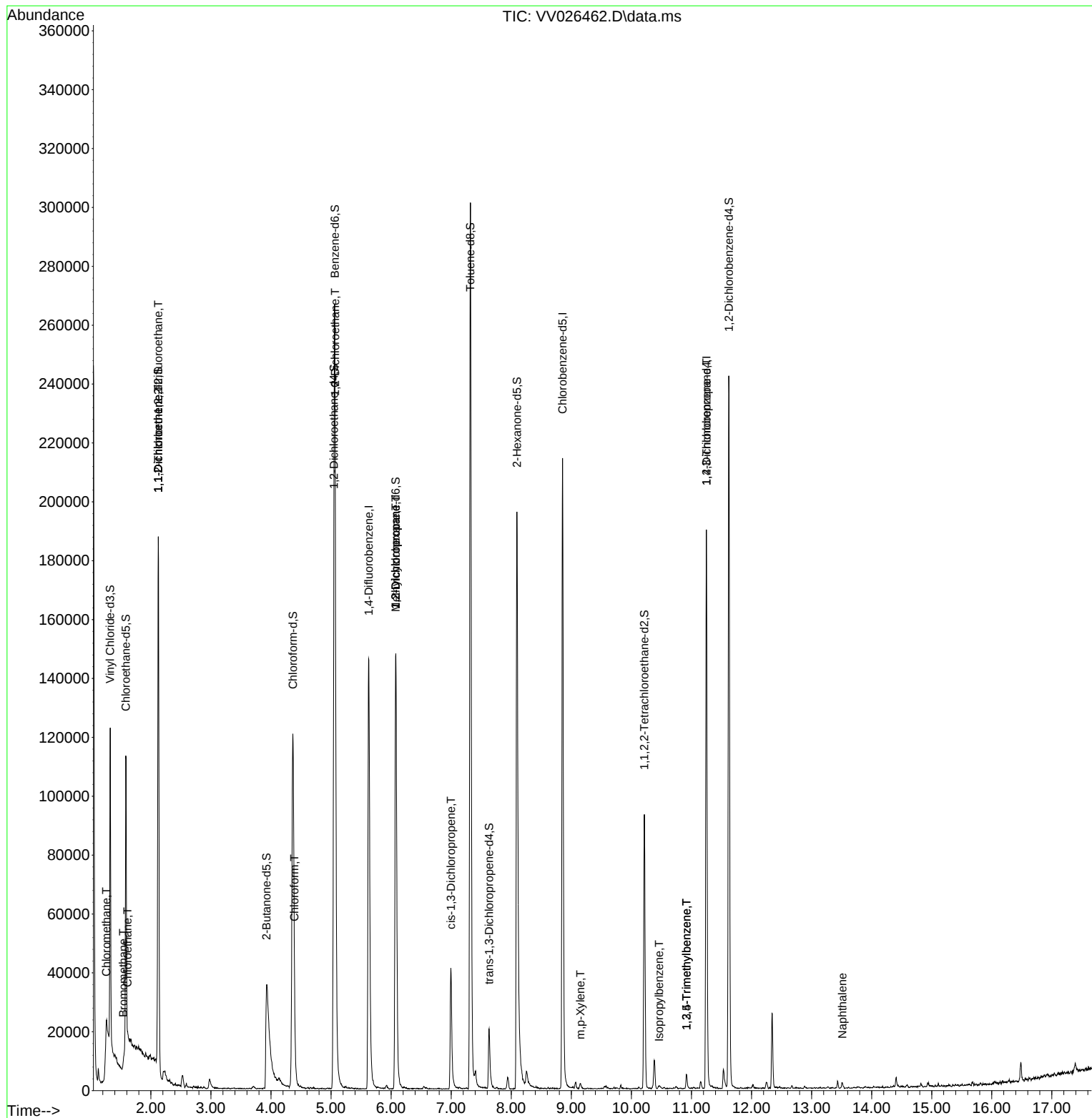
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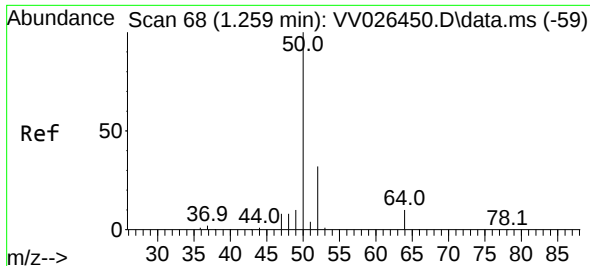
Instrument :
MSVOA_V
ClientSampleId :
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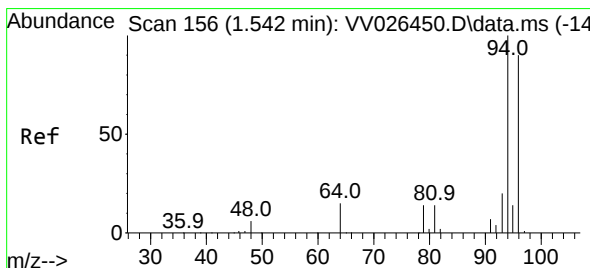
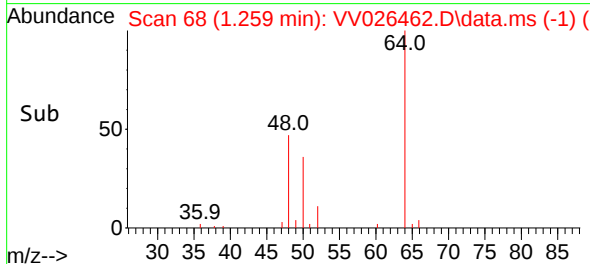
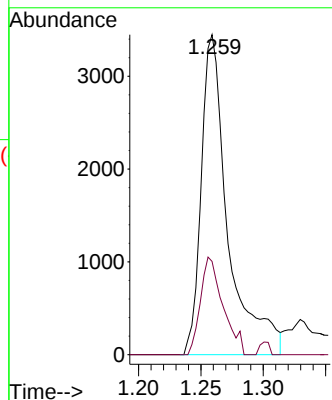
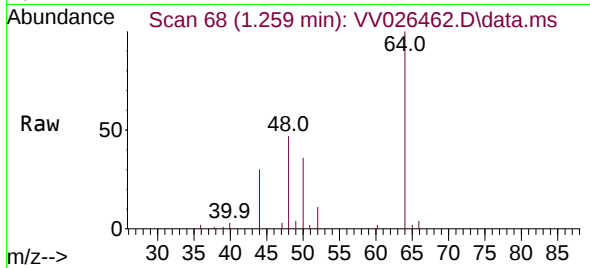




#3
Chloromethane
Concen: 0.458 ug/L
RT: 1.259 min Scan# 68
Delta R.T. -0.000 min
Lab File: VV026462.D
Acq: 20 Jun 2022 21:48

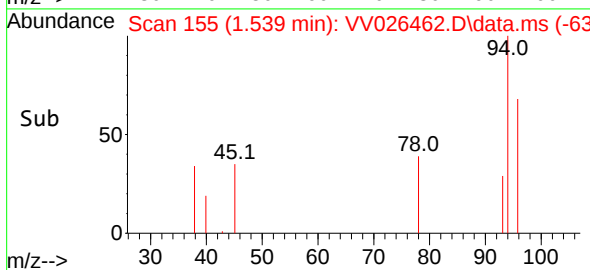
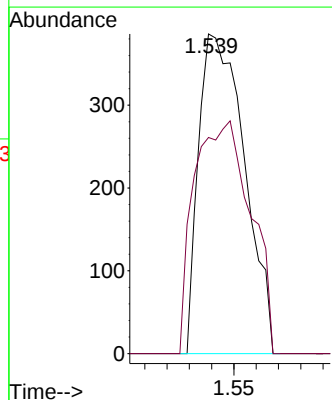
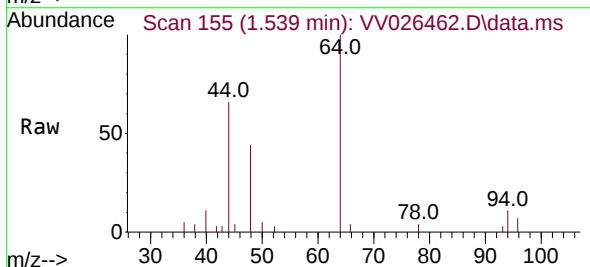
Instrument :
MSVOA_V
ClientSampleId :
EY0D2

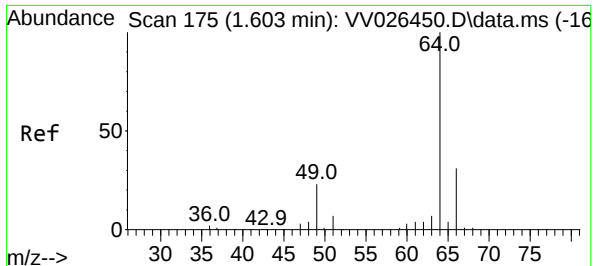
Tgt Ion: 50 Resp: 5154
Ion Ratio Lower Upper
50 100
52 29.2 23.7 44.1



#6
Bromomethane
Concen: 0.084 ug/L
RT: 1.539 min Scan# 155
Delta R.T. -0.003 min
Lab File: VV026462.D
Acq: 20 Jun 2022 21:48

Tgt Ion: 94 Resp: 551
Ion Ratio Lower Upper
94 100
96 67.6 65.7 121.9

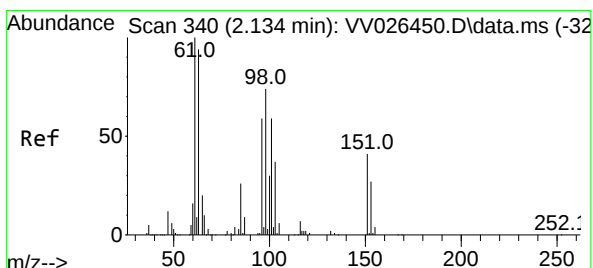
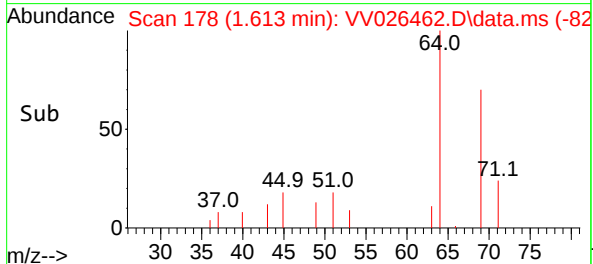
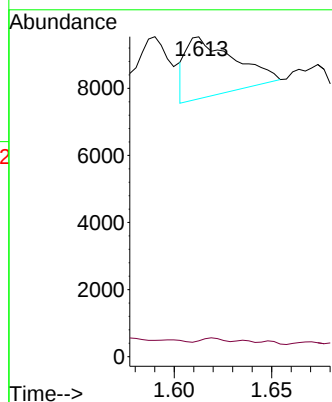
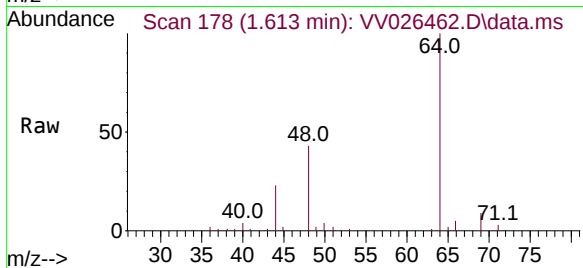




#8
Chloroethane
Concen: 0.428 ug/L
RT: 1.613 min Scan# 11
Delta R.T. 0.009 min
Lab File: VV026462.D
Acq: 20 Jun 2022 21:48

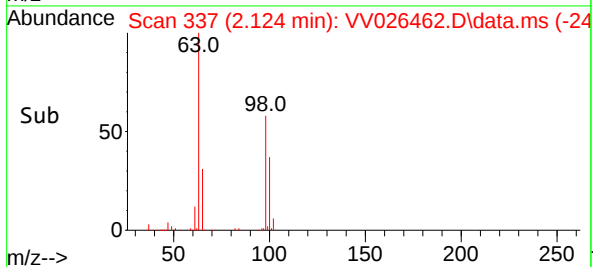
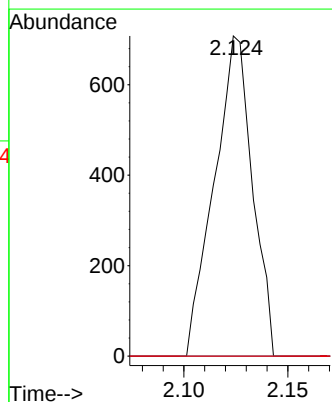
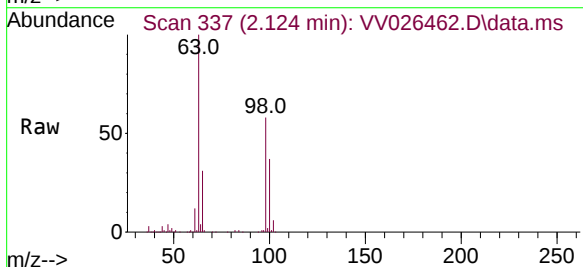
Instrument :
MSVOA_V
ClientSampleId :
EY0D2

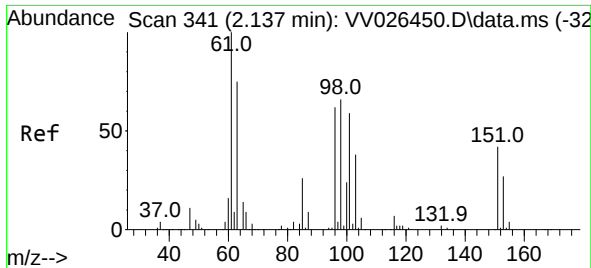
Tgt Ion: 64 Resp: 3105
Ion Ratio Lower Upper
64 100
66 5.0 24.1 44.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.097 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.010 min
Lab File: VV026462.D
Acq: 20 Jun 2022 21:48

Tgt Ion: 101 Resp: 905
Ion Ratio Lower Upper
101 100
85 5.2 35.3 52.9#
151 0.0 56.8 85.2#

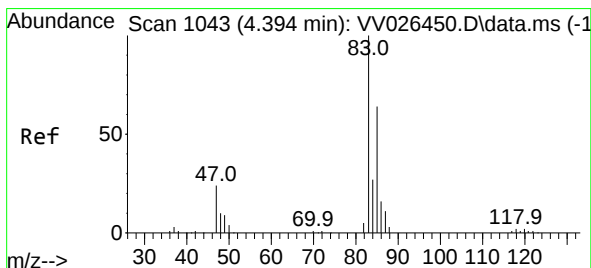
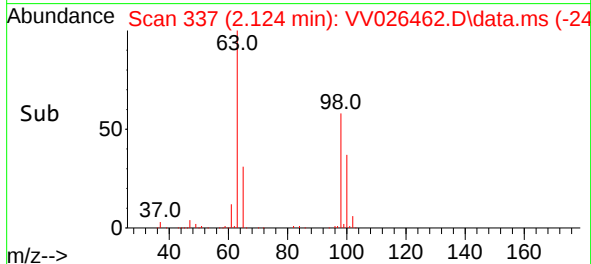
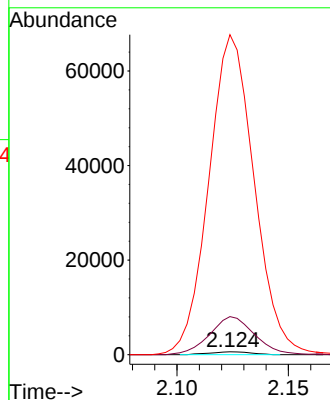
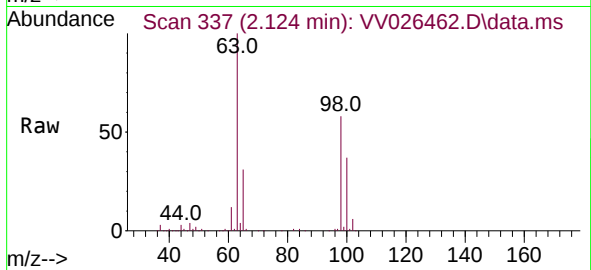




#12
1,1-Dichloroethene
Concen: 0.092 ug/L
RT: 2.124 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV026462.D
Acq: 20 Jun 2022 21:48

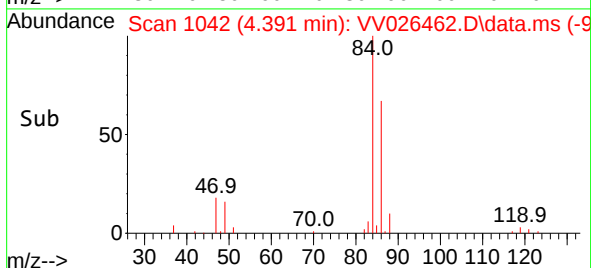
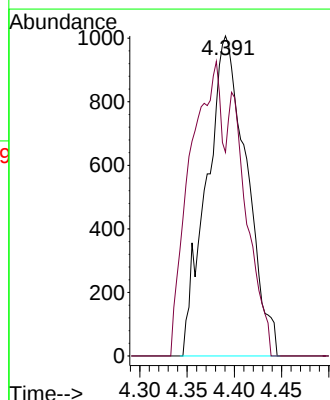
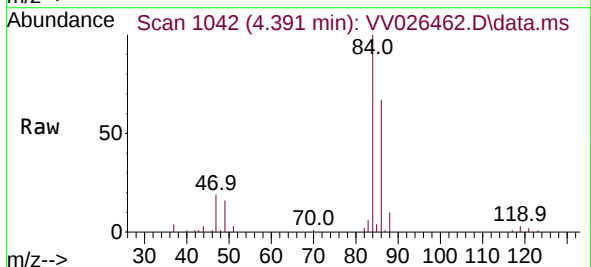
Instrument :
MSVOA_V
ClientSampleId :
EY0D2

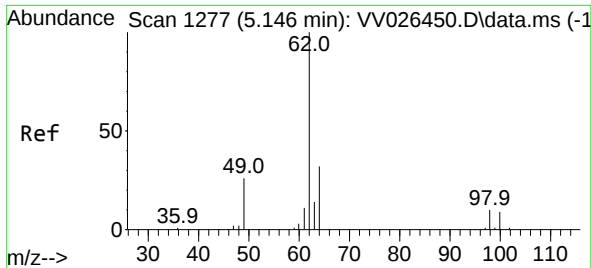
Tgt Ion: 96 Resp: 786
Ion Ratio Lower Upper
96 100
61 1316.5 117.1 217.5#
63 11058.8 92.8 172.4#



#25
Chloroform
Concen: 0.172 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. -0.003 min
Lab File: VV026462.D
Acq: 20 Jun 2022 21:48

Tgt Ion: 83 Resp: 2956
Ion Ratio Lower Upper
83 100
85 63.7 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.170 ug/L

RT: 5.069 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV026462.D

Acq: 20 Jun 2022 21:48

Instrument :

MSVOA_V

ClientSampleId :

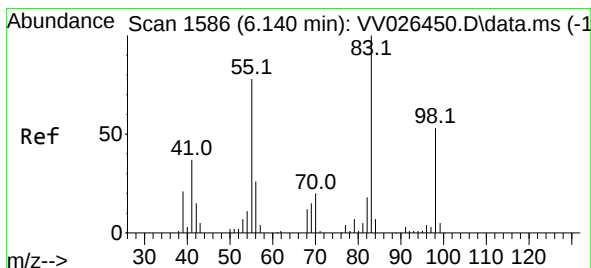
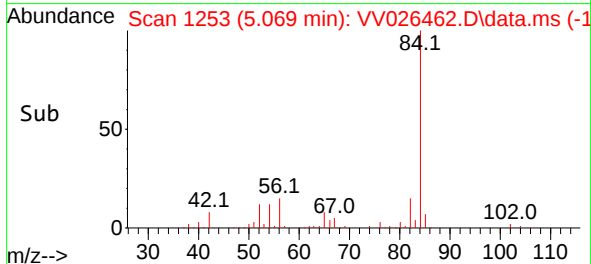
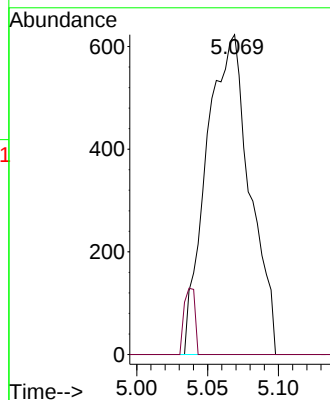
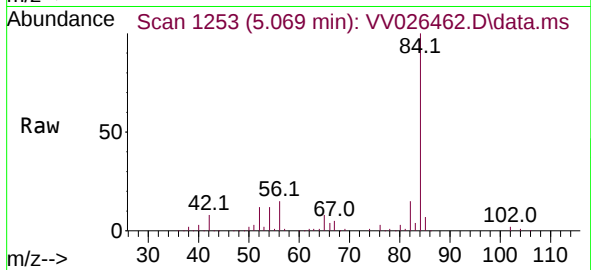
EY0D2

Tgt Ion: 62 Resp: 1329

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#35

Methylcyclohexane

Concen: 1.531 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.064 min

Lab File: VV026462.D

Acq: 20 Jun 2022 21:48

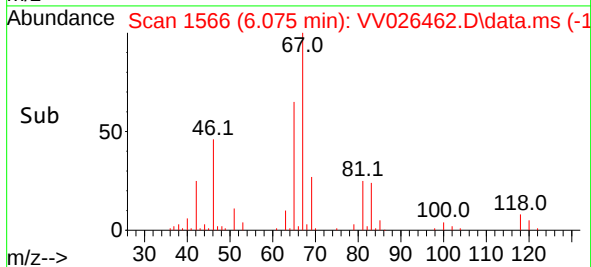
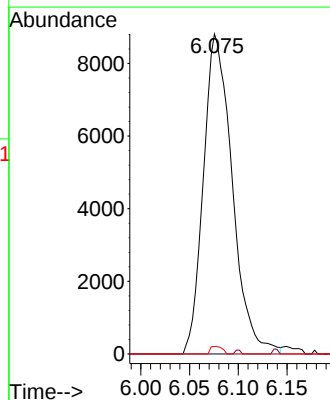
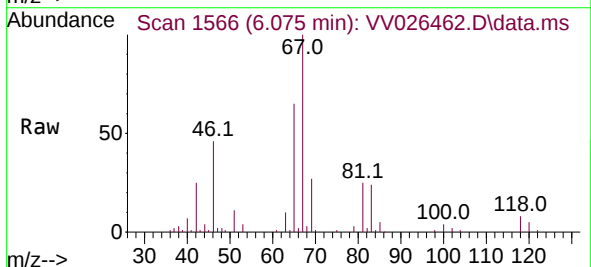
Tgt Ion: 83 Resp: 18130

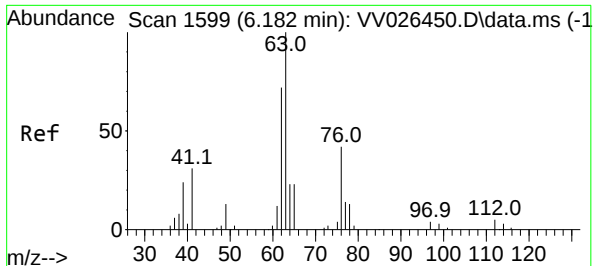
Ion Ratio Lower Upper

83 100

55 0.2 59.3 88.9#

98 1.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.924 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026462.D

Acq: 20 Jun 2022 21:48

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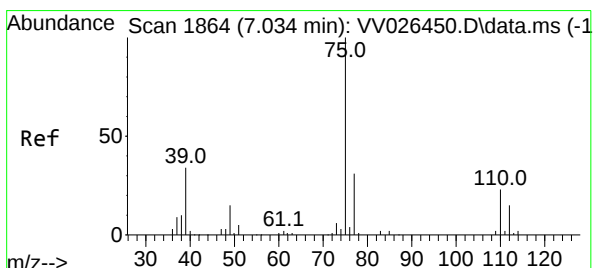
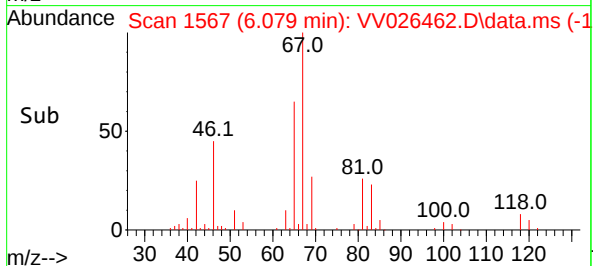
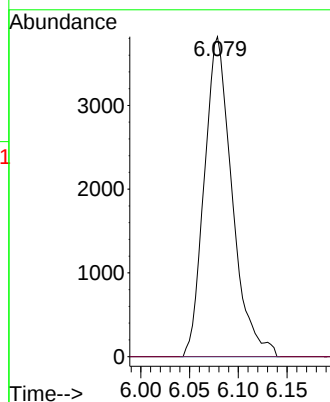
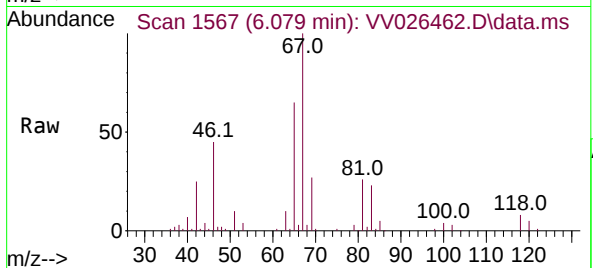
EY0D2

Tgt Ion: 63 Resp: 7584

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.036 min

Lab File: VV026462.D

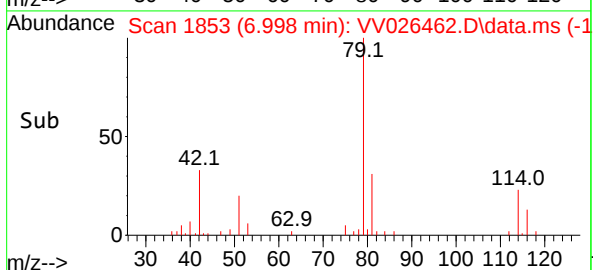
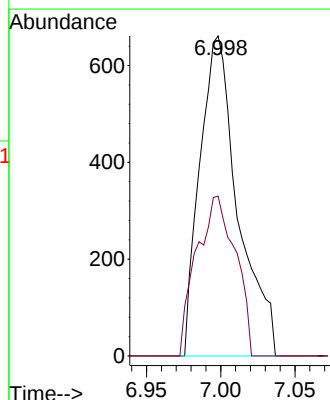
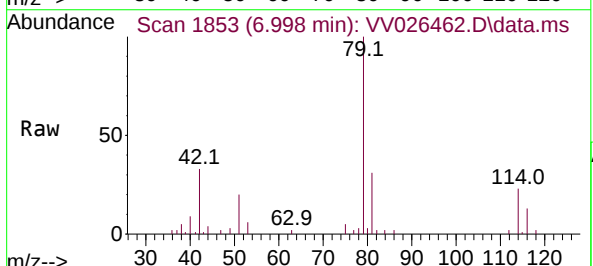
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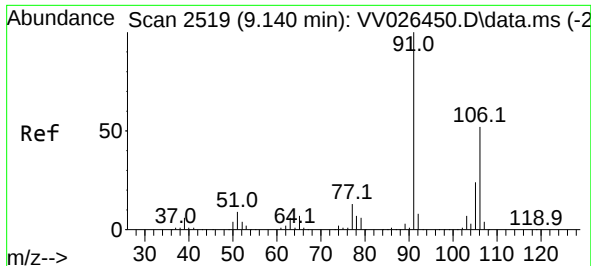
Tgt Ion: 75 Resp: 1179

Ion Ratio Lower Upper

75 100

77 49.9 23.0 42.6#

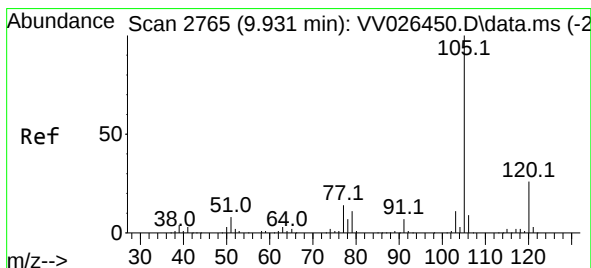
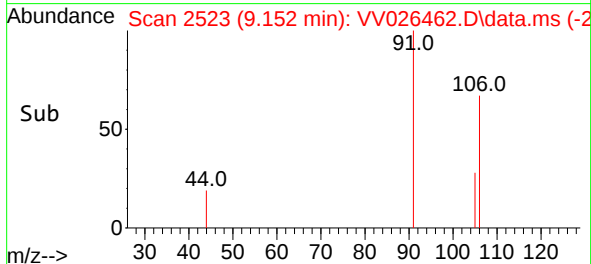
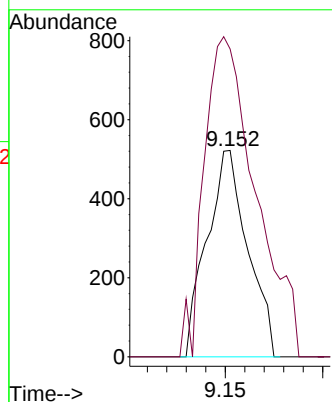
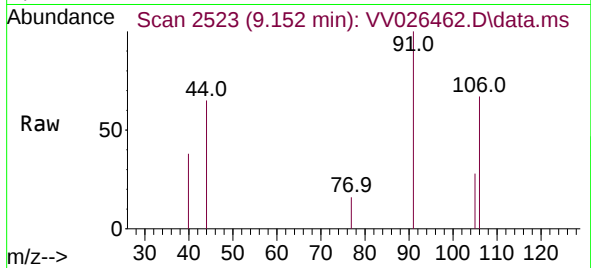




#53
 m,p-Xylene
 Concen: 0.059 ug/L
 RT: 9.152 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV026462.D
 Acq: 20 Jun 2022 21:48

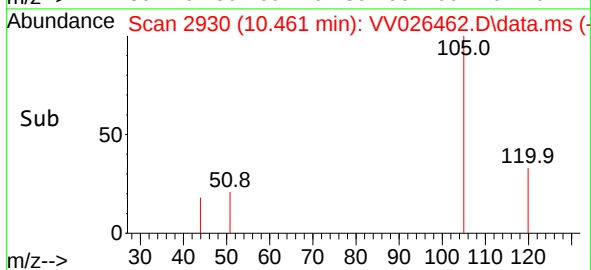
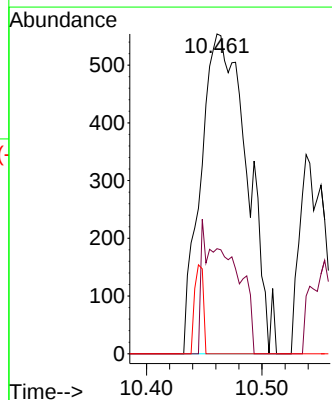
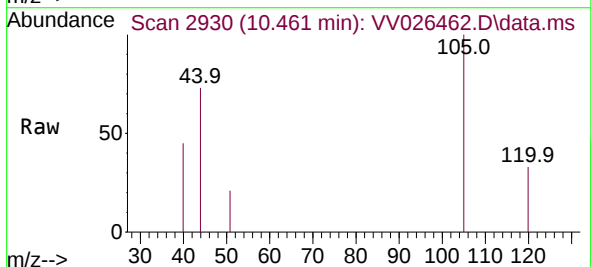
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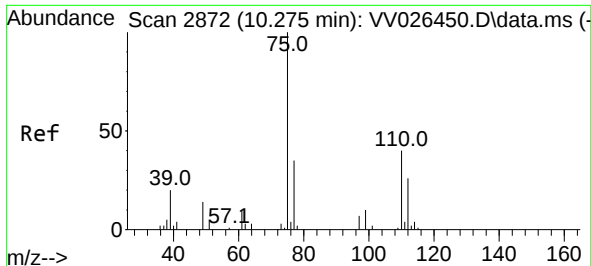
Tgt Ion:106 Resp: 759
 Ion Ratio Lower Upper
 106 100
 91 149.2 141.3 262.3



#60
 Isopropylbenzene
 Concen: 0.057 ug/L
 RT: 10.461 min Scan# 2930
 Delta R.T. 0.530 min
 Lab File: VV026462.D
 Acq: 20 Jun 2022 21:48

Tgt Ion:105 Resp: 1547
 Ion Ratio Lower Upper
 105 100
 120 9.3 21.5 32.3#
 77 5.2 12.2 18.4#

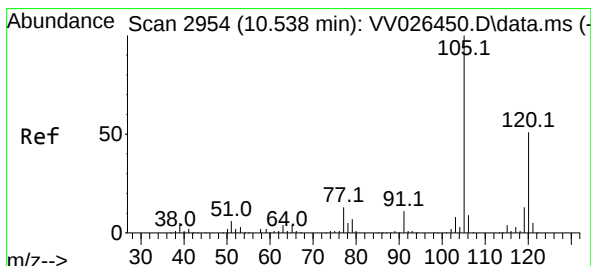
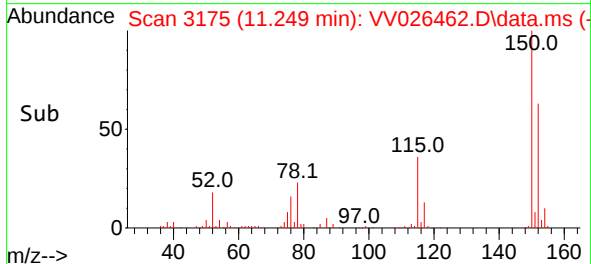
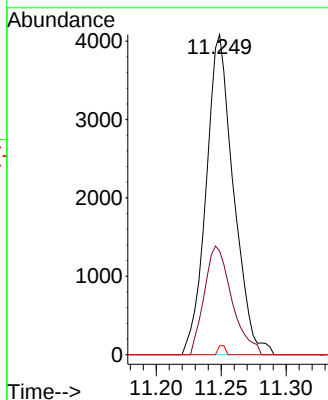
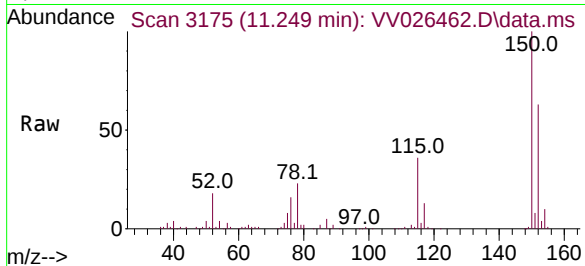




#61
 1,2,3-Trichloropropane
 Concen: 1.819 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV026462.D
 Acq: 20 Jun 2022 21:48

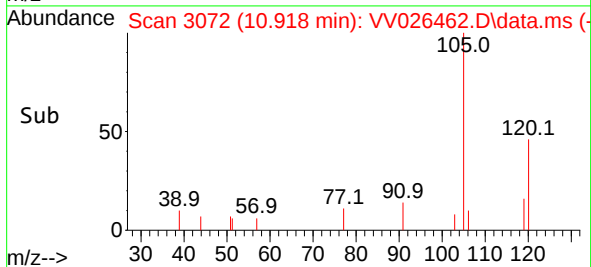
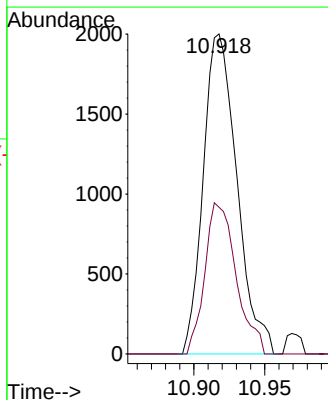
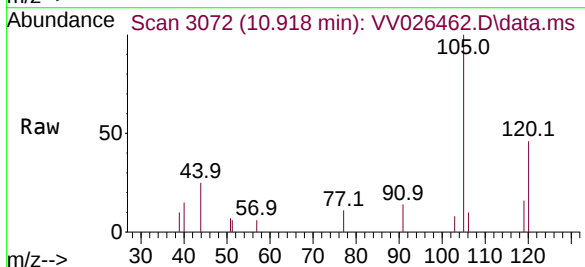
Instrument :
 MSVOA_V
 ClientSampleId :
 EY0D2

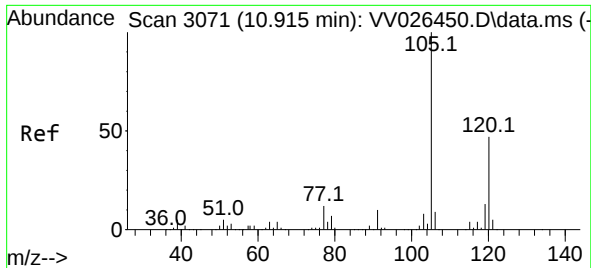
Tgt Ion: 75 Resp: 5981
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.9 40.3
 110 0.7 30.7 46.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.154 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.379 min
 Lab File: VV026462.D
 Acq: 20 Jun 2022 21:48

Tgt Ion: 105 Resp: 3303
 Ion Ratio Lower Upper
 105 100
 120 43.9 39.9 59.9

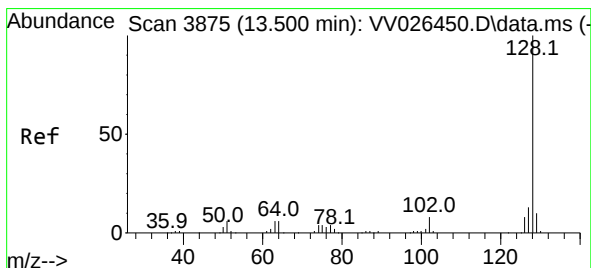
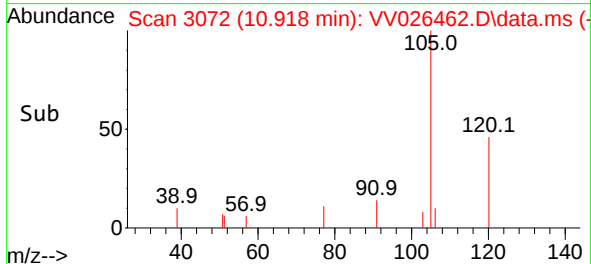
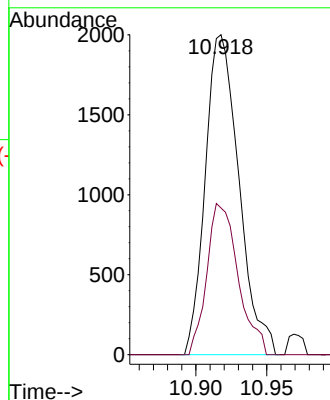
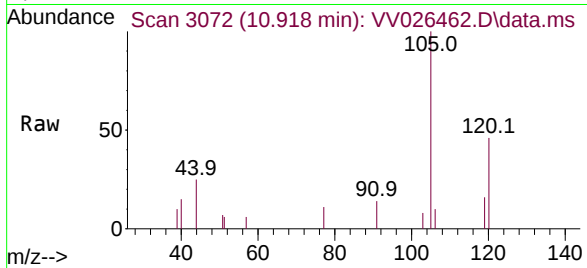




#63
1,2,4-Trimethylbenzene
Concen: 0.156 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV026462.D
Acq: 20 Jun 2022 21:48

Instrument :
MSVOA_V
ClientSampleId :
EY0D2

Tgt Ion:105 Resp: 3303
Ion Ratio Lower Upper
105 100
120 43.9 36.9 55.3



#71
Naphthalene
Concen: 0.208 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV026462.D
Acq: 20 Jun 2022 21:48

Tgt Ion:128 Resp: 2042
Ion Ratio Lower Upper
128 100
129 9.7 8.7 13.1
127 5.5 10.6 16.0#

