

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073247.D
 Acq On : 29 Jun 2022 16:54
 Operator : JC\MD
 Sample : N3504-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1618

Quant Time: Jun 29 17:12:48 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)

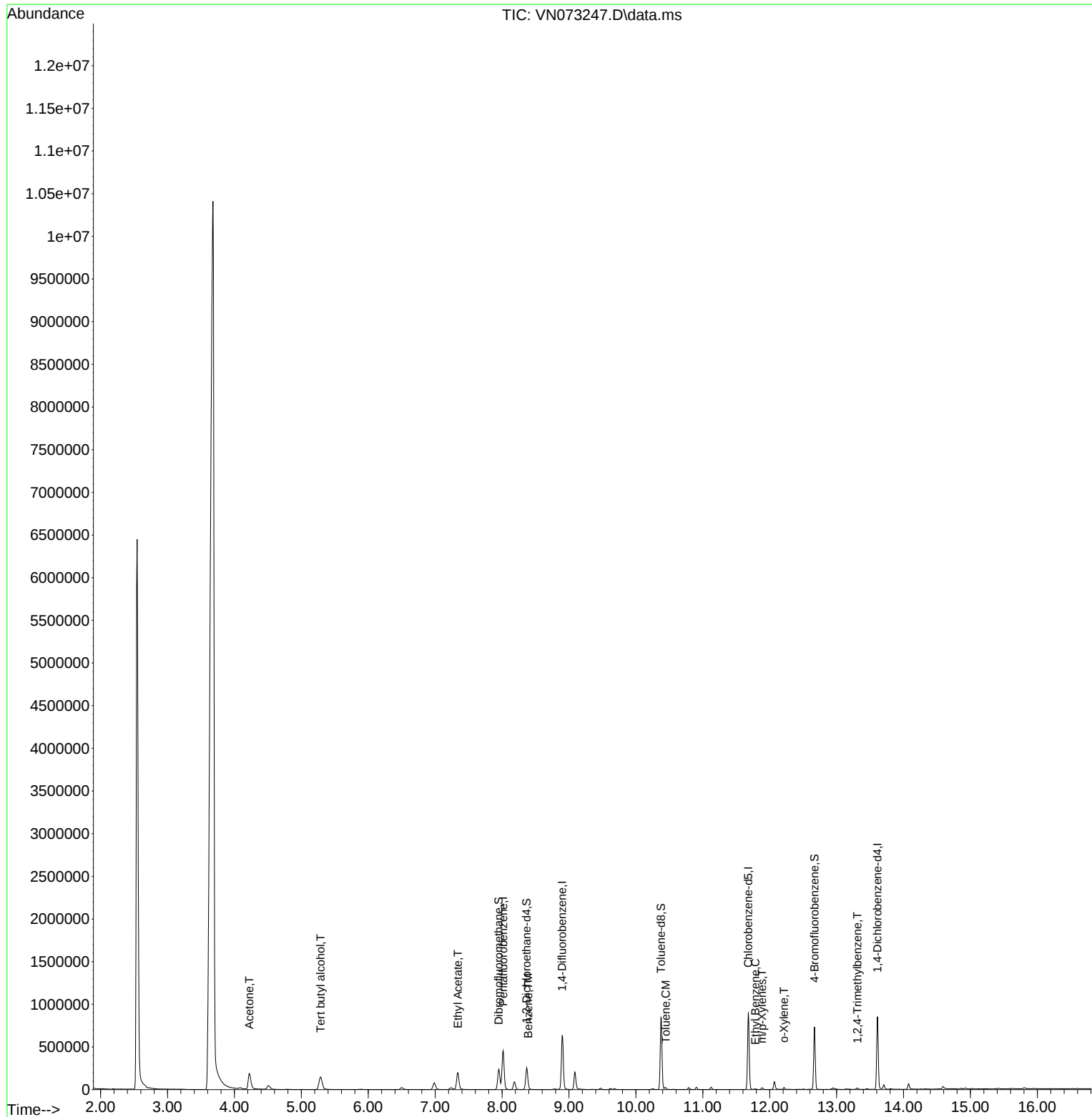
Internal Standards						
1) Pentafluorobenzene	8.016	168	350140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	564748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	513426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	229189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	204373	40.433	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.860%
35) Dibromofluoromethane	7.951	113	177213	47.164	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	10.375	98	593169	44.449	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.900%
62) 4-Bromofluorobenzene	12.669	95	249410	48.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	282957	231.086	ug/l	99
16) Acetone	4.222	43	338503	119.306	ug/l	95
37) Ethyl Acetate	7.339	43	323283m	37.007	ug/l	
40) Benzene	8.392	78	6170	0.346	ug/l	97
52) Toluene	10.445	92	9676	0.878	ug/l	94
67) Ethyl Benzene	11.786	91	4841	0.230	ug/l	98
68) m/p-Xylenes	11.886	106	6472	0.813	ug/l	91
69) o-Xylene	12.216	106	3936	0.485	ug/l	91
84) 1,2,4-Trimethylbenzene	13.310	105	8678	0.539	ug/l	95

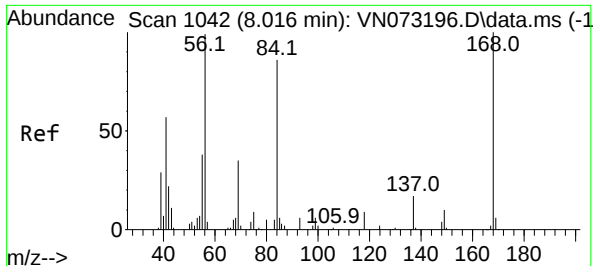
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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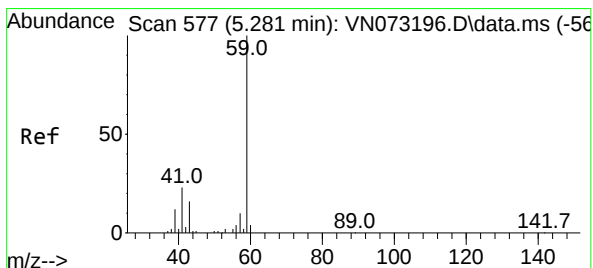
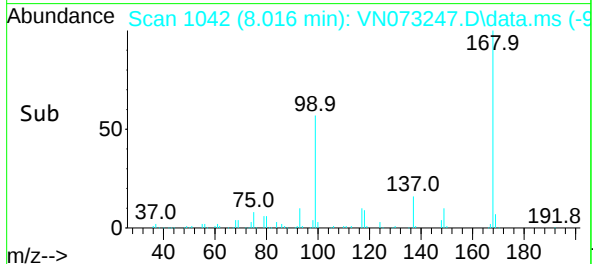
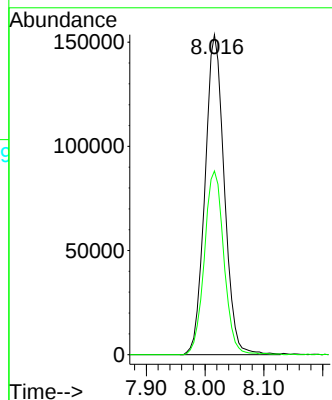
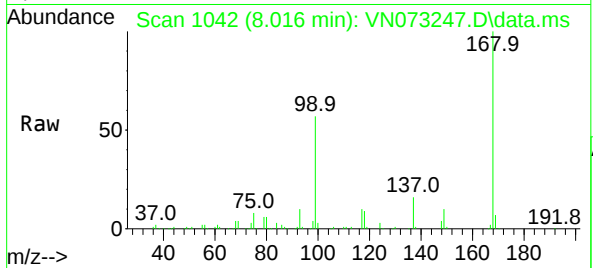




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

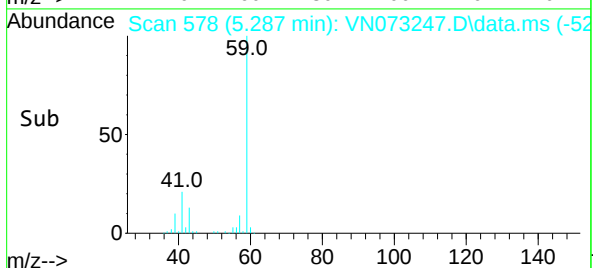
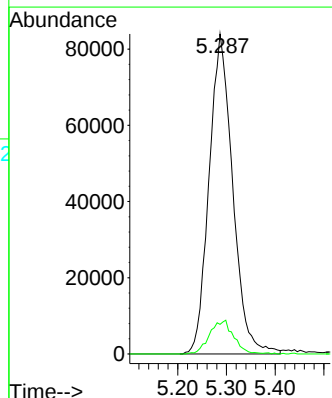
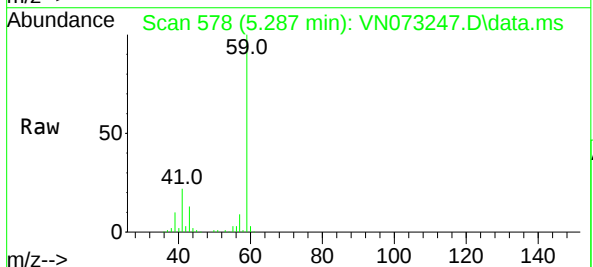
Instrument :
MSVOA_N
ClientSampleId :
TRE-1618

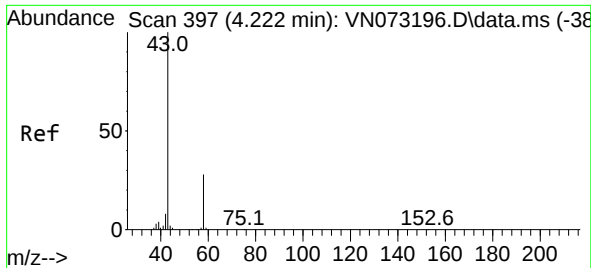
Tgt Ion:168 Resp: 350140
Ion Ratio Lower Upper
168 100
99 57.4 42.3 63.5



#11
Tert butyl alcohol
Concen: 231.086 ug/l
RT: 5.287 min Scan# 578
Delta R.T. 0.006 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

Tgt Ion: 59 Resp: 282957
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5





#16

Acetone

Concen: 119.306 ug/l

RT: 4.222 min Scan# 397

Delta R.T. 0.000 min

Lab File: VN073247.D

Acq: 29 Jun 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

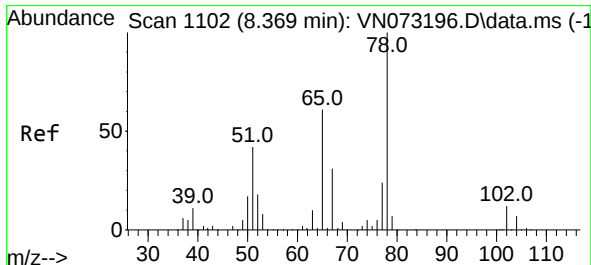
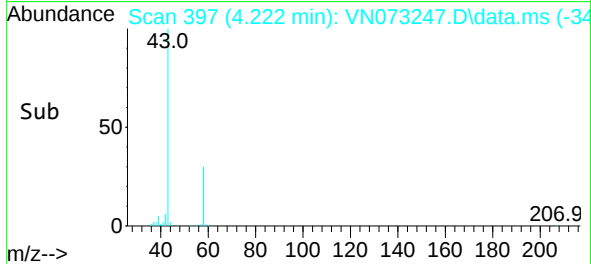
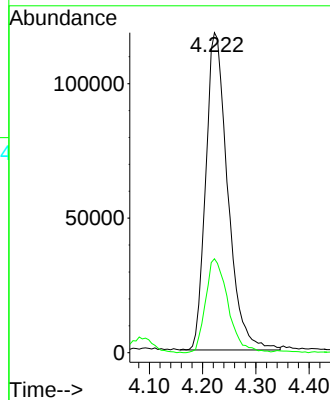
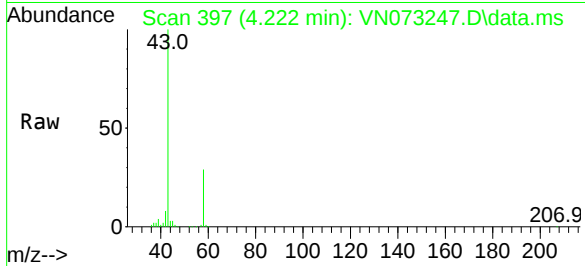
TRE-1618

Tgt Ion: 43 Resp: 338503

Ion Ratio Lower Upper

43 100

58 29.5 26.0 39.0



#33

1,2-Dichloroethane-d4

Concen: 40.433 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073247.D

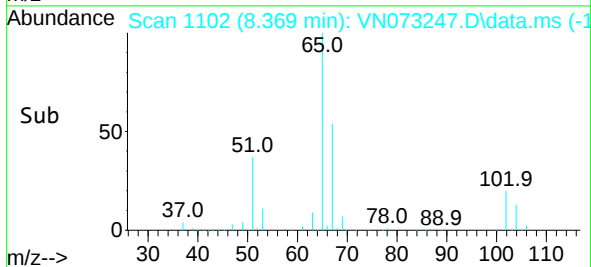
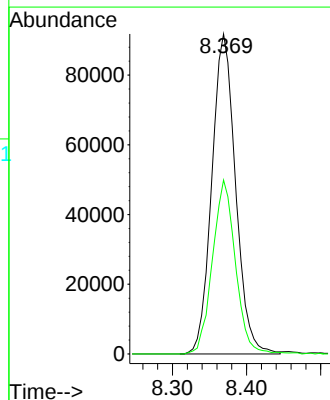
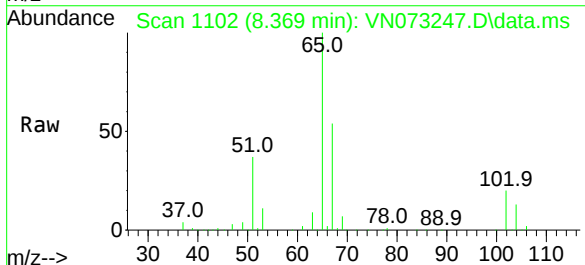
Acq: 29 Jun 2022 16:54

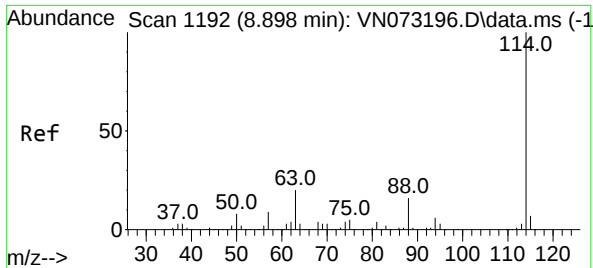
Tgt Ion: 65 Resp: 204373

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8

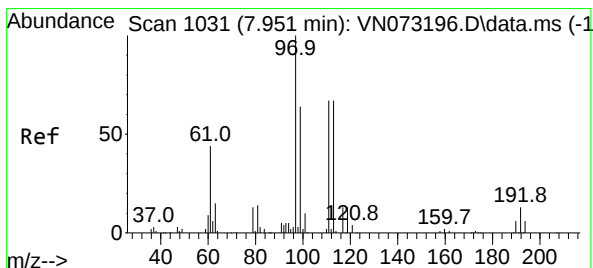
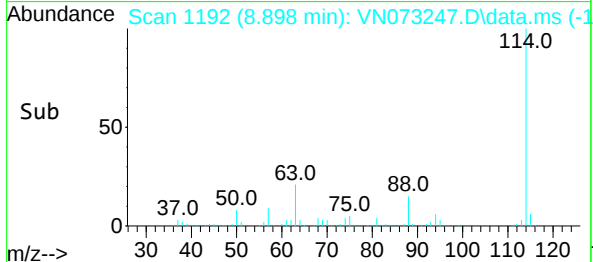
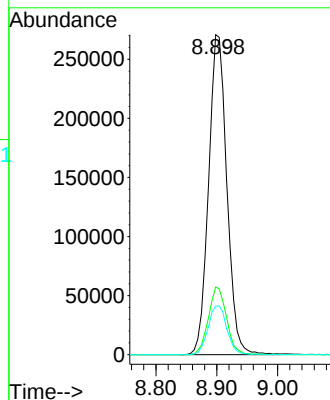
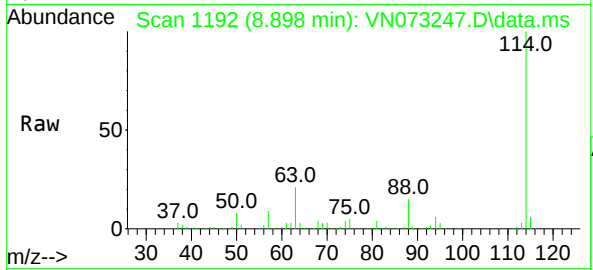




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

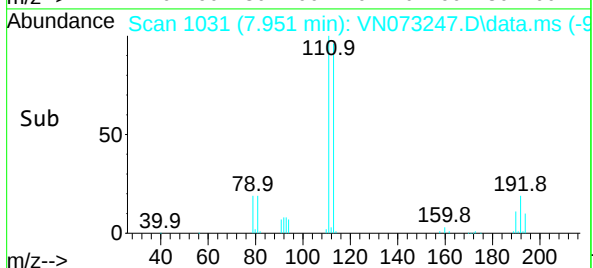
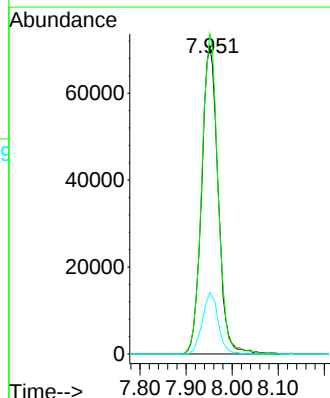
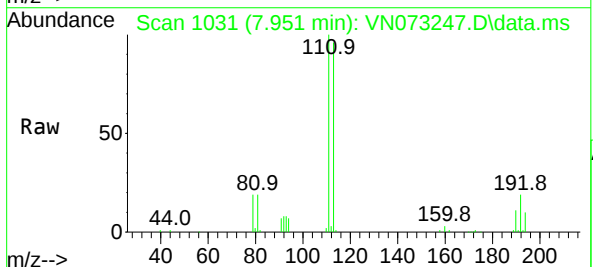
Instrument :
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TRE-1618

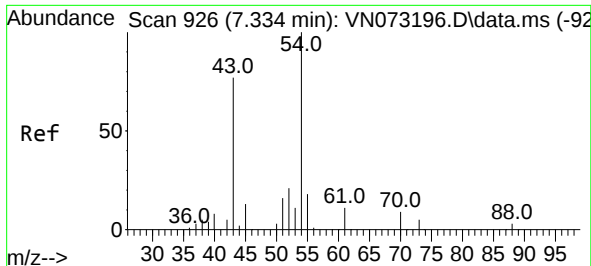
Tgt Ion:114 Resp: 564748
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.0
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.164 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

Tgt Ion:113 Resp: 177213
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 19.0 17.0 25.6

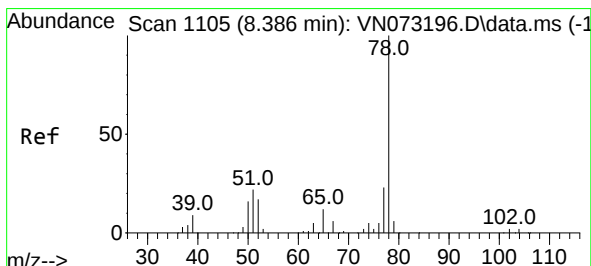
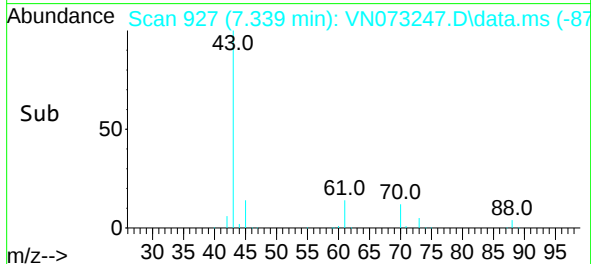
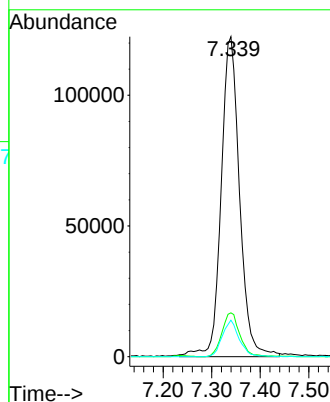
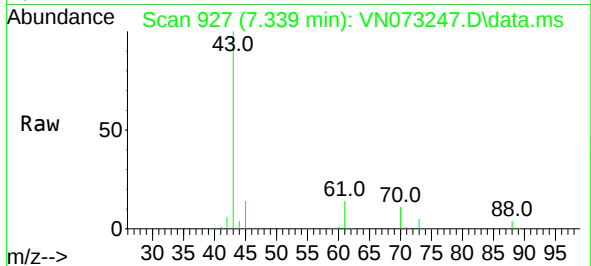




#37
Ethyl Acetate
Concen: 37.007 ug/l m
RT: 7.339 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

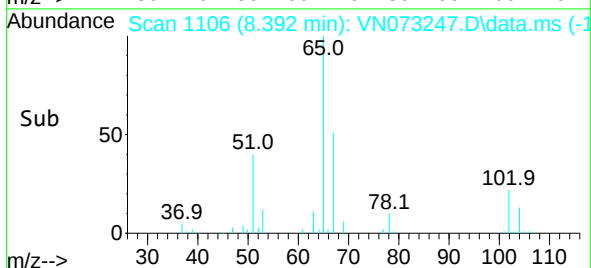
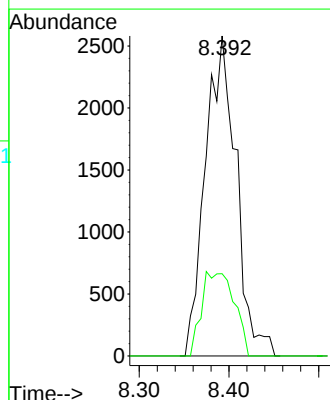
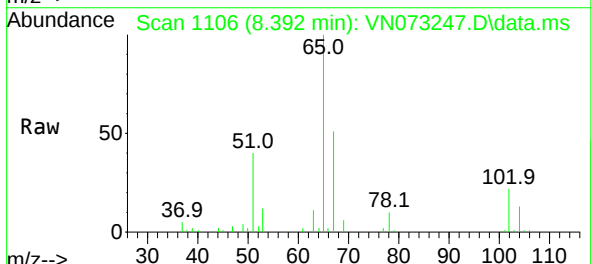
Instrument :
MSVOA_N
ClientSampleId :
TRE-1618

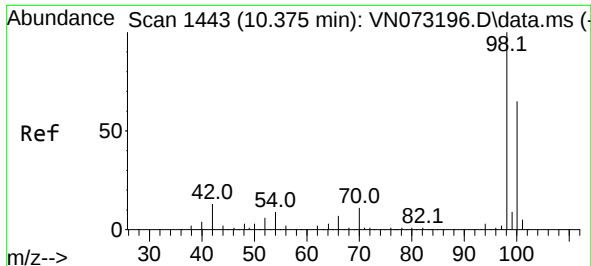
Tgt Ion: 43 Resp: 323283
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#40
Benzene
Concen: 0.346 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

Tgt Ion: 78 Resp: 6170
Ion Ratio Lower Upper
78 100
77 25.7 19.4 29.0

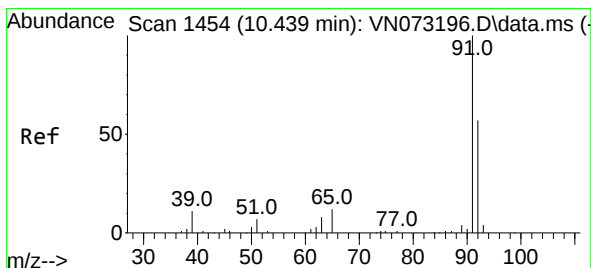
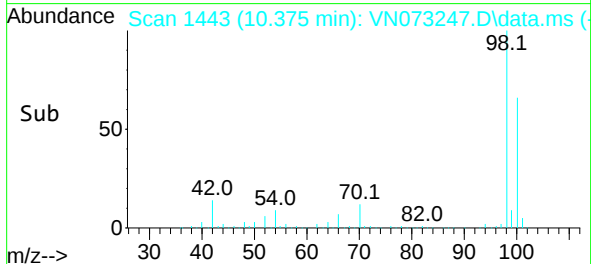
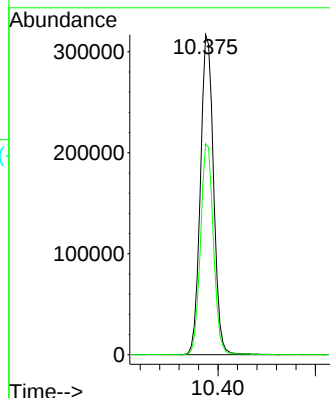
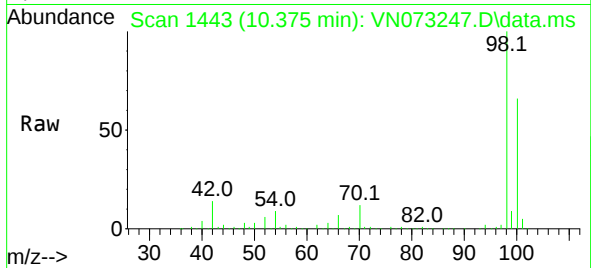




#50
Toluene-d8
Concen: 44.449 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

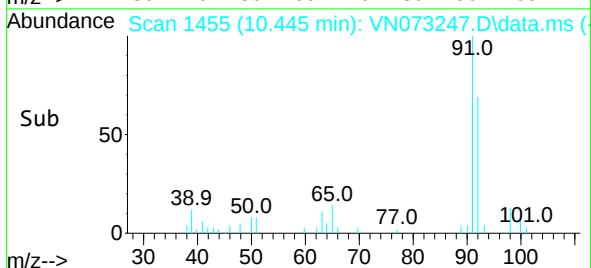
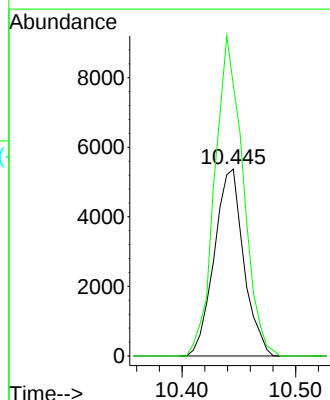
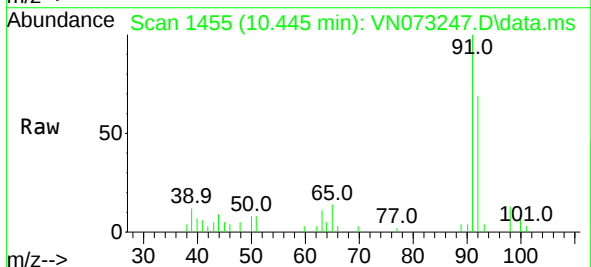
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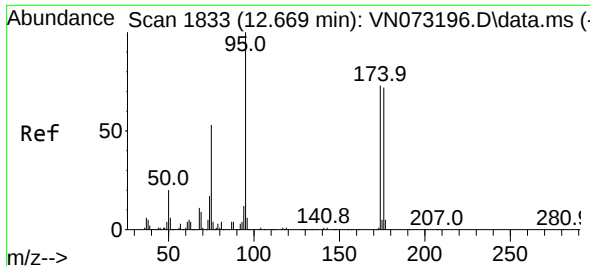
Tgt Ion: 98 Resp: 593169
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#52
Toluene
Concen: 0.878 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

Tgt Ion: 92 Resp: 9676
Ion Ratio Lower Upper
92 100
91 164.5 138.6 207.8

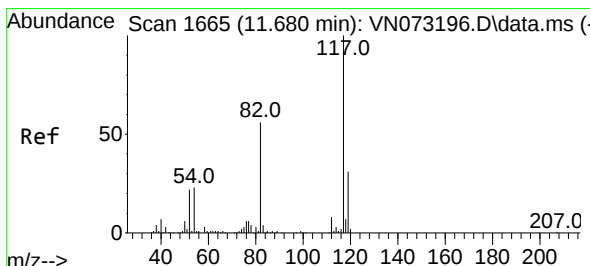
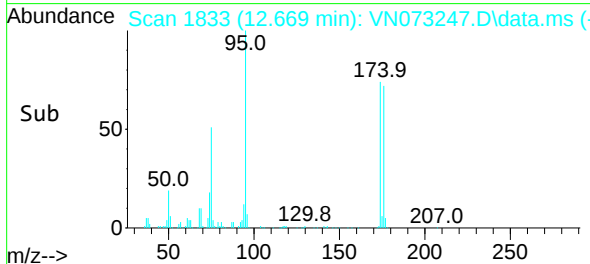
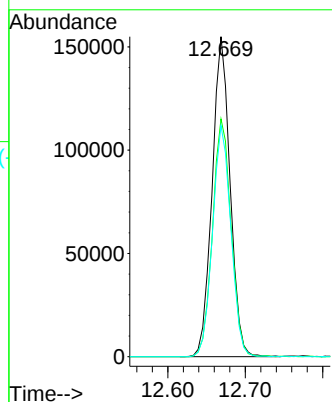
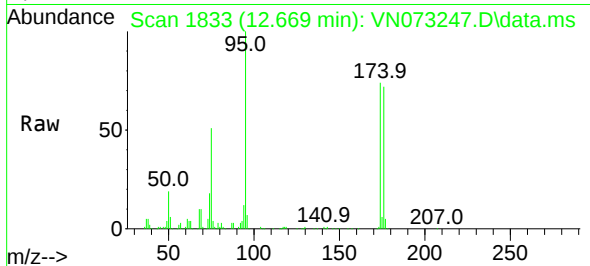




#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

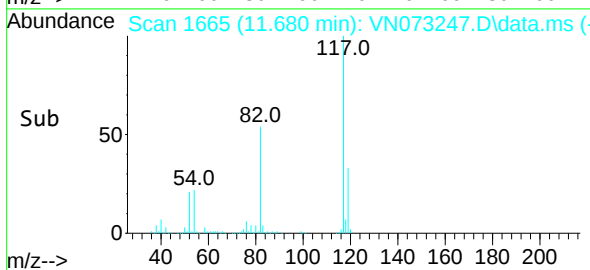
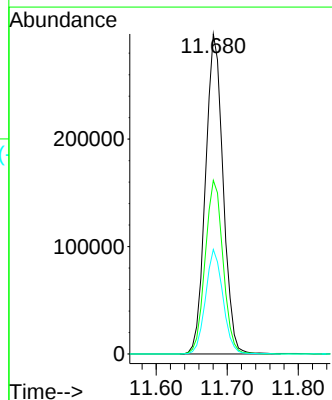
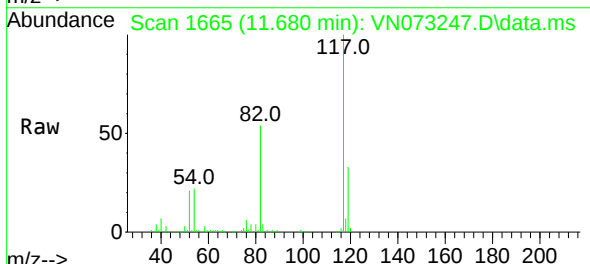
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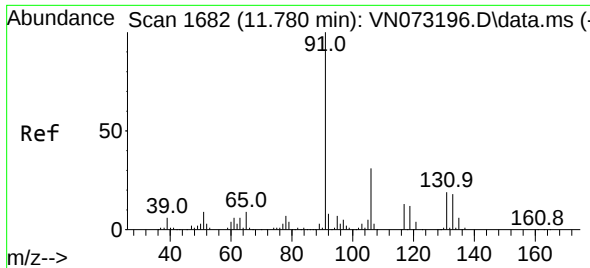
Tgt Ion: 95 Resp: 249410
Ion Ratio Lower Upper
95 100
174 76.8 0.0 167.6
176 73.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

Tgt Ion: 117 Resp: 513426
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.6 25.4 38.0

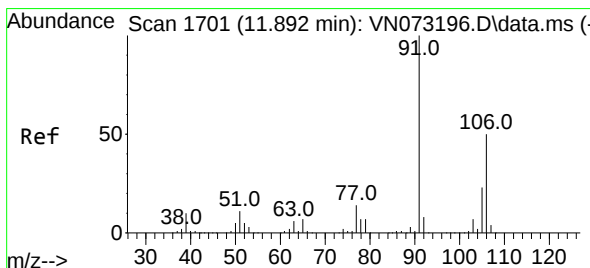
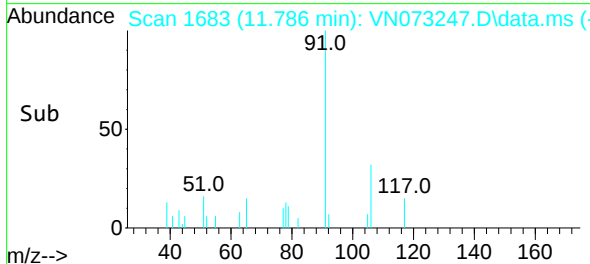
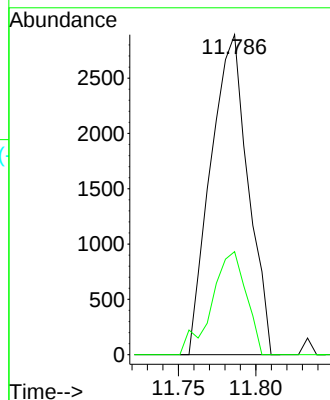
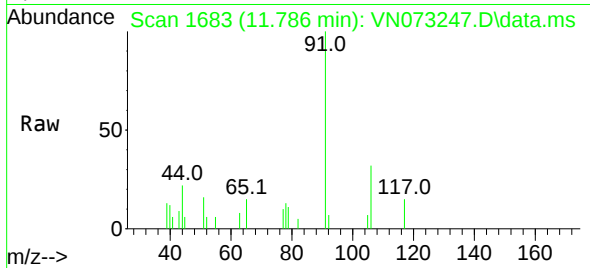




#67
Ethyl Benzene
Concen: 0.230 ug/l
RT: 11.786 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

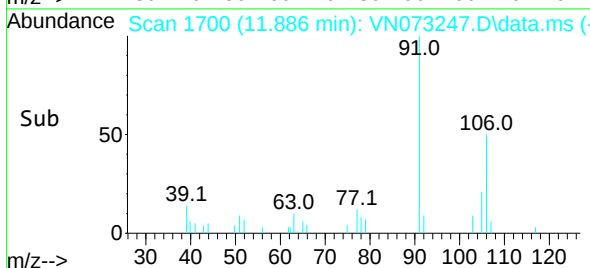
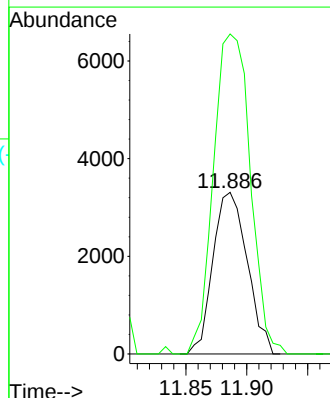
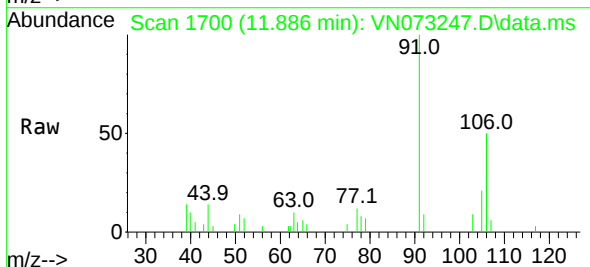
Instrument :
MSVOA_N
ClientSampleId :
TRE-1618

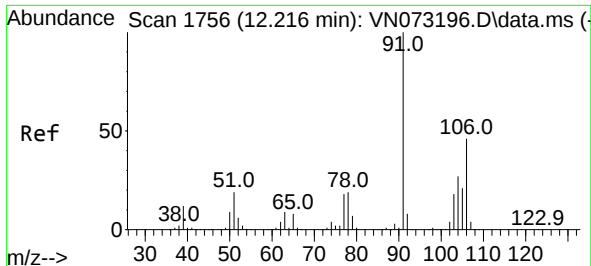
Tgt Ion: 91 Resp: 4841
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 0.813 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

Tgt Ion:106 Resp: 6472
Ion Ratio Lower Upper
106 100
91 212.6 158.9 238.3

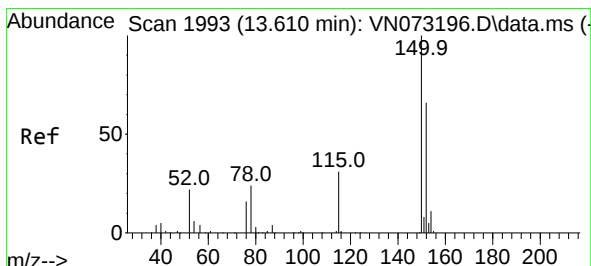
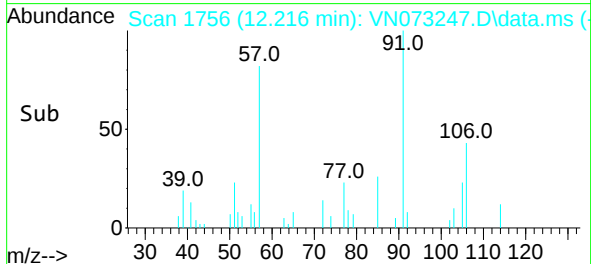
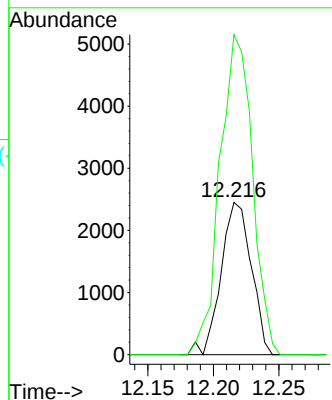
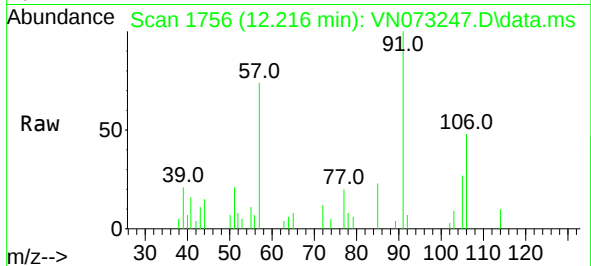




#69
o-Xylene
Concen: 0.485 ug/l
RT: 12.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

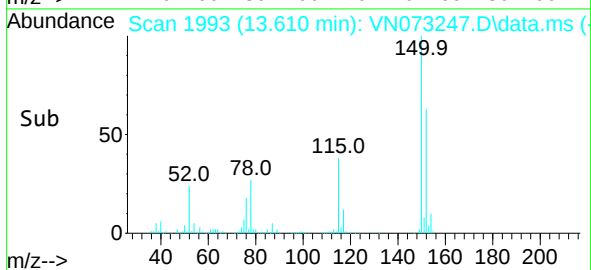
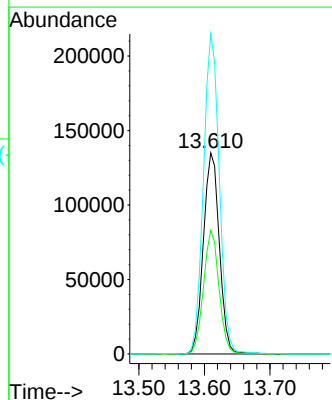
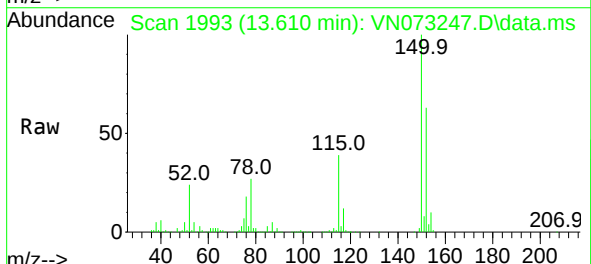
Instrument :
MSVOA_N
ClientSampleId :
TRE-1618

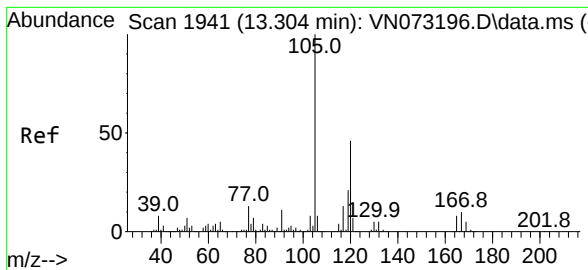
Tgt Ion:106 Resp: 3936
Ion Ratio Lower Upper
106 100
91 226.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073247.D
Acq: 29 Jun 2022 16:54

Tgt Ion:152 Resp: 229189
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.7
150 158.0 0.0 356.2





#84

1,2,4-Trimethylbenzene

Concen: 0.539 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073247.D

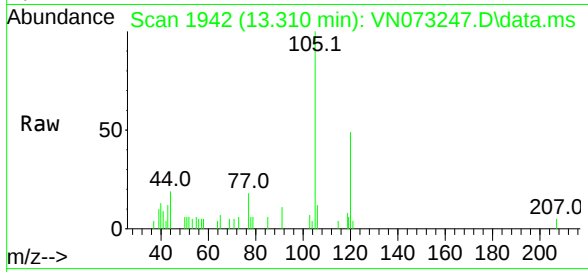
Acq: 29 Jun 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

TRE-1618



Tgt Ion:105 Resp: 8678

Ion Ratio Lower Upper

105 100

120 43.1 23.3 69.8

