

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072722\
 Data File : VW027000.D
 Acq On : 27 Jul 2022 15:44
 Operator : SY/MD
 Sample : N3880-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUF1

Quant Time: Jul 28 01:43:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 28 01:41:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	475672	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	470778	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	231501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	155047	38.864	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.720%	
7) Chloroethane-d5	1.561	69	133423	41.340	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.680%	
11) 1,1-Dichloroethene-d2	2.098	63	276882	38.577	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.160%	
21) 2-Butanone-d5	3.886	46	325752	121.138	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	121.140%	
24) Chloroform-d	4.343	84	403309	51.367	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.740%	
26) 1,2-Dichloroethane-d4	5.027	65	241901	53.861	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	107.720%	
32) Benzene-d6	5.043	84	778164	54.682	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.360%	
36) 1,2-Dichloropropane-d6	6.066	67	261082	56.930	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	113.860%	
41) Toluene-d8	7.313	98	722586	58.033	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	116.060%	
43) trans-1,3-Dichloroprop...	7.619	79	108336	56.378	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	112.760%	
47) 2-Hexanone-d5	8.088	63	253165	126.784	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	126.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	400364	57.468	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	114.940%	
66) 1,2-Dichlorobenzene-d4	11.622	152	260457	59.970	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	119.940%	
Target Compounds						Qvalue
3) Chloromethane	1.237	50	116096	25.264	ug/L	100
12) 1,1-Dichloroethene	2.108	96	79361	21.578	ug/L #	55
13) Acetone	2.179	43	199440	105.627	ug/L	98
27) 1,2-Dichloroethane	5.050	62	4334	0.805	ug/L	98
31) Carbon tetrachloride	4.822	117	167031	30.670	ug/L	99
33) Benzene	5.092	78	977273	64.550	ug/L	100
37) 1,2-Dichloropropane	6.169	63	123550	31.355	ug/L	99
39) cis-1,3-Dichloropropene	6.986	75	5140	0.940	ug/L #	54
40) 4-Methyl-2-pentanone	7.227	43	498194	106.242	ug/L	99
42) Toluene	7.384	91	1615453	104.538	ug/L	98
46) Tetrachloroethene	7.979	164	3851	1.269	ug/L	91
48) 2-Hexanone	8.088	43	27095	7.424	ug/L #	68
49) Dibromochloromethane	8.243	129	132291	30.163	ug/L	98
52) Ethylbenzene	9.011	91	2250000	140.270	ug/L	99
53) m,p-Xylene	9.133	106	535372	85.241	ug/L	97
59) Bromoform	9.728	173	107707	41.644	ug/L	100

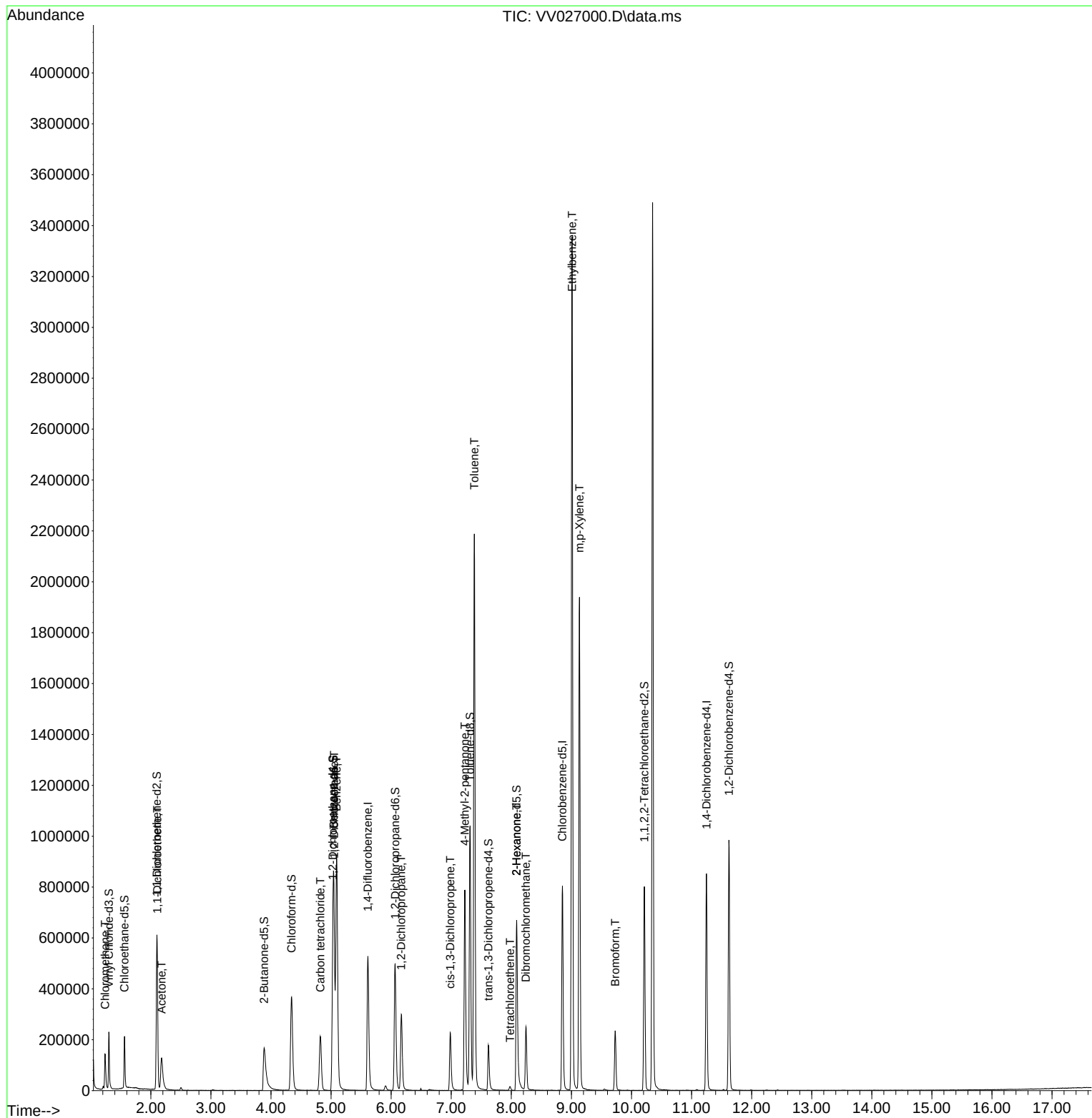
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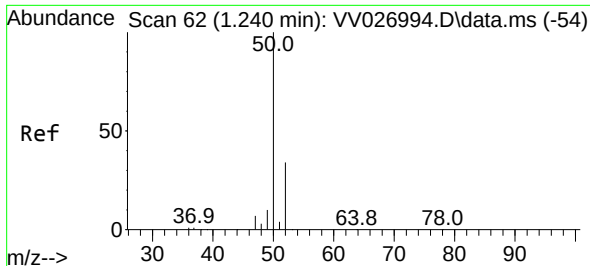
Instrument :
MSVOA_V
ClientSampleId :
DBUF1

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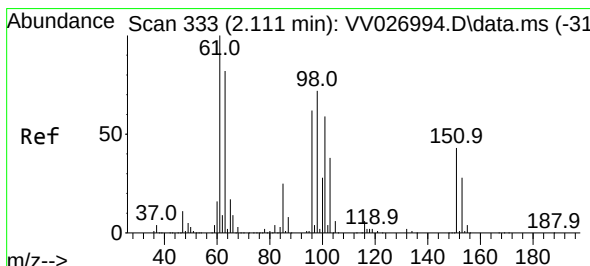
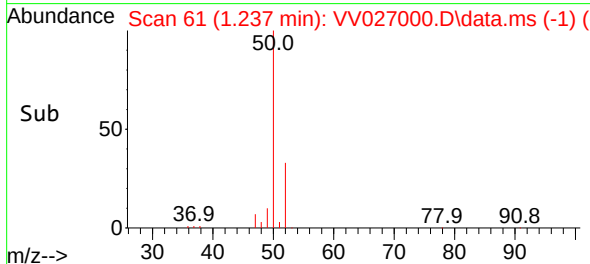
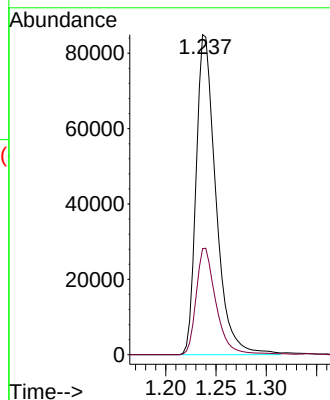
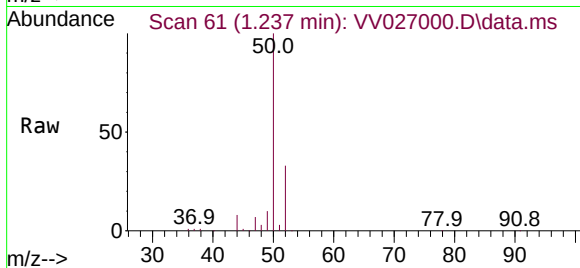




#3
Chloromethane
Concen: 25.264 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027000.D
Acq: 27 Jul 2022 15:44

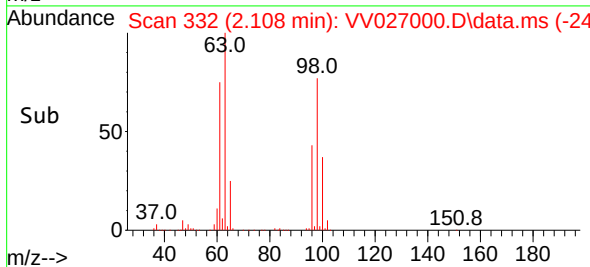
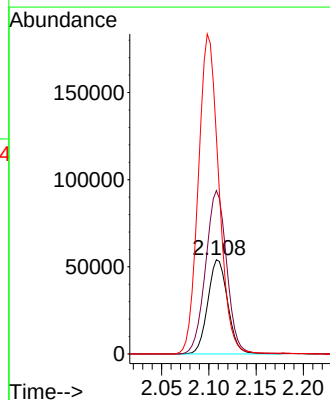
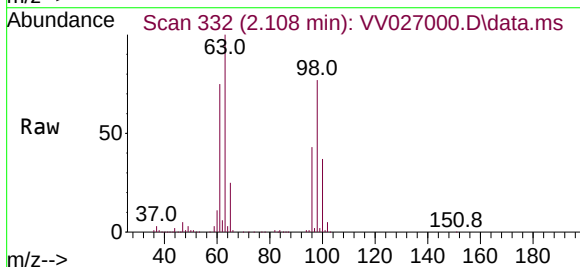
Instrument :
MSVOA_V
ClientSampleId :
DBUF1

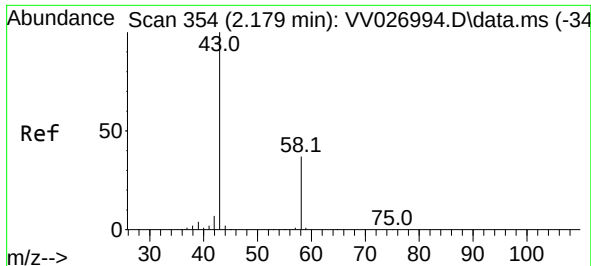
Tgt Ion: 50 Resp: 116096
Ion Ratio Lower Upper
50 100
52 33.2 23.1 42.9



#12
1,1-Dichloroethene
Concen: 21.578 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV027000.D
Acq: 27 Jul 2022 15:44

Tgt Ion: 96 Resp: 79361
Ion Ratio Lower Upper
96 100
61 173.3 114.2 212.0
63 231.1 87.0 161.6#

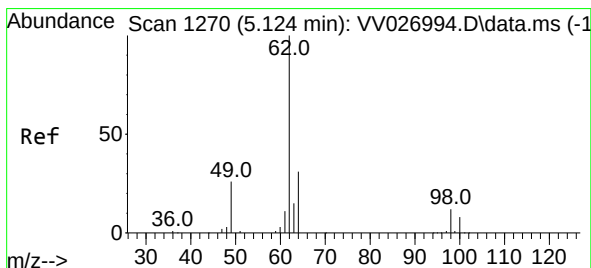
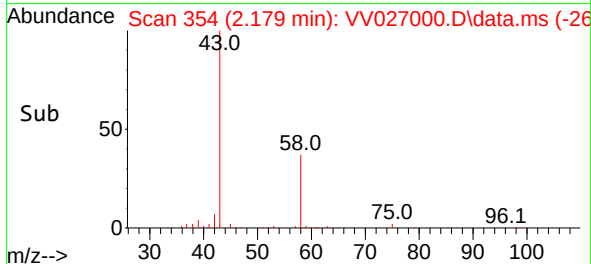
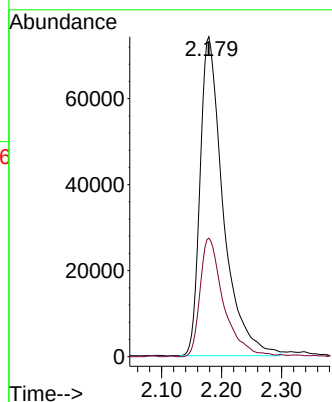
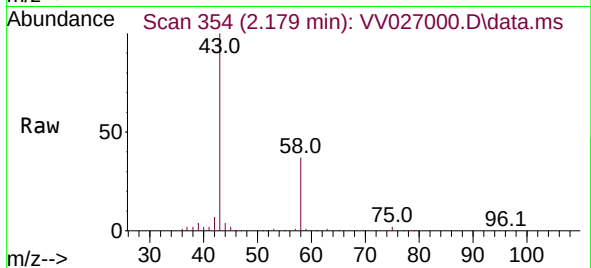




#13
Acetone
Concen: 105.627 ug/L
RT: 2.179 min Scan# 354
Delta R.T. 0.000 min
Lab File: VV027000.D
Acq: 27 Jul 2022 15:44

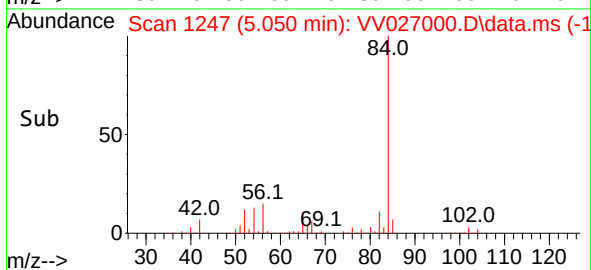
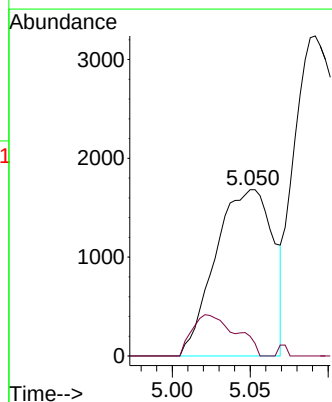
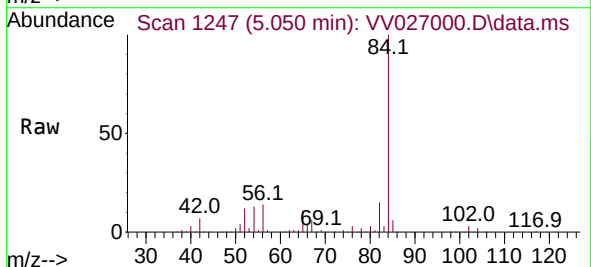
Instrument :
MSVOA_V
ClientSampleId :
DBUF1

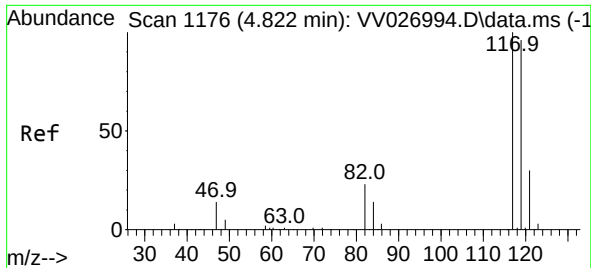
Tgt Ion: 43 Resp: 199440
Ion Ratio Lower Upper
43 100
58 37.2 0.0 72.6



#27
1,2-Dichloroethane
Concen: 0.805 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.074 min
Lab File: VV027000.D
Acq: 27 Jul 2022 15:44

Tgt Ion: 62 Resp: 4334
Ion Ratio Lower Upper
62 100
98 11.9 8.9 13.3

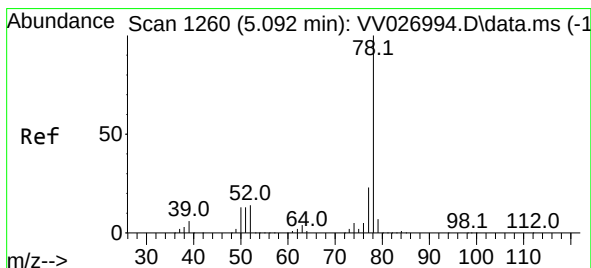
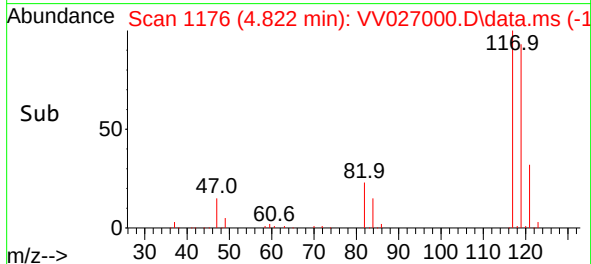
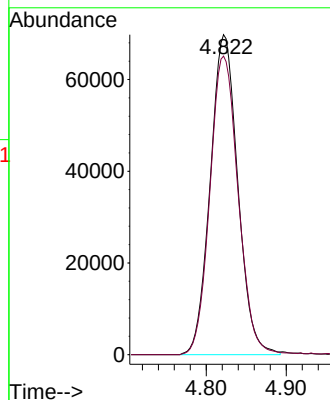
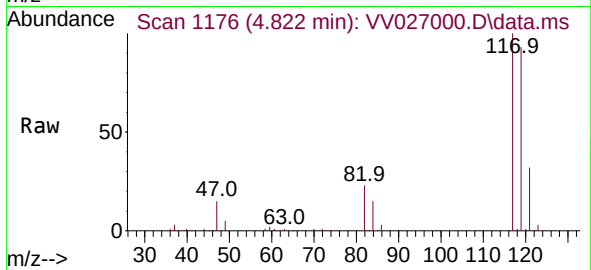




#31
Carbon tetrachloride
Concen: 30.670 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV027000.D
Acq: 27 Jul 2022 15:44

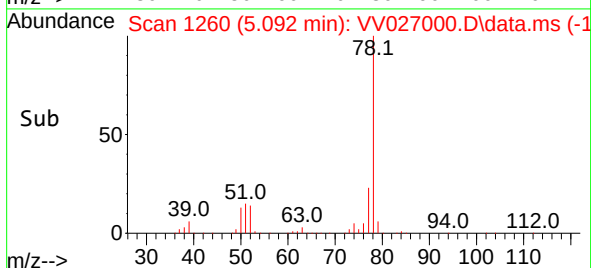
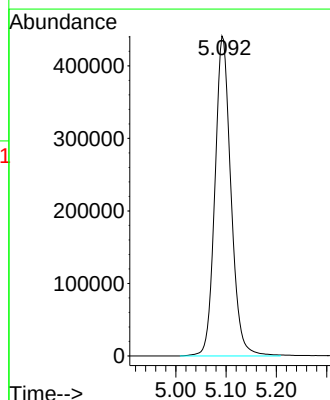
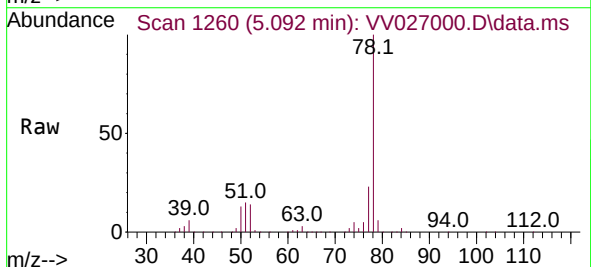
Instrument :
MSVOA_V
ClientSampleId :
DBUF1

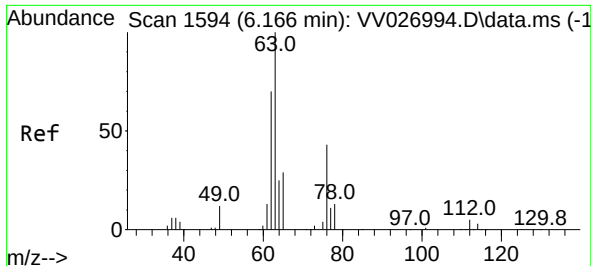
Tgt Ion:117 Resp: 167031
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9



#33
Benzene
Concen: 64.550 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV027000.D
Acq: 27 Jul 2022 15:44

Tgt Ion: 78 Resp: 977273





#37

1,2-Dichloropropane

Concen: 31.355 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027000.D

Acq: 27 Jul 2022 15:44

Instrument :

MSVOA_V

ClientSampleId :

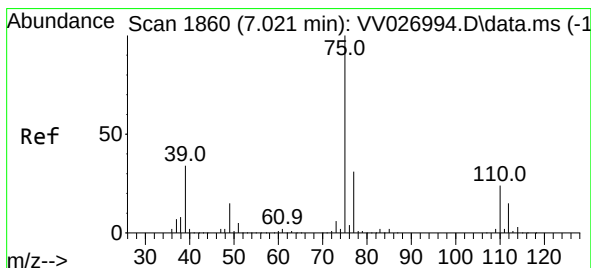
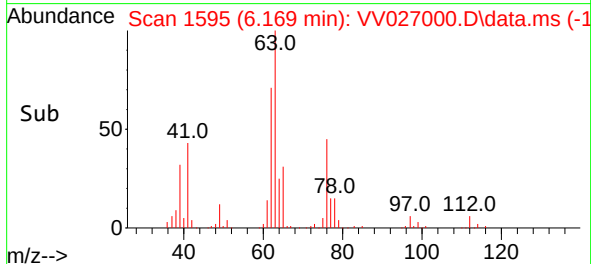
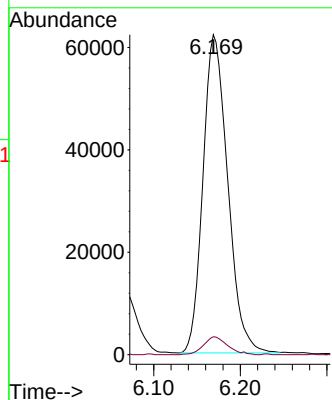
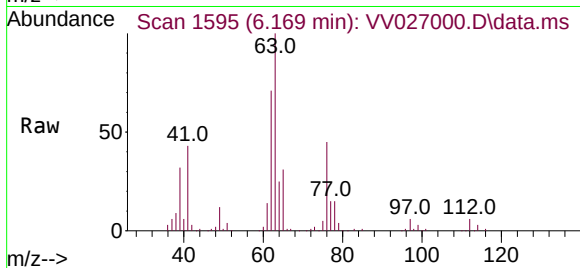
DBUF1

Tgt Ion: 63 Resp: 123550

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.8



#39

cis-1,3-Dichloropropene

Concen: 0.940 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.035 min

Lab File: VV027000.D

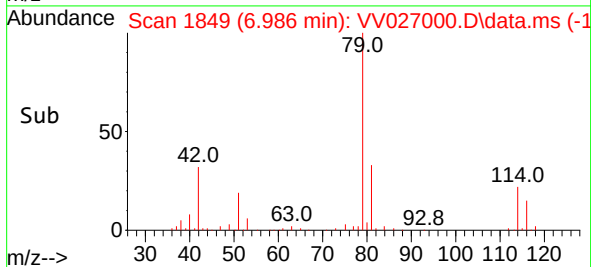
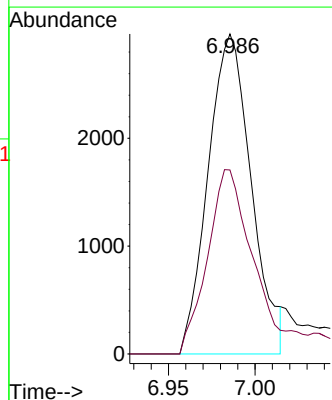
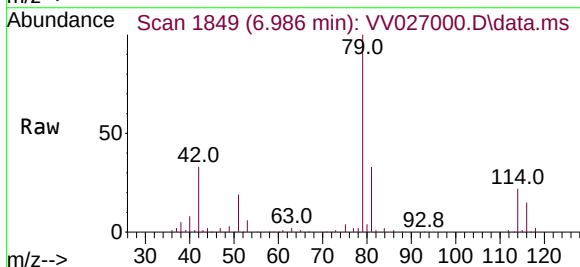
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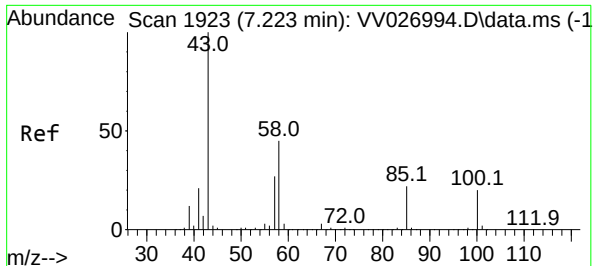
Tgt Ion: 75 Resp: 5140

Ion Ratio Lower Upper

75 100

77 57.5 22.4 41.6#





#40

4-Methyl-2-pentanone

Concen: 106.242 ug/L

RT: 7.227 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV027000.D

Acq: 27 Jul 2022 15:44

Instrument :

MSVOA_V

ClientSampleId :

DBUF1

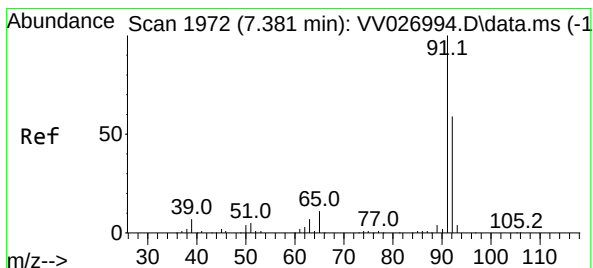
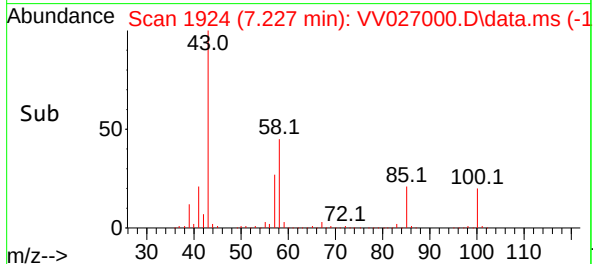
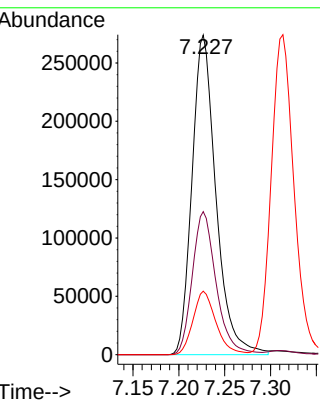
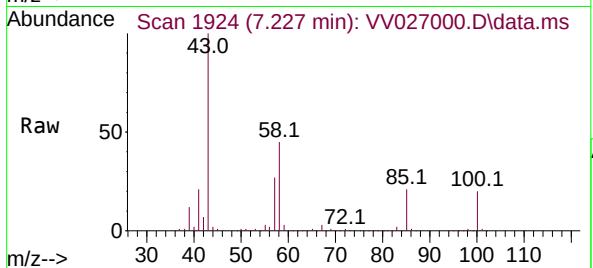
Tgt Ion: 43 Resp: 498194

Ion Ratio Lower Upper

43 100

58 44.5 35.0 52.6

100 19.1 15.4 23.0



#42

Toluene

Concen: 104.538 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027000.D

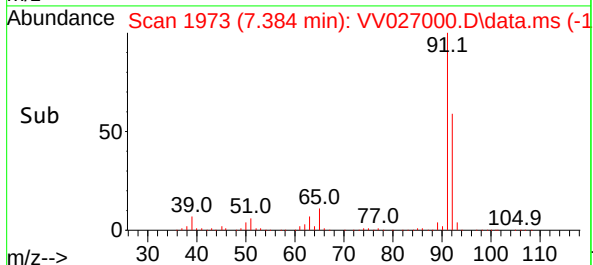
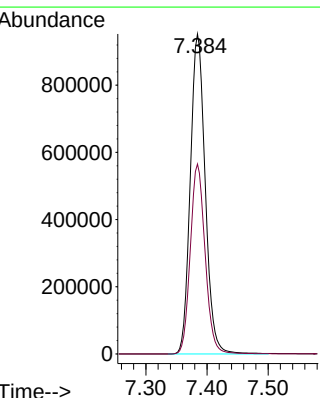
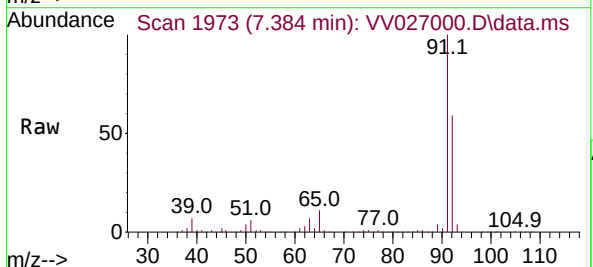
Acq: 27 Jul 2022 15:44

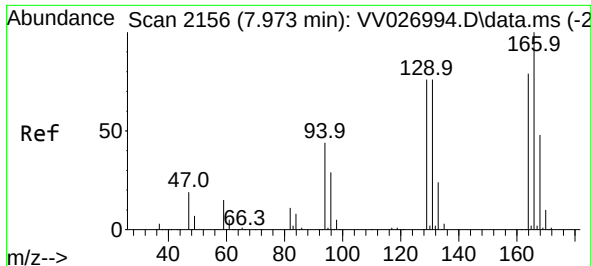
Tgt Ion: 91 Resp: 1615453

Ion Ratio Lower Upper

91 100

92 59.3 40.5 75.1



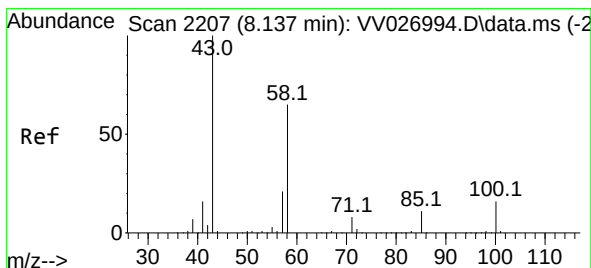
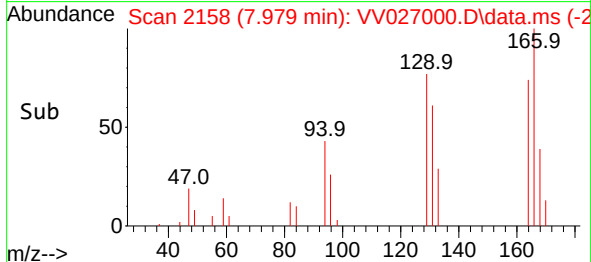
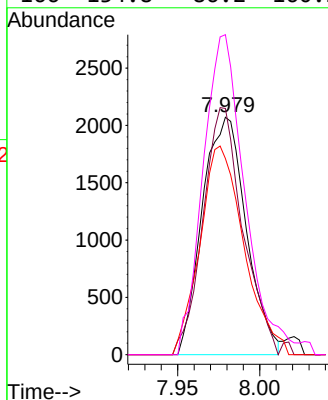
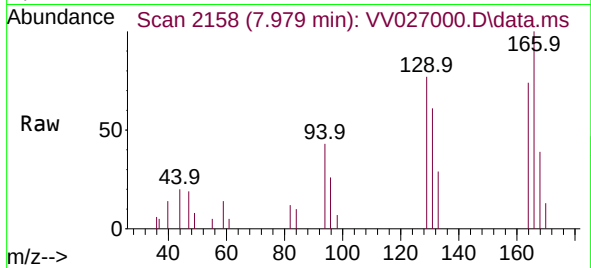


#46
Tetrachloroethene
Concen: 1.269 ug/L
RT: 7.979 min Scan# 2156
Delta R.T. 0.006 min
Lab File: VV027000.D
Acq: 27 Jul 2022 15:44

Instrument :
MSVOA_V
ClientSampleId :
DBUF1

Tgt Ion:164 Resp: 3851

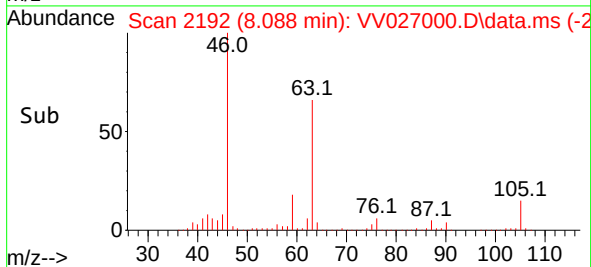
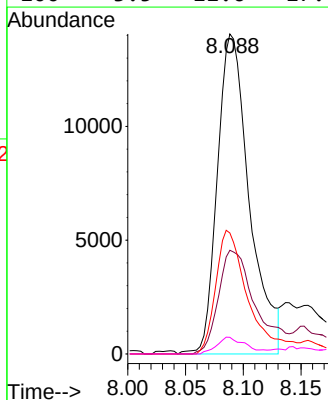
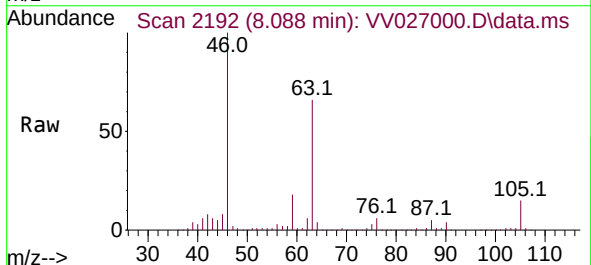
Ion	Ratio	Lower	Upper
164	100		
129	103.8	66.3	123.1
131	82.7	63.1	117.3
166	134.8	86.2	160.2

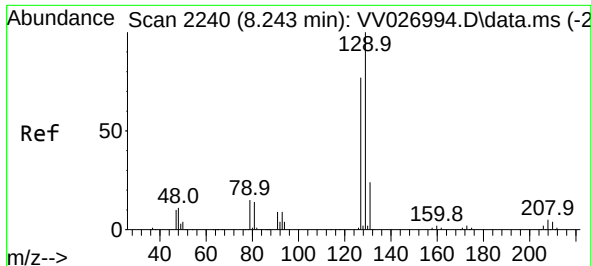


#48
2-Hexanone
Concen: 7.424 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV027000.D
Acq: 27 Jul 2022 15:44

Tgt Ion: 43 Resp: 27095

Ion	Ratio	Lower	Upper
43	100		
58	38.3	48.8	73.2#
57	39.7	16.6	24.8#
100	3.5	11.6	17.4#





#49

Dibromochloromethane

Concen: 30.163 ug/L

RT: 8.243 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027000.D

Acq: 27 Jul 2022 15:44

Instrument :

MSVOA_V

ClientSampleId :

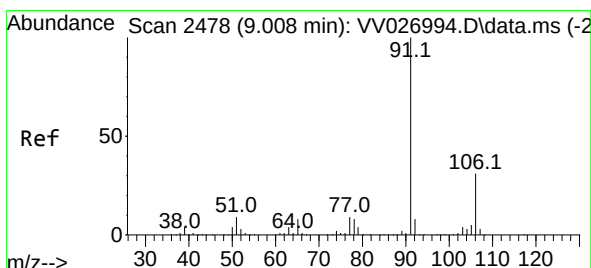
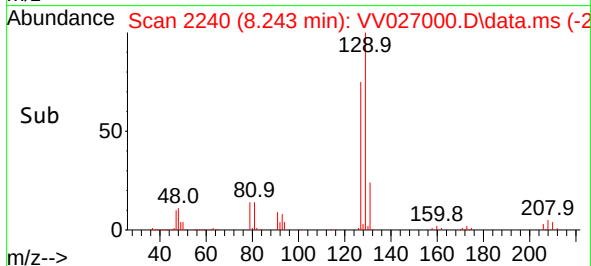
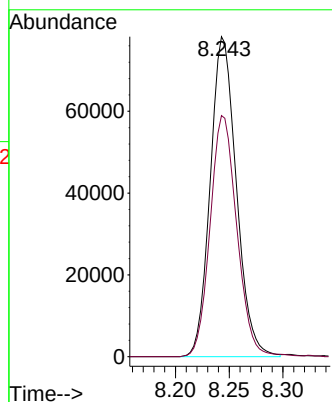
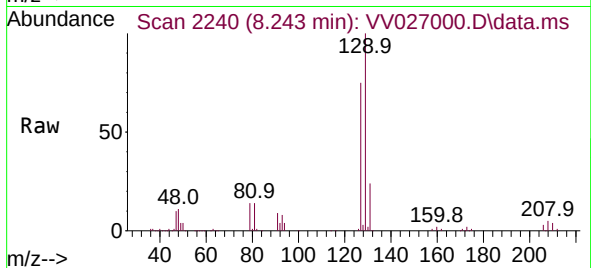
DBUF1

Tgt Ion:129 Resp: 132291

Ion Ratio Lower Upper

129 100

127 75.4 53.7 99.7



#52

Ethylbenzene

Concen: 140.270 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV027000.D

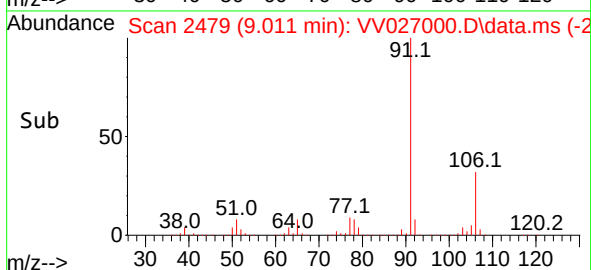
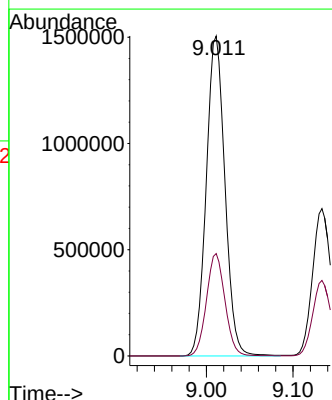
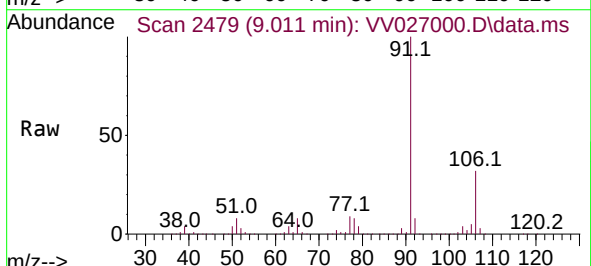
Acq: 27 Jul 2022 15:44

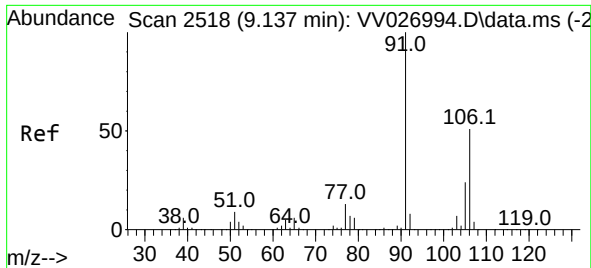
Tgt Ion: 91 Resp: 2250000

Ion Ratio Lower Upper

91 100

106 32.0 22.0 40.8

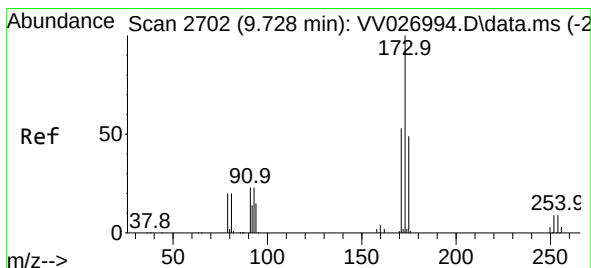
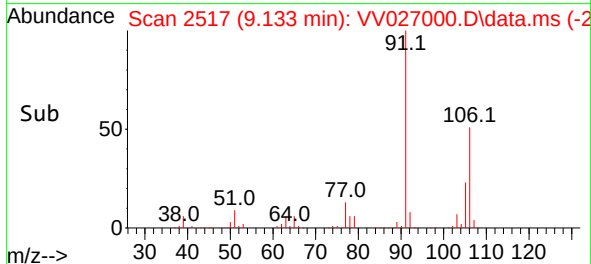
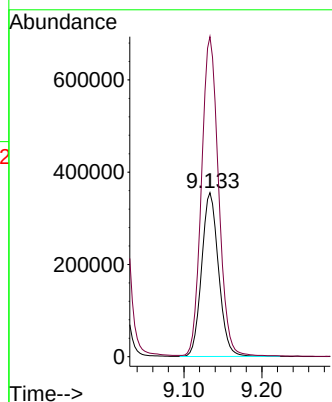
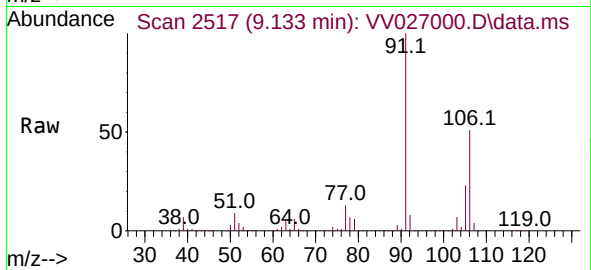




#53
m,p-Xylene
Concen: 85.241 ug/L
RT: 9.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027000.D
Acq: 27 Jul 2022 15:44

Instrument :
MSVOA_V
ClientSampleId :
DBUF1

Tgt Ion:106 Resp: 535372
Ion Ratio Lower Upper
106 100
91 195.1 140.0 260.0



#59
Bromoform
Concen: 41.644 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV027000.D
Acq: 27 Jul 2022 15:44

Tgt Ion:173 Resp: 107707
Ion Ratio Lower Upper
173 100
175 48.0 38.6 57.8
254 8.7 6.6 10.0

