

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050522\
 Data File : VN072344.D
 Acq On : 05 May 2022 16:58
 Operator : JC\MD
 Sample : N2705-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N48967

Quant Time: May 06 01:36:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	243677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	461080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	498313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	195072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	184555	49.333	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.660%
35) Dibromofluoromethane	8.016	113	142710	48.357	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.720%
50) Toluene-d8	10.439	98	582116	50.198	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.400%
62) 4-Bromofluorobenzene	12.727	95	227152	59.015	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	118.040%

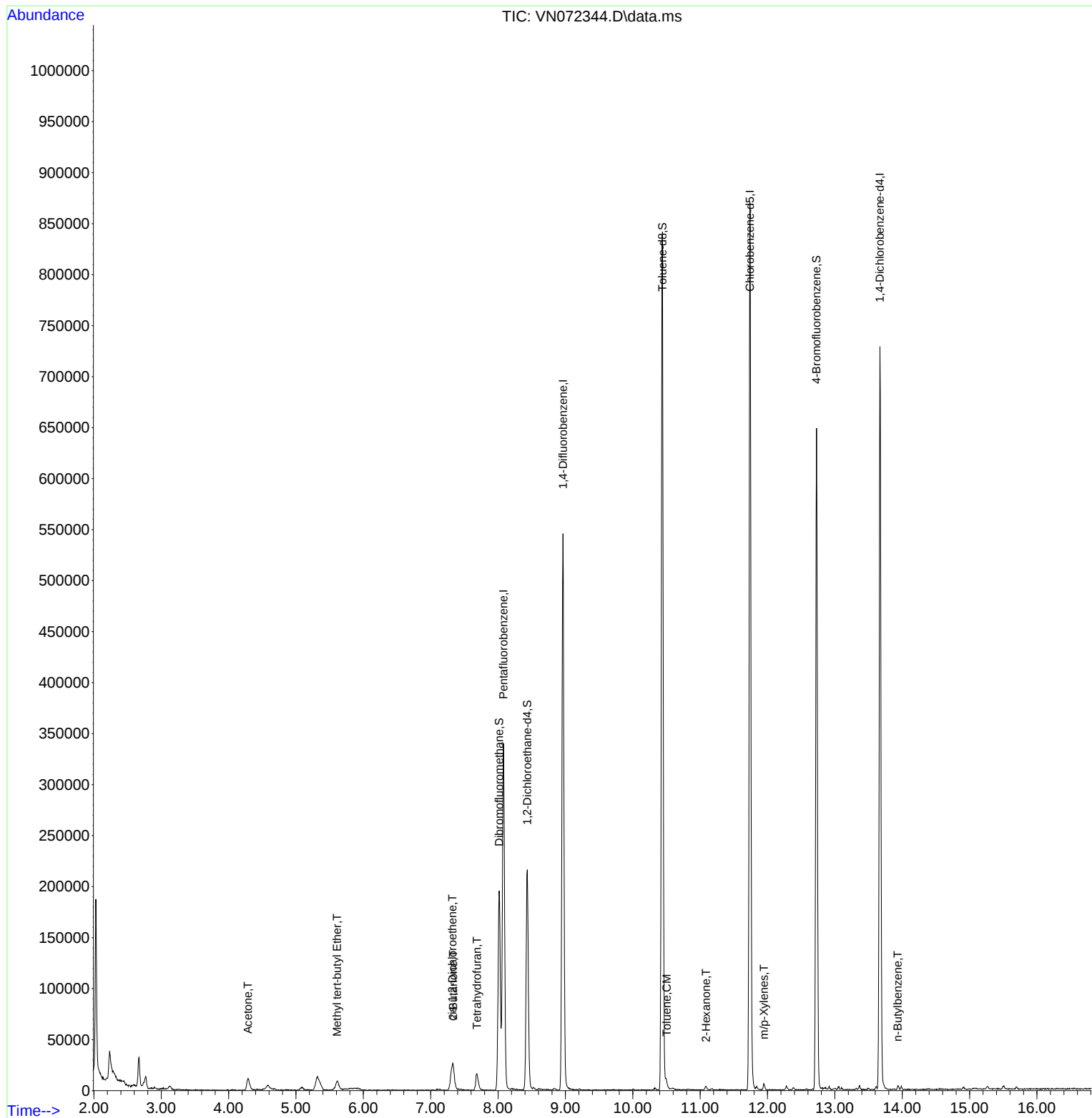
Target Compounds					Qvalue	
16) Acetone	4.287	43	22486	13.941	ug/l	# 88
19) Methyl tert-butyl Ether	5.610	73	11694	1.282	ug/l	94
25) 2-Butanone	7.334	43	32999	12.847	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	1946	0.622	ug/l	82
29) Tetrahydrofuran	7.686	42	13411	7.956	ug/l	90
52) Toluene	10.504	92	2606	0.327	ug/l	78
59) 2-Hexanone	11.086	43	3249	0.857	ug/l	81
68) m/p-Xylenes	11.945	106	2029	0.311	ug/l	97
89) n-Butylbenzene	13.933	91	2697	0.275	ug/l	94

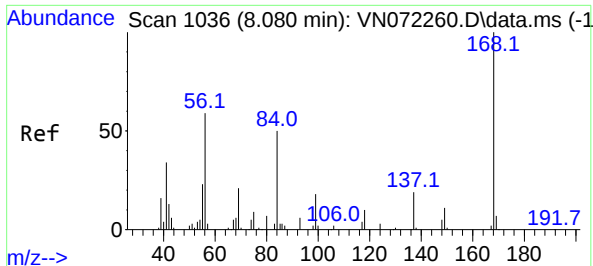
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050522\
Data File : VN072344.D
Acq On : 05 May 2022 16:58
Operator : JC\MD
Sample : N2705-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
N48967

Quant Time: May 06 01:36:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

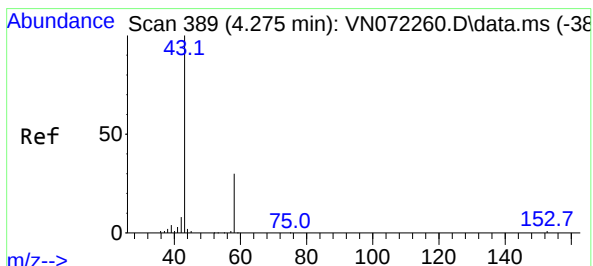
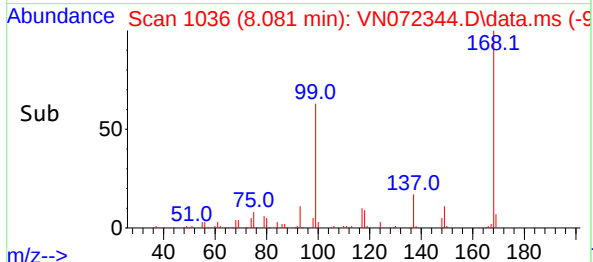
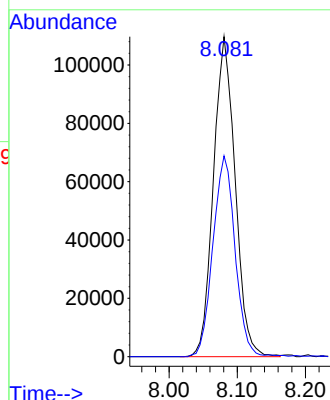
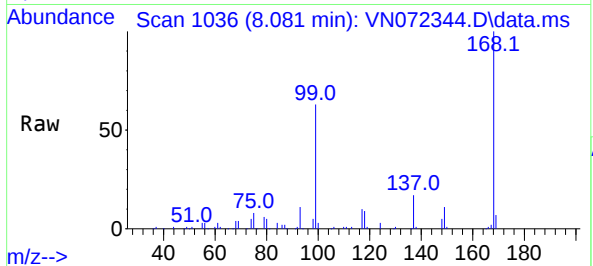




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

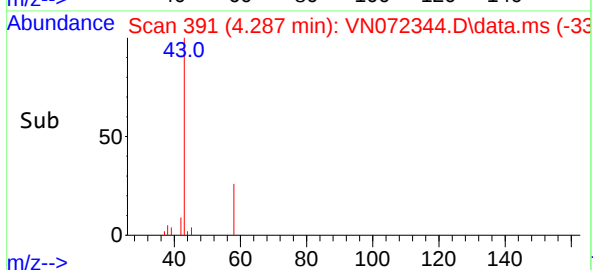
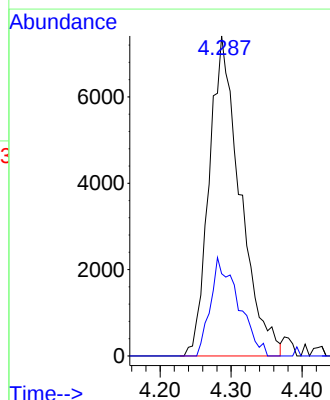
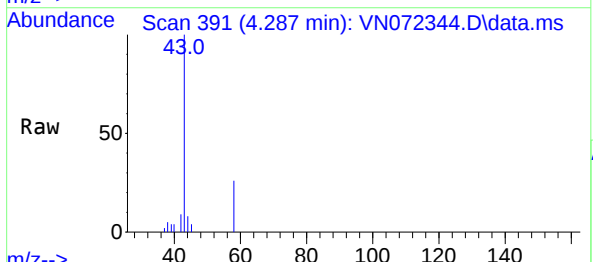
Instrument :
MSVOA_N
ClientSampleId :
N48967

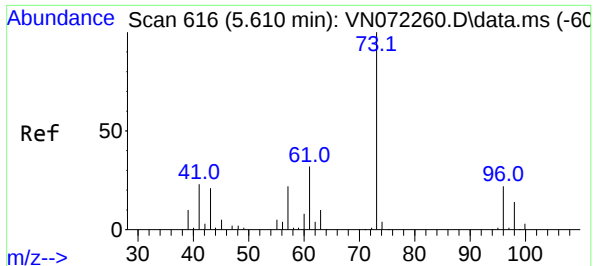
Tgt Ion:168 Resp: 243677
Ion Ratio Lower Upper
168 100
99 62.8 42.3 63.5



#16
Acetone
Concen: 13.941 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

Tgt Ion: 43 Resp: 22486
Ion Ratio Lower Upper
43 100
58 25.7 26.0 39.0#





#19

Methyl tert-butyl Ether

Concen: 1.282 ug/l

RT: 5.610 min Scan# 616

Delta R.T. 0.000 min

Lab File: VN072344.D

Acq: 05 May 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

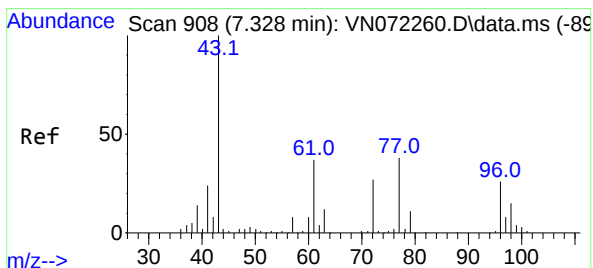
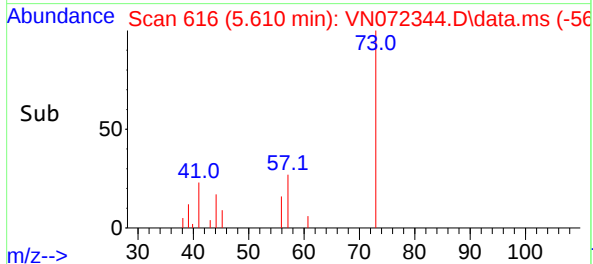
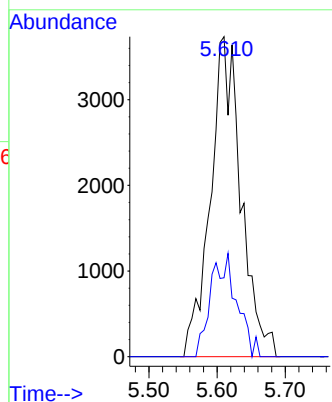
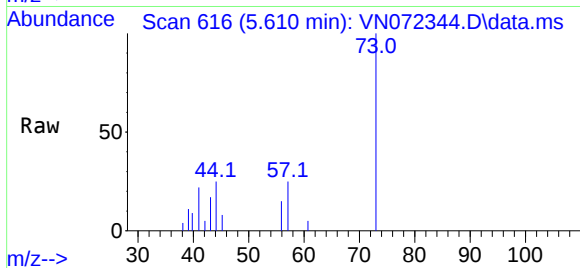
N48967

Tgt Ion: 73 Resp: 11694

Ion Ratio Lower Upper

73 100

57 24.7 17.6 26.4



#25

2-Butanone

Concen: 12.847 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN072344.D

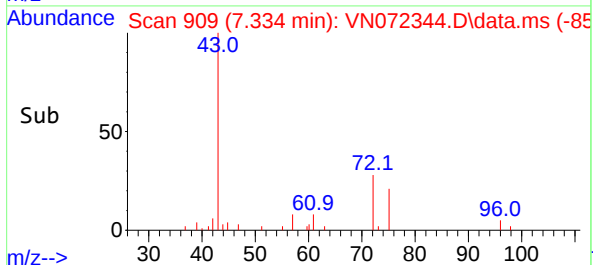
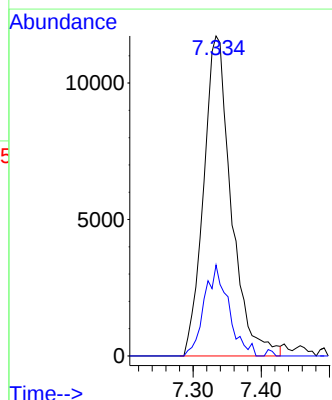
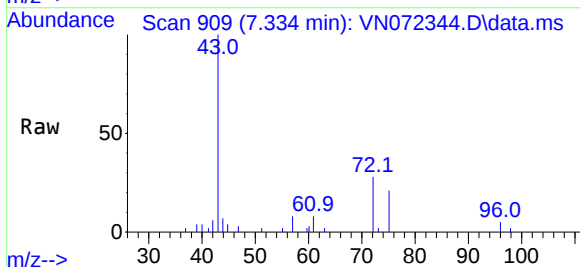
Acq: 05 May 2022 16:58

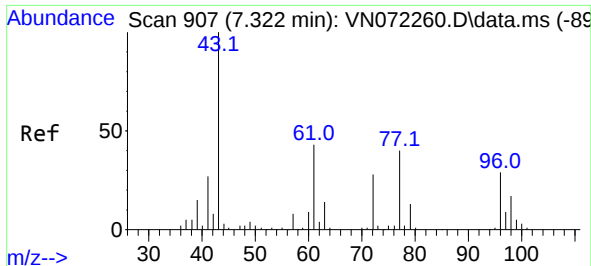
Tgt Ion: 43 Resp: 32999

Ion Ratio Lower Upper

43 100

72 28.4 23.7 35.5

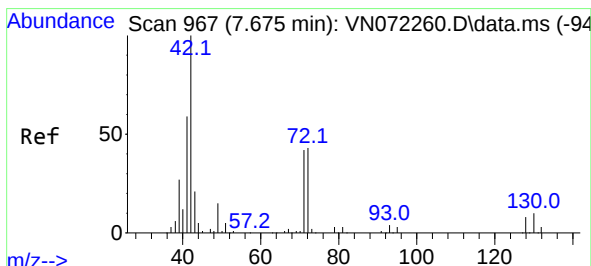
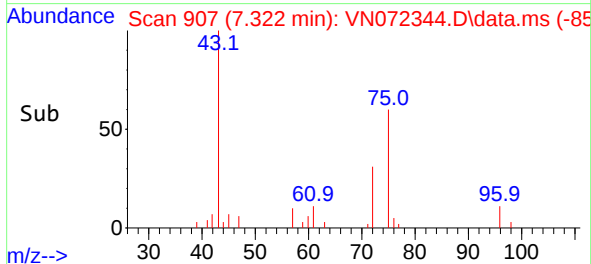
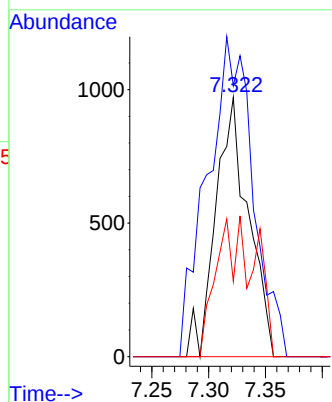
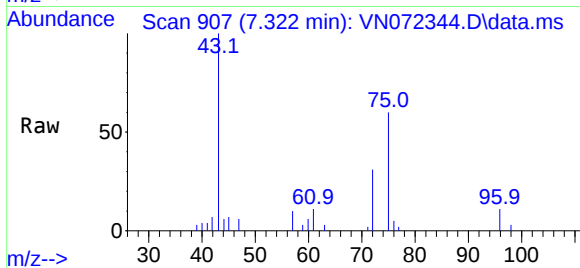




#27
cis-1,2-Dichloroethene
Concen: 0.622 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

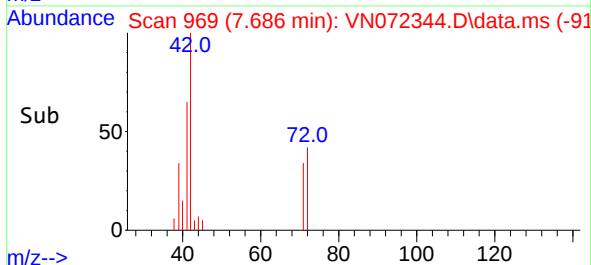
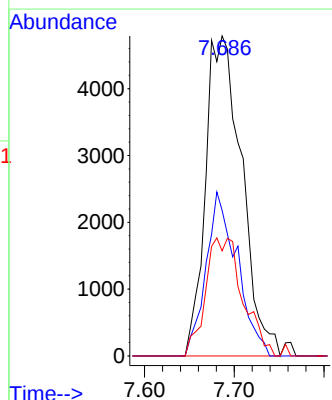
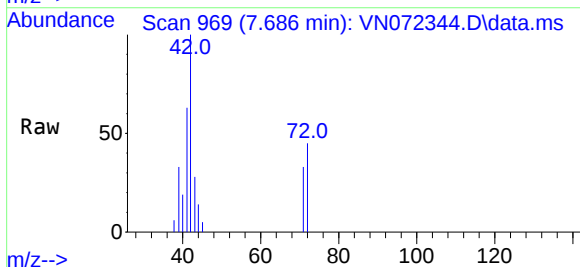
Instrument :
MSVOA_N
ClientSampleId :
N48967

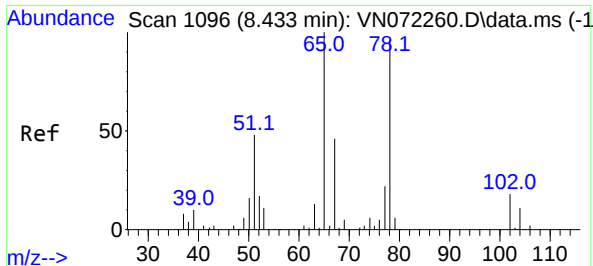
Tgt Ion:	96	Resp:	1946
Ion	Ratio	Lower	Upper
96	100		
61	172.1	0.0	280.6
98	63.5	0.0	128.4



#29
Tetrahydrofuran
Concen: 7.956 ug/l
RT: 7.686 min Scan# 969
Delta R.T. 0.005 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

Tgt Ion:	42	Resp:	13411
Ion	Ratio	Lower	Upper
42	100		
72	44.0	39.7	59.5
71	38.0	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 49.333 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072344.D

Acq: 05 May 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

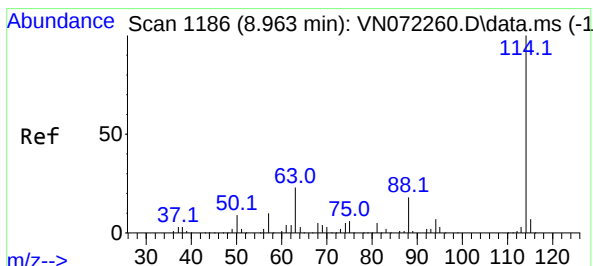
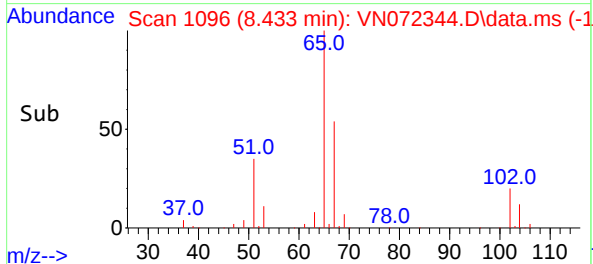
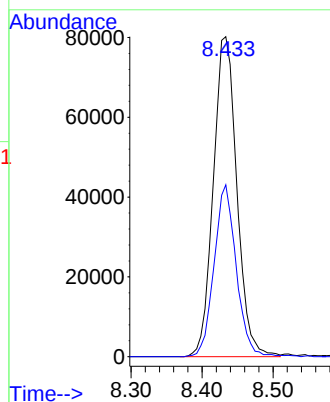
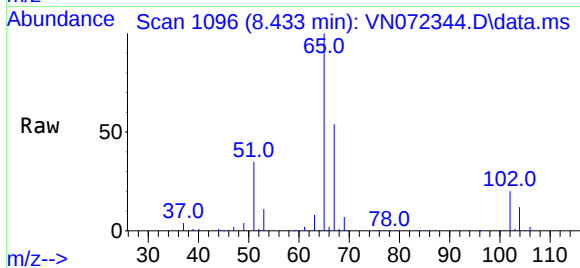
N48967

Tgt Ion: 65 Resp: 184555

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072344.D

Acq: 05 May 2022 16:58

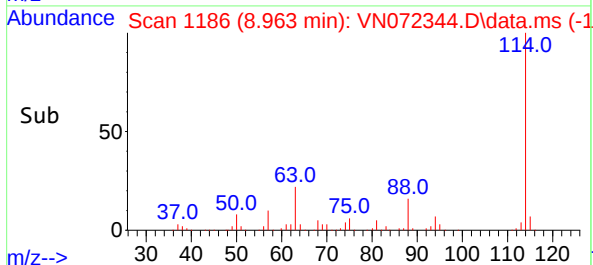
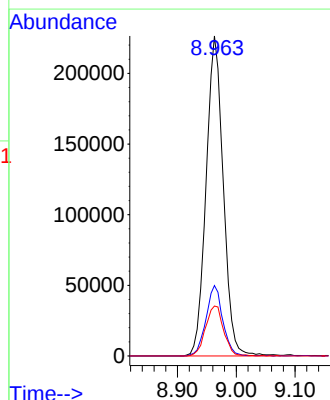
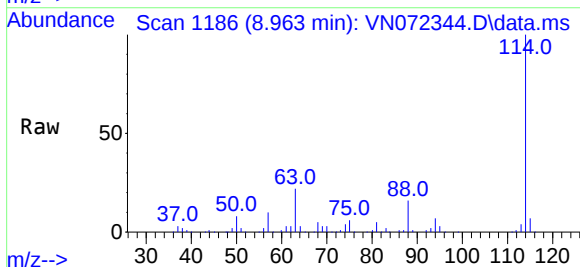
Tgt Ion: 114 Resp: 461080

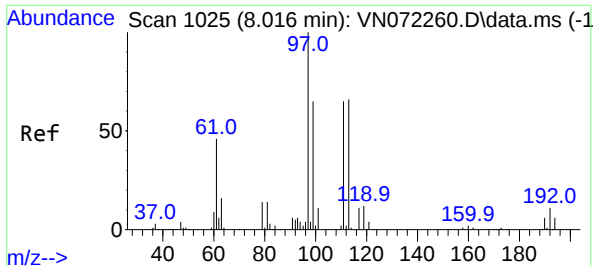
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

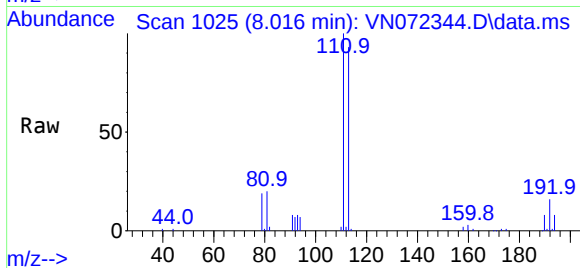
88 15.6 0.0 32.6



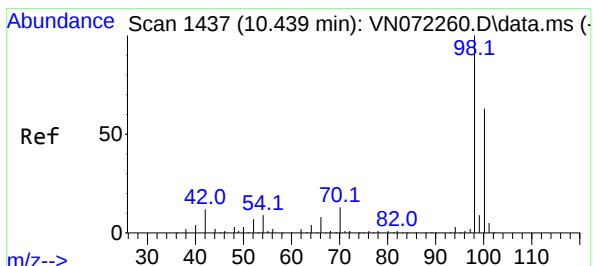
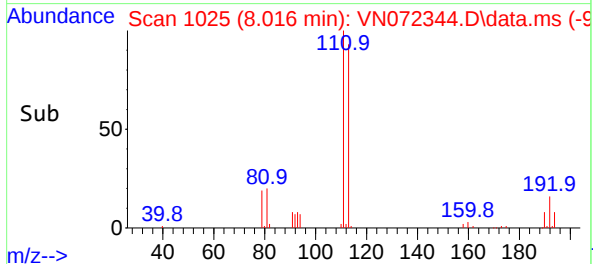
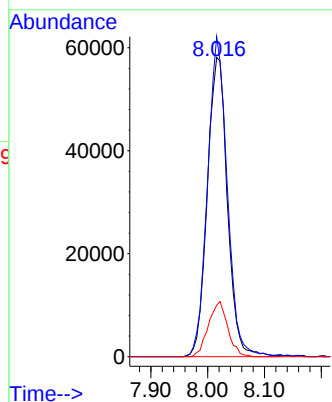


#35
Dibromofluoromethane
Concen: 48.357 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

Instrument :
MSVOA_N
ClientSampleId :
N48967

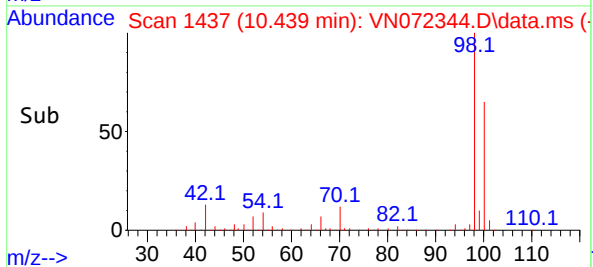
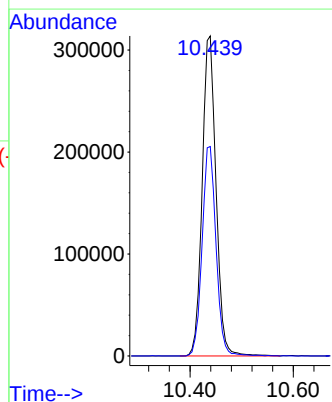
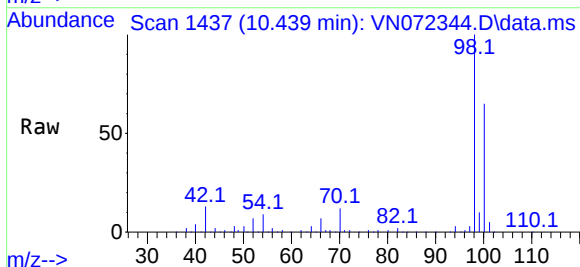


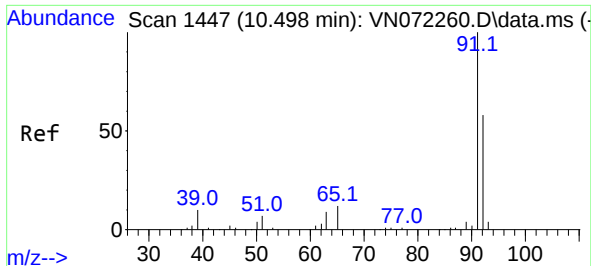
Tgt Ion:113 Resp: 142710
Ion Ratio Lower Upper
113 100
111 104.7 81.4 122.0
192 17.7 17.0 25.6



#50
Toluene-d8
Concen: 50.198 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

Tgt Ion: 98 Resp: 582116
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

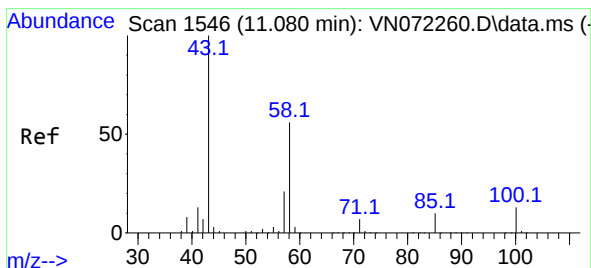
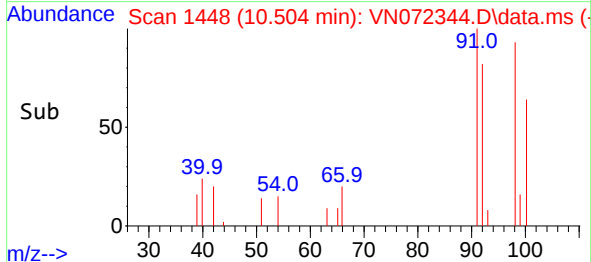
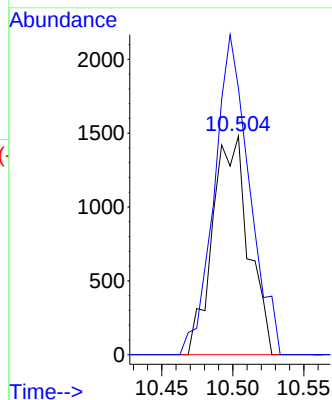
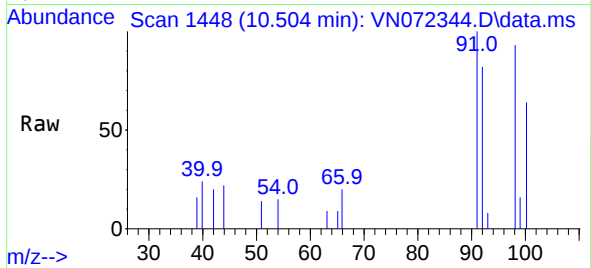




#52
Toluene
Concen: 0.327 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

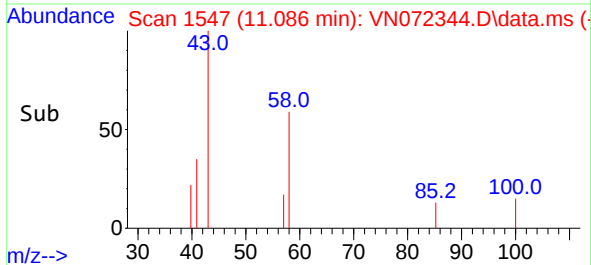
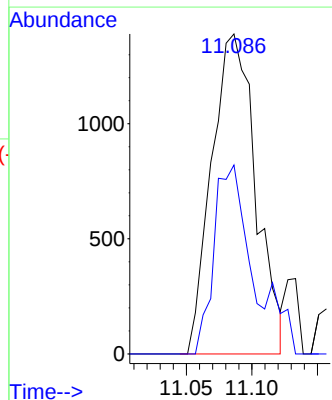
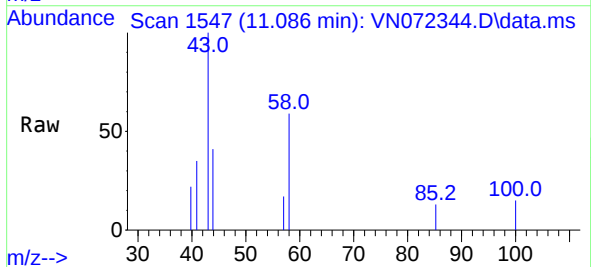
Instrument :
MSVOA_N
ClientSampleId :
N48967

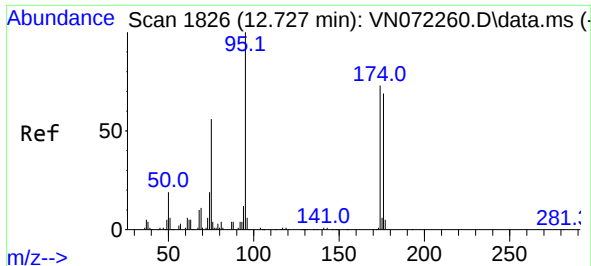
Tgt Ion: 92 Resp: 2606
Ion Ratio Lower Upper
92 100
91 142.7 138.6 207.8



#59
2-Hexanone
Concen: 0.857 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

Tgt Ion: 43 Resp: 3249
Ion Ratio Lower Upper
43 100
58 45.3 29.7 89.1

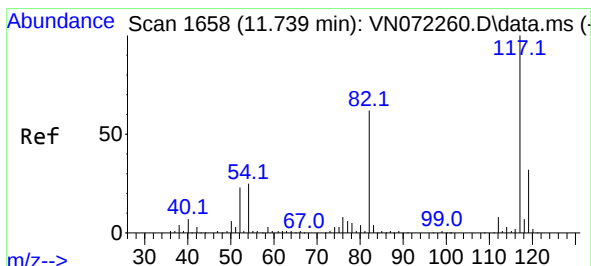
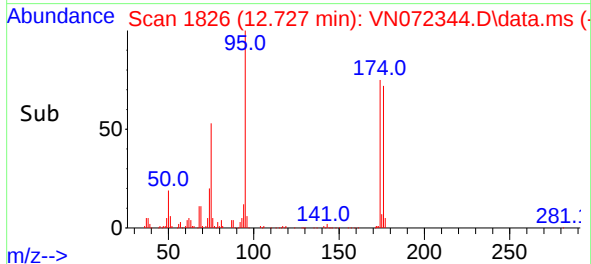
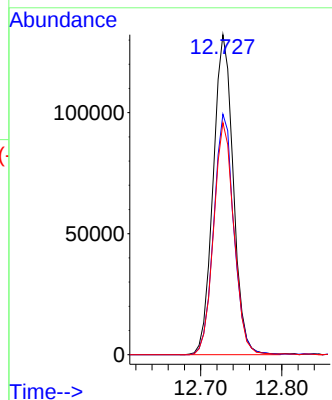
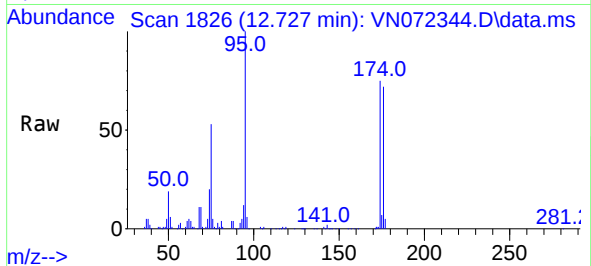




#62
4-Bromofluorobenzene
Concen: 59.015 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

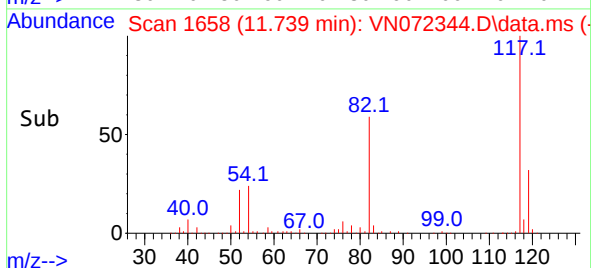
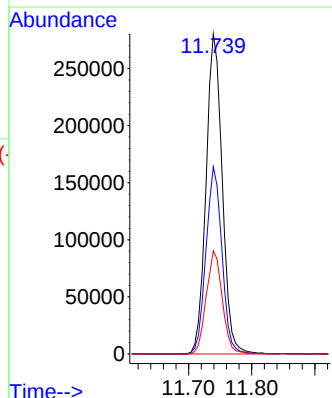
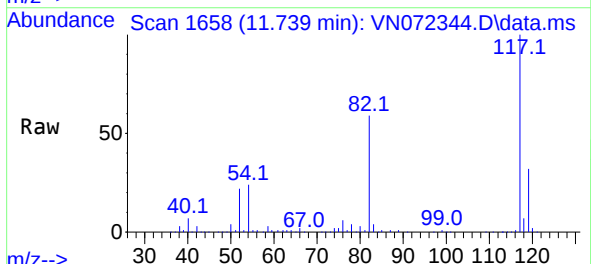
Instrument :
MSVOA_N
ClientSampleId :
N48967

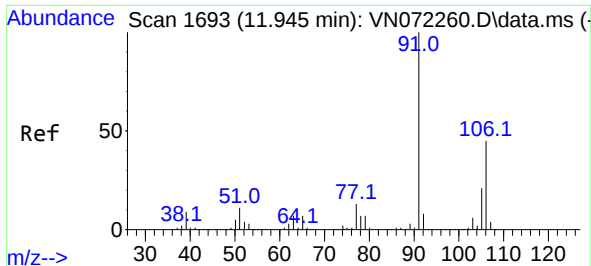
Tgt Ion: 95 Resp: 227152
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 73.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

Tgt Ion: 117 Resp: 498313
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 32.3 25.4 38.0

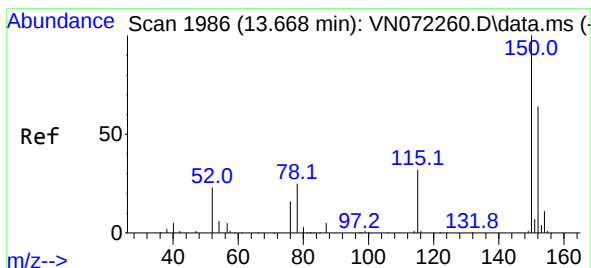
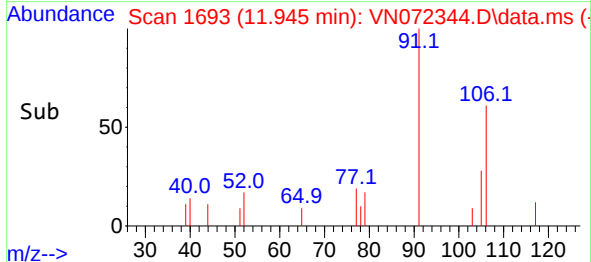
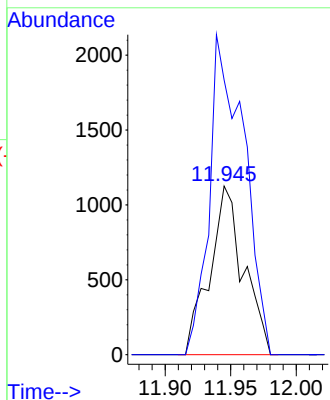
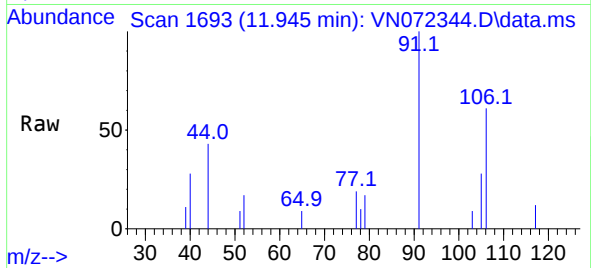




#68
m/p-Xylenes
Concen: 0.311 ug/l
RT: 11.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

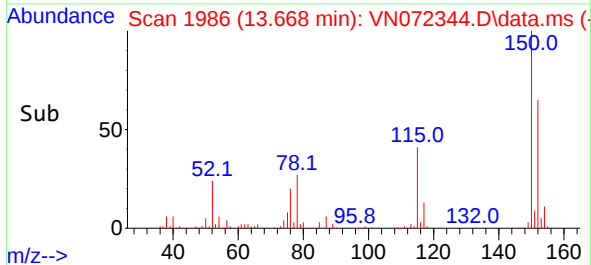
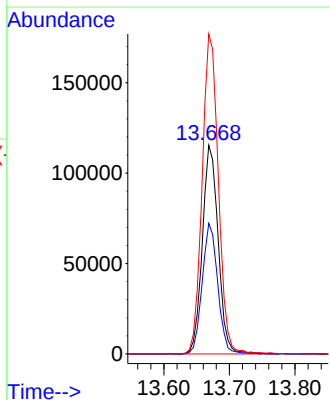
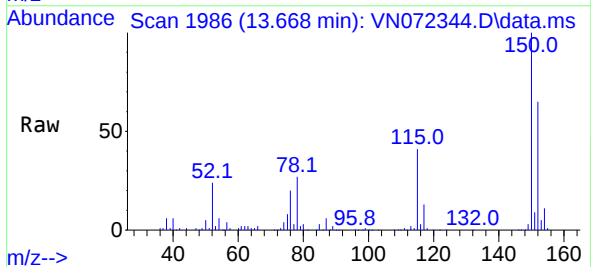
Instrument :
MSVOA_N
ClientSampleId :
N48967

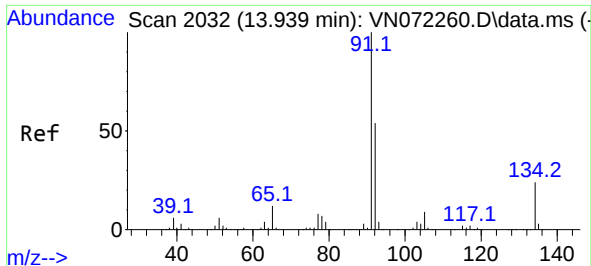
Tgt Ion:106 Resp: 2029
Ion Ratio Lower Upper
106 100
91 194.0 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072344.D
Acq: 05 May 2022 16:58

Tgt Ion:152 Resp: 195072
Ion Ratio Lower Upper
152 100
115 61.3 28.9 86.7
150 156.8 0.0 356.2





#89

n-Butylbenzene

Concen: 0.275 ug/l

RT: 13.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN072344.D

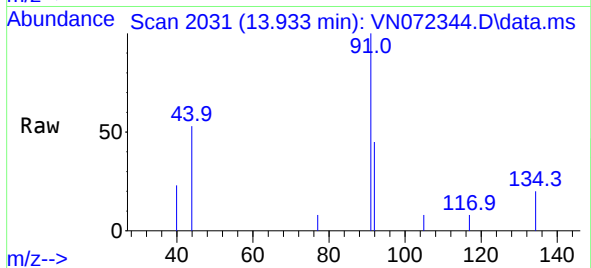
Acq: 05 May 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

N48967



Tgt Ion: 91 Resp: 2697

Ion Ratio Lower Upper

91 100

92 52.0 26.9 80.7

134 19.9 13.6 40.8

