

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070822\
 Data File : VW026703.D
 Acq On : 08 Jul 2022 17:59
 Operator : SY/MD
 Sample : N3601-19 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB2

Quant Time: Jul 08 23:58:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	183278	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	177000	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	52720	3.577	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.600%	
7) Chloroethane-d5	1.580	69	51869	4.380	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.121	63	76090	2.905	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.200%#	
20) 2-Butanone-d5	3.928	46	79277	54.099	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.200%	
24) Chloroform-d	4.362	84	113549	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.046	65	47094	5.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.059	84	200995	3.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.000%	
36) 1,2-Dichloropropane-d6	6.075	67	66415	4.750	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.320	98	146366	3.201	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.000%#	
43) trans-1,3-Dichloroprop...	7.632	79	11499	3.182	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	63.600%	
46) 2-Hexanone-d5	8.095	63	68699	49.910	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.820%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46435	5.077	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	53704	4.659	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						Qvalue
3) Chloromethane	1.256	50	1522	0.100	ug/L	96
5) Vinyl chloride	1.326	62	4700	0.289	ug/L #	1
6) Bromomethane	1.539	94	1131	0.129	ug/L	84
8) Chloroethane	1.323	64	4296	0.389	ug/L	93
12) 1,1-Dichloroethene	2.127	96	2172	0.175	ug/L #	1
16) Methylene chloride	2.522	84	8034	0.611	ug/L	98
18) trans-1,2-Dichloroethene	2.780	96	6257	0.495	ug/L	90
22) cis-1,2-Dichloroethene	3.924	96	160698	12.814	ug/L	98
33) Benzene	5.117	78	2375	0.046	ug/L	100
34) Trichloroethene	5.918	95	289015	21.272	ug/L	96
37) 1,2-Dichloropropane	6.079	63	6523	0.524	ug/L #	84
39) cis-1,3-Dichloropropene	6.998	75	921	0.074	ug/L	88
47) Tetrachloroethene	7.976	164	346185	32.003	ug/L	99
49) Dibromochloromethane	7.976	129	316593	39.805	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7176	1.591	ug/L #	64
71) Naphthalene	13.509	128	944	0.068	ug/L #	72

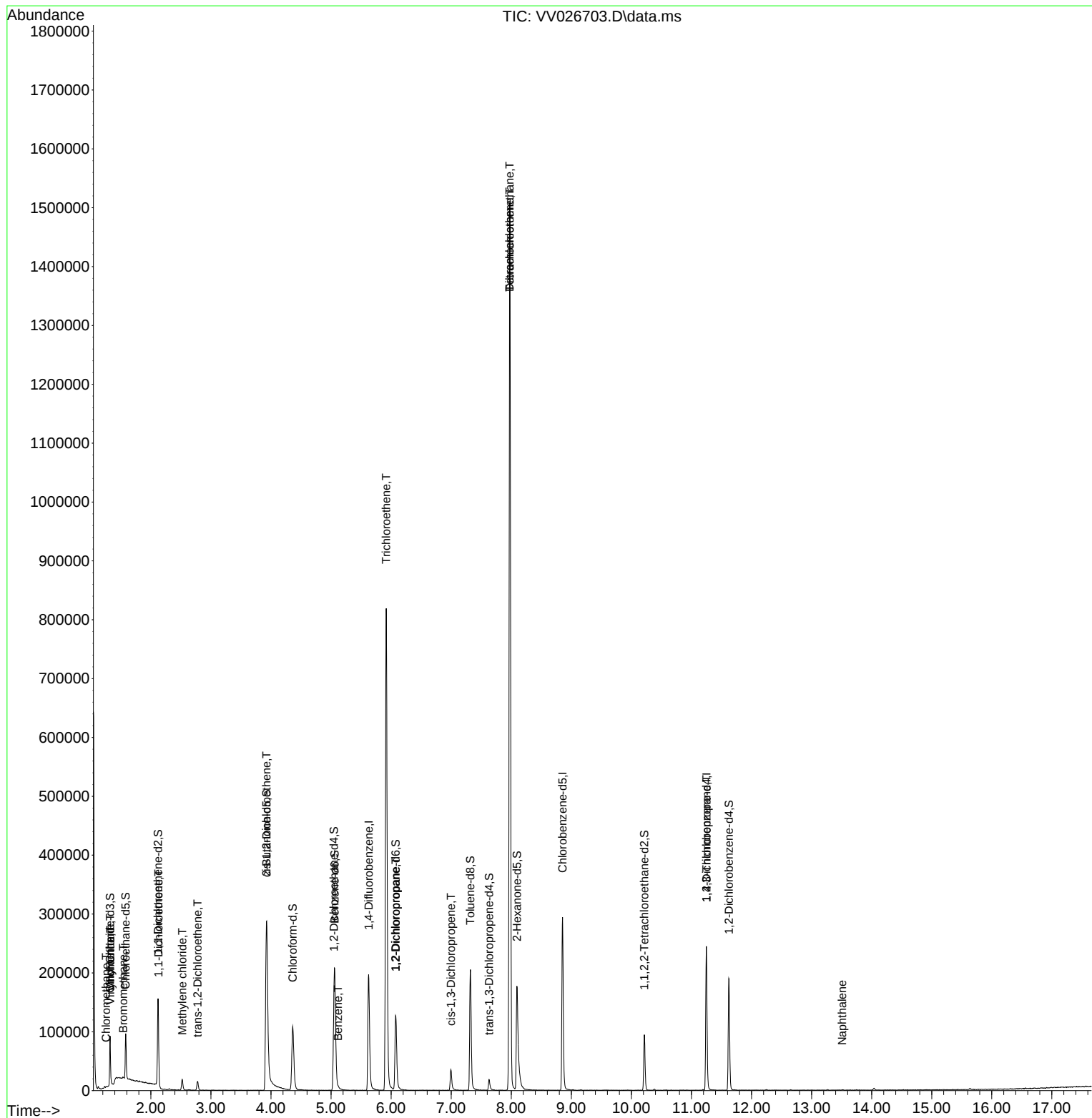
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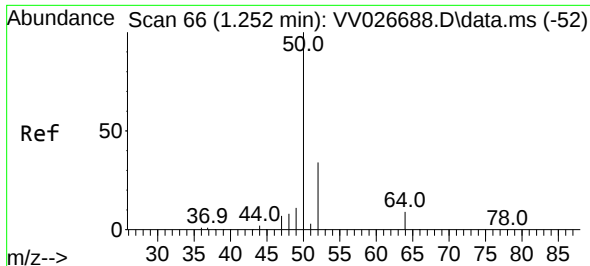
Instrument :
MSVOA_V
ClientSampleId :
DBUB2

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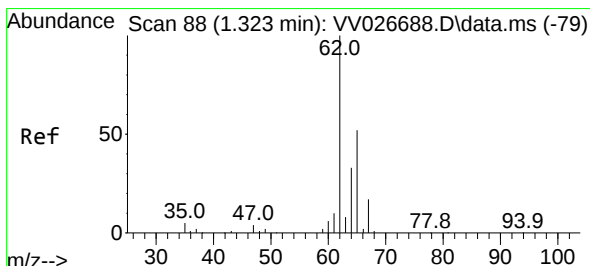
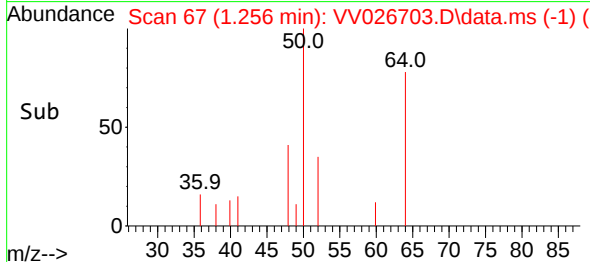
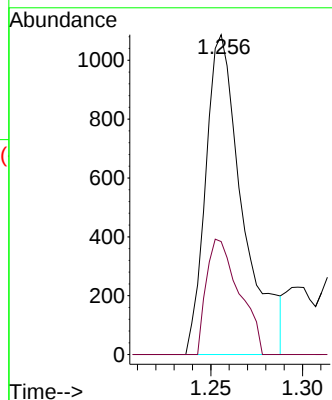
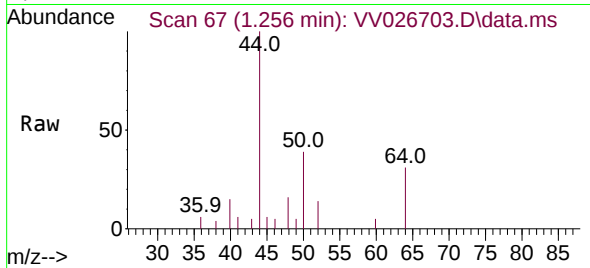




#3
Chloromethane
Concen: 0.100 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

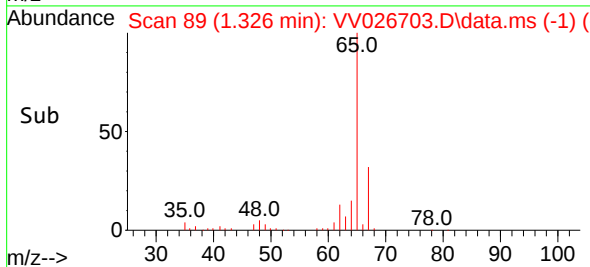
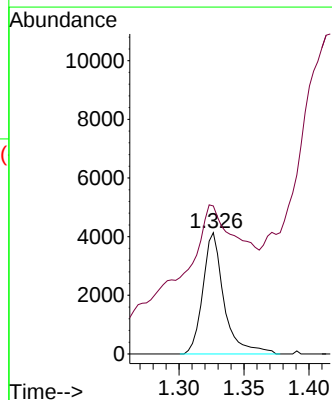
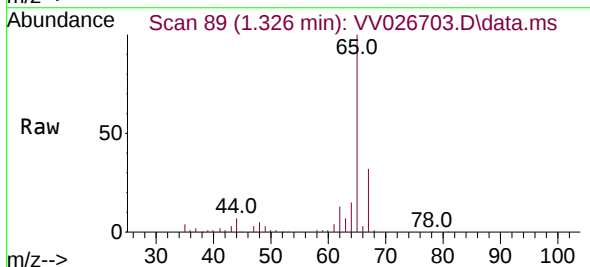
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MSVOA_V
ClientSampleId :
DBUB2

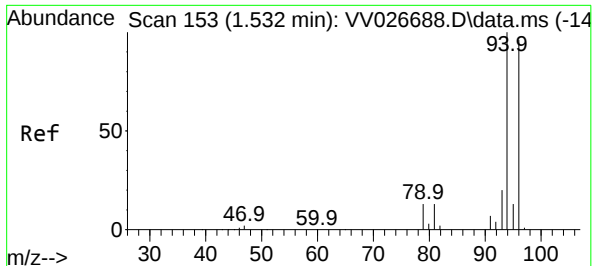
Tgt Ion: 50 Resp: 1522
Ion Ratio Lower Upper
50 100
52 35.3 23.0 42.6



#5
Vinyl chloride
Concen: 0.289 ug/L
RT: 1.326 min Scan# 89
Delta R.T. 0.003 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

Tgt Ion: 62 Resp: 4700
Ion Ratio Lower Upper
62 100
64 122.0 26.2 48.6#

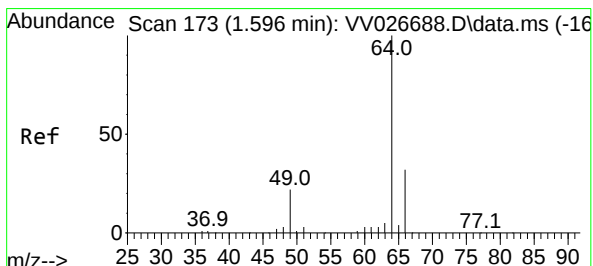
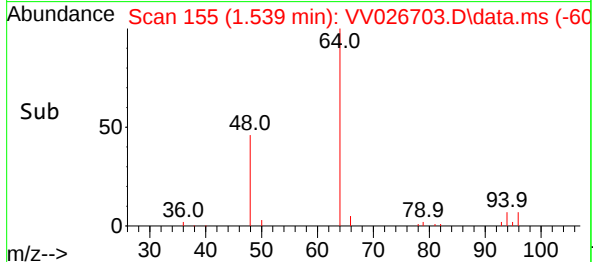
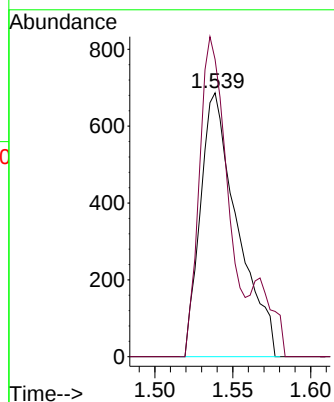
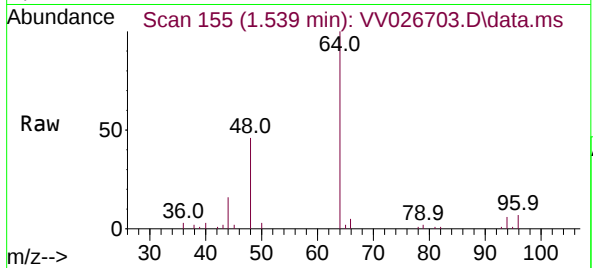




#6
Bromomethane
Concen: 0.129 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

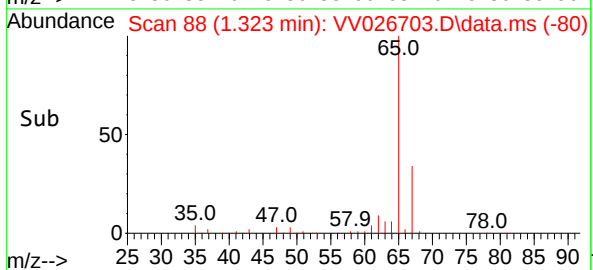
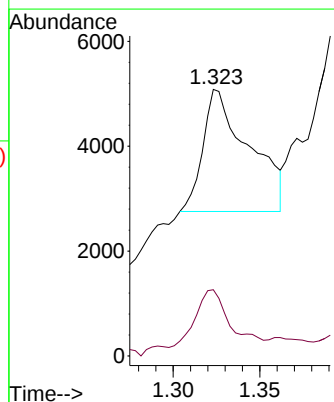
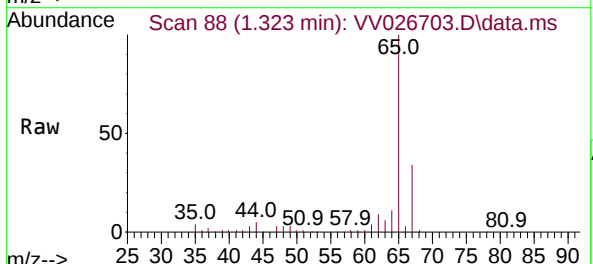
Instrument :
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ClientSampleId :
DBUB2

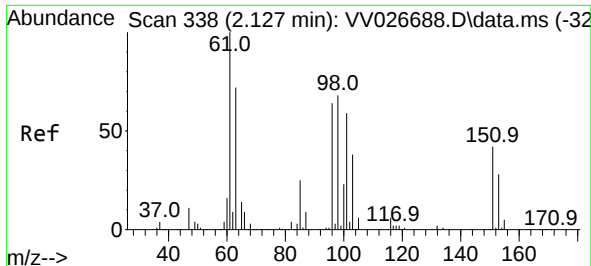
Tgt Ion: 94 Resp: 1131
Ion Ratio Lower Upper
94 100
96 112.7 68.0 126.2



#8
Chloroethane
Concen: 0.389 ug/L
RT: 1.323 min Scan# 88
Delta R.T. -0.273 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

Tgt Ion: 64 Resp: 4296
Ion Ratio Lower Upper
64 100
66 24.9 20.0 37.2





#12

1,1-Dichloroethene

Concen: 0.175 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV026703.D

Acq: 08 Jul 2022 17:59

Instrument :

MSVOA_V

ClientSampleId :

DBUB2

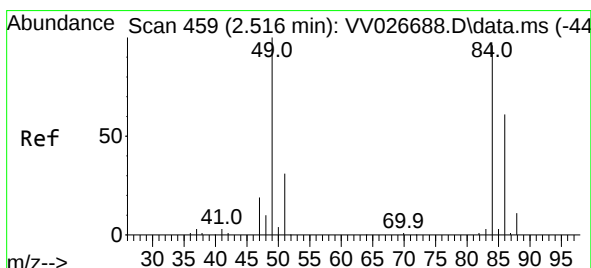
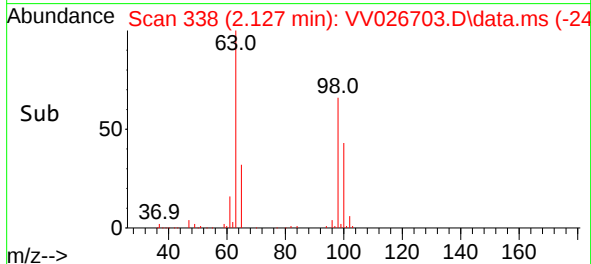
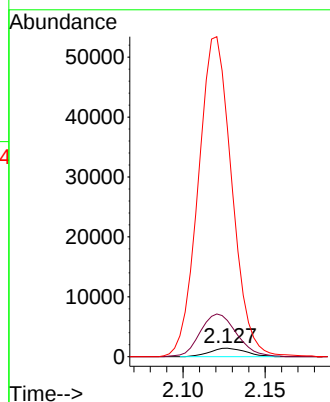
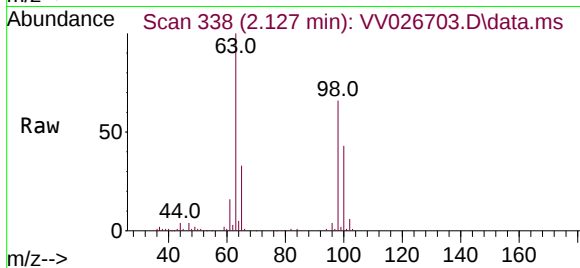
Tgt Ion: 96 Resp: 2172

Ion Ratio Lower Upper

96 100

61 424.8 115.4 214.4#

63 2689.6 87.4 162.2#



#16

Methylene chloride

Concen: 0.611 ug/L

RT: 2.522 min Scan# 461

Delta R.T. 0.006 min

Lab File: VV026703.D

Acq: 08 Jul 2022 17:59

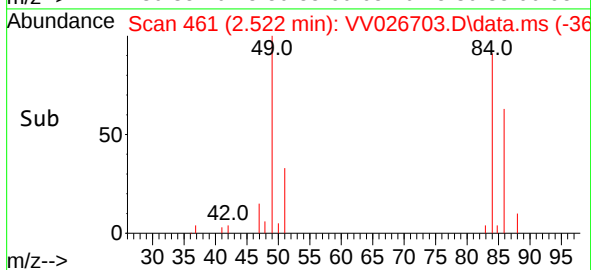
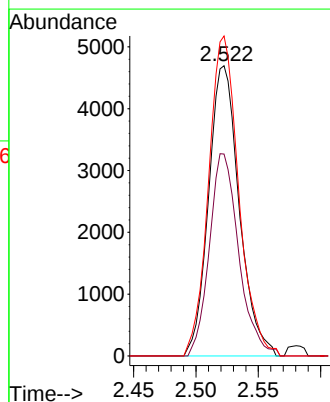
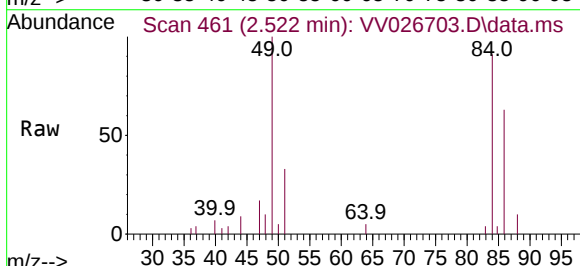
Tgt Ion: 84 Resp: 8034

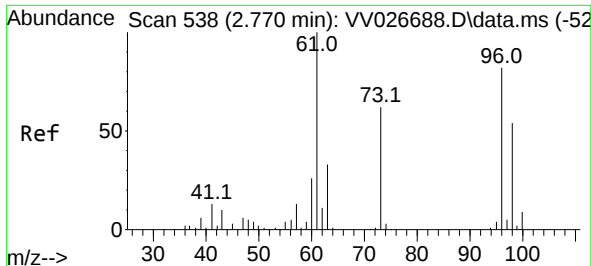
Ion Ratio Lower Upper

84 100

86 69.5 46.0 85.4

49 110.2 77.7 144.3

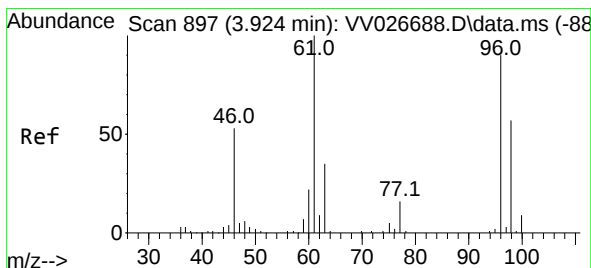
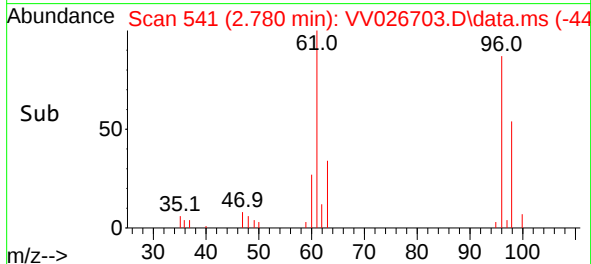
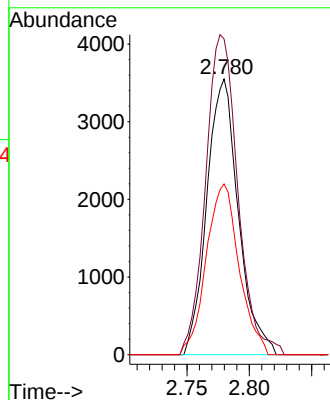
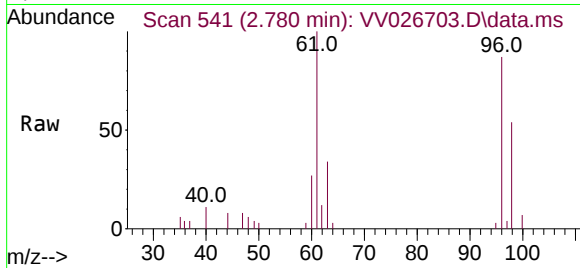




#18
trans-1,2-Dichloroethene
Concen: 0.495 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.010 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

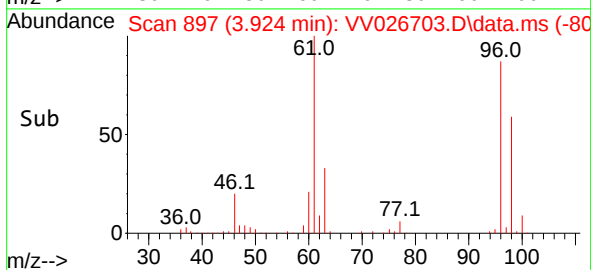
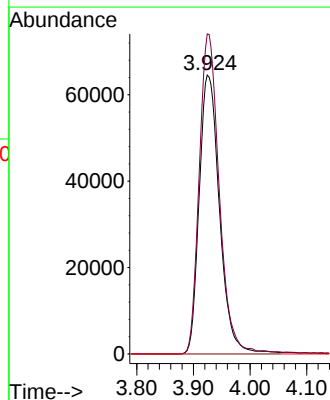
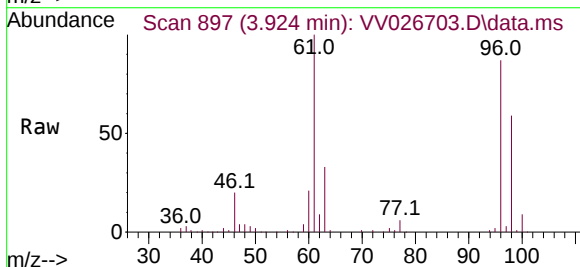
Instrument :
MSVOA_V
ClientSampleId :
DBUB2

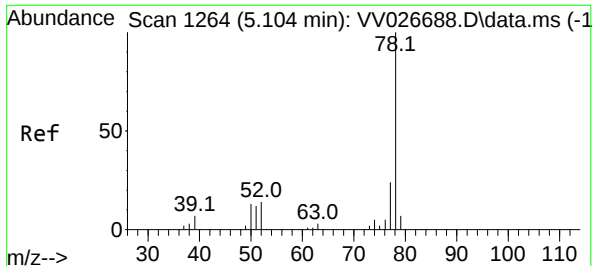
Tgt Ion: 96 Resp: 6257
Ion Ratio Lower Upper
96 100
61 114.6 90.4 167.8
98 61.9 45.6 84.8



#22
cis-1,2-Dichloroethene
Concen: 12.814 ug/L
RT: 3.924 min Scan# 897
Delta R.T. -0.000 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

Tgt Ion: 96 Resp: 160698
Ion Ratio Lower Upper
96 100
61 114.7 82.0 152.2
68 0.0 0.0 0.0

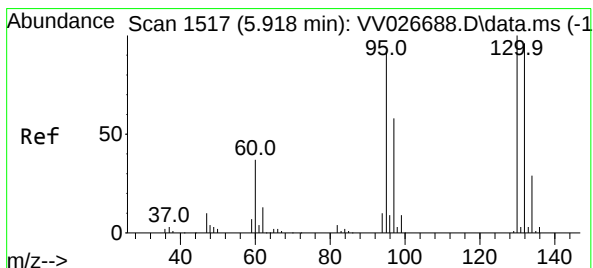
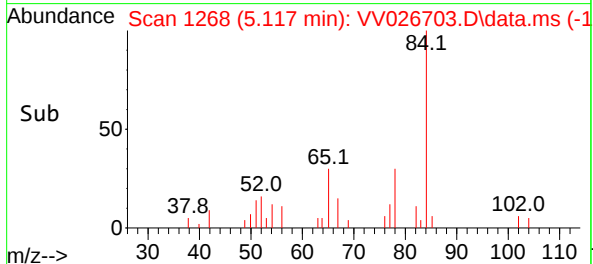
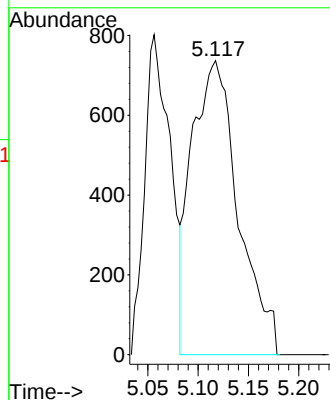
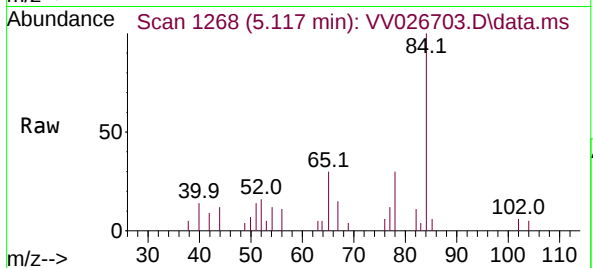




#33
Benzene
Concen: 0.046 ug/L
RT: 5.117 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

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ClientSampleId :
DBUB2

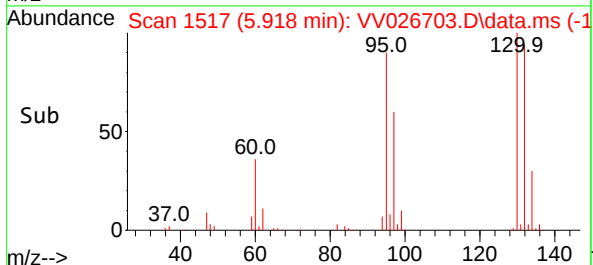
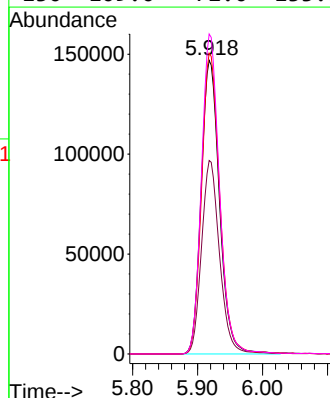
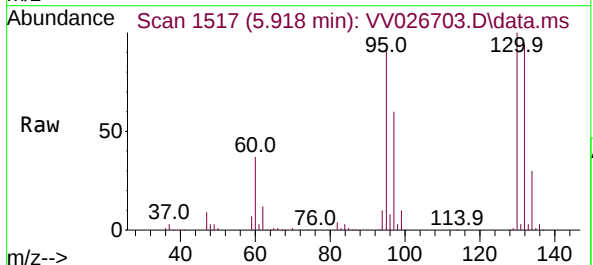
Tgt Ion: 78 Resp: 2375

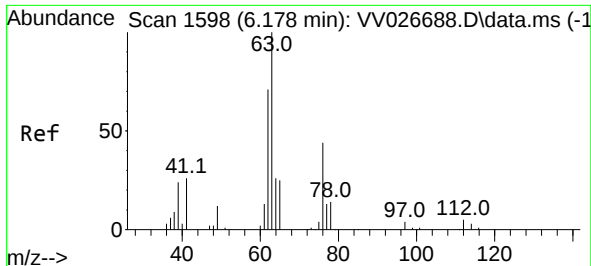


#34
Trichloroethene
Concen: 21.272 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

Tgt Ion: 95 Resp: 289015

Ion	Ratio	Lower	Upper
95	100		
97	65.9	46.8	87.0
132	102.4	69.9	129.7
130	109.0	72.0	133.8





#37

1,2-Dichloropropane

Concen: 0.524 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026703.D

Acq: 08 Jul 2022 17:59

Instrument :

MSVOA_V

ClientSampleId :

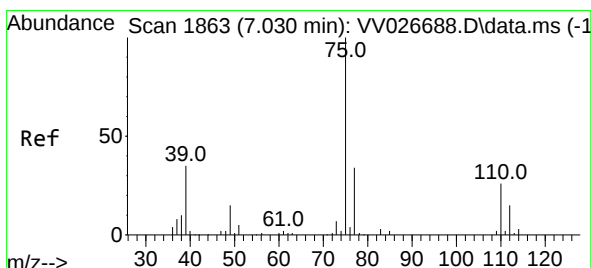
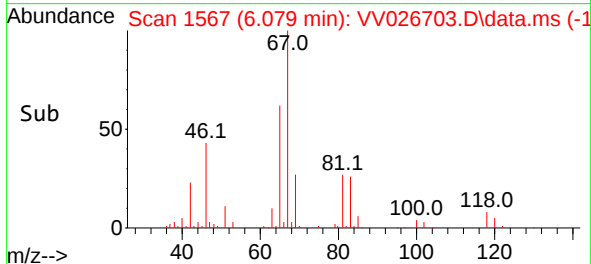
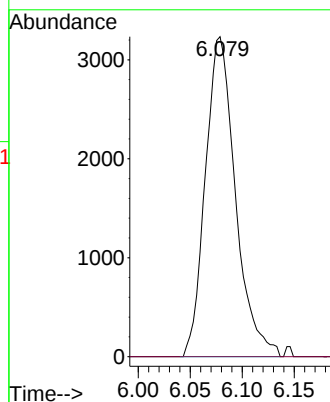
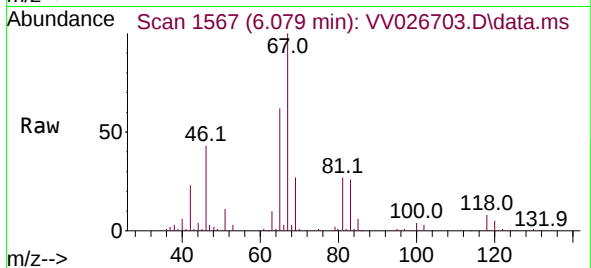
DBUB2

Tgt Ion: 63 Resp: 6523

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.032 min

Lab File: VV026703.D

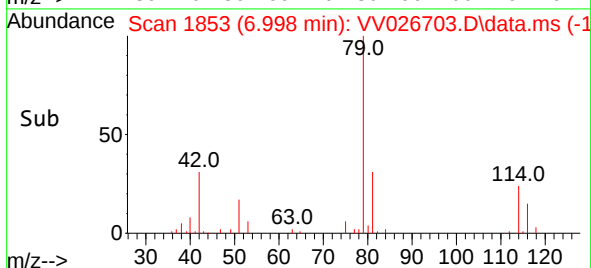
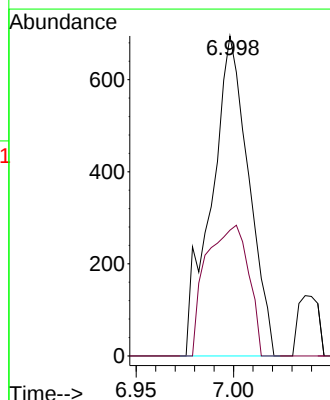
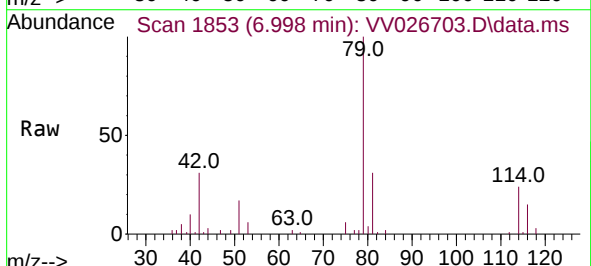
Acq: 08 Jul 2022 17:59

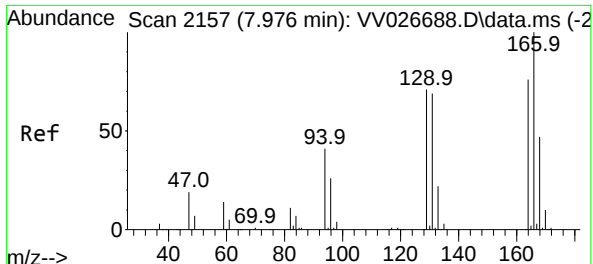
Tgt Ion: 75 Resp: 921

Ion Ratio Lower Upper

75 100

77 39.3 22.8 42.4





#47

Tetrachloroethene

Concen: 32.003 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV026703.D

Acq: 08 Jul 2022 17:59

Instrument :

MSVOA_V

ClientSampleId :

DBUB2

Tgt Ion:164 Resp: 346185

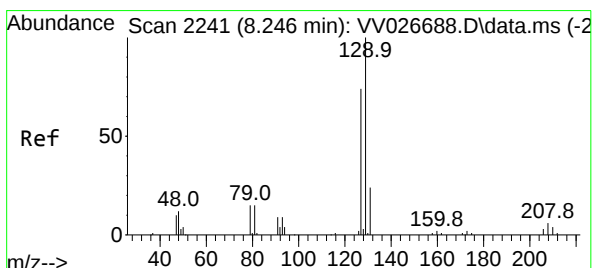
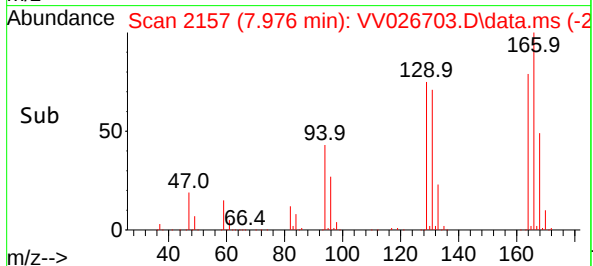
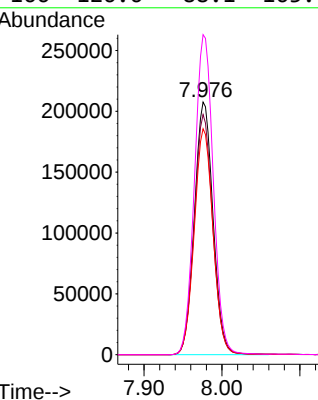
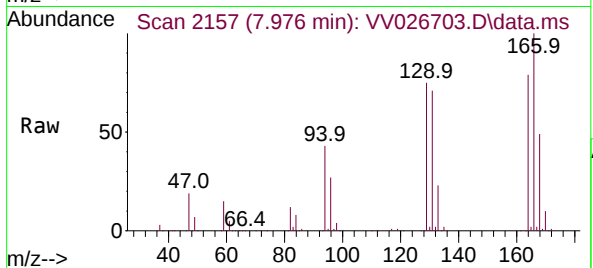
Ion Ratio Lower Upper

164 100

129 95.0 66.4 123.2

131 89.4 64.4 119.6

166 126.6 88.1 163.7



#49

Dibromochloromethane

Concen: 39.805 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026703.D

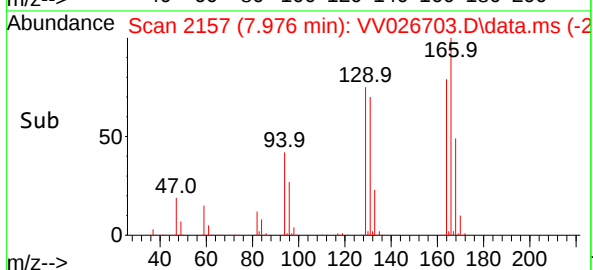
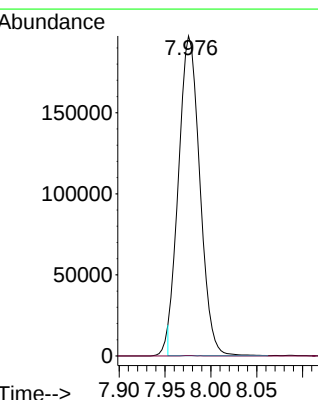
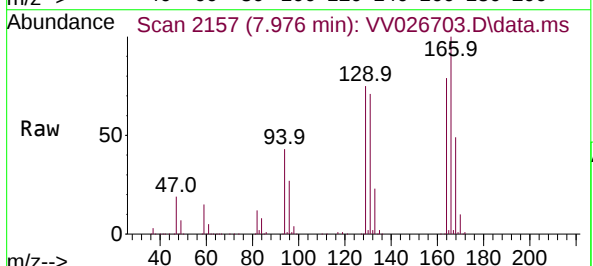
Acq: 08 Jul 2022 17:59

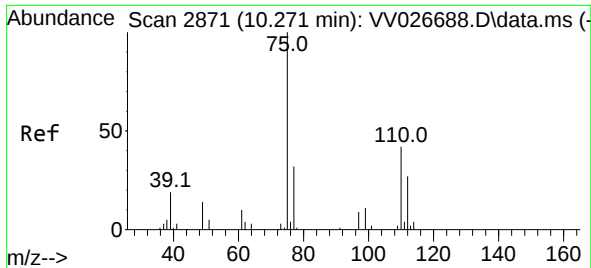
Tgt Ion:129 Resp: 316593

Ion Ratio Lower Upper

129 100

127 0.1 54.2 100.6#

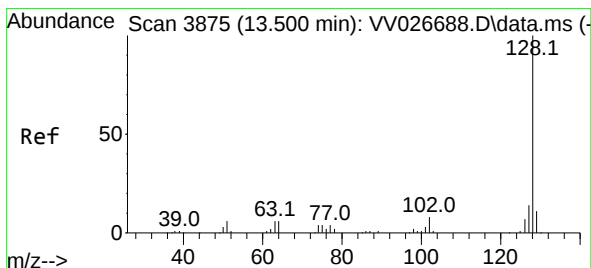
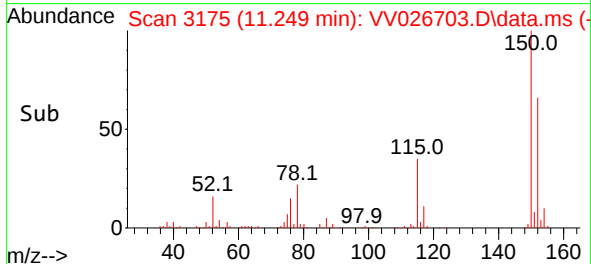
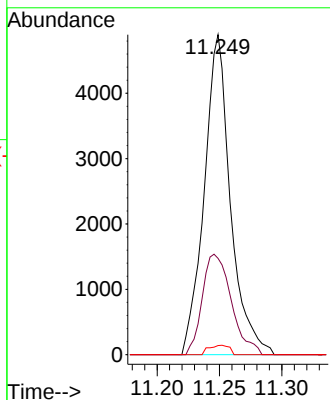
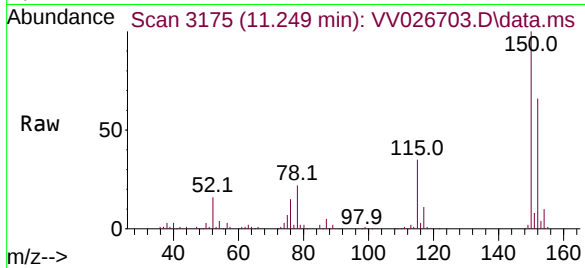




#61
1,2,3-Trichloropropane
Concen: 1.591 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

Instrument :
MSVOA_V
ClientSampleId :
DBUB2

Tgt Ion: 75 Resp: 7176
Ion Ratio Lower Upper
75 100
77 34.8 25.8 38.6
110 2.3 32.5 48.7#



#71
Naphthalene
Concen: 0.068 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

Tgt Ion: 128 Resp: 944
Ion Ratio Lower Upper
128 100
129 2.0 8.6 12.8#
127 0.0 10.2 15.4#

