

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
 Data File : VN073445.D
 Acq On : 13 Jul 2022 12:20
 Operator : JC\MD
 Sample : VN0713WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBL01

Quant Time: Jul 14 07:02:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

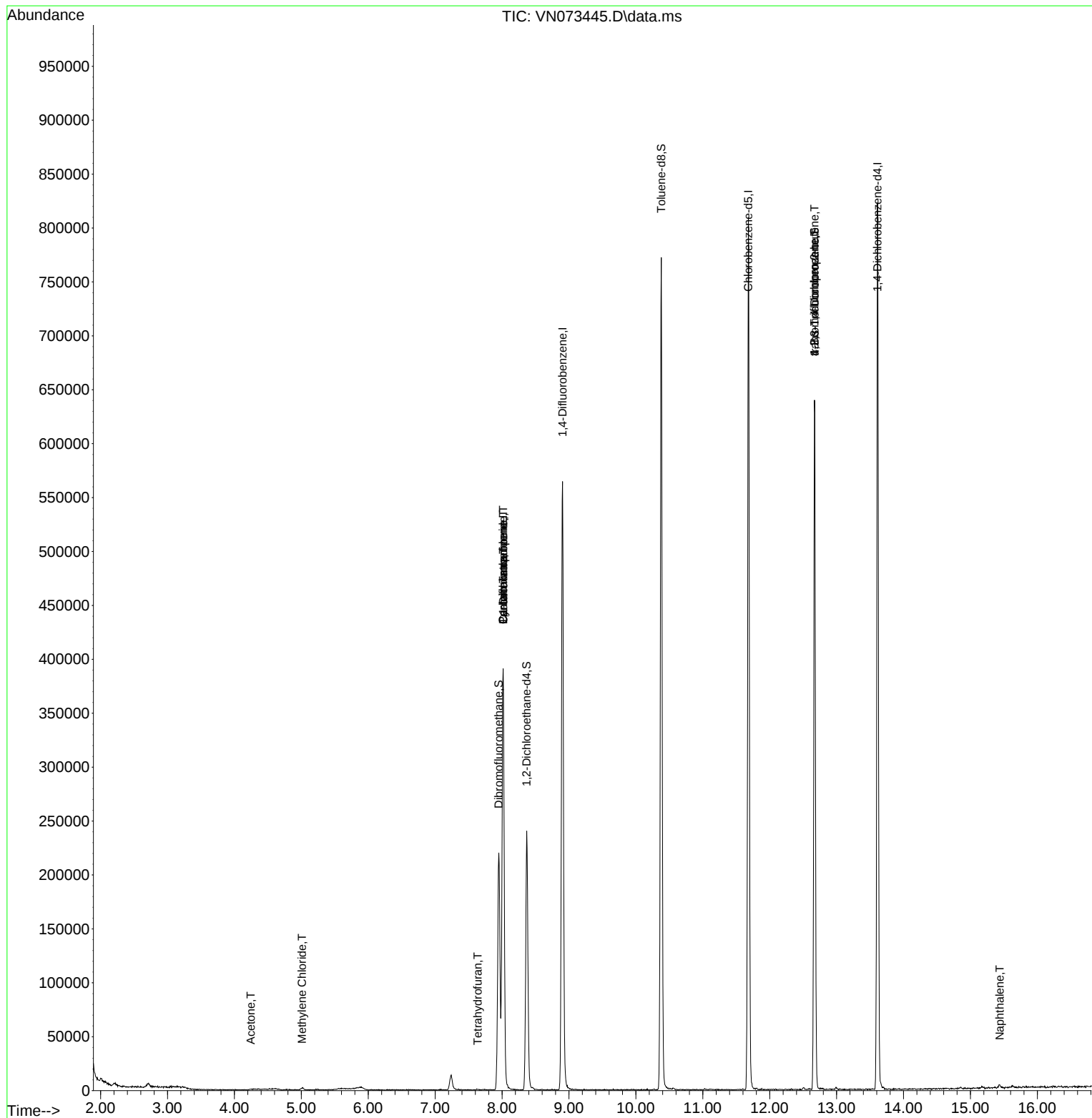
Internal Standards						
1) Pentafluorobenzene	8.016	168	288728	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	489761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	452430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	214895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	197411	47.362	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.720%
35) Dibromofluoromethane	7.951	113	164859	50.594	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.180%
50) Toluene-d8	10.380	98	525790	45.433	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.669	95	224377	50.451	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.900%
Target Compounds						
					Qvalue	
16) Acetone	4.246	43	960	0.410	ug/l	# 42
20) Methylene Chloride	5.010	84	1546	0.376	ug/l	# 77
29) Tetrahydrofuran	7.634	42	609	0.239	ug/l	# 43
31) Cyclohexane	8.016	56	6619	0.970	ug/l	# 4
36) 1,1-Dichloropropene	8.016	75	25381	5.062	ug/l	# 43
38) Carbon Tetrachloride	8.016	117	30136	5.812	ug/l	# 16
76) 1,2,3-Trichloropropane	12.669	75	119452	21.258	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.669	75	119452	58.300	ug/l	# 10
95) Naphthalene	15.439	128	3383	0.204	ug/l	# 82

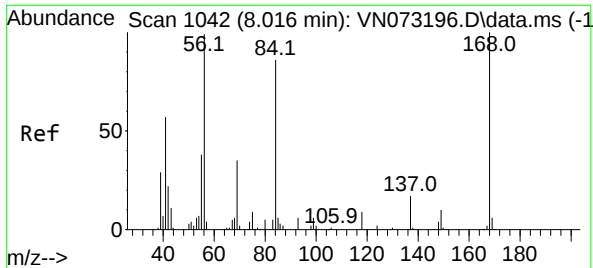
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Jul 14 07:02:23 2022
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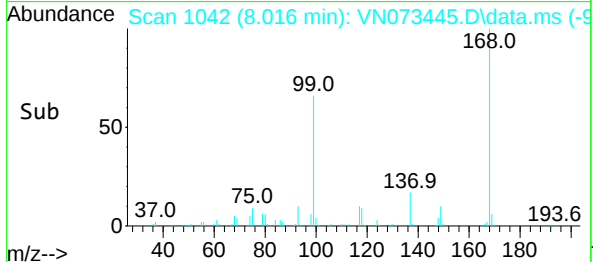
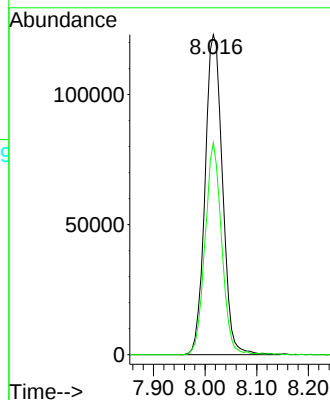
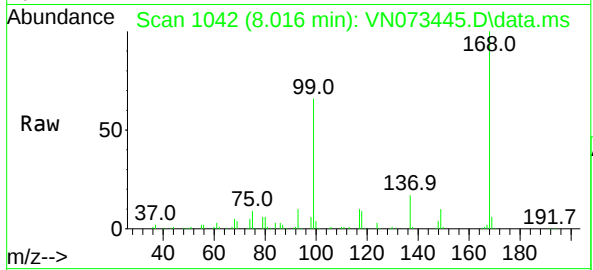




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

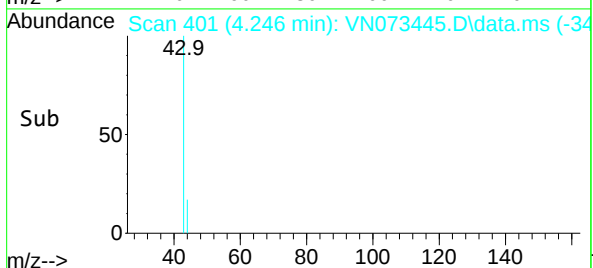
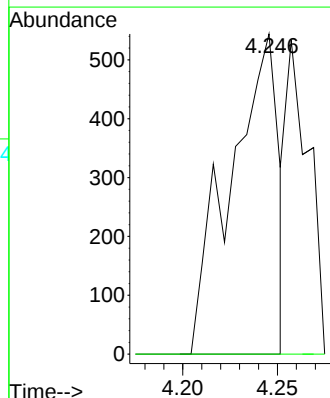
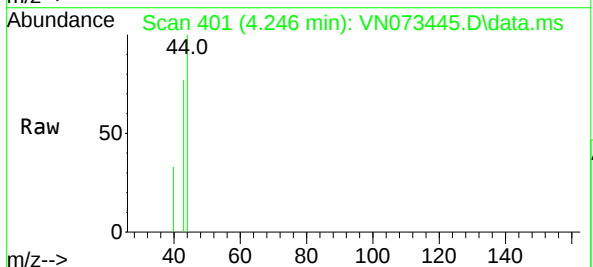
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBL01

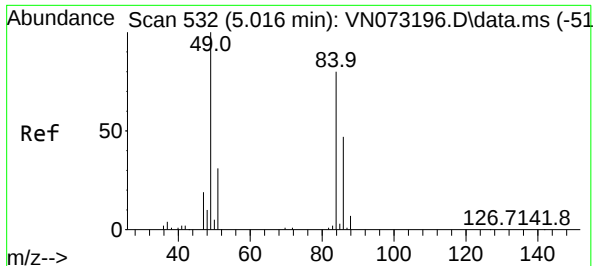
Tgt Ion:168 Resp: 288728
Ion Ratio Lower Upper
168 100
99 66.2 42.3 63.5#



#16
Acetone
Concen: 0.410 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

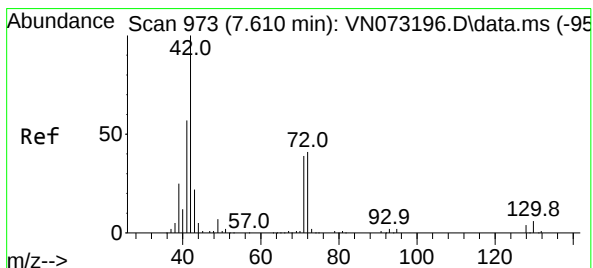
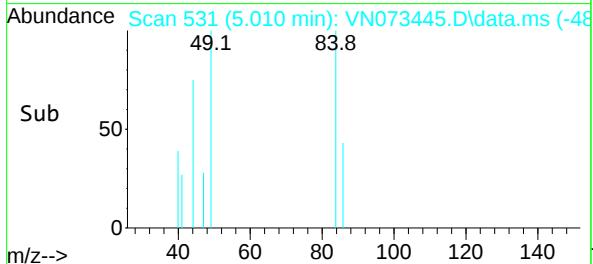
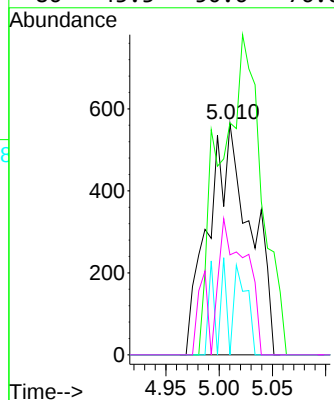
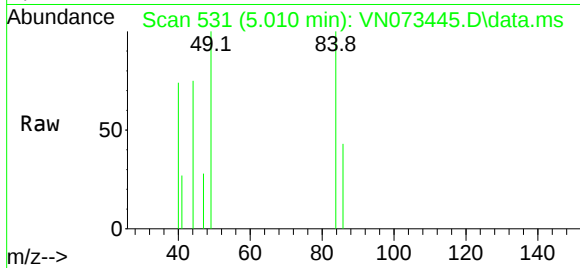




#20
Methylene Chloride
Concen: 0.376 ug/l
RT: 5.010 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

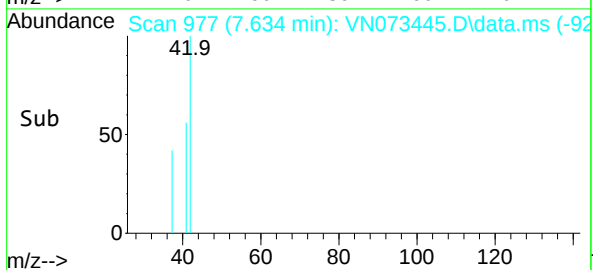
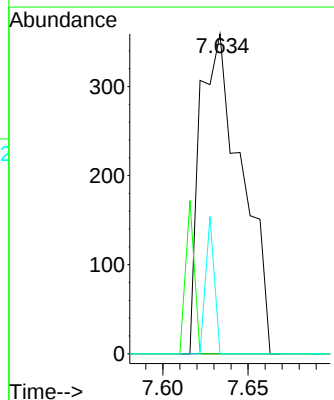
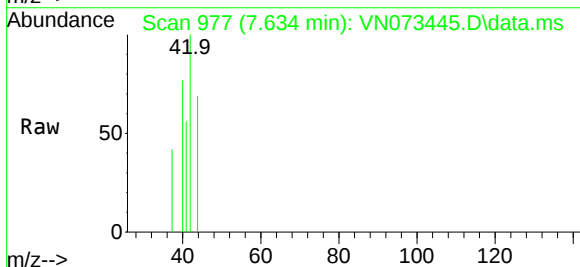
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBL01

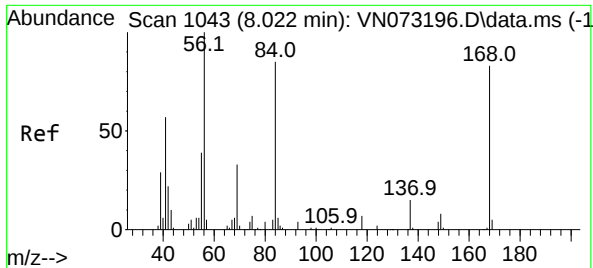
Tgt Ion:	84	Resp:	1546
Ion	Ratio	Lower	Upper
84	100		
49	100.4	88.3	132.5
51	0.0	28.2	42.2#
86	43.3	50.6	76.0#



#29
Tetrahydrofuran
Concen: 0.239 ug/l
RT: 7.634 min Scan# 977
Delta R.T. 0.024 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

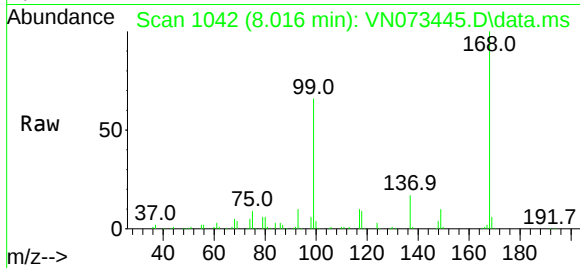
Tgt Ion:	42	Resp:	609
Ion	Ratio	Lower	Upper
42	100		
72	10.0	39.7	59.5#
71	8.9	36.6	55.0#



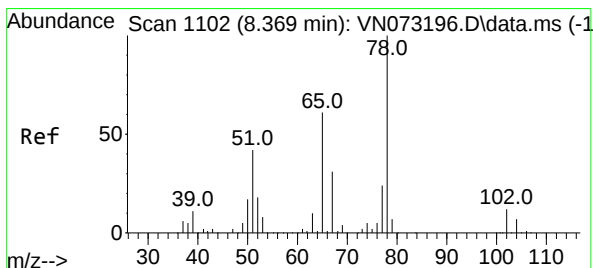
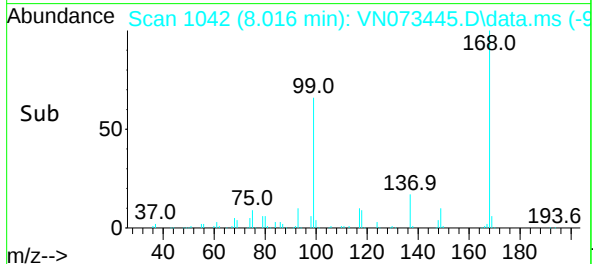
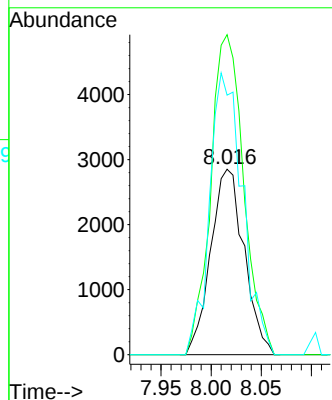


#31
Cyclohexane
Concen: 0.970 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBL01

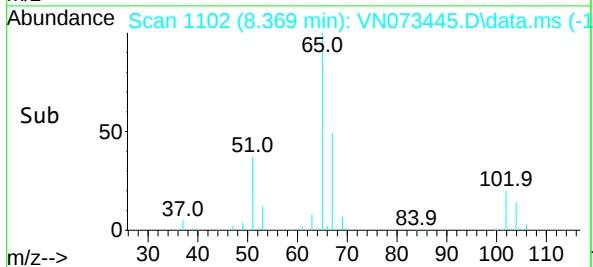
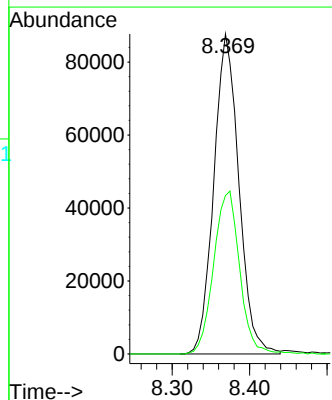
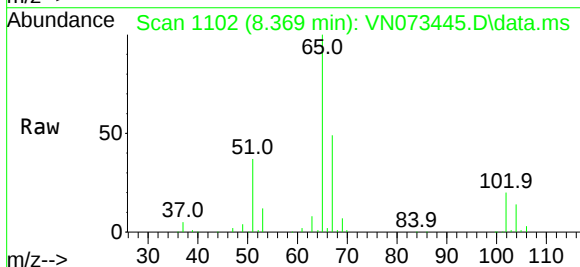


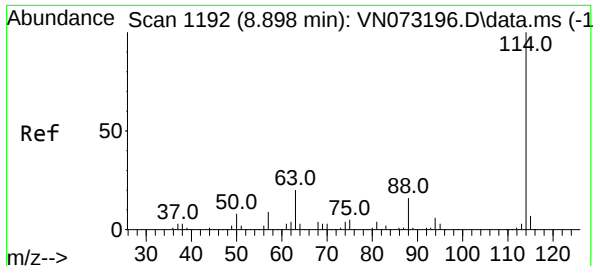
Tgt Ion: 56 Resp: 6619
Ion Ratio Lower Upper
56 100
69 172.6 27.8 41.8#
84 140.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.362 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

Tgt Ion: 65 Resp: 197411
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073445.D

Acq: 13 Jul 2022 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBL01

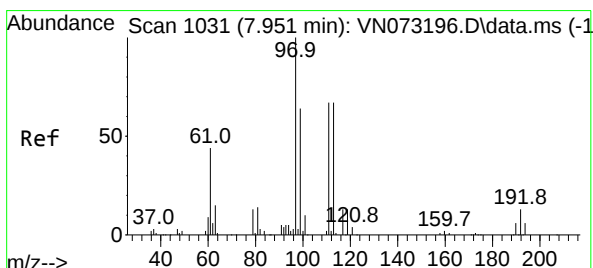
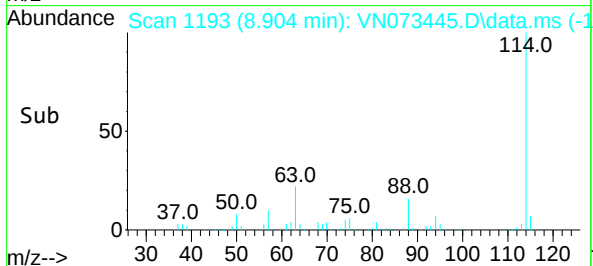
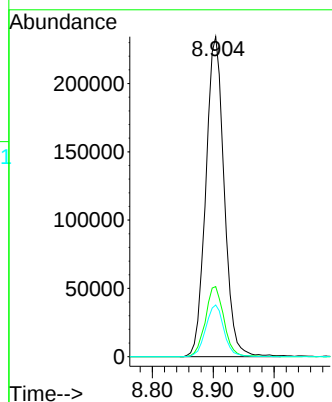
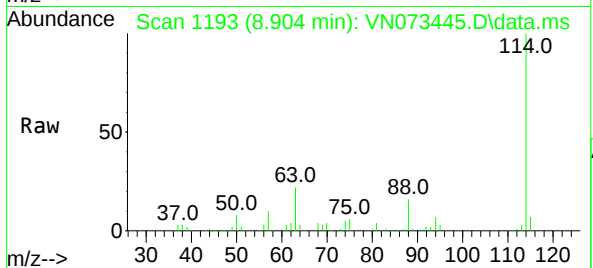
Tgt Ion:114 Resp: 489761

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.594 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073445.D

Acq: 13 Jul 2022 12:20

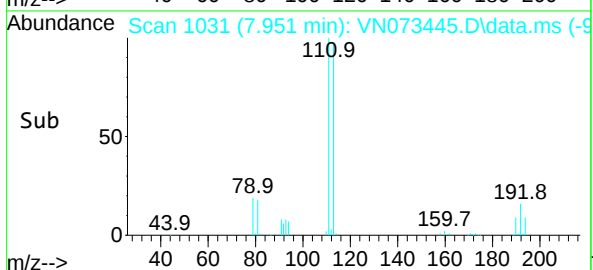
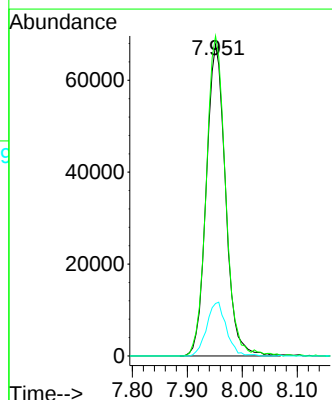
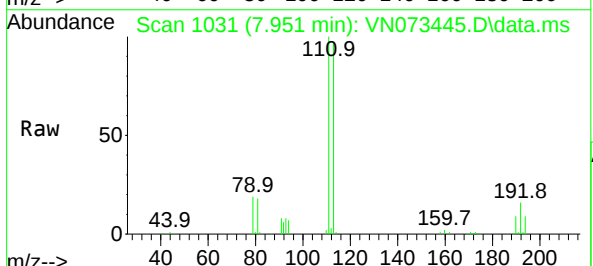
Tgt Ion:113 Resp: 164859

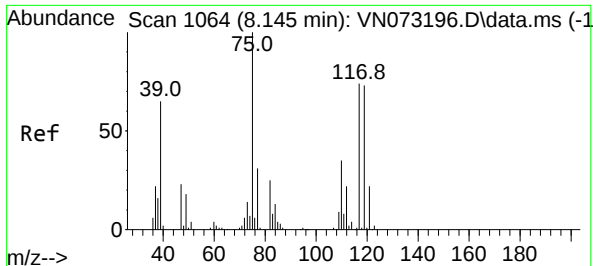
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 17.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.062 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073445.D

Acq: 13 Jul 2022 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBL01

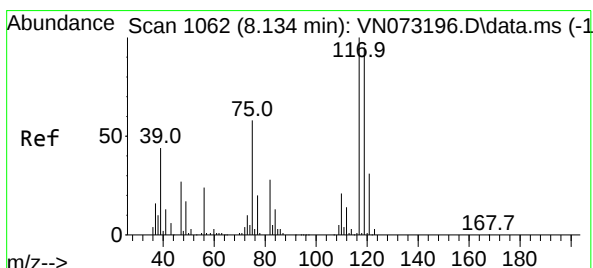
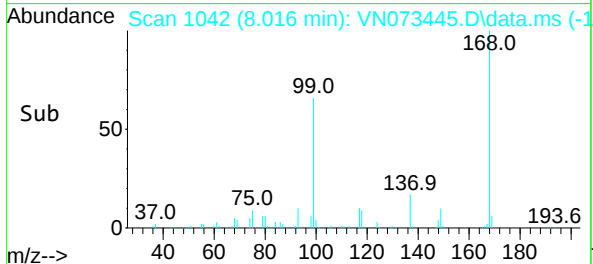
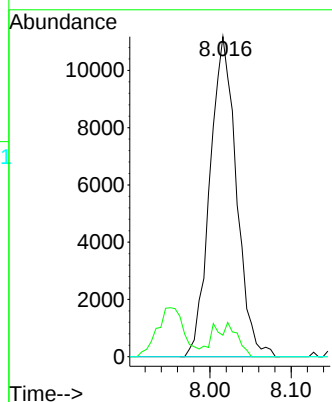
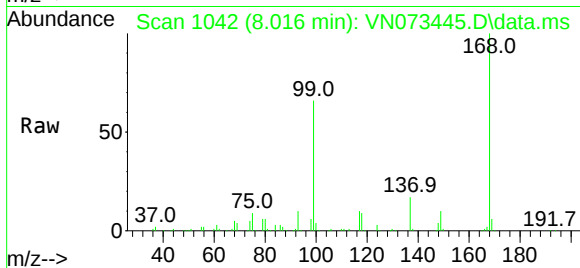
Tgt Ion: 75 Resp: 25381

Ion Ratio Lower Upper

75 100

110 2.9 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.812 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073445.D

Acq: 13 Jul 2022 12:20

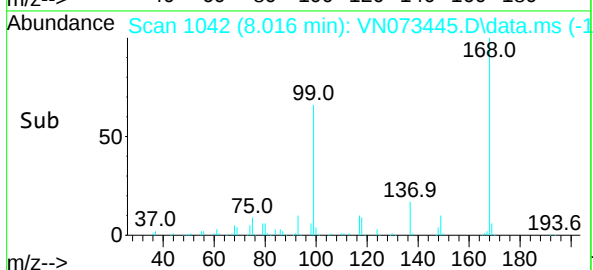
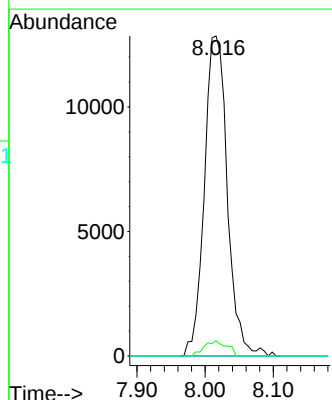
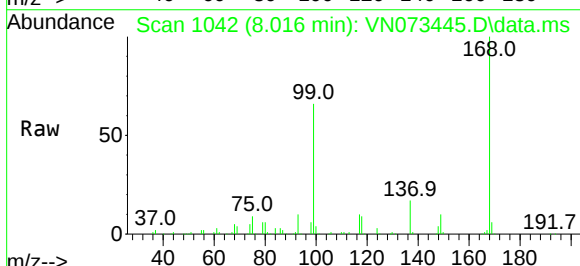
Tgt Ion: 117 Resp: 30136

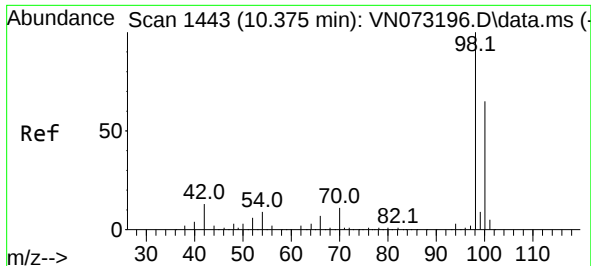
Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.8#

121 0.0 24.6 37.0#

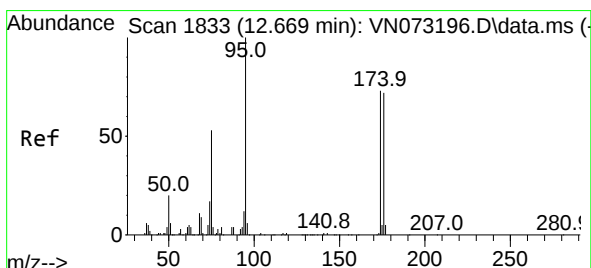
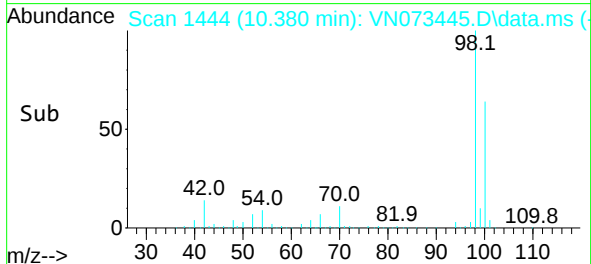
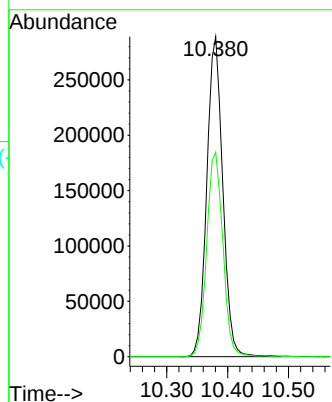
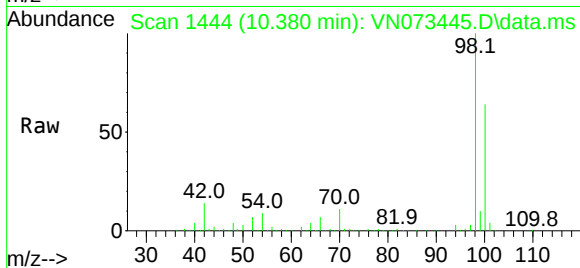




#50
Toluene-d8
Concen: 45.433 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

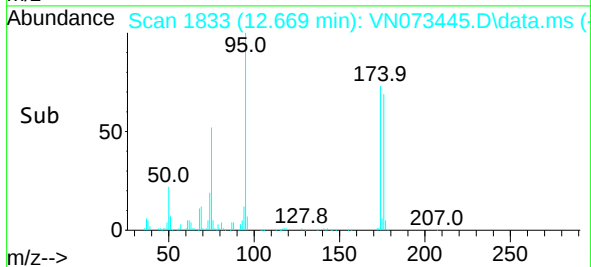
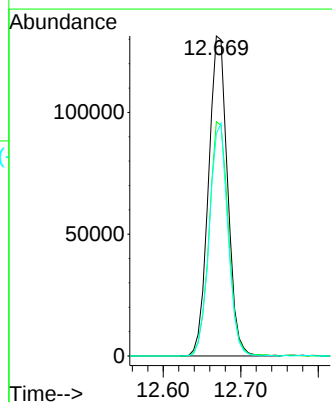
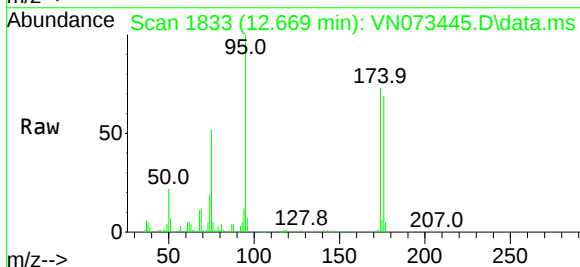
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBL01

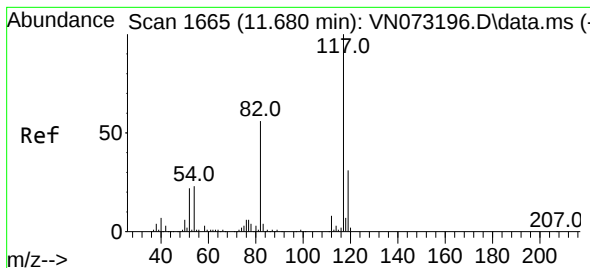
Tgt Ion: 98 Resp: 525790
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.451 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

Tgt Ion: 95 Resp: 224377
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 70.7 0.0 163.4

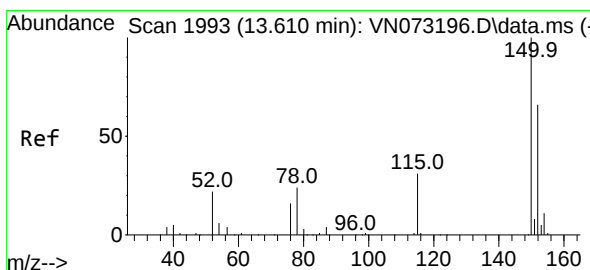
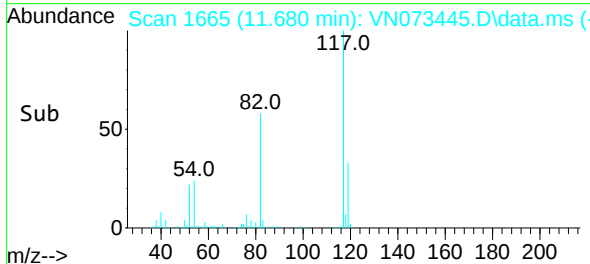
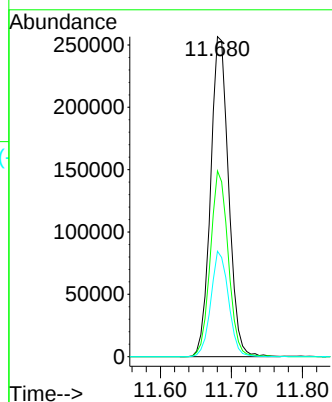
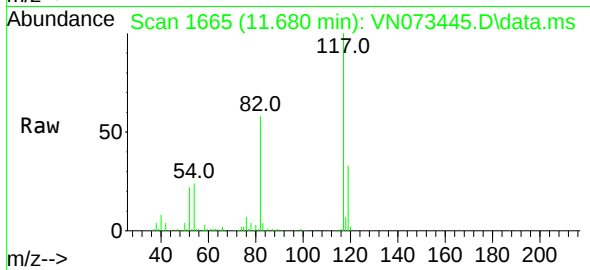




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

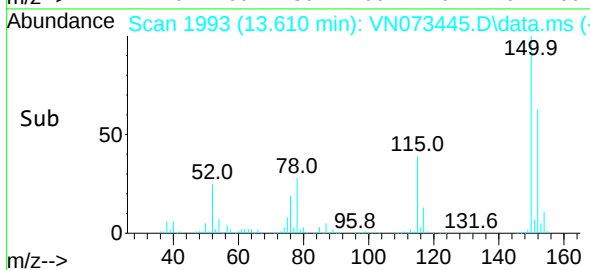
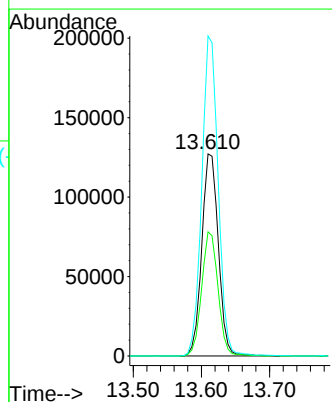
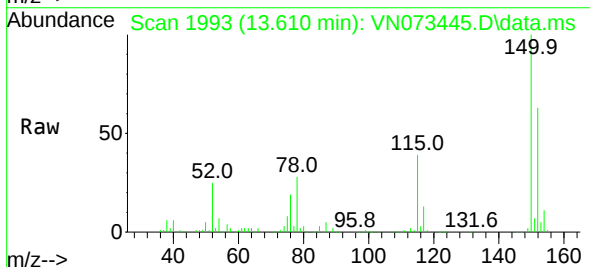
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBL01

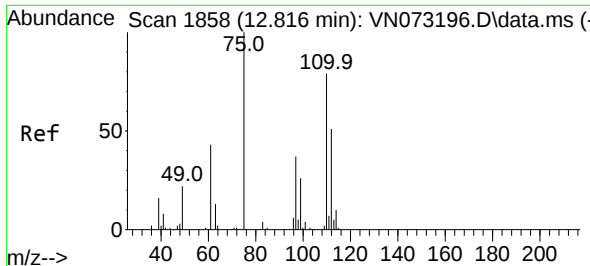
Tgt Ion:117 Resp: 452430
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

Tgt Ion:152 Resp: 214895
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 156.6 0.0 356.2

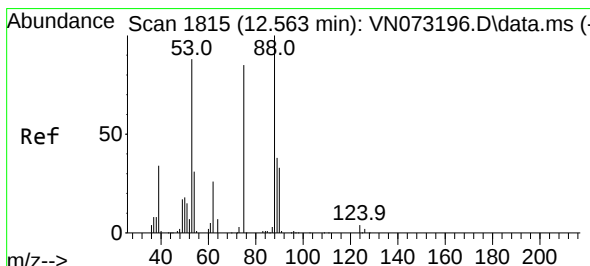
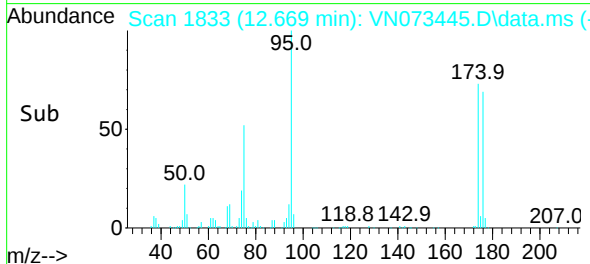
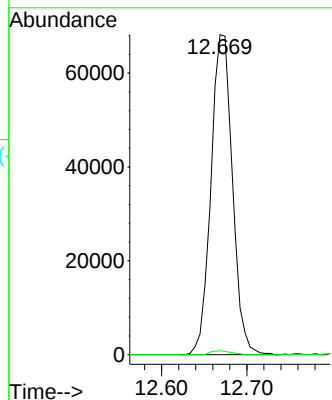
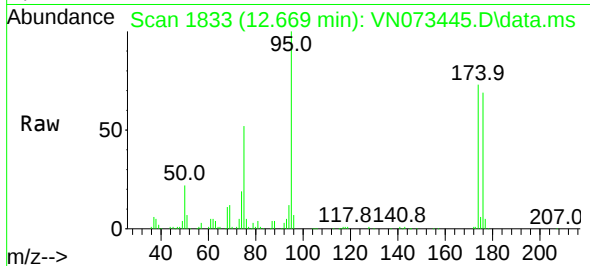




#76
1,2,3-Trichloropropane
Concen: 21.258 ug/l
RT: 12.669 min Scan# 1858
Delta R.T. -0.147 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

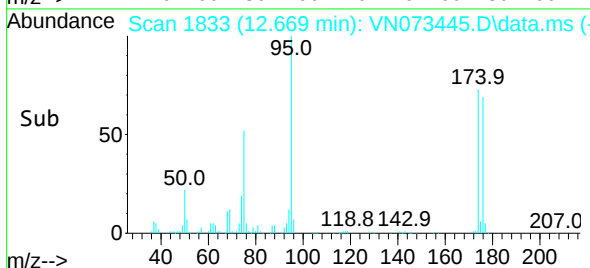
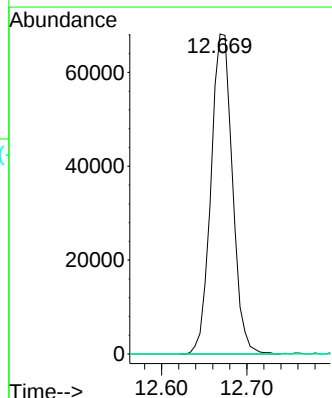
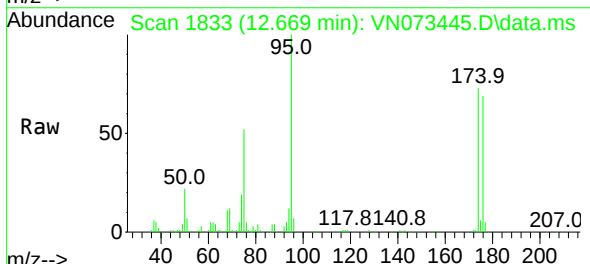
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBL01

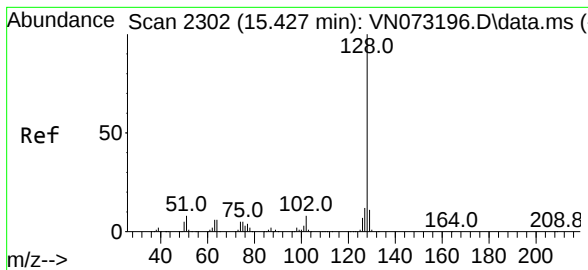
Tgt Ion: 75 Resp: 119452
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.300 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

Tgt Ion: 75 Resp: 119452
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.204 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN073445.D
Acq: 13 Jul 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBL01

Tgt Ion:128	Resp:	3383
Ion	Ratio	Lower Upper
128	100	
127	2.2	10.3 15.5#
129	8.2	8.6 13.0#

