

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029346.D
 Acq On : 25 Nov 2022 11:02
 Operator : SY/MD
 Sample : N5725-07DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB63DL

Quant Time: Nov 25 21:30:09 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	286838	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	254079	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	132224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84631	4.794	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.565	69	63282	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.105	63	100285	3.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.886	46	148115	50.158	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.320%
24) Chloroform-d	4.339	84	148646	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.024	65	68446	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.044	84	329456	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.063	67	95757	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.307	98	306712	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.616	79	35540	4.672	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.082	63	128026	47.212	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	61426	5.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	108216	4.685	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
16) Methylene chloride	2.503	84	6752	0.300	ug/L	99
33) Benzene	5.098	78	21564	0.284	ug/L	100
35) Methylcyclohexane	6.063	83	22437	0.686	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10307	0.576	ug/L #	85
42) Toluene	7.381	91	124334	1.524	ug/L	99
45) 1,1,2-Trichloroethane	7.693	97	1200	0.099	ug/L #	15
52) Ethylbenzene	9.005	91	341612	4.017	ug/L	98
53) m,p-Xylene	9.130	106	63434	1.891	ug/L	99
54) o-Xylene	9.535	106	197011	5.980	ug/L	100
55) Styrene	9.535	104	10569	0.190	ug/L #	1
60) Isopropylbenzene	9.921	105	87263	1.021	ug/L	99
61) 1,2,3-Trichloropropane	9.535	75	4792	0.523	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.529	105	7218	0.098	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	50554	0.679	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.452	75	26433	14.677	ug/L #	1
71) Naphthalene	13.493	128	230020	9.979	ug/L	99

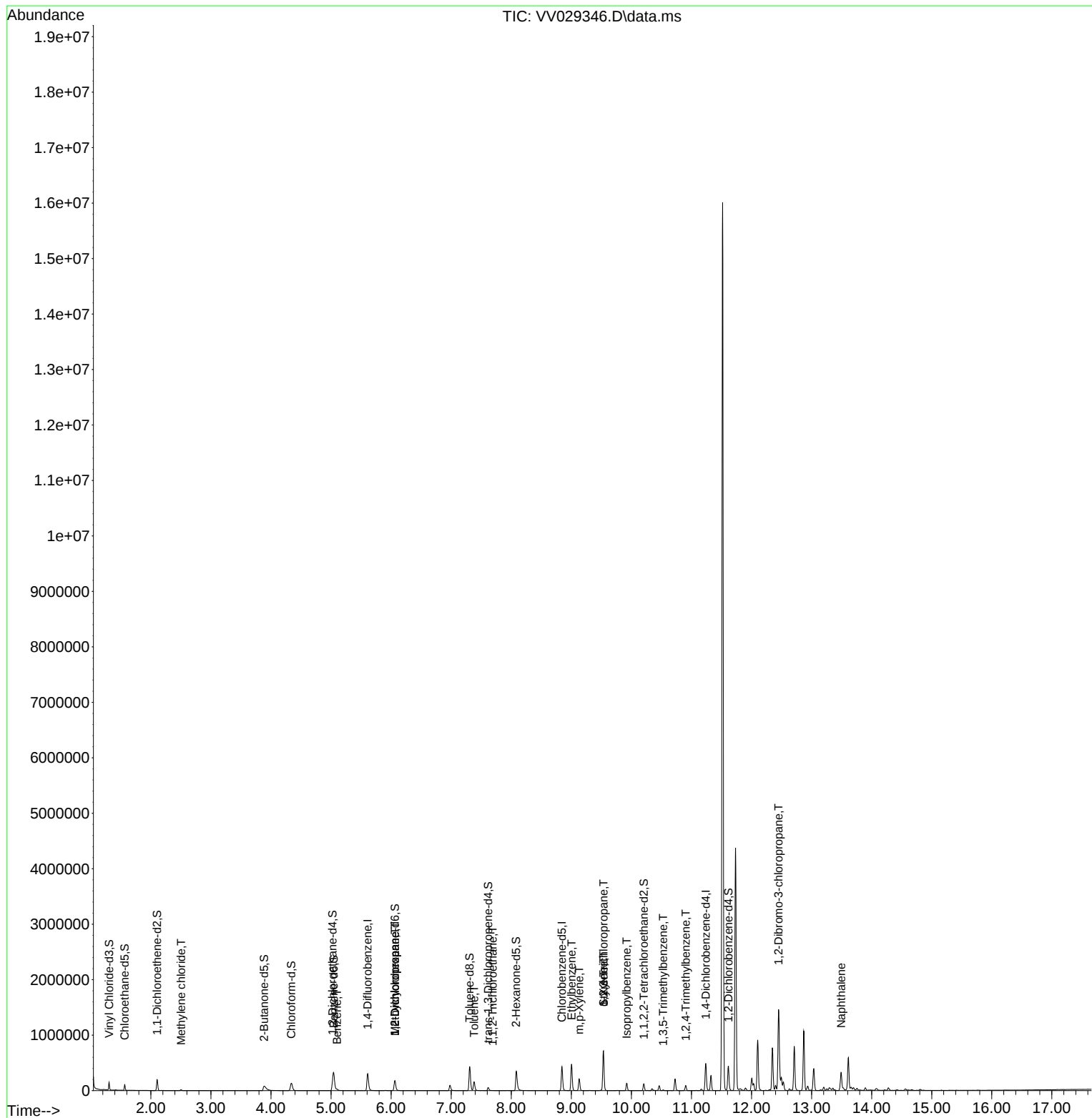
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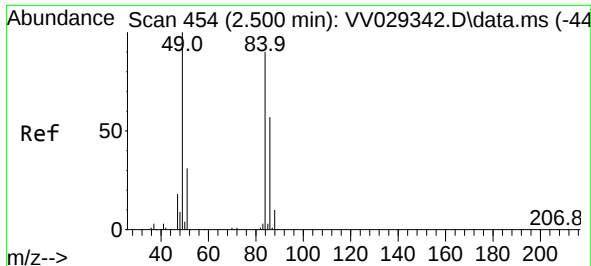
Instrument :
MSVOA_V
ClientSampleId :
BHB63DL

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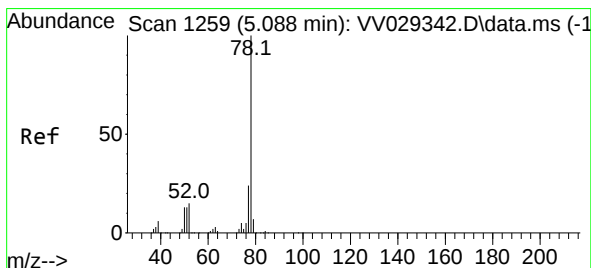
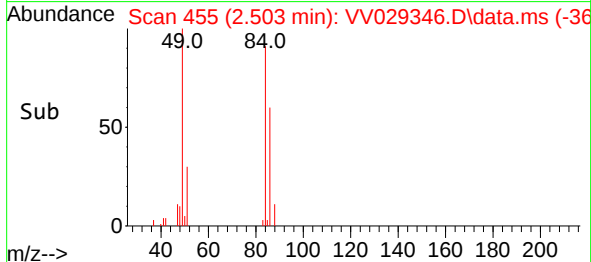
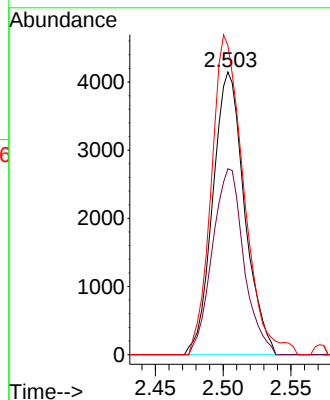
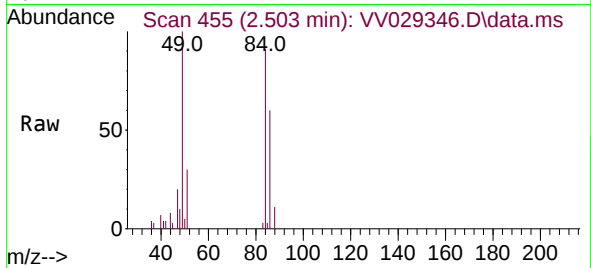




#16
Methylene chloride
Concen: 0.300 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

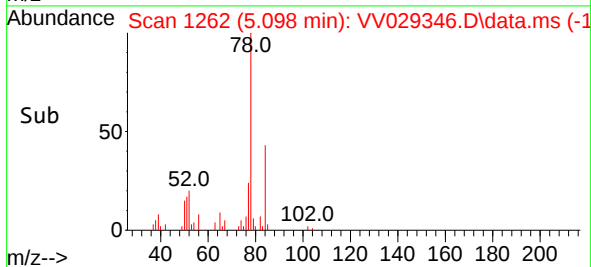
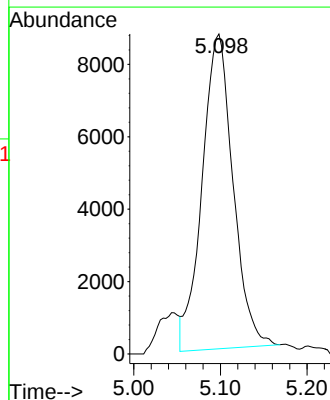
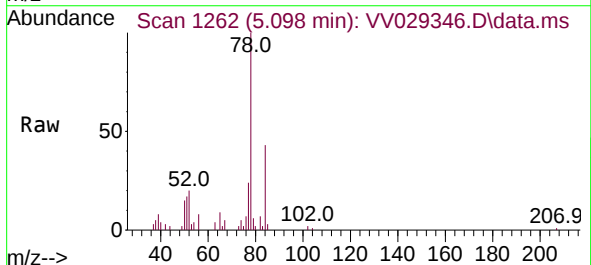
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MSVOA_V
ClientSampleId :
BHB63DL

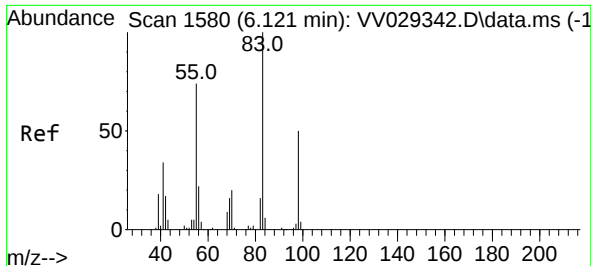
Tgt Ion: 84 Resp: 6752
Ion Ratio Lower Upper
84 100
86 65.8 45.6 84.6
49 109.4 77.8 144.4



#33
Benzene
Concen: 0.284 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.010 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

Tgt Ion: 78 Resp: 21564

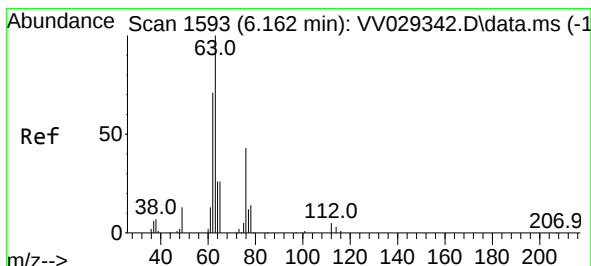
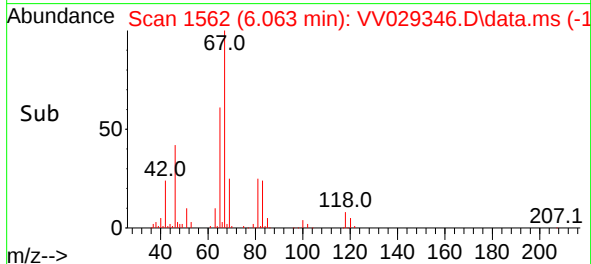
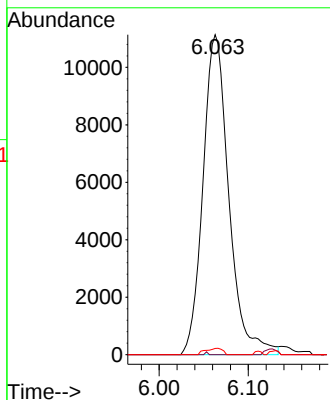
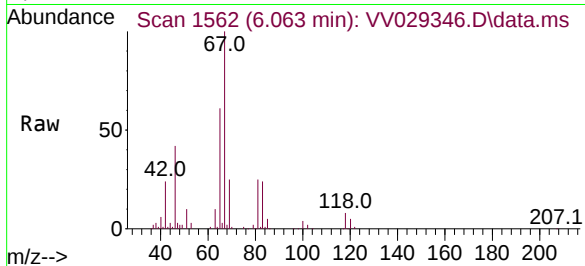




#35
Methylcyclohexane
Concen: 0.686 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

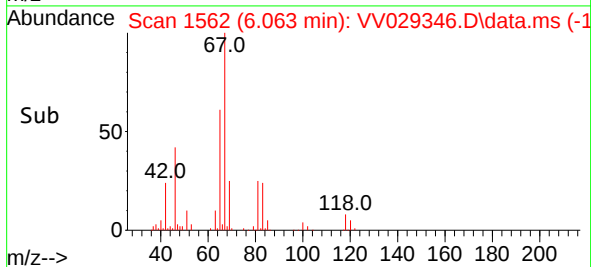
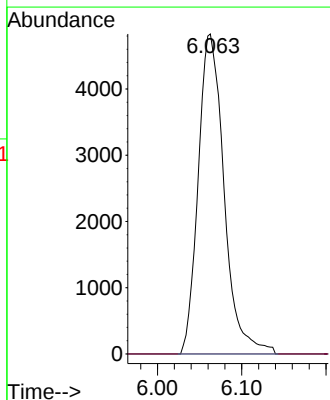
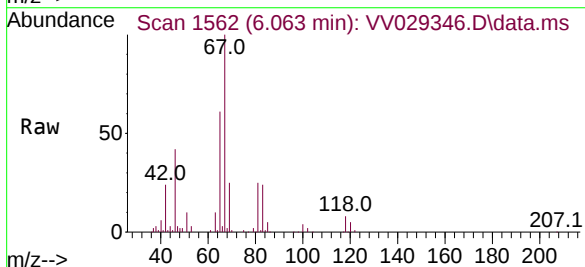
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ClientSampleId :
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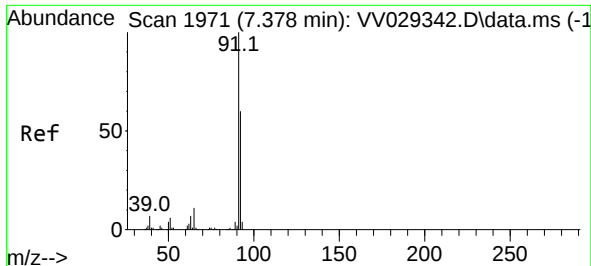
Tgt Ion: 83 Resp: 22437
Ion Ratio Lower Upper
83 100
55 0.1 55.4 83.2#
98 1.3 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.100 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

Tgt Ion: 63 Resp: 10307
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#42

Toluene

Concen: 1.524 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029346.D

Acq: 25 Nov 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

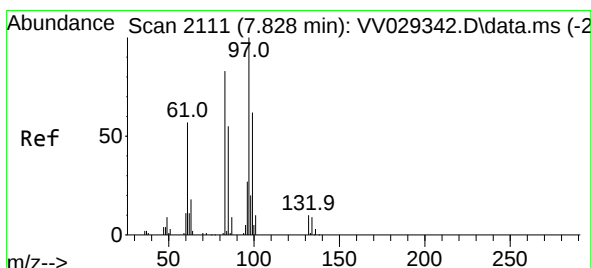
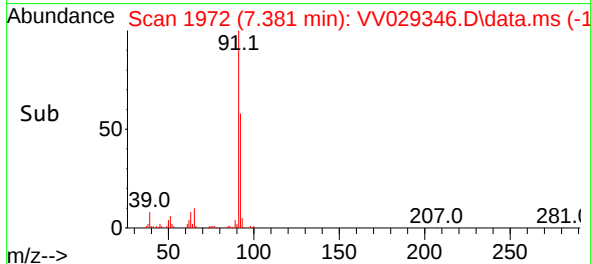
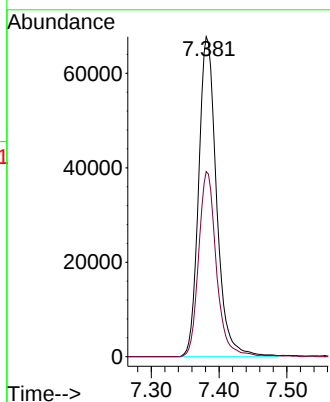
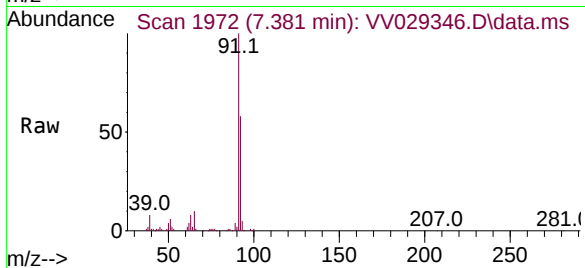
BHB63DL

Tgt Ion: 91 Resp: 124334

Ion Ratio Lower Upper

91 100

92 57.8 40.8 75.8



#45

1,1,2-Trichloroethane

Concen: 0.099 ug/L

RT: 7.693 min Scan# 2069

Delta R.T. -0.135 min

Lab File: VV029346.D

Acq: 25 Nov 2022 11:02

Tgt Ion: 97 Resp: 1200

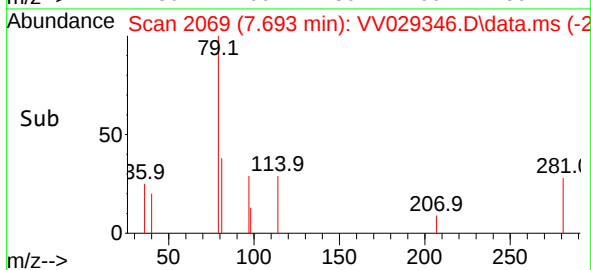
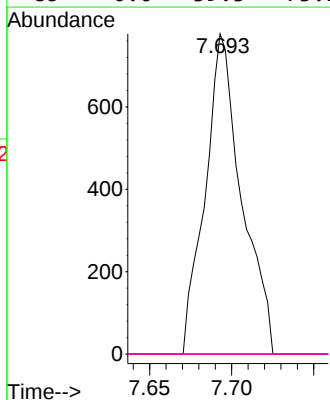
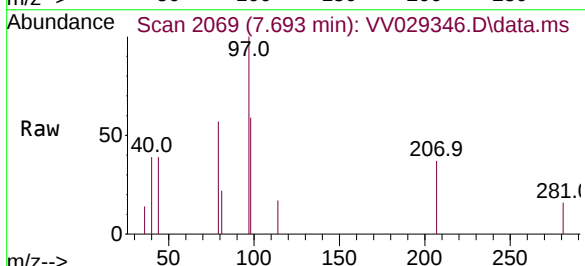
Ion Ratio Lower Upper

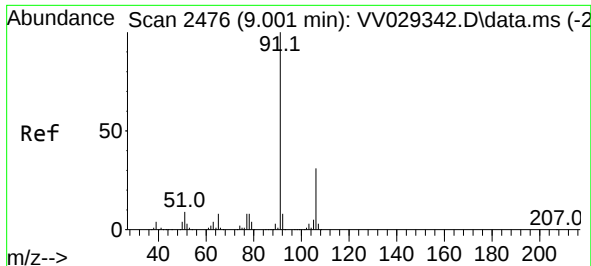
97 100

99 0.0 44.4 82.5#

83 0.0 59.5 110.5#

85 0.0 39.3 73.1#

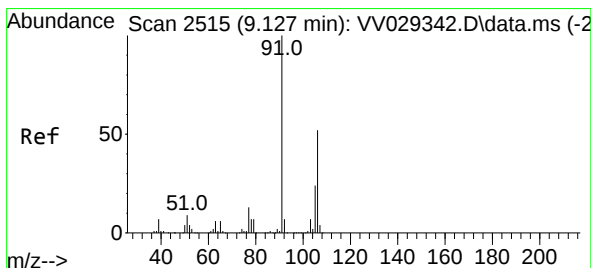
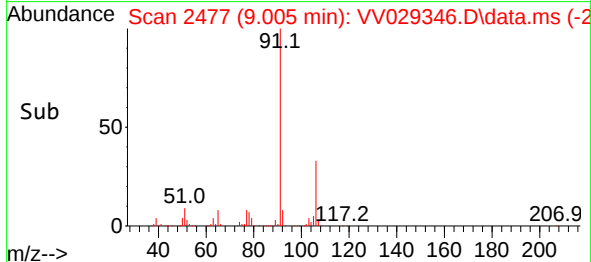
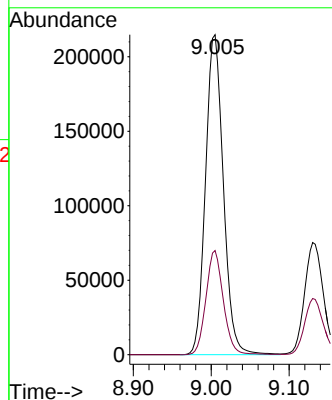
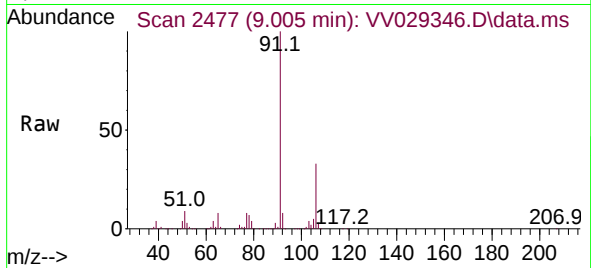




#52
Ethylbenzene
Concen: 4.017 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. 0.003 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

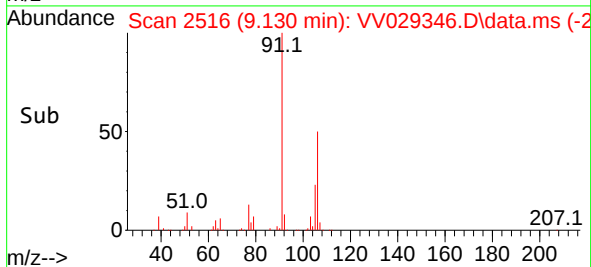
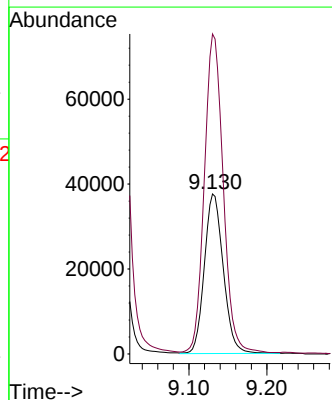
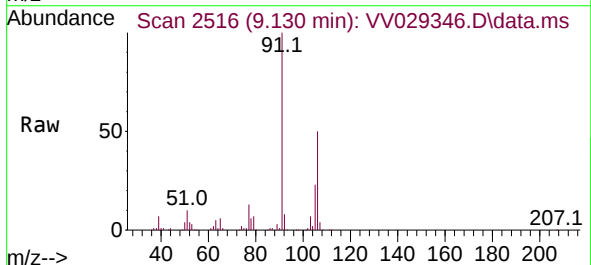
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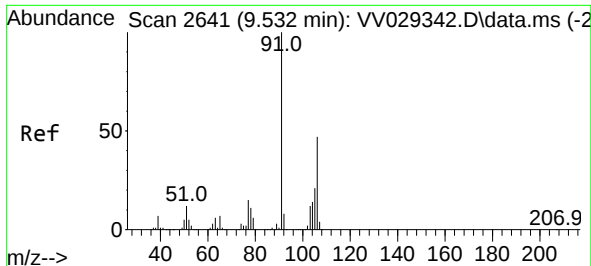
Tgt Ion: 91 Resp: 341612
Ion Ratio Lower Upper
91 100
106 32.5 21.9 40.7



#53
m,p-Xylene
Concen: 1.891 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.003 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

Tgt Ion: 106 Resp: 63434
Ion Ratio Lower Upper
106 100
91 200.0 140.6 261.2

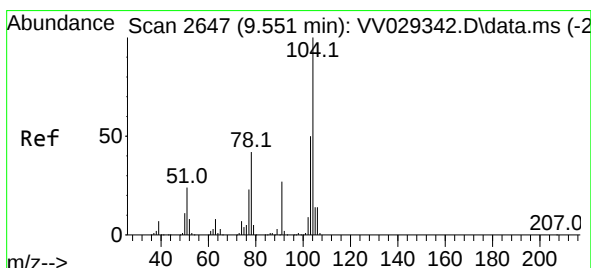
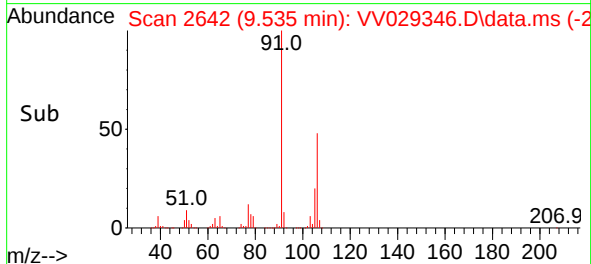
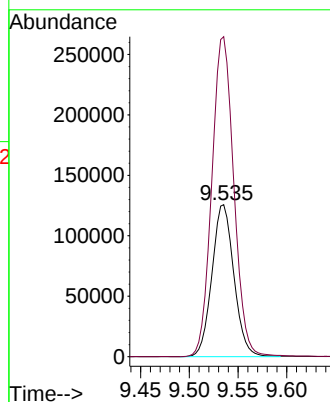
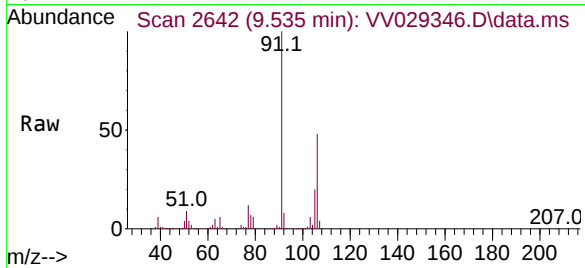




#54
o-Xylene
Concen: 5.980 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

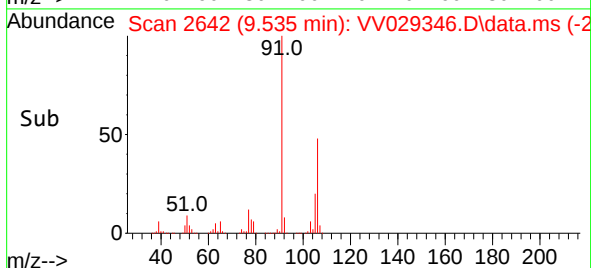
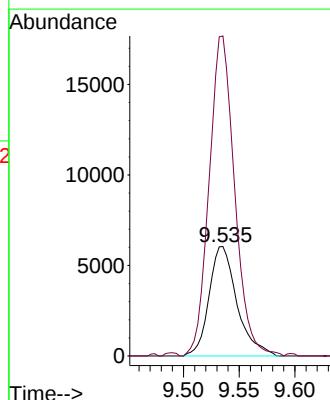
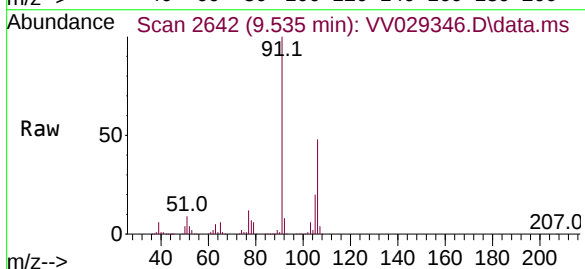
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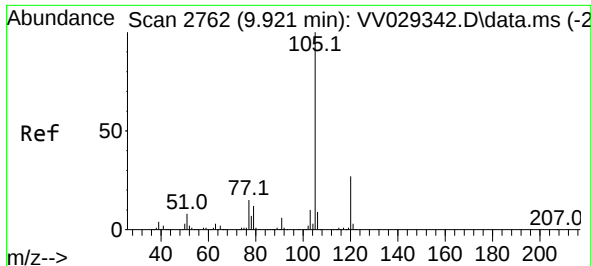
Tgt Ion:106 Resp: 197011
Ion Ratio Lower Upper
106 100
91 210.4 146.9 272.9



#55
Styrene
Concen: 0.190 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.016 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

Tgt Ion:104 Resp: 10569
Ion Ratio Lower Upper
104 100
78 292.2 29.9 55.5#

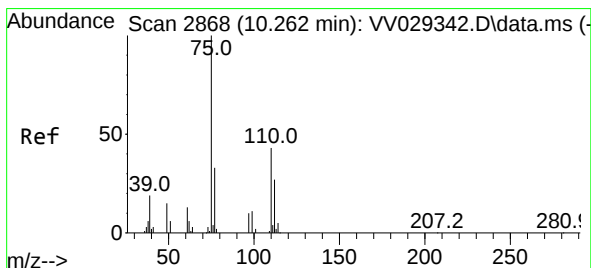
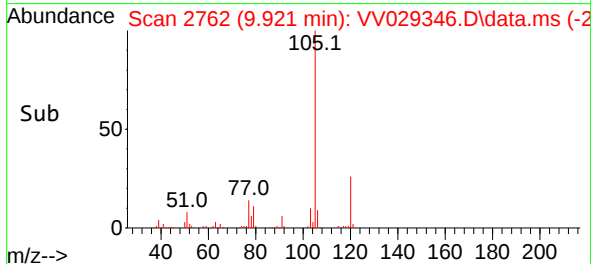
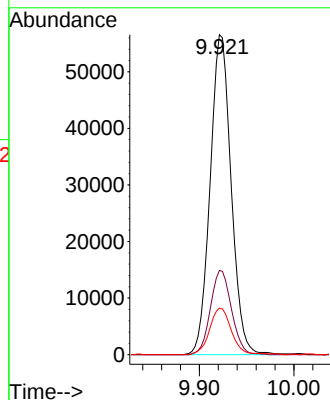
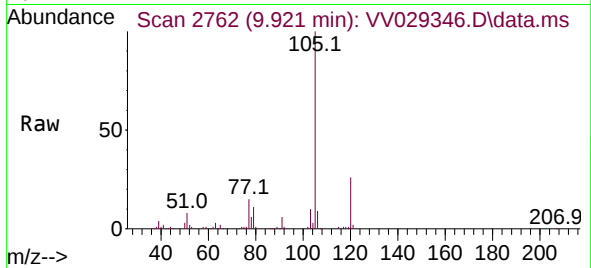




#60
Isopropylbenzene
Concen: 1.021 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

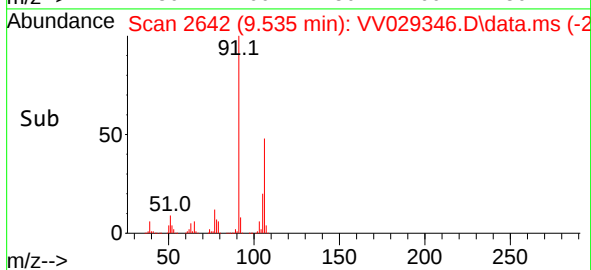
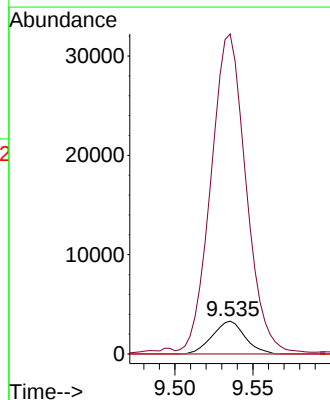
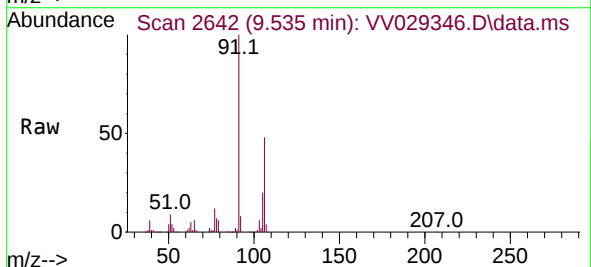
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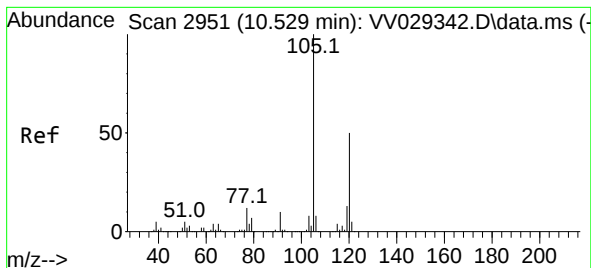
Tgt Ion:105 Resp: 87263
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2
77 15.2 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 0.523 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.727 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

Tgt Ion: 75 Resp: 4792
Ion Ratio Lower Upper
75 100
77 1040.4 26.7 40.1#
110 0.0 32.2 48.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.098 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029346.D

Acq: 25 Nov 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

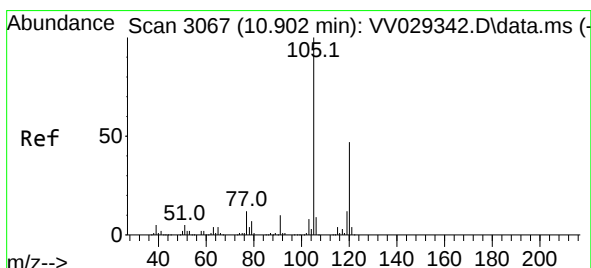
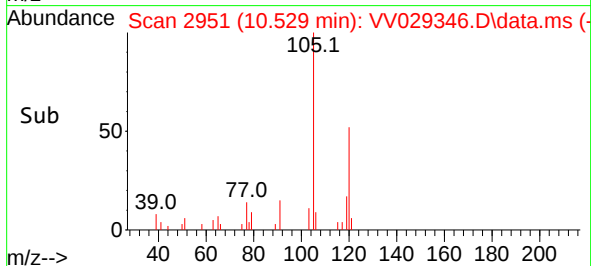
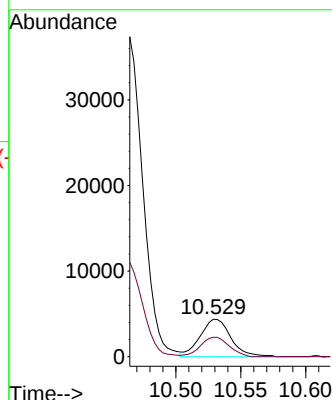
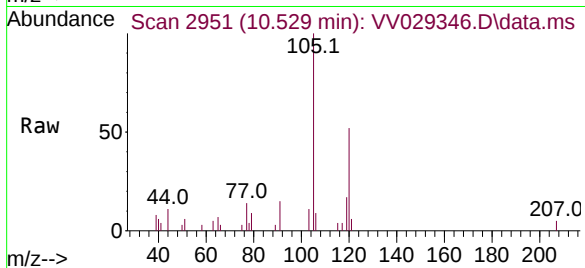
BHB63DL

Tgt Ion:105 Resp: 7218

Ion Ratio Lower Upper

105 100

120 48.4 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.679 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.003 min

Lab File: VV029346.D

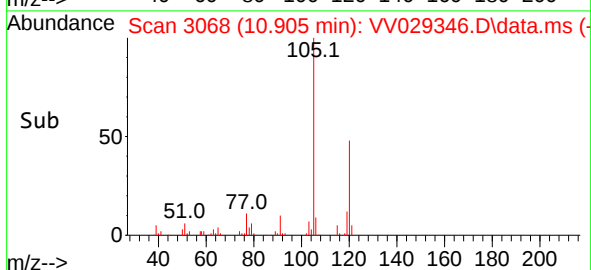
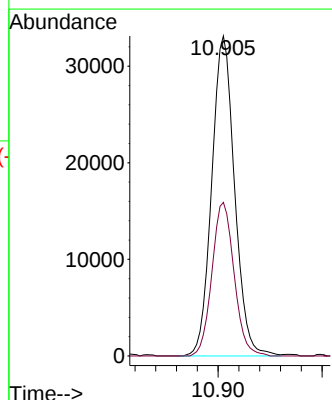
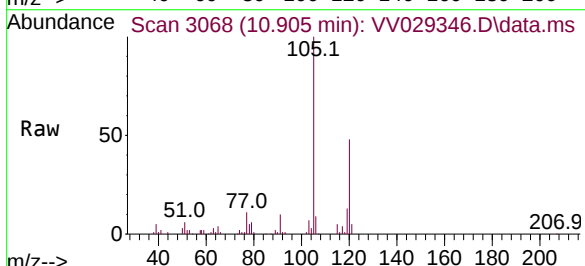
Acq: 25 Nov 2022 11:02

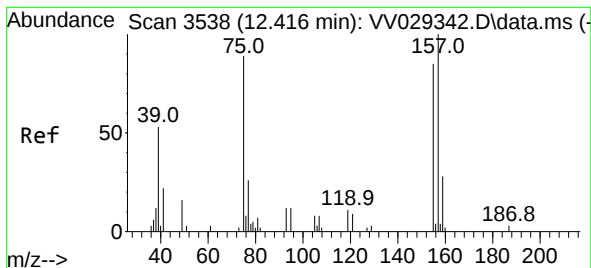
Tgt Ion:105 Resp: 50554

Ion Ratio Lower Upper

105 100

120 46.5 37.2 55.8

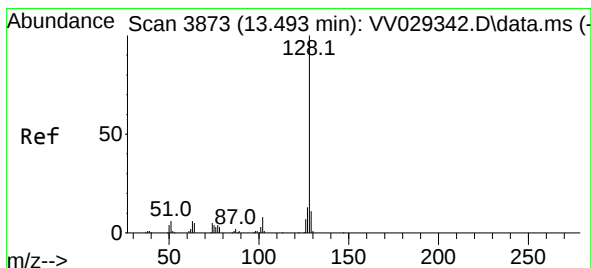
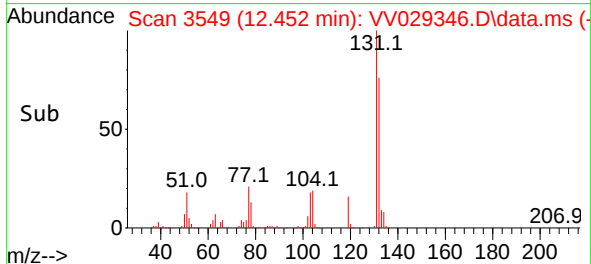
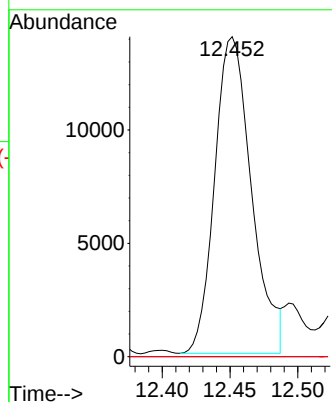
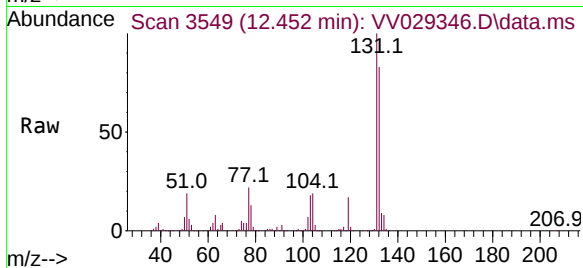




#68
1,2-Dibromo-3-chloropropane
Concen: 14.677 ug/L
RT: 12.452 min Scan# 3549
Delta R.T. 0.035 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

Instrument :
MSVOA_V
ClientSampleId :
BHB63DL

Tgt Ion: 75 Resp: 26433
Ion Ratio Lower Upper
75 100
155 0.0 76.6 115.0#
157 0.0 96.9 145.3#



#71
Naphthalene
Concen: 9.979 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV029346.D
Acq: 25 Nov 2022 11:02

Tgt Ion: 128 Resp: 230020
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.9 10.6 15.8

