

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073245.D
 Acq On : 29 Jun 2022 16:05
 Operator : JC\MD
 Sample : N3504-04DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1616DL

Quant Time: Jun 29 18:13:03 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)

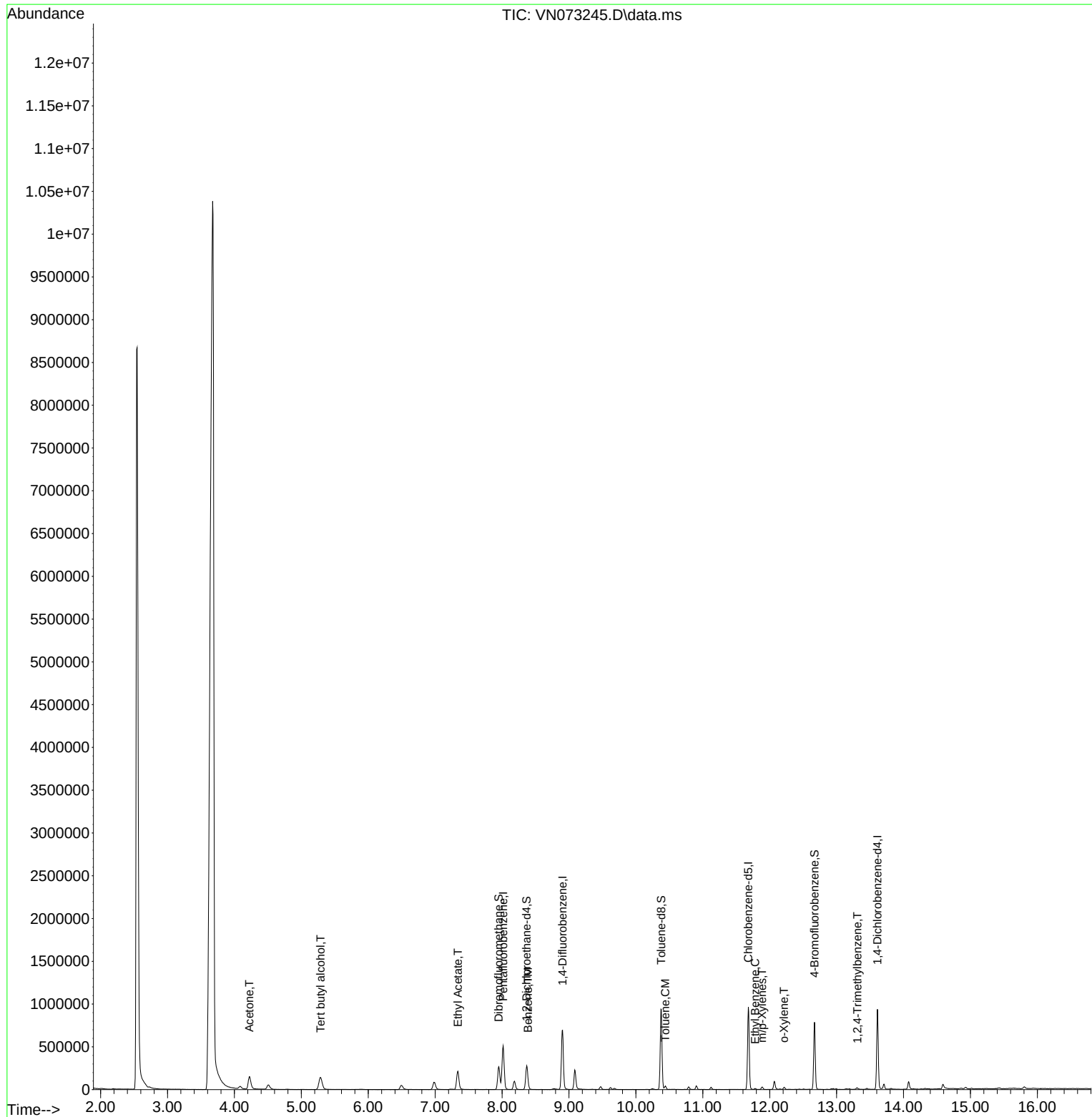
Internal Standards						
1) Pentafluorobenzene	8.016	168	394622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	631751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	564997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	247428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	227073	39.860	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	79.720%
35) Dibromofluoromethane	7.951	113	196813	46.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	10.380	98	659732	44.194	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.380%
62) 4-Bromofluorobenzene	12.668	95	271403	47.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	280916	203.559	ug/l	99
16) Acetone	4.222	43	265268	82.956	ug/l	93
37) Ethyl Acetate	7.339	43	348718m	35.685	ug/l	
40) Benzene	8.386	78	12392	0.621	ug/l	97
52) Toluene	10.439	92	15863	1.286	ug/l	97
67) Ethyl Benzene	11.780	91	6869	0.296	ug/l	91
68) m/p-Xylenes	11.886	106	9590	1.095	ug/l	93
69) o-Xylene	12.216	106	5427	0.607	ug/l	90
84) 1,2,4-Trimethylbenzene	13.310	105	11363	0.654	ug/l	86

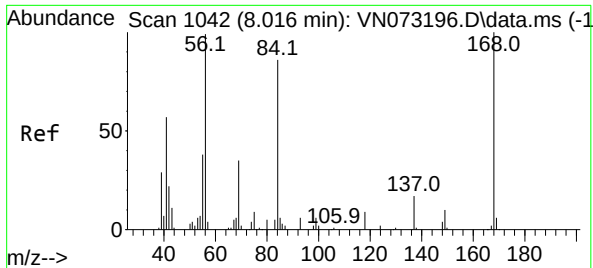
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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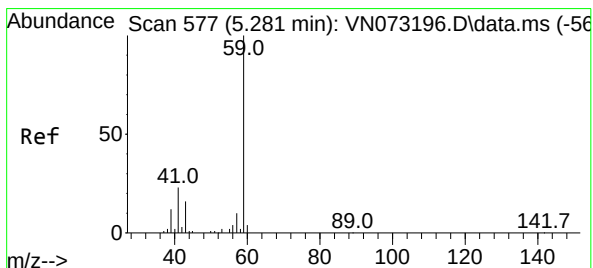
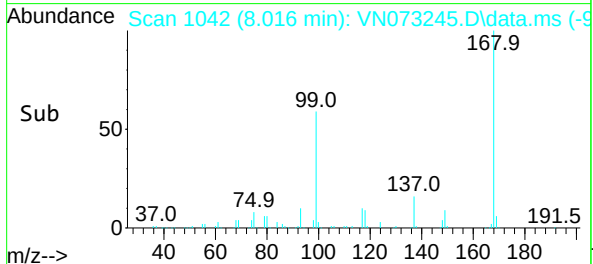
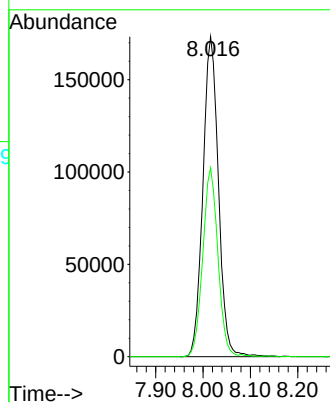
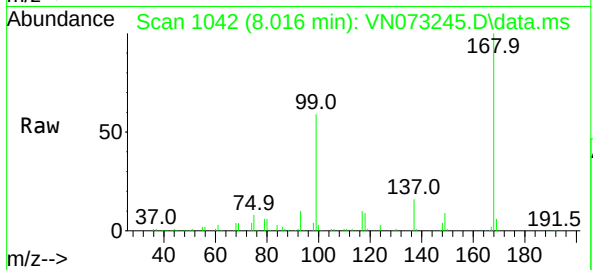




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

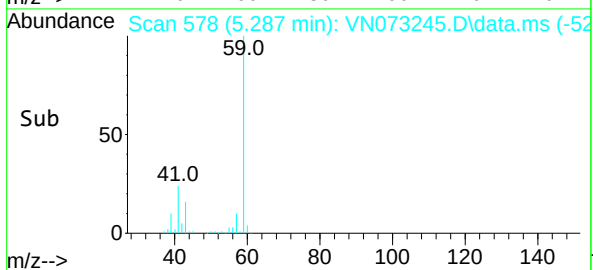
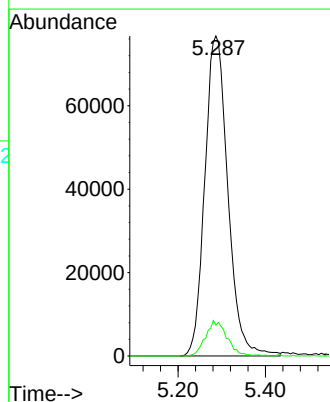
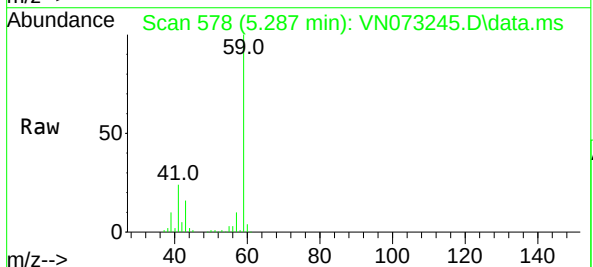
Instrument :
MSVOA_N
ClientSampleId :
TRE-1616DL

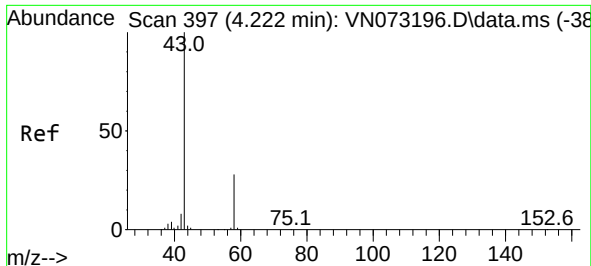
Tgt Ion:168 Resp: 394622
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#11
Tert butyl alcohol
Concen: 203.559 ug/l
RT: 5.287 min Scan# 578
Delta R.T. 0.006 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

Tgt Ion: 59 Resp: 280916
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

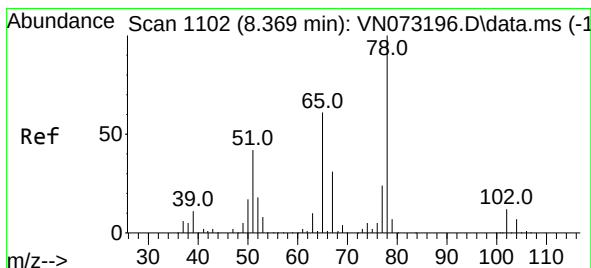
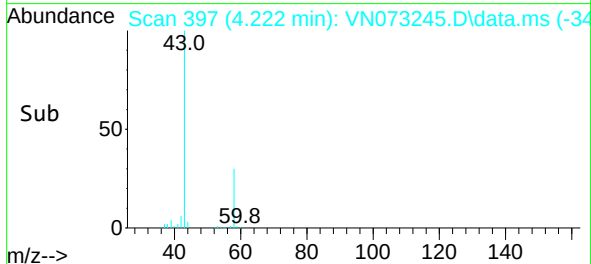
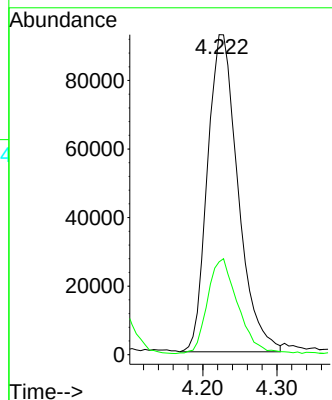
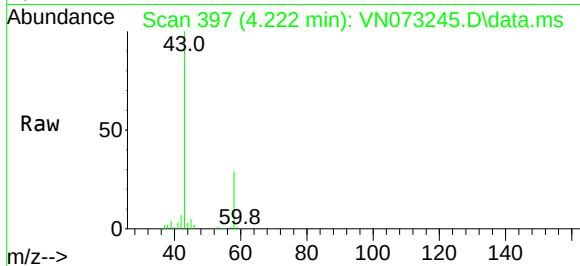




#16
Acetone
Concen: 82.956 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

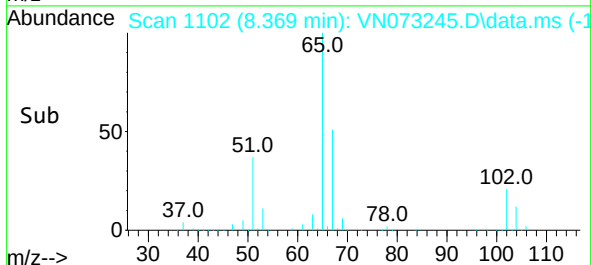
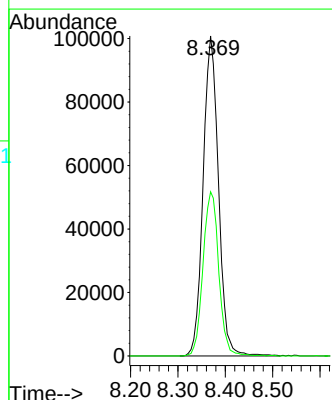
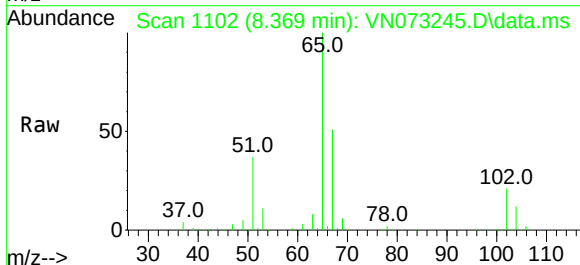
Instrument :
MSVOA_N
ClientSampleId :
TRE-1616DL

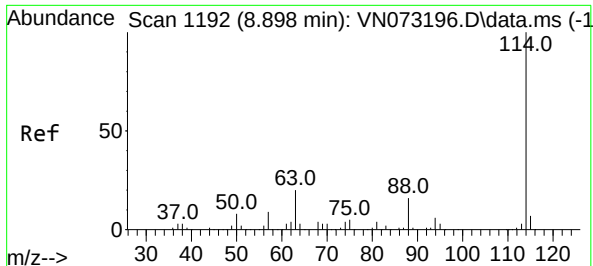
Tgt Ion: 43 Resp: 265268
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0



#33
1,2-Dichloroethane-d4
Concen: 39.860 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

Tgt Ion: 65 Resp: 227073
Ion Ratio Lower Upper
65 100
67 52.6 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: VN073245.D

Acq: 29 Jun 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

TRE-1616DL

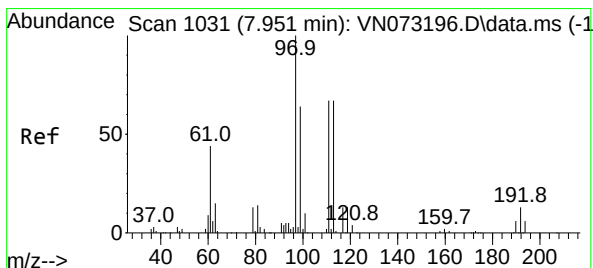
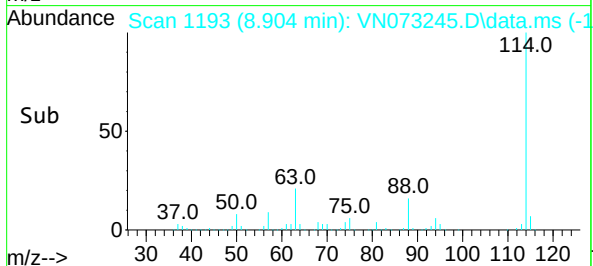
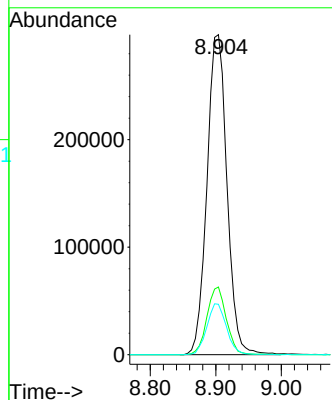
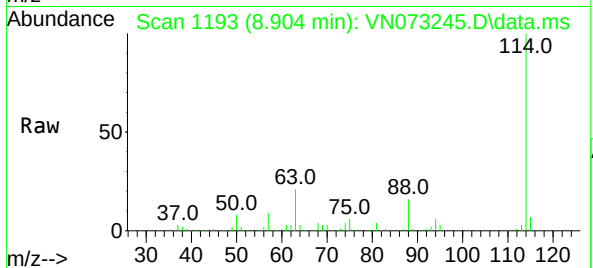
Tgt Ion:114 Resp: 631751

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.825 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073245.D

Acq: 29 Jun 2022 16:05

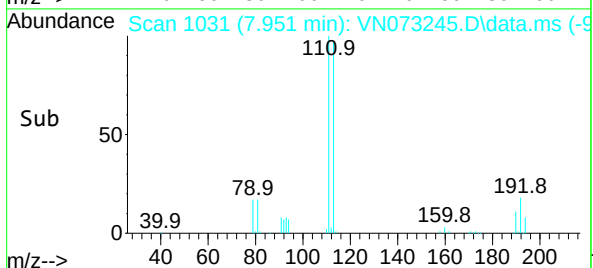
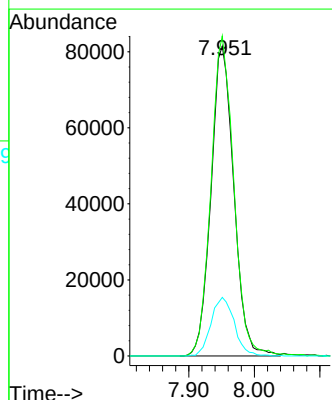
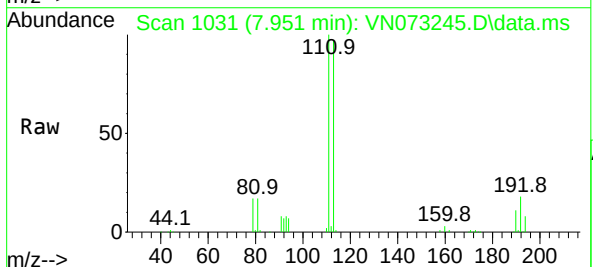
Tgt Ion:113 Resp: 196813

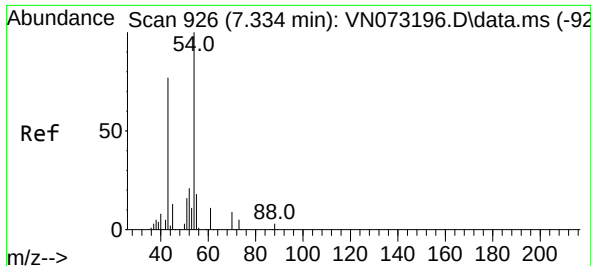
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 19.3 17.0 25.6

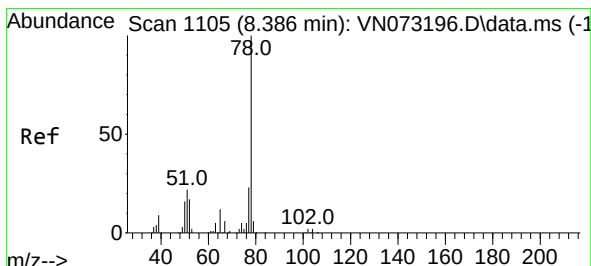
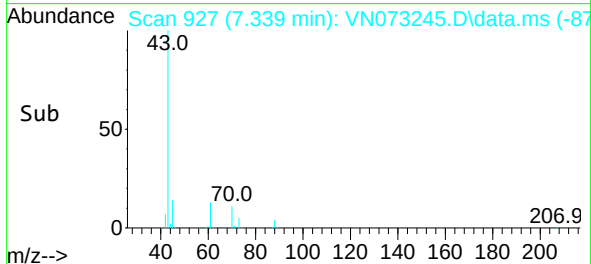
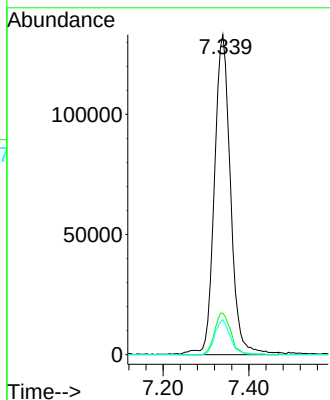
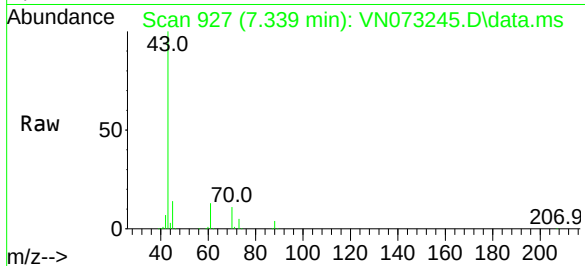




#37
Ethyl Acetate
Concen: 35.685 ug/l m
RT: 7.339 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

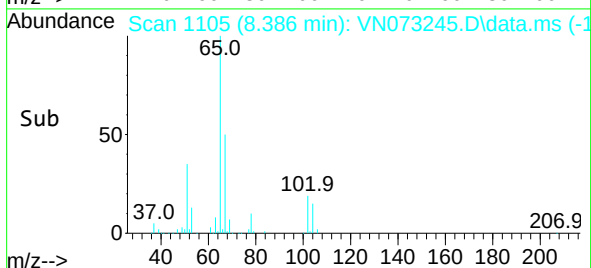
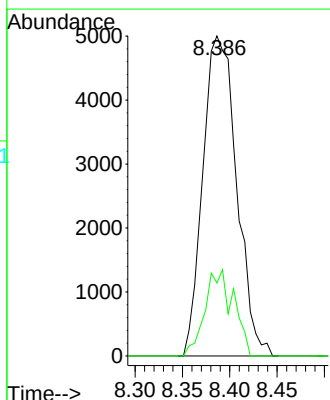
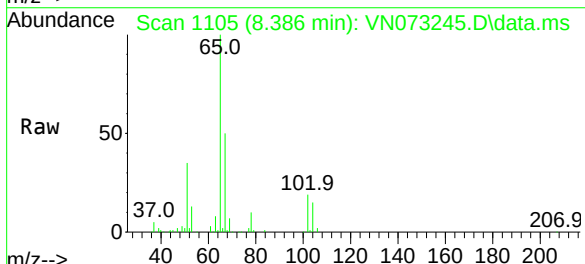
Instrument :
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ClientSampleId :
TRE-1616DL

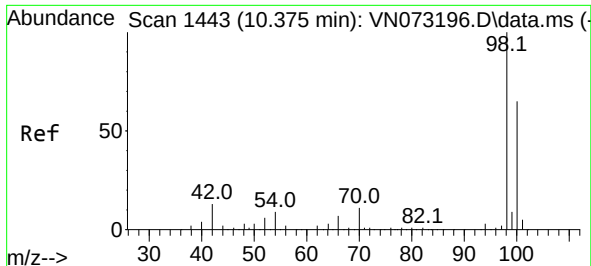
Tgt Ion: 43 Resp: 348718
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#40
Benzene
Concen: 0.621 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

Tgt Ion: 78 Resp: 12392
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.0

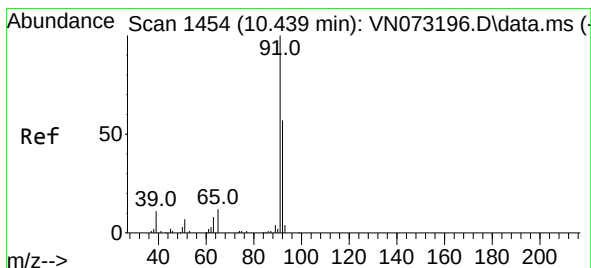
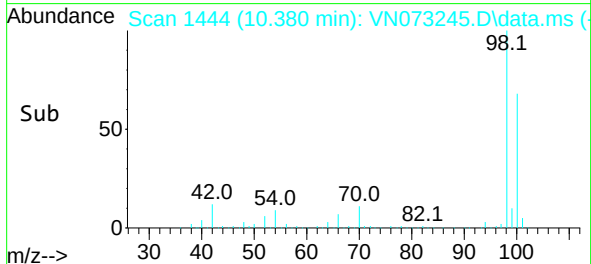
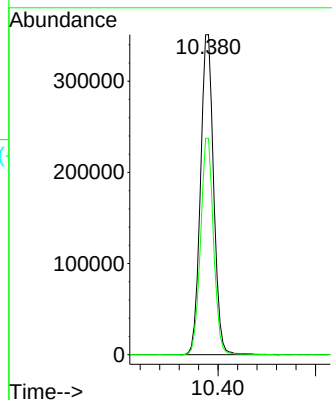
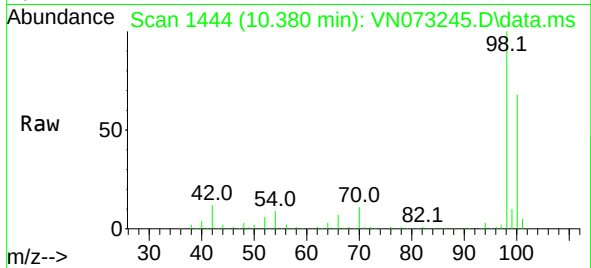




#50
Toluene-d8
Concen: 44.194 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

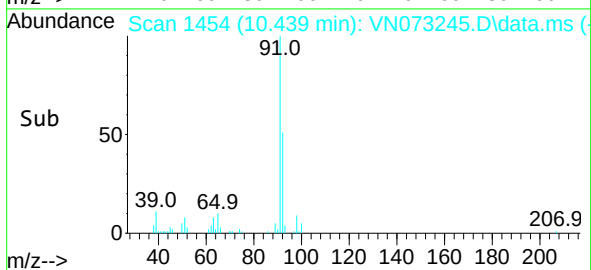
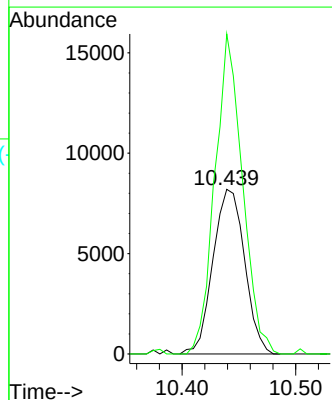
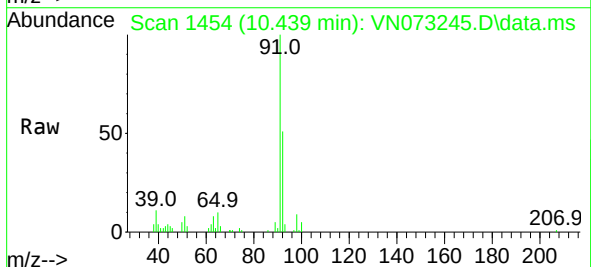
Instrument :
MSVOA_N
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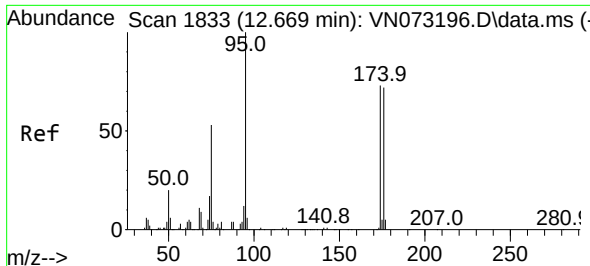
Tgt Ion: 98 Resp: 659732
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#52
Toluene
Concen: 1.286 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

Tgt Ion: 92 Resp: 15863
Ion Ratio Lower Upper
92 100
91 169.7 138.6 207.8

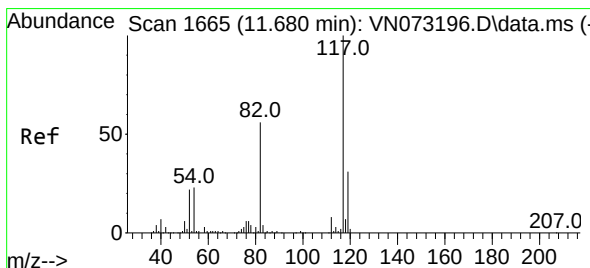
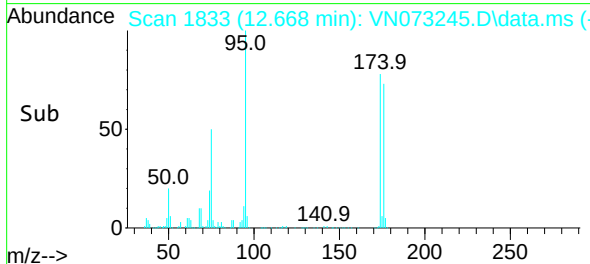
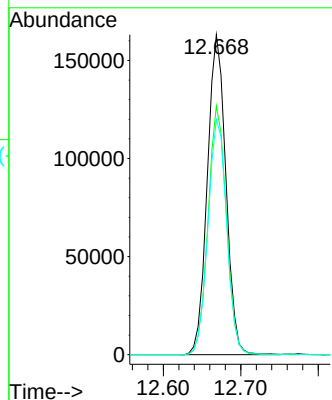
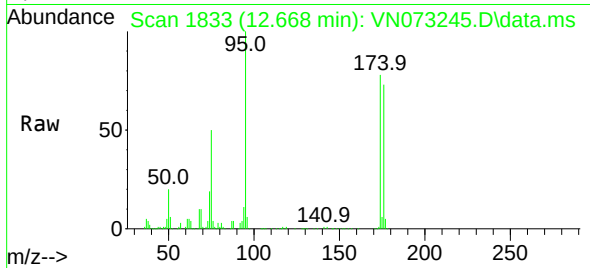




#62
4-Bromofluorobenzene
Concen: 47.309 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

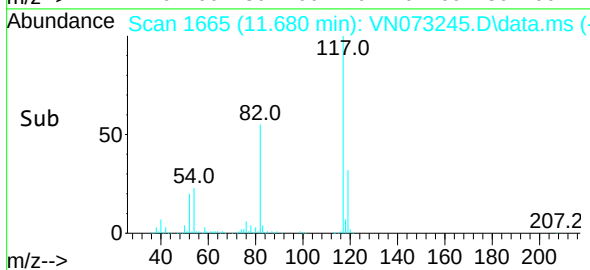
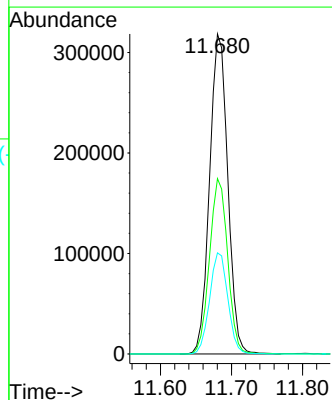
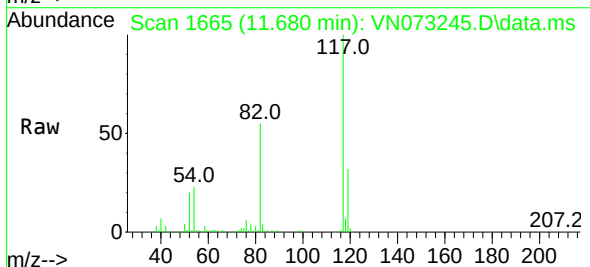
Instrument :
MSVOA_N
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TRE-1616DL

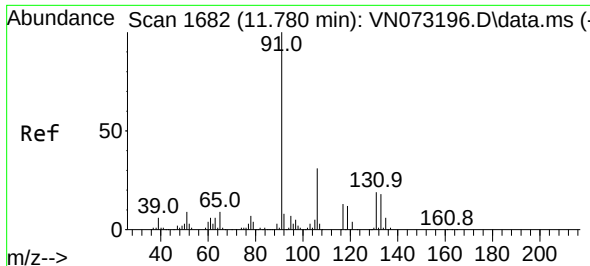
Tgt Ion: 95 Resp: 271403
Ion Ratio Lower Upper
95 100
174 77.0 0.0 167.6
176 74.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

Tgt Ion: 117 Resp: 564997
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.6 25.4 38.0





#67

Ethyl Benzene

Concen: 0.296 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073245.D

Acq: 29 Jun 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

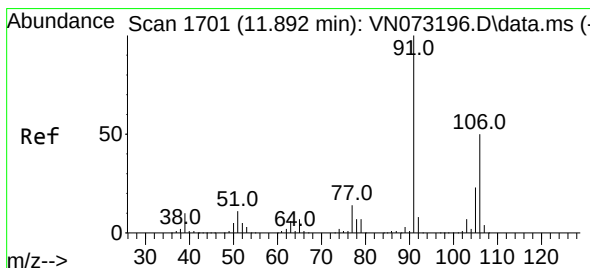
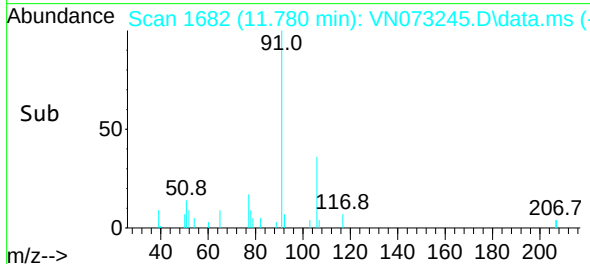
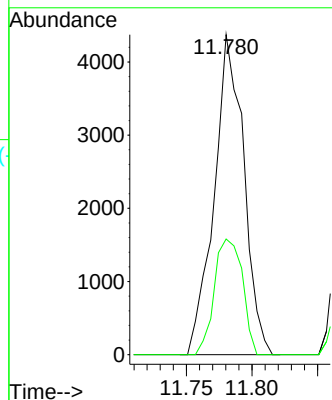
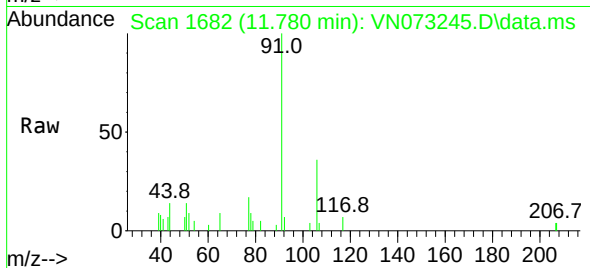
TRE-1616DL

Tgt Ion: 91 Resp: 6869

Ion Ratio Lower Upper

91 100

106 36.2 24.9 37.3



#68

m/p-Xylenes

Concen: 1.095 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VN073245.D

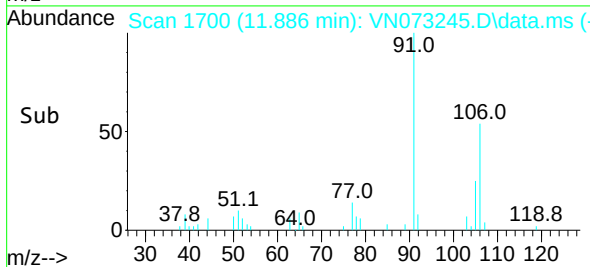
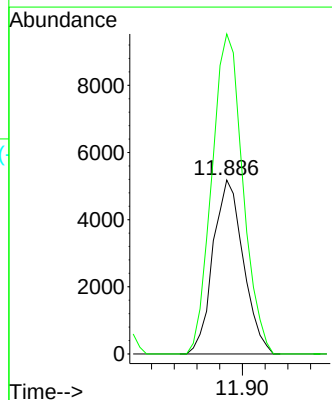
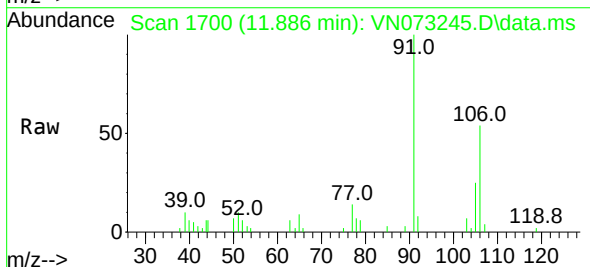
Acq: 29 Jun 2022 16:05

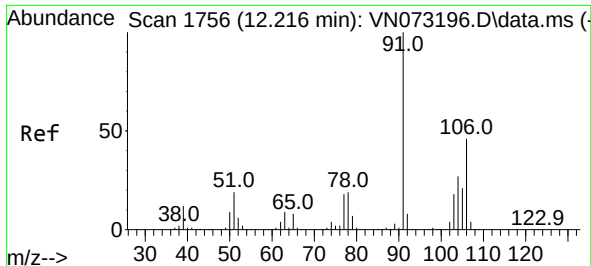
Tgt Ion: 106 Resp: 9590

Ion Ratio Lower Upper

106 100

91 188.4 158.9 238.3

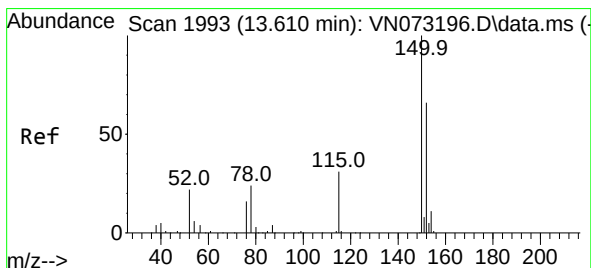
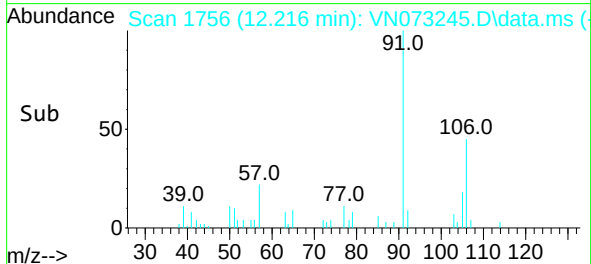
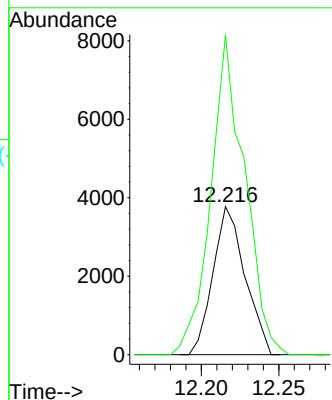
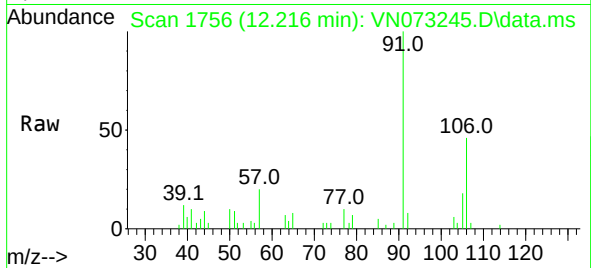




#69
o-Xylene
Concen: 0.607 ug/l
RT: 12.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

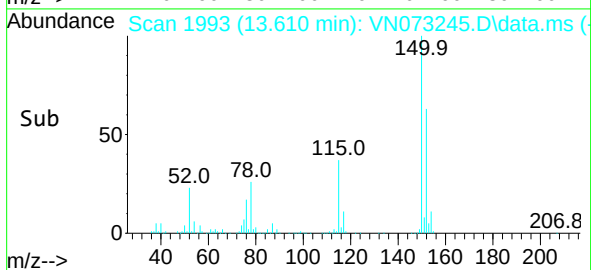
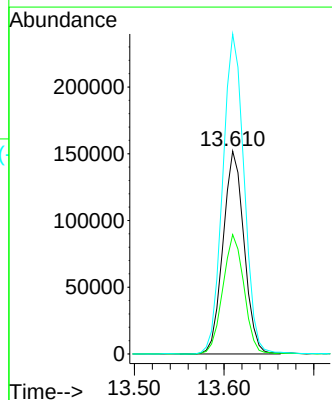
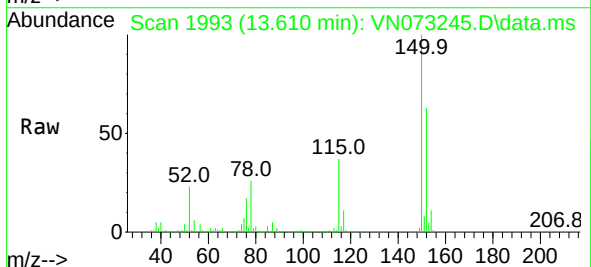
Instrument :
MSVOA_N
ClientSampleId :
TRE-1616DL

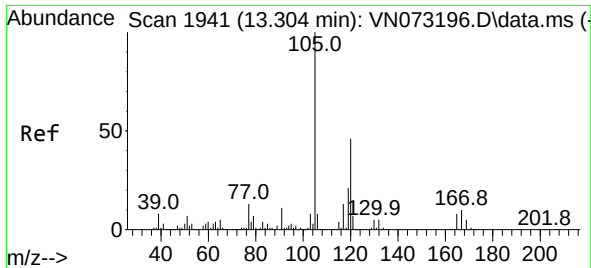
Tgt Ion:106 Resp: 5427
Ion Ratio Lower Upper
106 100
91 228.2 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073245.D
Acq: 29 Jun 2022 16:05

Tgt Ion:152 Resp: 247428
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.7
150 160.7 0.0 356.2





#84
 1,2,4-Trimethylbenzene
 Concen: 0.654 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VN073245.D
 Acq: 29 Jun 2022 16:05

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1616DL

Tgt Ion:105 Resp: 11363
 Ion Ratio Lower Upper
 105 100
 120 37.0 23.3 69.8

