

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029347.D
 Acq On : 25 Nov 2022 11:27
 Operator : SY/MD
 Sample : N5725-09DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB65DL

Quant Time: Nov 25 21:30:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	272864	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	239634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	125259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	91205	5.431	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.600%		
7) Chloroethane-d5	1.561	69	67078	5.457	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.200%		
11) 1,1-Dichloroethene-d2	2.102	63	110085	4.097	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 82.000%		
20) 2-Butanone-d5	3.889	46	156675	55.774	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.540%		
24) Chloroform-d	4.339	84	158704	5.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.800%		
26) 1,2-Dichloroethane-d4	5.024	65	74300	5.634	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.600%		
32) Benzene-d6	5.040	84	348535	5.263	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.200%		
36) 1,2-Dichloropropane-d6	6.060	67	101707	5.465	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.400%		
41) Toluene-d8	7.307	98	326750	5.227	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.600%		
43) trans-1,3-Dichloroprop...	7.616	79	37809	5.270	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 105.400%		
46) 2-Hexanone-d5	8.085	63	136690	53.445	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 106.900%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65700	5.721	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 114.400%		
66) 1,2-Dichlorobenzene-d4	11.612	152	121627	5.558	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.214	85	2050	0.101	ug/L	99
3) Chloromethane	1.237	50	820	0.044	ug/L	89
12) 1,1-Dichloroethene	2.111	96	10523	0.750	ug/L #	1
16) Methylene chloride	2.500	84	8486	0.396	ug/L	98
19) 1,1-Dichloroethane	3.182	63	36339	1.254	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	133713	7.260	ug/L	100
27) 1,2-Dichloroethane	5.127	62	1556	0.095	ug/L #	72
29) 1,1,1-Trichloroethane	4.597	97	42411	1.539	ug/L	98
31) Carbon tetrachloride	4.593	117	5726	0.246	ug/L	95
34) Trichloroethene	5.908	95	27691	1.515	ug/L	99
35) Methylcyclohexane	6.063	83	24056	0.779	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10546	0.625	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2696	0.109	ug/L #	56
61) 1,2,3-Trichloropropane	11.239	75	14547	1.675	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.458	75	517	0.303	ug/L #	1
71) Naphthalene	13.493	128	47685	2.184	ug/L #	97

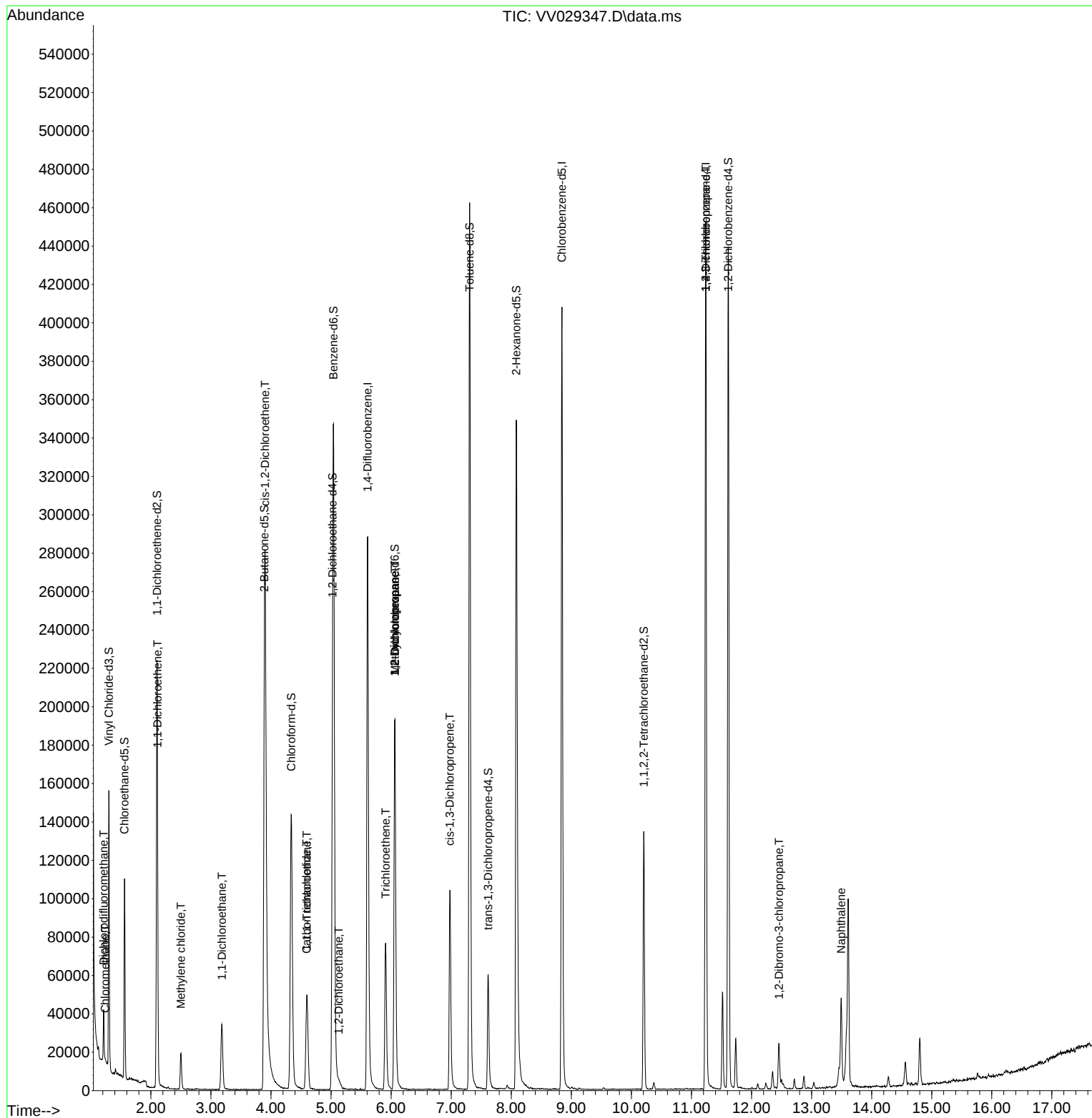
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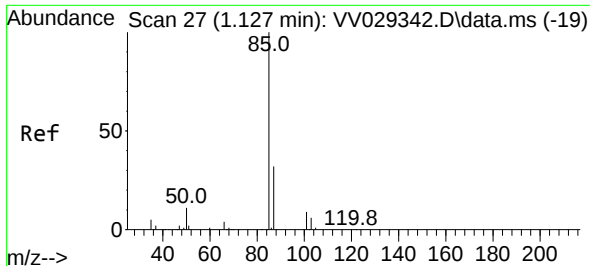
Instrument :
MSVOA_V
ClientSampleId :
BHB65DL

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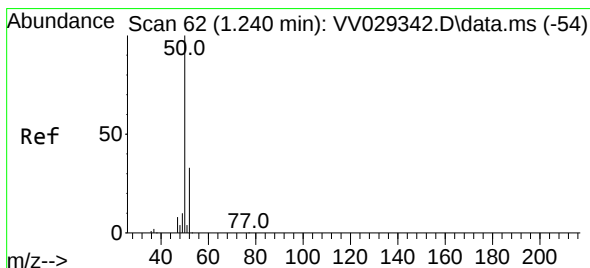
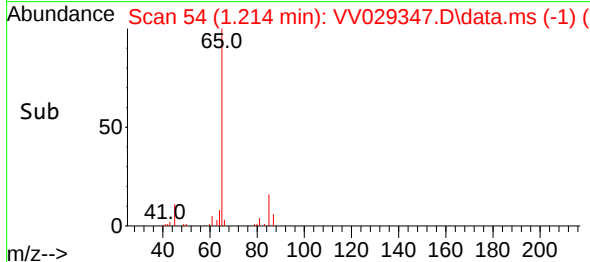
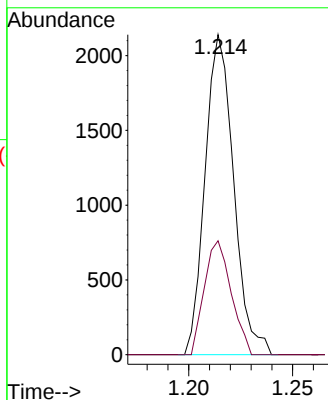
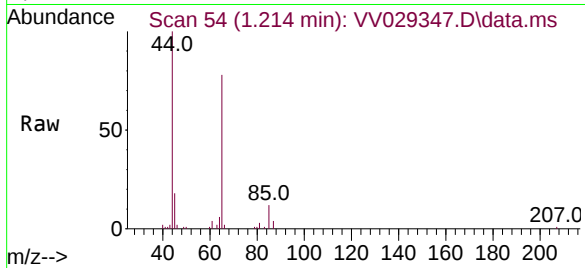




#2
Dichlorodifluoromethane
Concen: 0.101 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.087 min
Lab File: VV029347.D
Acq: 25 Nov 2022 11:27

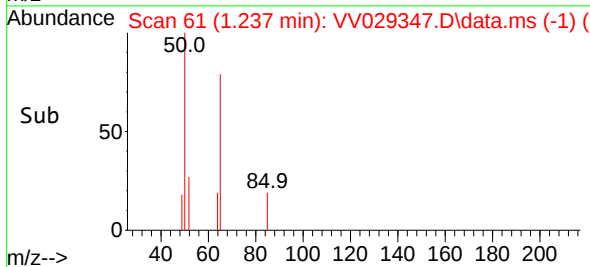
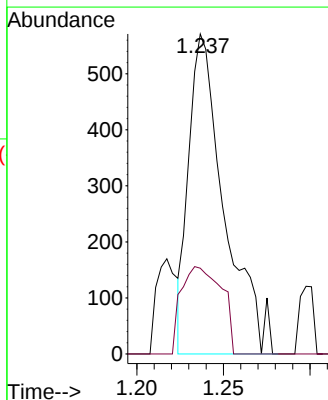
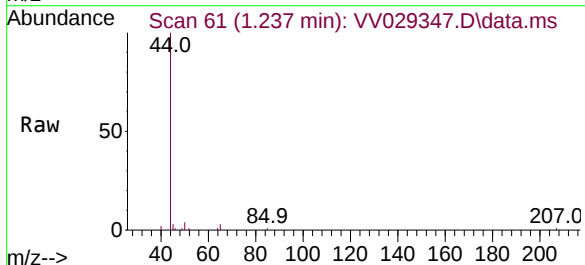
Instrument :
MSVOA_V
ClientSampleId :
BHB65DL

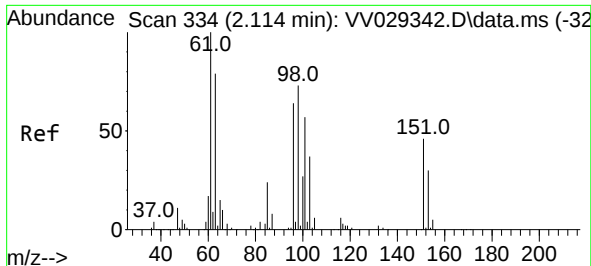
Tgt Ion: 85 Resp: 2050
Ion Ratio Lower Upper
85 100
87 33.3 26.2 39.4



#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029347.D
Acq: 25 Nov 2022 11:27

Tgt Ion: 50 Resp: 820
Ion Ratio Lower Upper
50 100
52 26.8 23.2 43.2

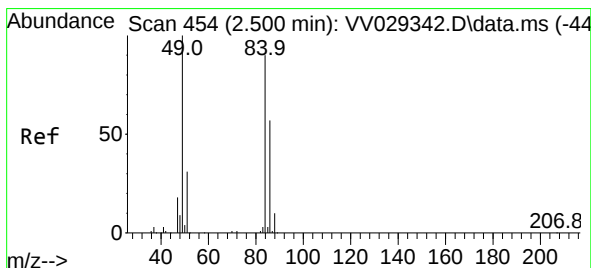
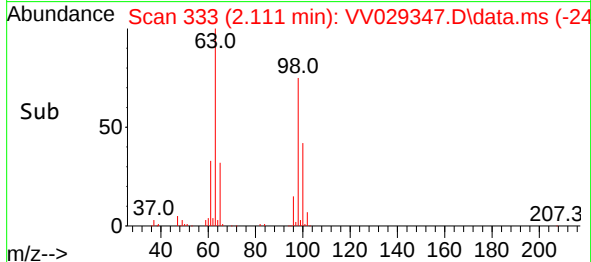
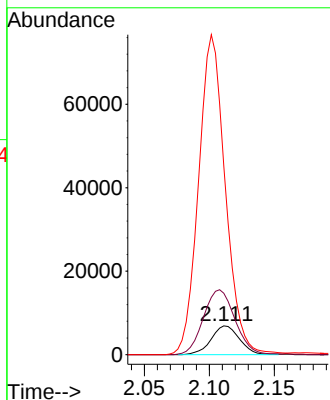
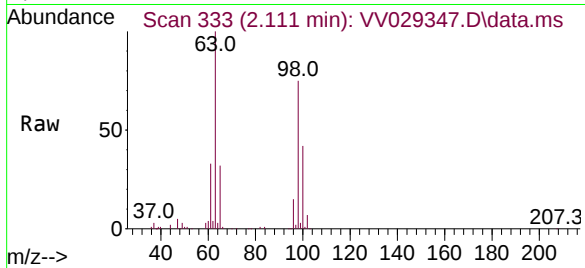




#12
1,1-Dichloroethene
Concen: 0.750 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029347.D
Acq: 25 Nov 2022 11:27

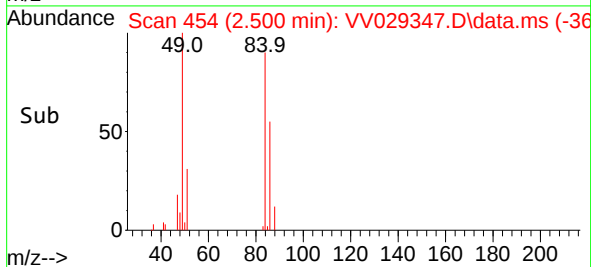
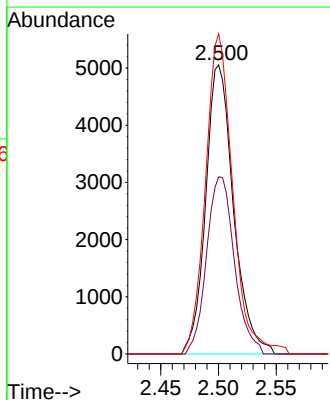
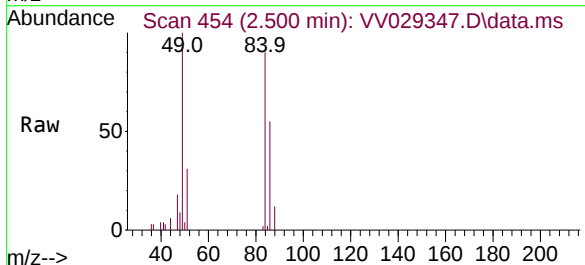
Instrument :
MSVOA_V
ClientSampleId :
BHB65DL

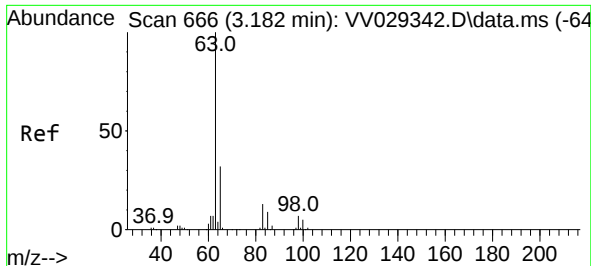
Tgt Ion: 96 Resp: 10523
Ion Ratio Lower Upper
96 100
61 213.8 110.3 204.9#
63 656.4 84.4 156.8#



#16
Methylene chloride
Concen: 0.396 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029347.D
Acq: 25 Nov 2022 11:27

Tgt Ion: 84 Resp: 8486
Ion Ratio Lower Upper
84 100
86 61.3 45.6 84.6
49 110.7 77.8 144.4





#19

1,1-Dichloroethane

Concen: 1.254 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV029347.D

Acq: 25 Nov 2022 11:27

Instrument :

MSVOA_V

ClientSampleId :

BHB65DL

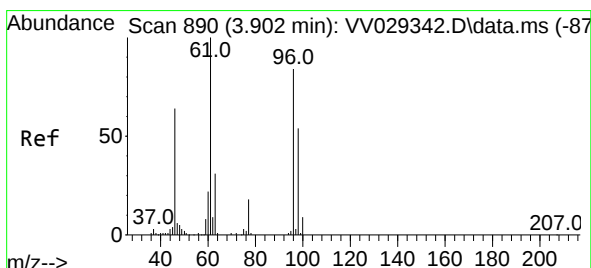
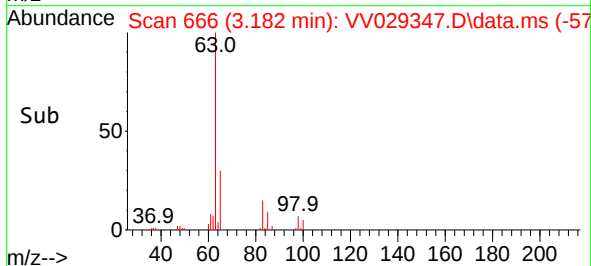
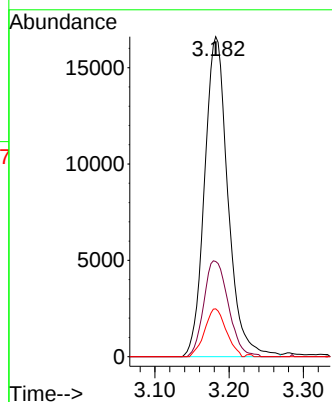
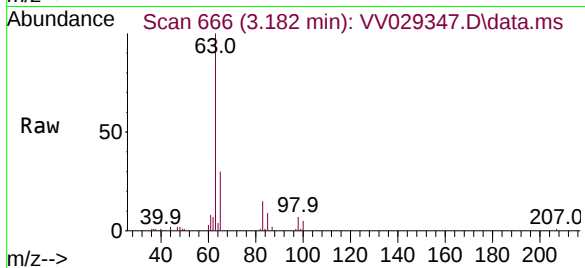
Tgt Ion: 63 Resp: 36339

Ion Ratio Lower Upper

63 100

65 29.7 21.6 40.2

83 15.0 10.3 19.1



#22

cis-1,2-Dichloroethene

Concen: 7.260 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.000 min

Lab File: VV029347.D

Acq: 25 Nov 2022 11:27

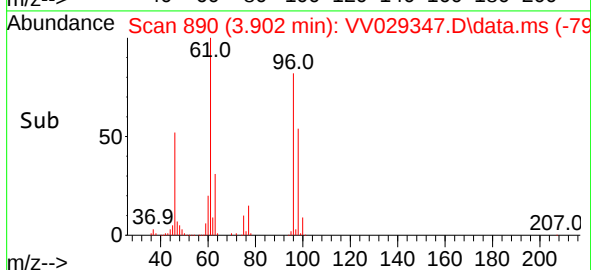
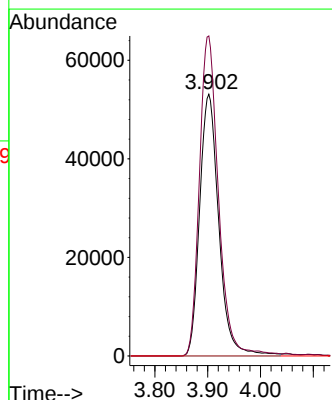
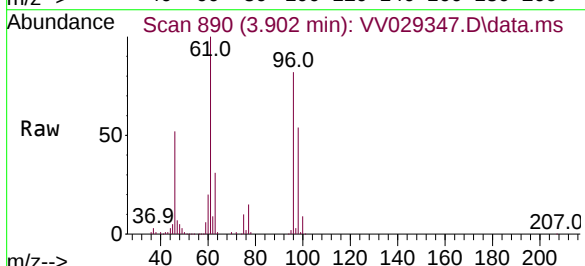
Tgt Ion: 96 Resp: 133713

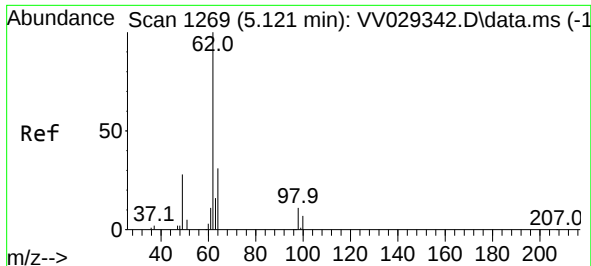
Ion Ratio Lower Upper

96 100

61 122.3 85.8 159.3

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.127 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV029347.D

Acq: 25 Nov 2022 11:27

Instrument :

MSVOA_V

ClientSampleId :

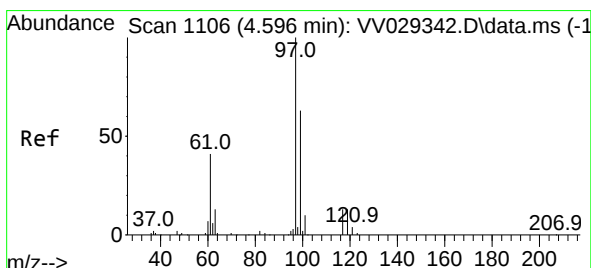
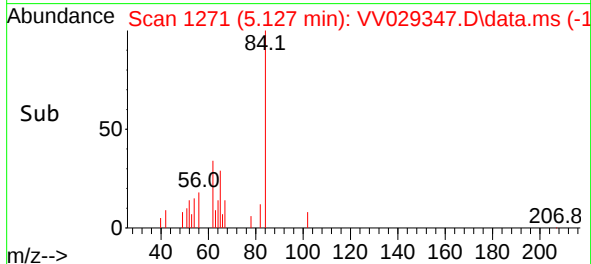
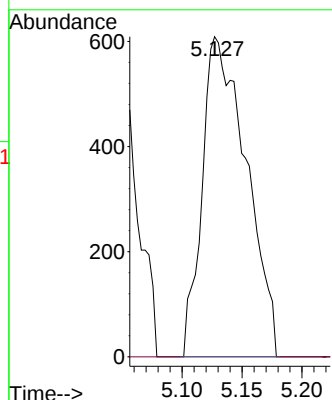
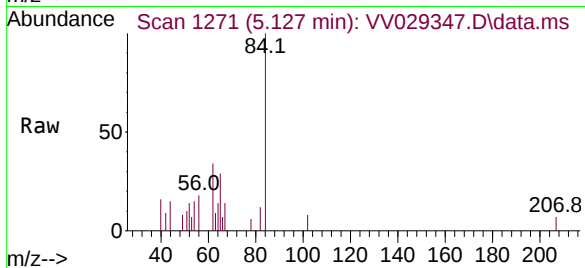
BHB65DL

Tgt Ion: 62 Resp: 1556

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#29

1,1,1-Trichloroethane

Concen: 1.539 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV029347.D

Acq: 25 Nov 2022 11:27

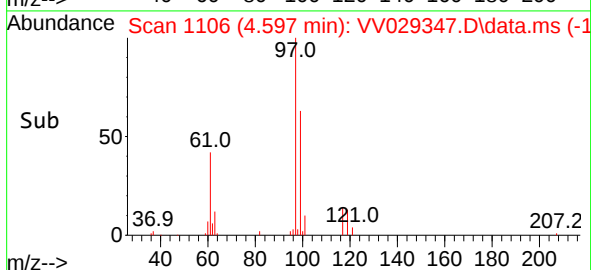
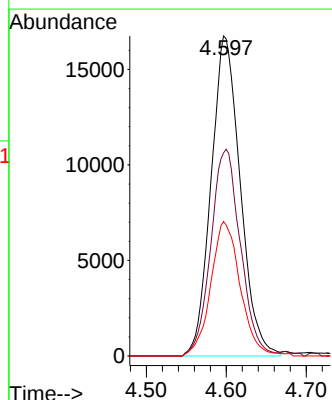
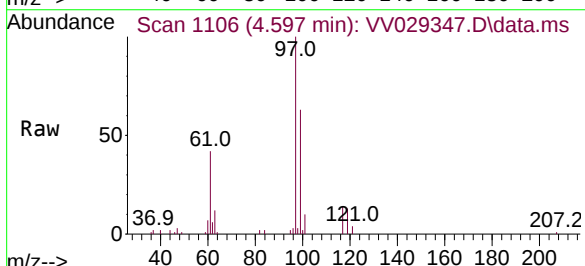
Tgt Ion: 97 Resp: 42411

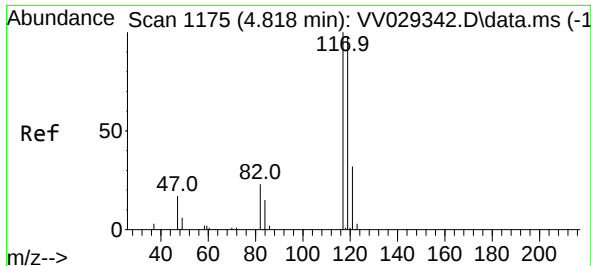
Ion Ratio Lower Upper

97 100

99 65.5 51.2 76.8

61 42.5 33.3 49.9

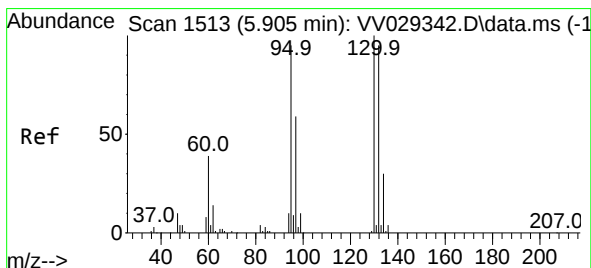
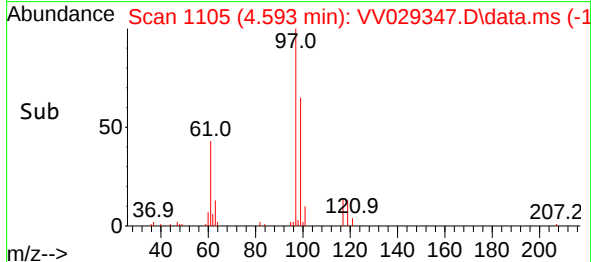
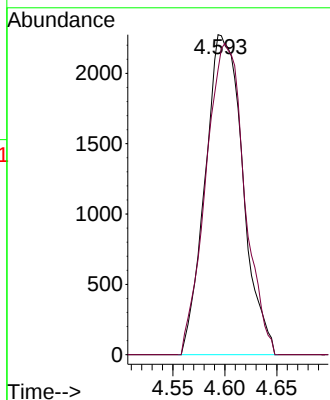
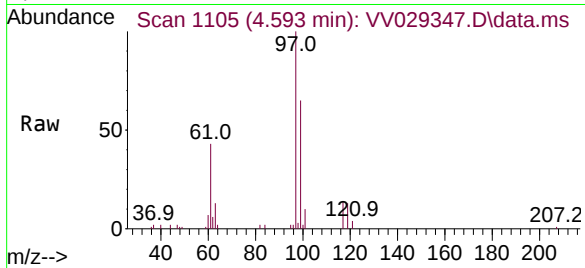




#31
Carbon tetrachloride
Concen: 0.246 ug/L
RT: 4.593 min Scan# 1175
Delta R.T. -0.225 min
Lab File: VV029347.D
Acq: 25 Nov 2022 11:27

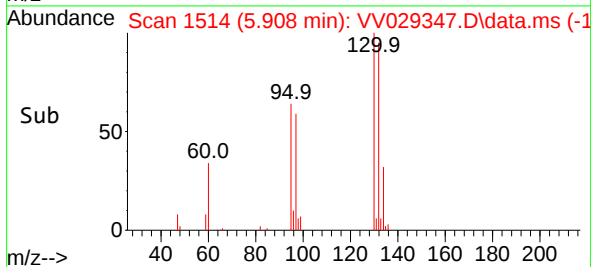
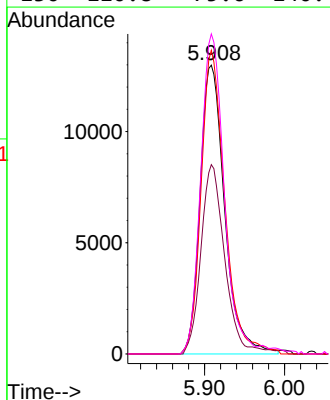
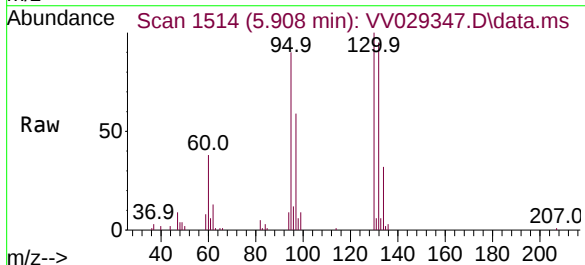
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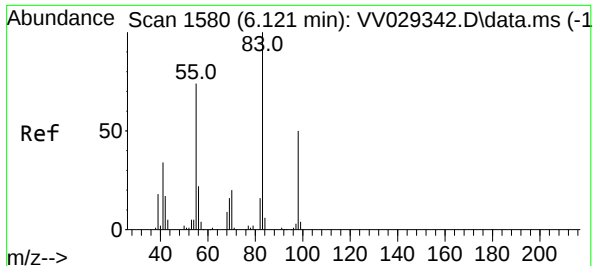
Tgt Ion:117 Resp: 5726
Ion Ratio Lower Upper
117 100
119 99.7 75.7 113.5



#34
Trichloroethene
Concen: 1.515 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029347.D
Acq: 25 Nov 2022 11:27

Tgt Ion: 95 Resp: 27691
Ion Ratio Lower Upper
95 100
97 65.5 45.4 84.4
132 105.2 73.3 136.1
130 110.8 75.6 140.4

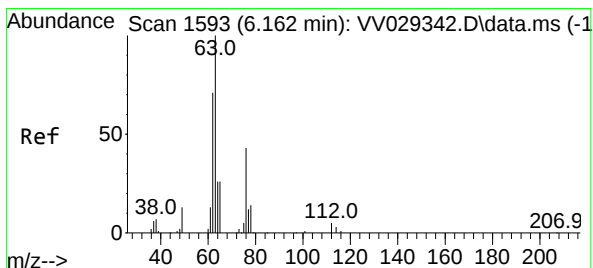
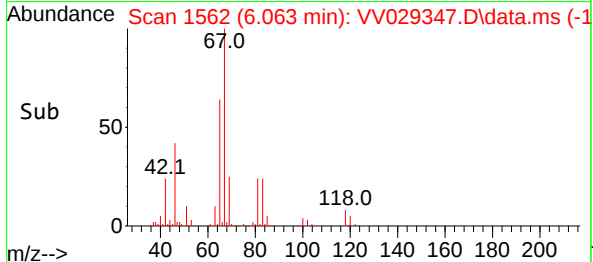
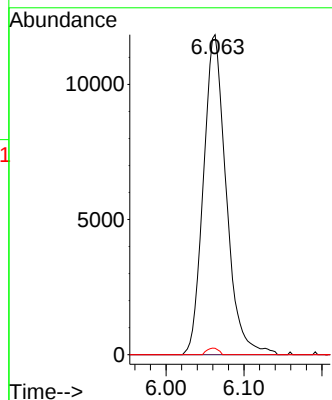
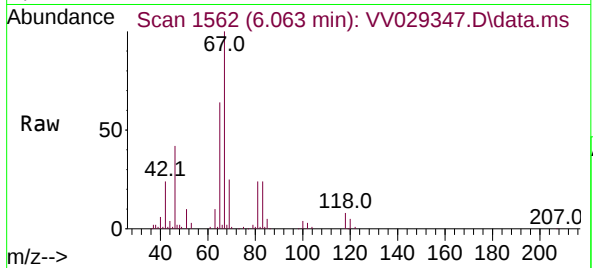




#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029347.D
Acq: 25 Nov 2022 11:27

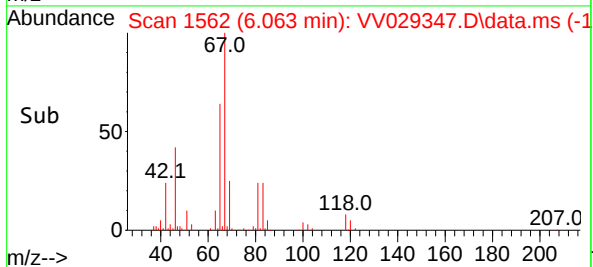
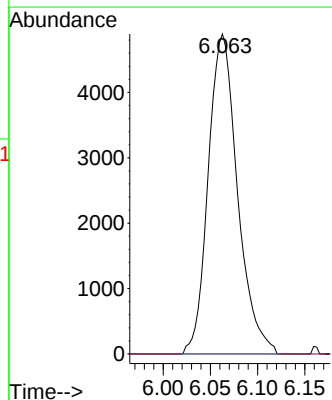
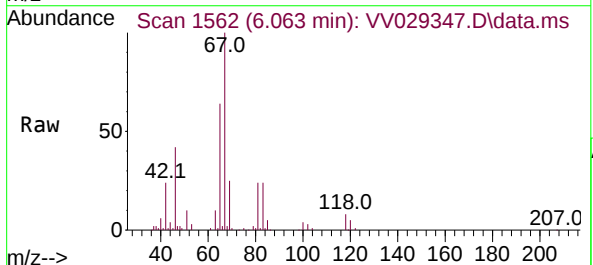
Instrument :
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BHB65DL

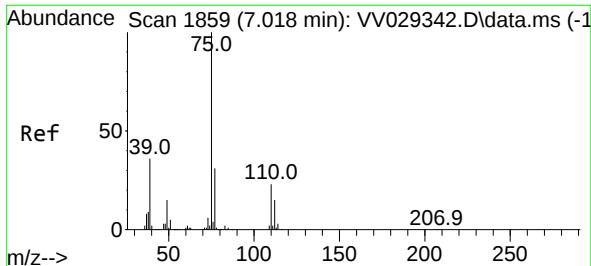
Tgt Ion: 83 Resp: 24056
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 1.1 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.100 min
Lab File: VV029347.D
Acq: 25 Nov 2022 11:27

Tgt Ion: 63 Resp: 10546
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV029347.D

Acq: 25 Nov 2022 11:27

Instrument :

MSVOA_V

ClientSampleId :

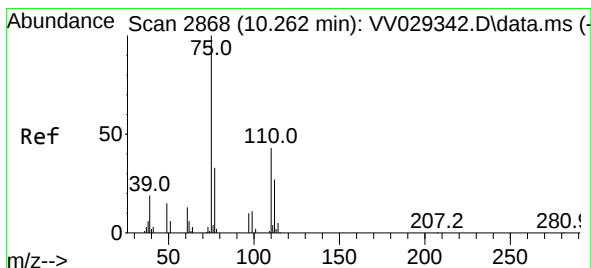
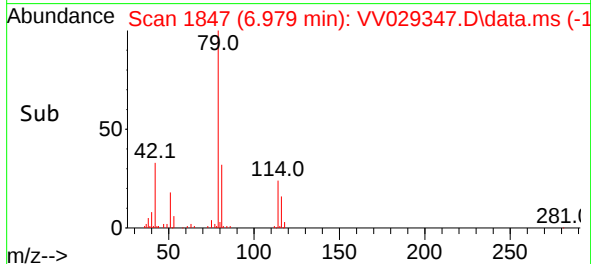
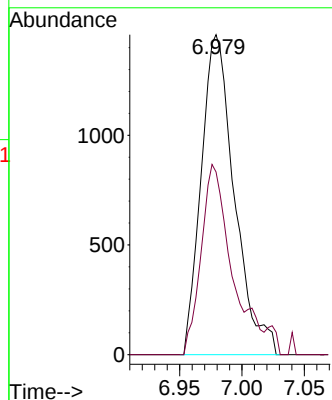
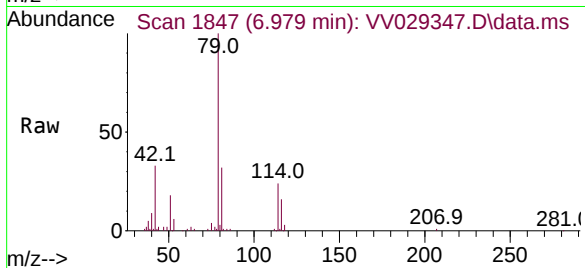
BHB65DL

Tgt Ion: 75 Resp: 2696

Ion Ratio Lower Upper

75 100

77 57.1 22.7 42.3#



#61

1,2,3-Trichloropropane

Concen: 1.675 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.978 min

Lab File: VV029347.D

Acq: 25 Nov 2022 11:27

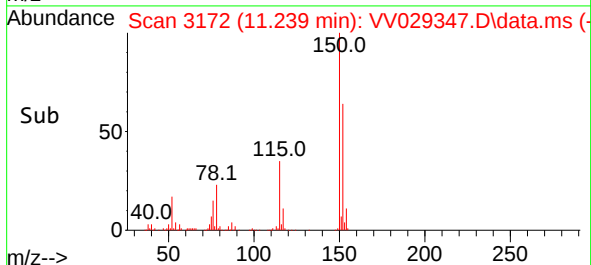
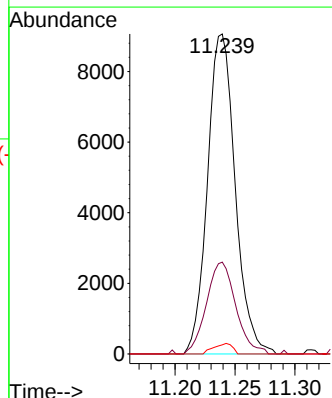
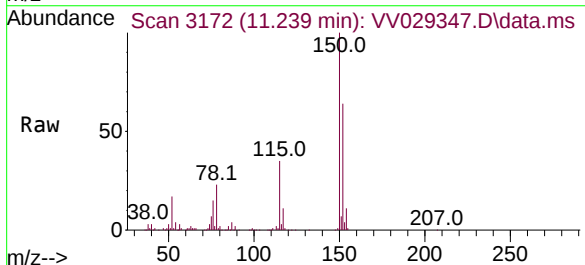
Tgt Ion: 75 Resp: 14547

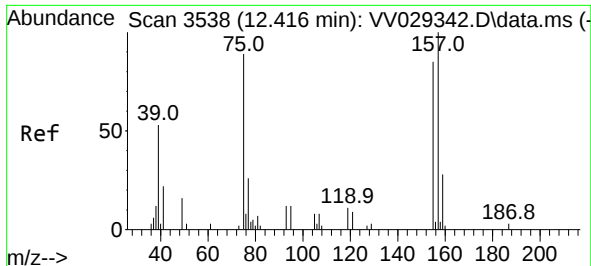
Ion Ratio Lower Upper

75 100

77 30.4 26.7 40.1

110 2.2 32.2 48.4#

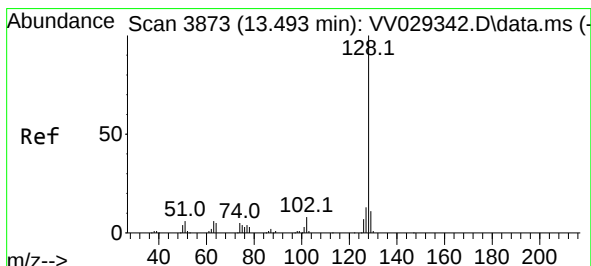
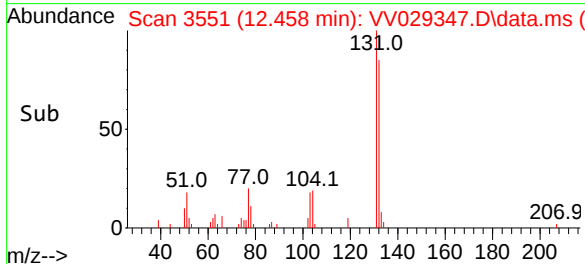
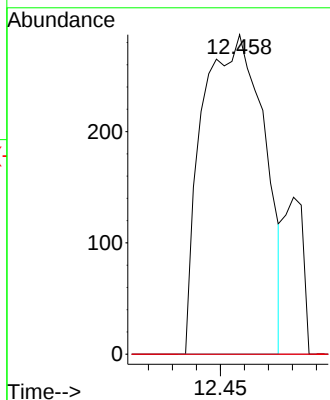
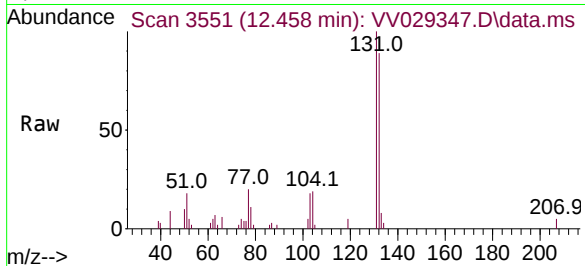




#68
1,2-Dibromo-3-chloropropane
Concen: 0.303 ug/L
RT: 12.458 min Scan# 3551
Delta R.T. 0.042 min
Lab File: VV029347.D
Acq: 25 Nov 2022 11:27

Instrument :
MSVOA_V
ClientSampleId :
BHB65DL

Tgt Ion: 75 Resp: 517
Ion Ratio Lower Upper
75 100
155 0.0 76.6 115.0#
157 0.0 96.9 145.3#



#71
Naphthalene
Concen: 2.184 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV029347.D
Acq: 25 Nov 2022 11:27

Tgt Ion: 128 Resp: 47685
Ion Ratio Lower Upper
128 100
129 8.9 8.9 13.3#
127 13.6 10.6 15.8

