

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073262.D
 Acq On : 30 Jun 2022 13:46
 Operator : JC\MD
 Sample : N3409-15DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP061722DL

Quant Time: Jul 01 08:07:10 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)

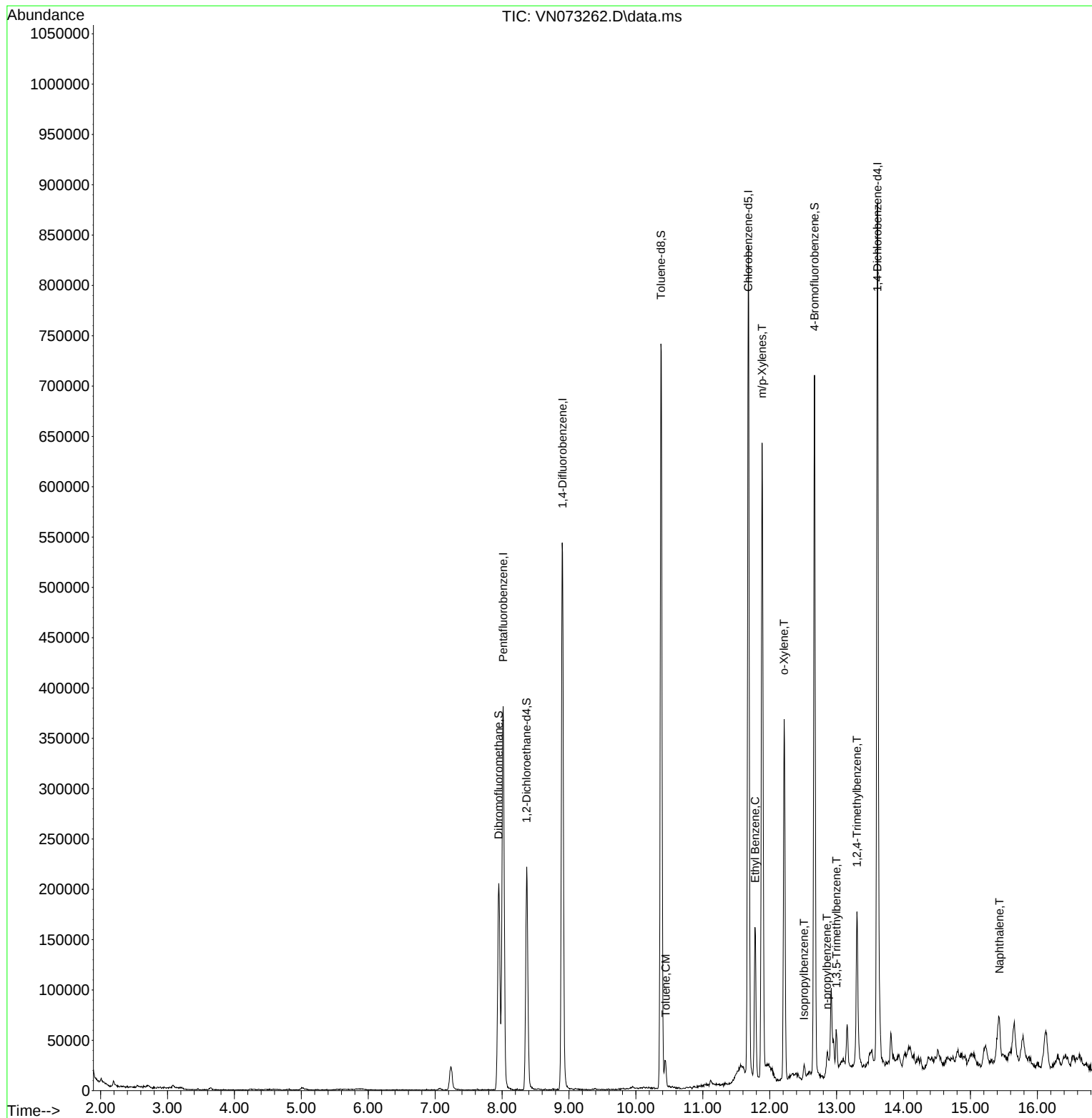
Internal Standards						
1) Pentafluorobenzene	8.016	168	291681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	485757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	464797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	227314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	184090	43.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.440%
35) Dibromofluoromethane	7.951	113	152612	47.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	10.374	98	515432	44.905	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.800%
62) 4-Bromofluorobenzene	12.668	95	237885	53.929	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.860%
Target Compounds						
					Qvalue	
52) Toluene	10.445	92	10486	1.106	ug/l	92
67) Ethyl Benzene	11.780	91	110222	5.776	ug/l	99
68) m/p-Xylenes	11.886	106	198462	27.555	ug/l	96
69) o-Xylene	12.216	106	98959	13.459	ug/l	98
73) Isopropylbenzene	12.515	105	8767	0.447	ug/l	97
78) n-propylbenzene	12.857	91	13878	0.636	ug/l	93
80) 1,3,5-Trimethylbenzene	12.998	105	20075	1.255	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	75244	4.710	ug/l	99
95) Naphthalene	15.433	128	26207	1.496	ug/l #	78

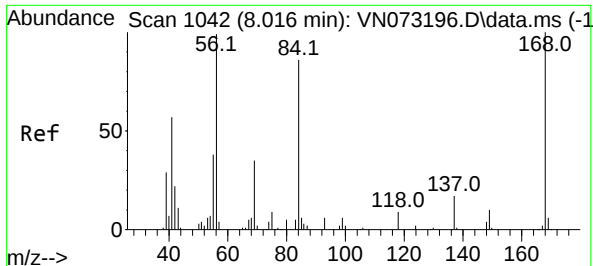
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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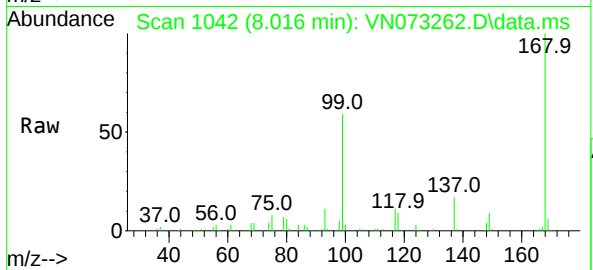
Quant Time: Jul 01 08:07:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration



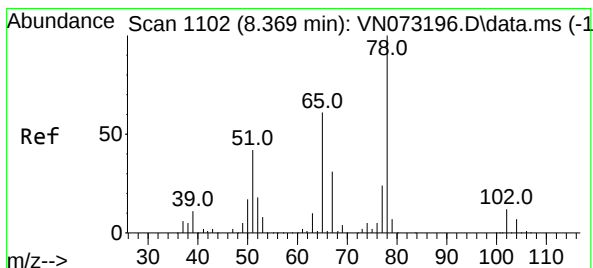
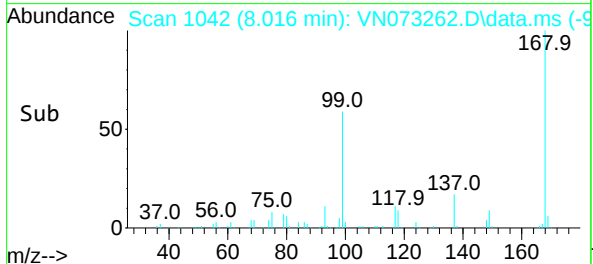
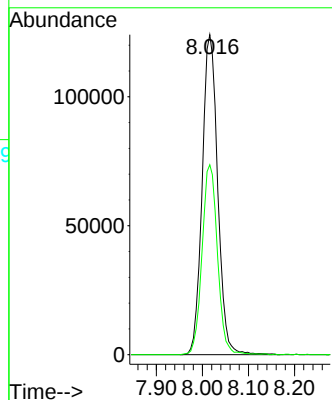


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073262.D
Acq: 30 Jun 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :
DUP061722DL

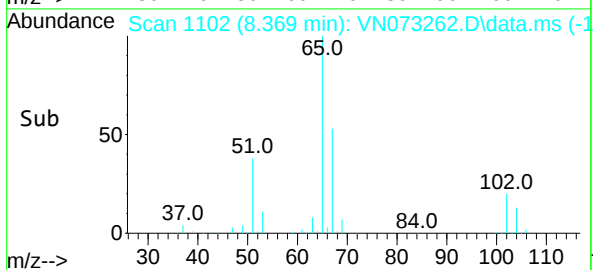
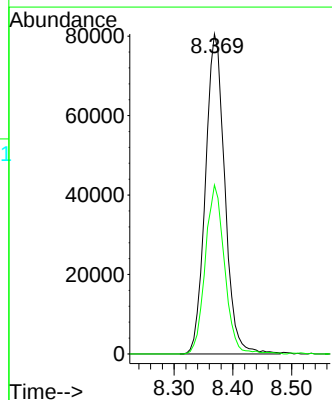
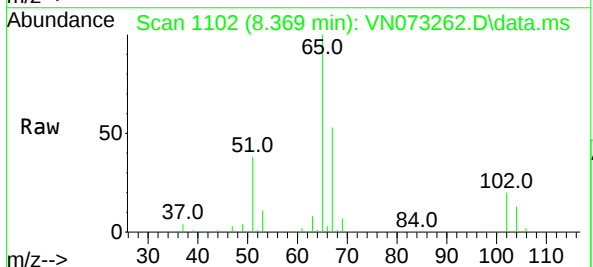


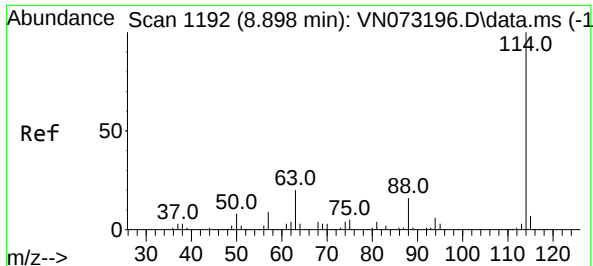
Tgt Ion:168 Resp: 291681
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.719 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073262.D
Acq: 30 Jun 2022 13:46

Tgt Ion: 65 Resp: 184090
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073262.D

Acq: 30 Jun 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

DUP061722DL

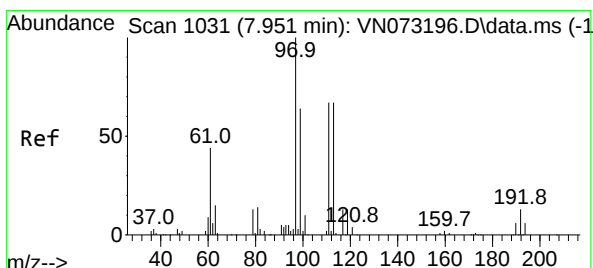
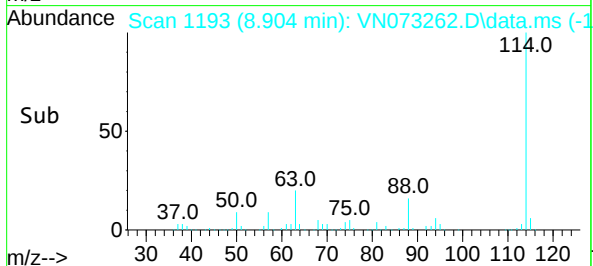
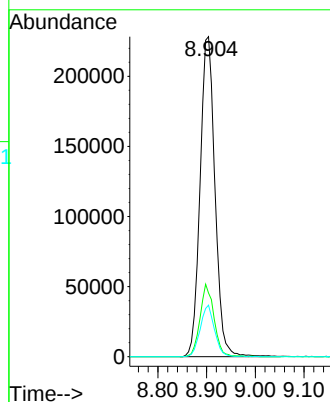
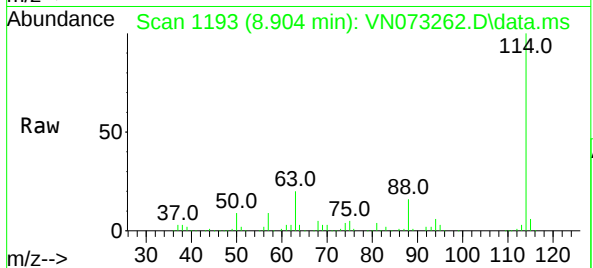
Tgt Ion:114 Resp: 485757

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.222 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073262.D

Acq: 30 Jun 2022 13:46

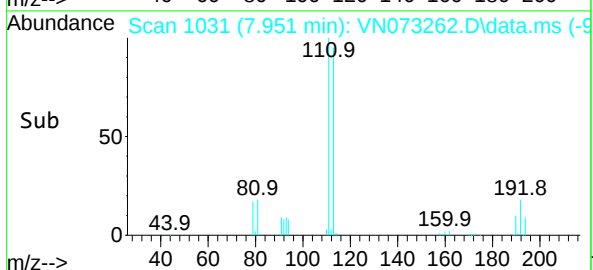
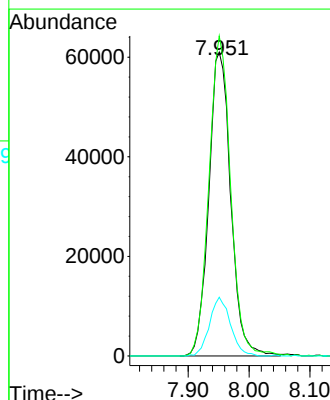
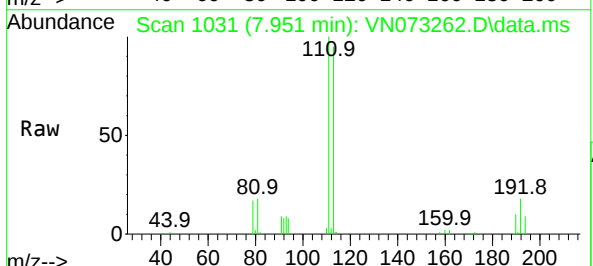
Tgt Ion:113 Resp: 152612

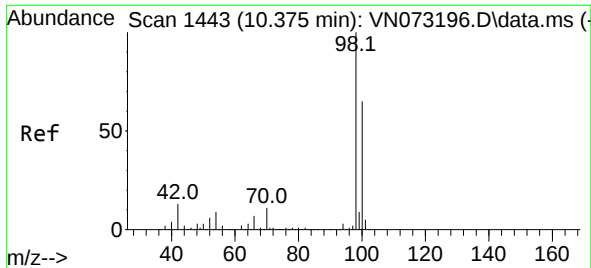
Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.0

192 18.5 17.0 25.6

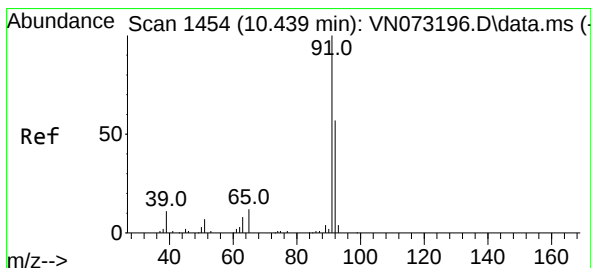
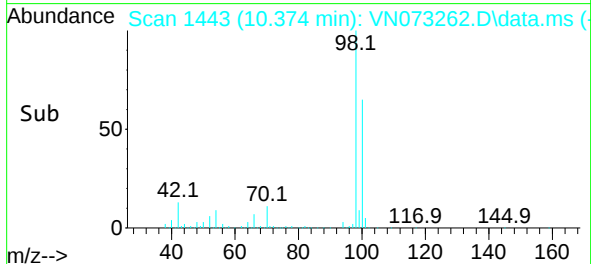
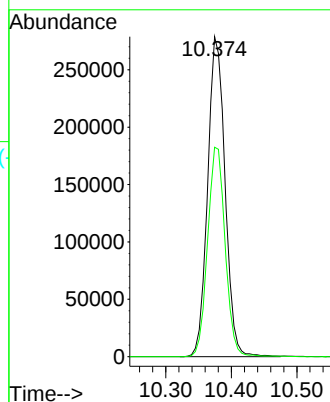
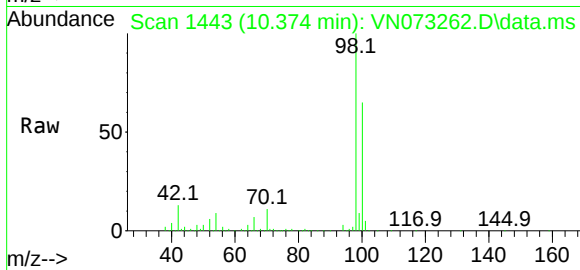




#50
Toluene-d8
Concen: 44.905 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073262.D
Acq: 30 Jun 2022 13:46

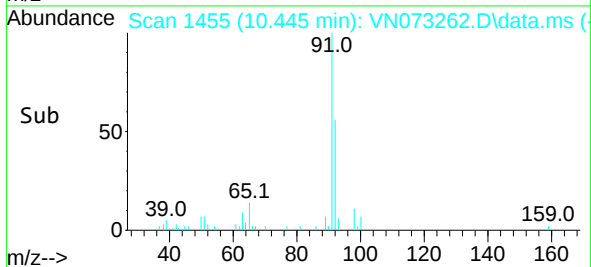
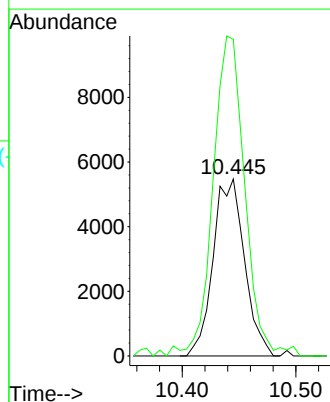
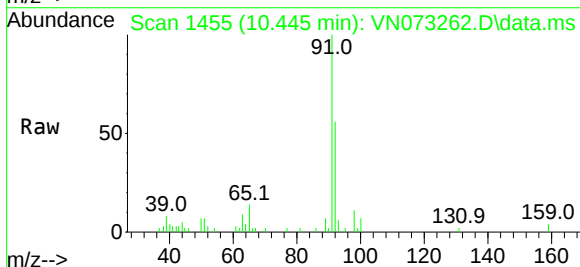
Instrument :
MSVOA_N
ClientSampleId :
DUP061722DL

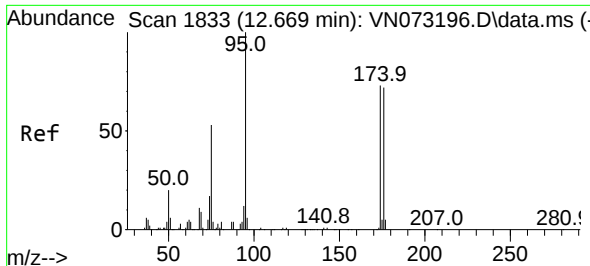
Tgt Ion: 98 Resp: 515432
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#52
Toluene
Concen: 1.106 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073262.D
Acq: 30 Jun 2022 13:46

Tgt Ion: 92 Resp: 10486
Ion Ratio Lower Upper
92 100
91 184.1 138.6 207.8

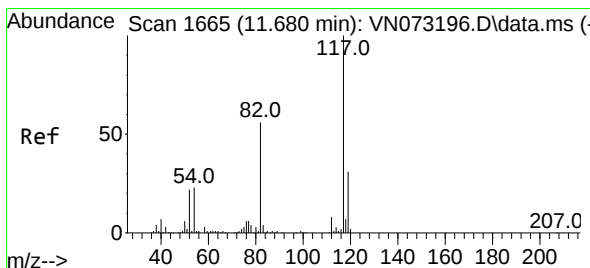
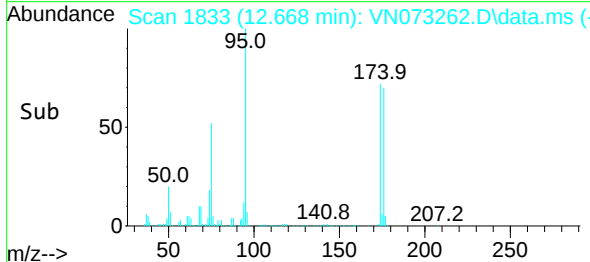
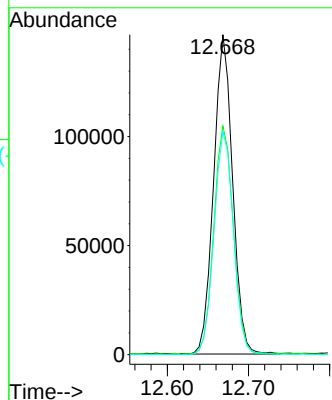
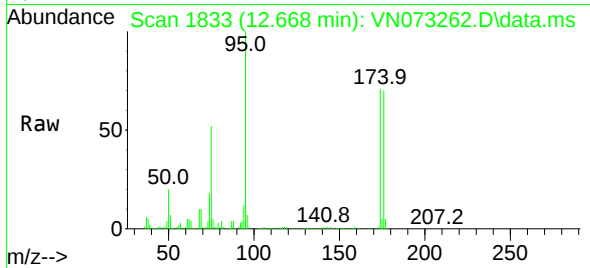




#62
4-Bromofluorobenzene
Concen: 53.929 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073262.D
Acq: 30 Jun 2022 13:46

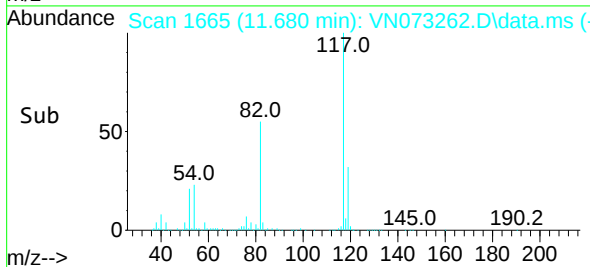
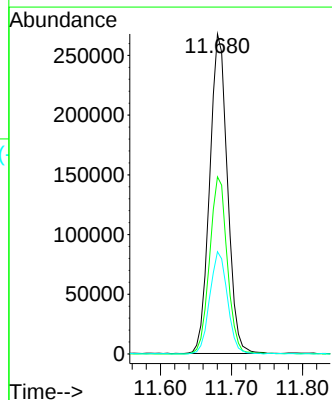
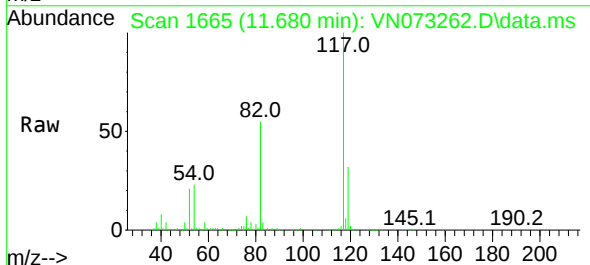
Instrument :
MSVOA_N
ClientSampleId :
DUP061722DL

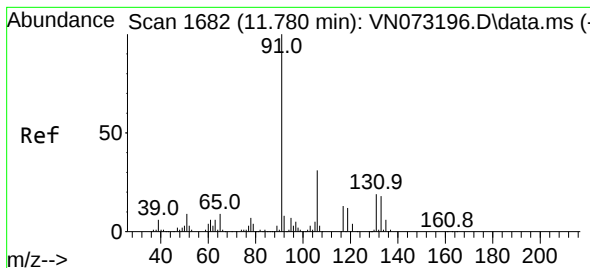
Tgt Ion: 95 Resp: 237885
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 72.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073262.D
Acq: 30 Jun 2022 13:46

Tgt Ion: 117 Resp: 464797
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 31.9 25.4 38.0





#67

Ethyl Benzene

Concen: 5.776 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073262.D

Acq: 30 Jun 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

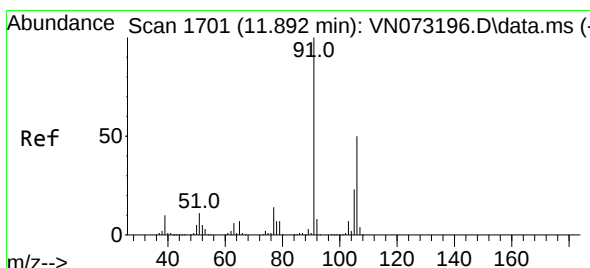
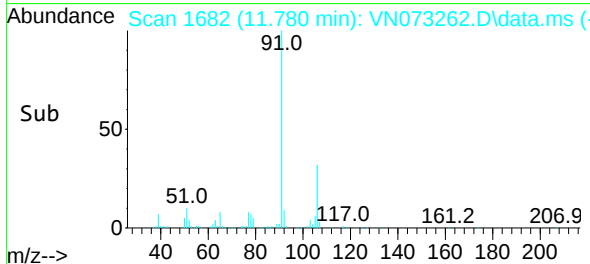
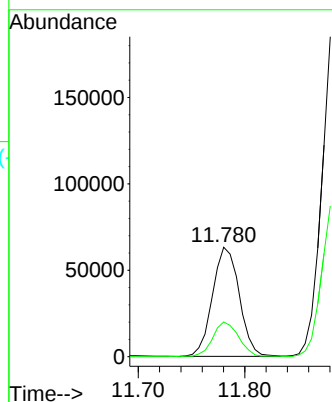
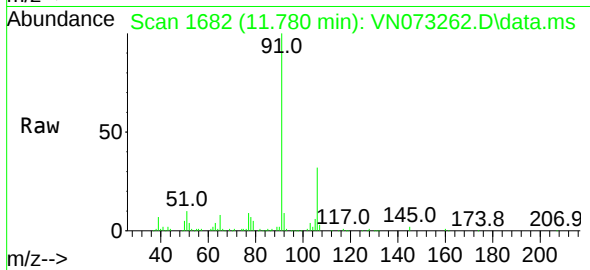
DUP061722DL

Tgt Ion: 91 Resp: 110222

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 27.555 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VN073262.D

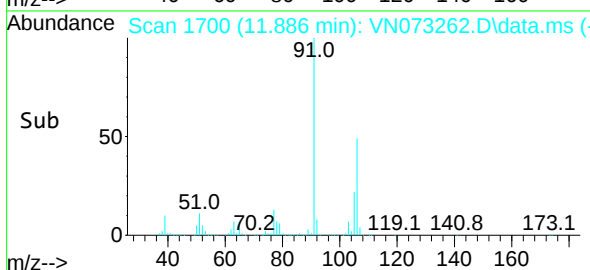
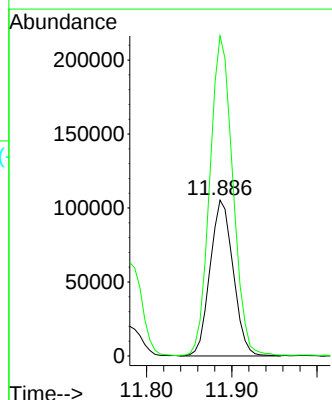
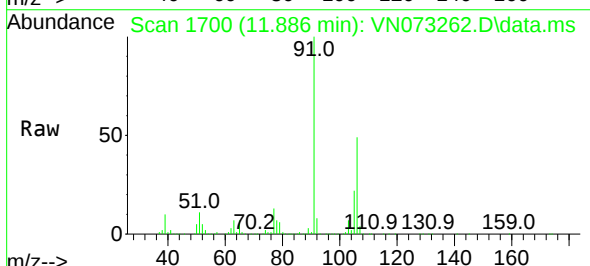
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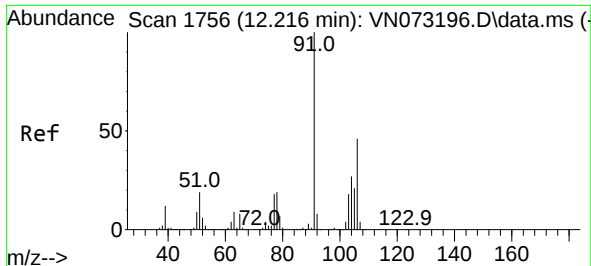
Tgt Ion:106 Resp: 198462

Ion Ratio Lower Upper

106 100

91 204.0 158.9 238.3

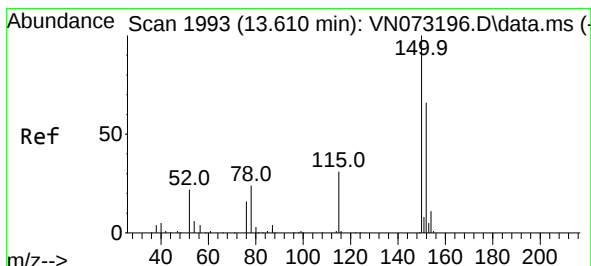
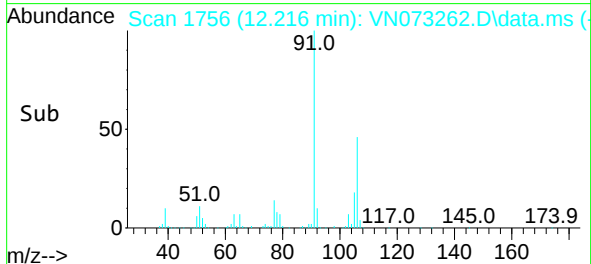
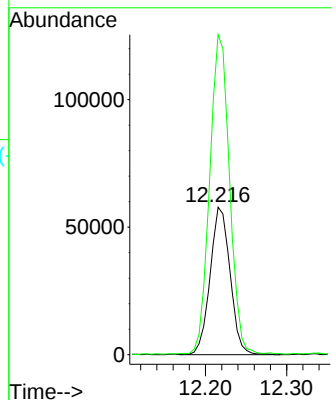
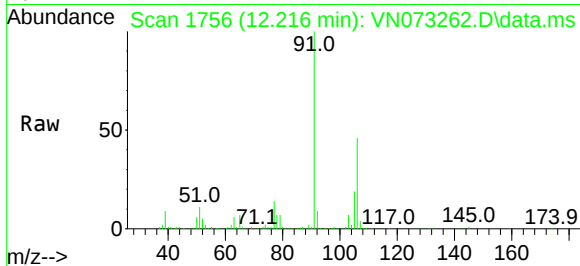




#69
o-Xylene
Concen: 13.459 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073262.D
Acq: 30 Jun 2022 13:46

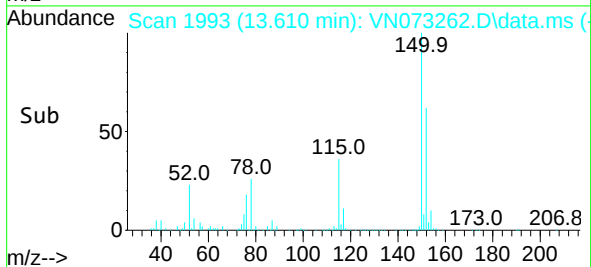
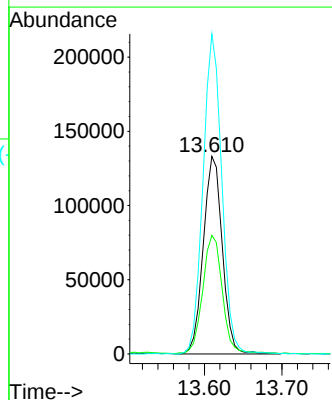
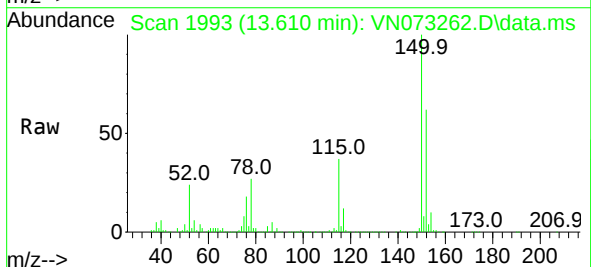
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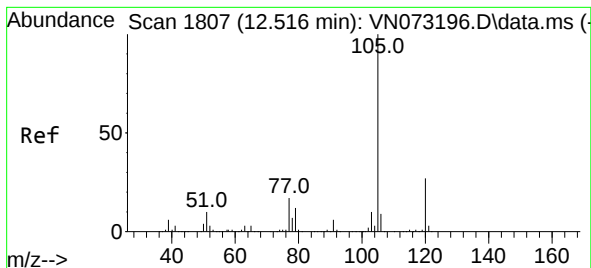
Tgt Ion:106 Resp: 98959
Ion Ratio Lower Upper
106 100
91 215.2 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073262.D
Acq: 30 Jun 2022 13:46

Tgt Ion:152 Resp: 227314
Ion Ratio Lower Upper
152 100
115 61.5 28.9 86.7
150 159.4 0.0 356.2





#73

Isopropylbenzene

Concen: 0.447 ug/l

RT: 12.515 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN073262.D

Acq: 30 Jun 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

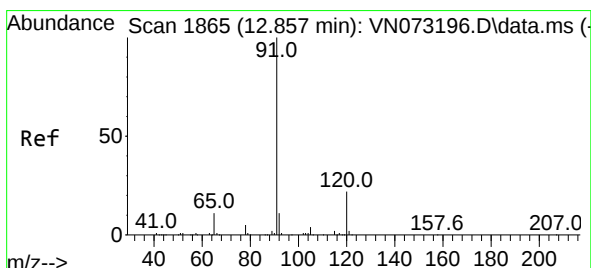
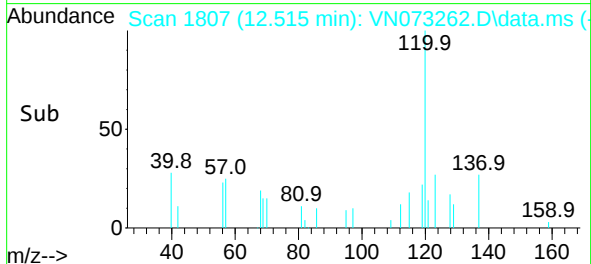
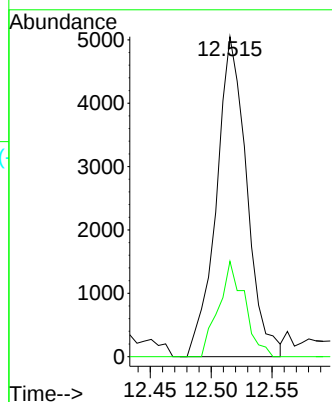
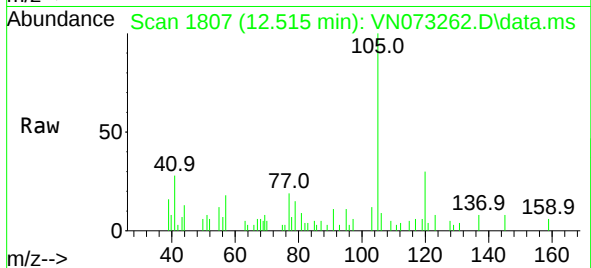
DUP061722DL

Tgt Ion:105 Resp: 8767

Ion Ratio Lower Upper

105 100

120 25.5 13.5 40.4



#78

n-propylbenzene

Concen: 0.636 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073262.D

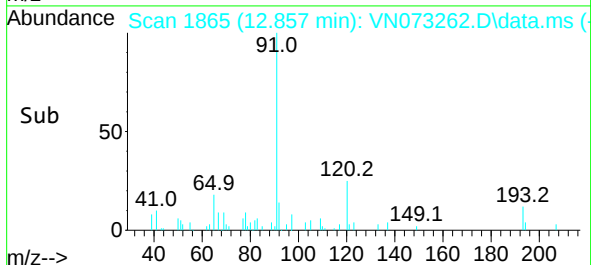
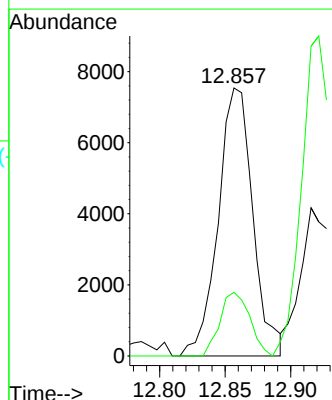
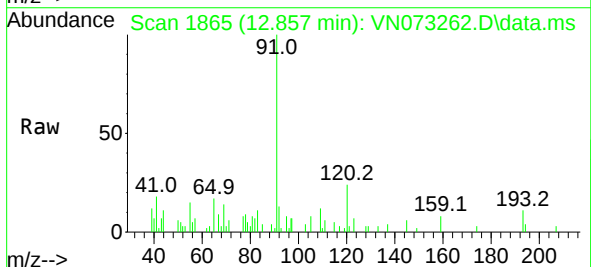
Acq: 30 Jun 2022 13:46

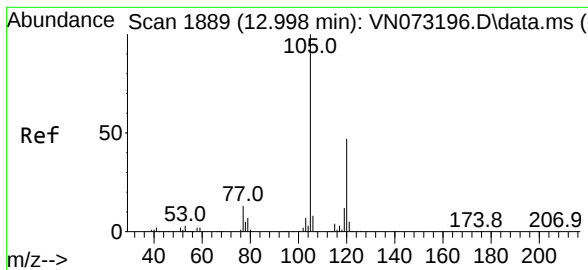
Tgt Ion: 91 Resp: 13878

Ion Ratio Lower Upper

91 100

120 20.4 11.9 35.5

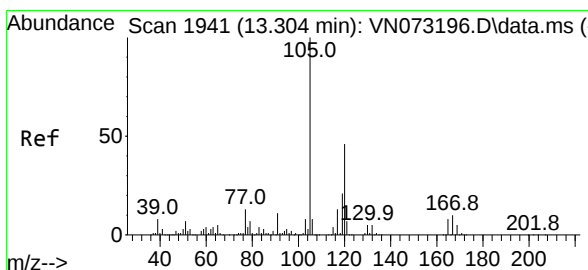
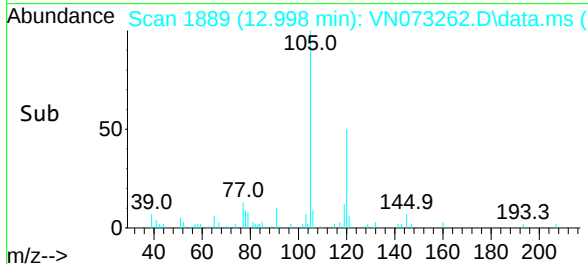
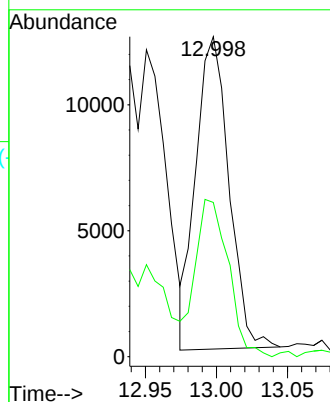
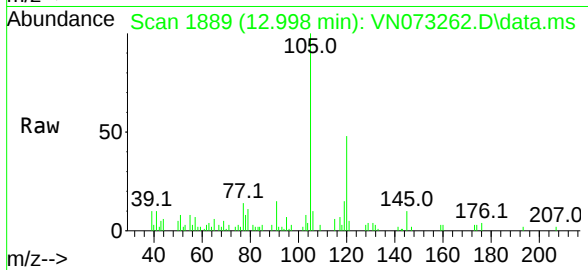




#80
 1,3,5-Trimethylbenzene
 Concen: 1.255 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. -0.000 min
 Lab File: VN073262.D
 Acq: 30 Jun 2022 13:46

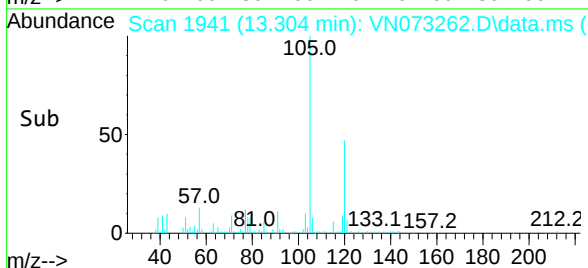
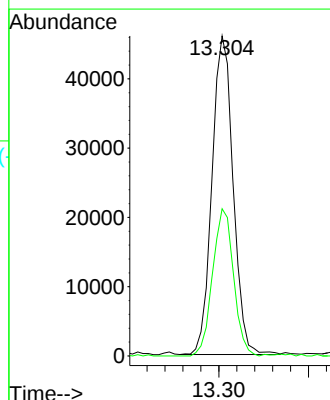
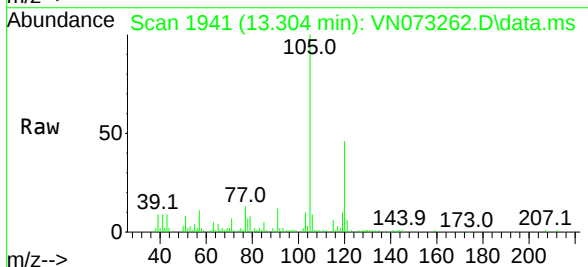
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP061722DL

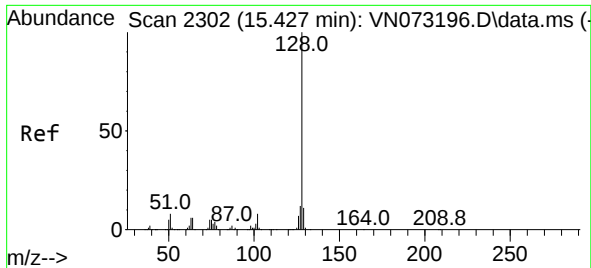
Tgt Ion:105 Resp: 20075
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 4.710 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VN073262.D
 Acq: 30 Jun 2022 13:46

Tgt Ion:105 Resp: 75244
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.3 69.8





#95

Naphthalene

Concen: 1.496 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073262.D

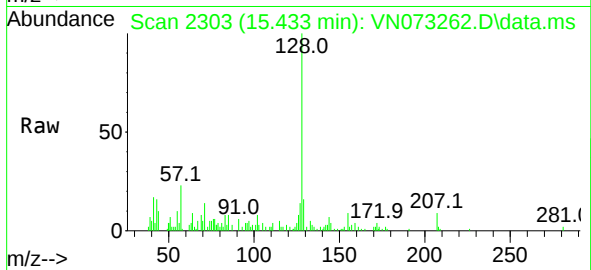
Acq: 30 Jun 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

DUP061722DL



Tgt Ion:128 Resp: 26207

Ion Ratio Lower Upper

128 100

127 21.3 10.3 15.5#

129 19.3 8.6 13.0#

