

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073246.D
 Acq On : 29 Jun 2022 16:29
 Operator : JC\MD
 Sample : N3504-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1617

Quant Time: Jun 29 16:53:52 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)

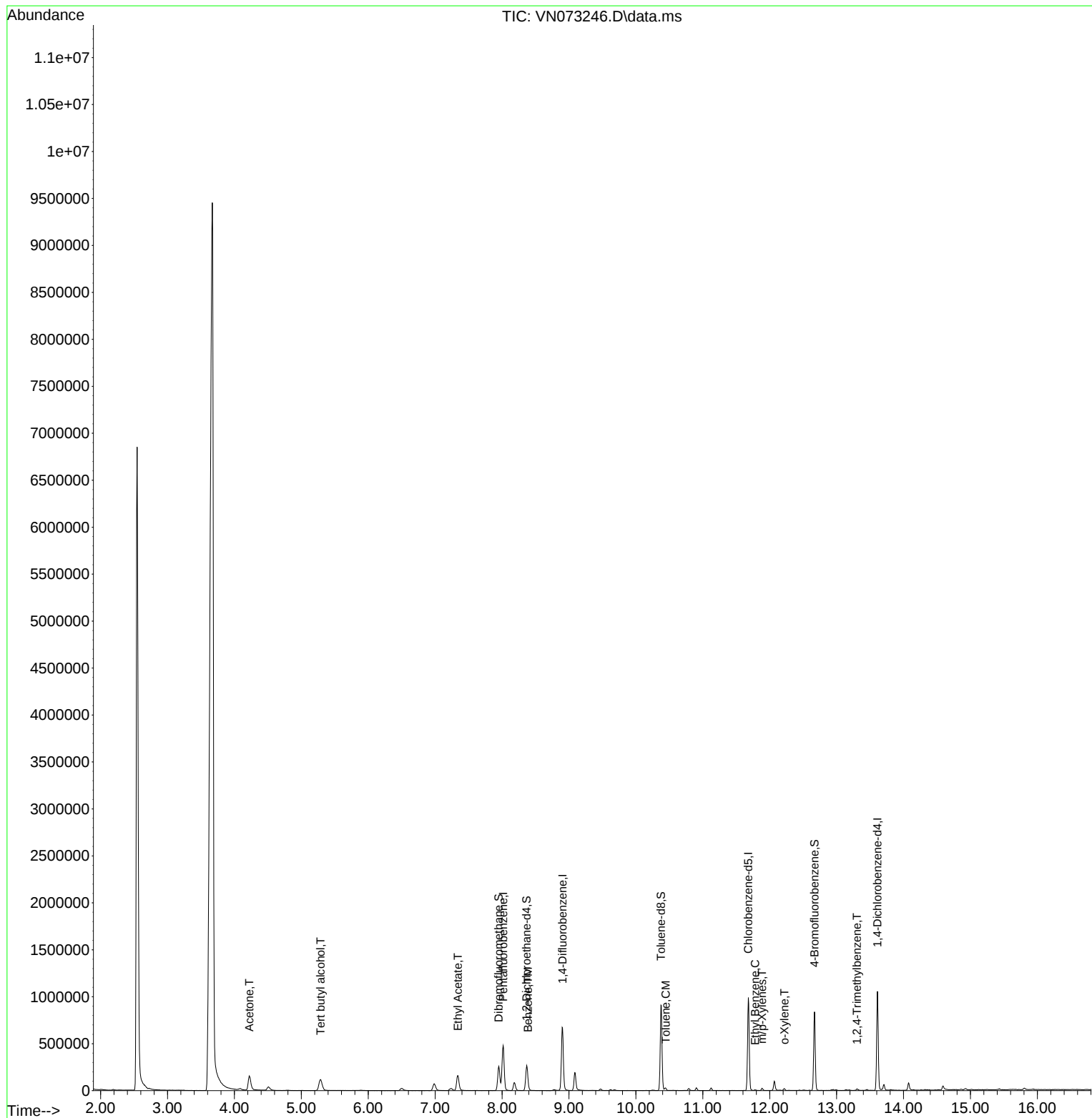
Internal Standards						
1) Pentafluorobenzene	8.016	168	369967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	603600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	569201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	279734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	218064	40.829	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.660%
35) Dibromofluoromethane	7.951	113	189150	47.101	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	10.375	98	633340	44.405	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.800%
62) 4-Bromofluorobenzene	12.669	95	285819	52.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	229941	177.725	ug/l	99
16) Acetone	4.222	43	275828	92.006	ug/l	93
37) Ethyl Acetate	7.340	43	256191	27.439	ug/l	98
40) Benzene	8.386	78	7778	0.408	ug/l #	87
52) Toluene	10.445	92	10228	0.868	ug/l	93
67) Ethyl Benzene	11.780	91	5034	0.215	ug/l #	88
68) m/p-Xylenes	11.886	106	6645	0.753	ug/l	96
69) o-Xylene	12.222	106	4335	0.481	ug/l	93
84) 1,2,4-Trimethylbenzene	13.304	105	9170	0.466	ug/l	95

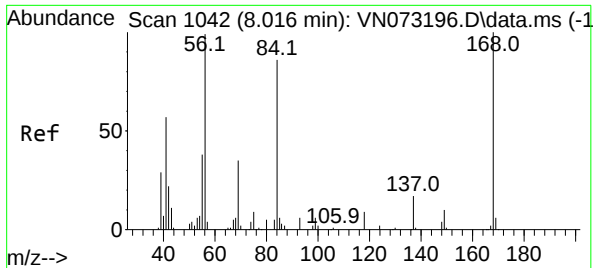
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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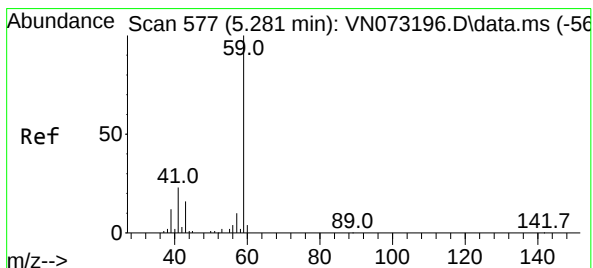
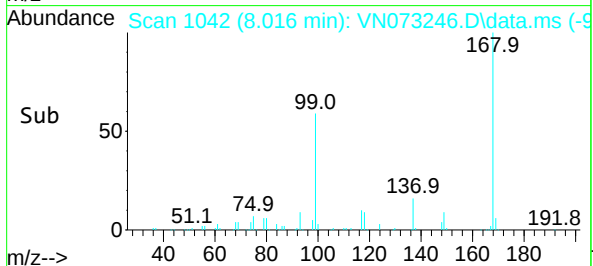
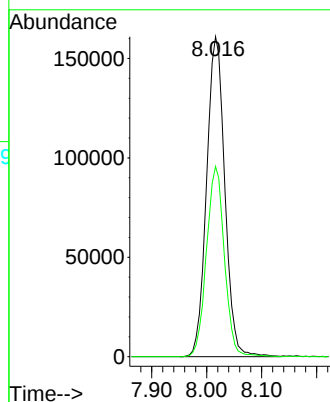
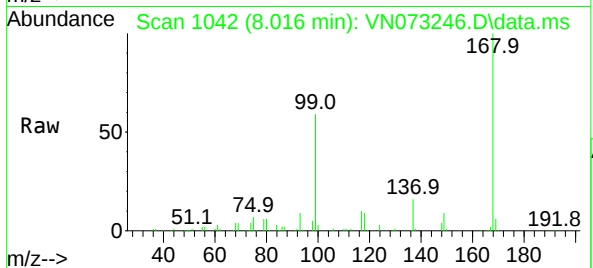




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

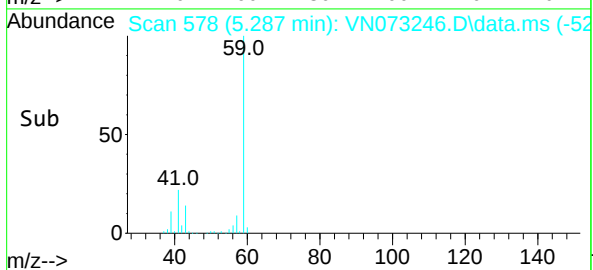
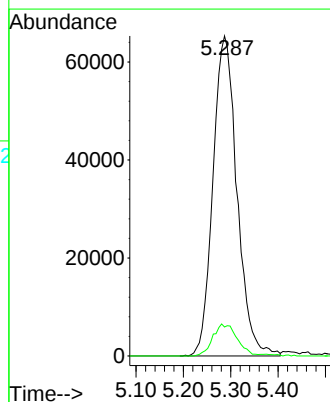
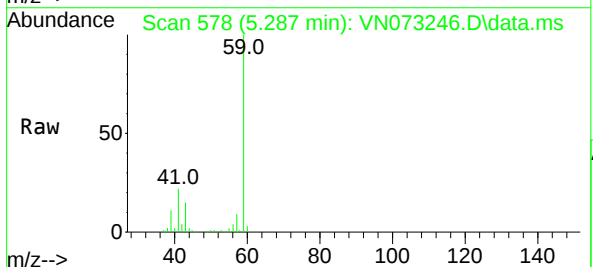
Instrument :
MSVOA_N
ClientSampleId :
TRE-1617

Tgt Ion:168 Resp: 369967
Ion Ratio Lower Upper
168 100
99 59.5 42.3 63.5



#11
Tert butyl alcohol
Concen: 177.725 ug/l
RT: 5.287 min Scan# 578
Delta R.T. 0.006 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

Tgt Ion: 59 Resp: 229941
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

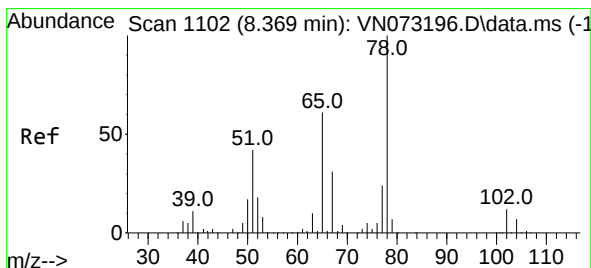
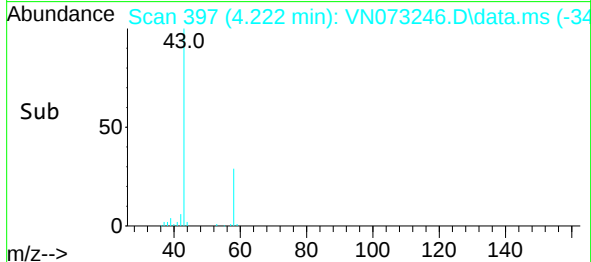
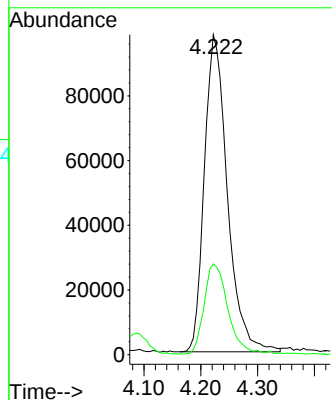
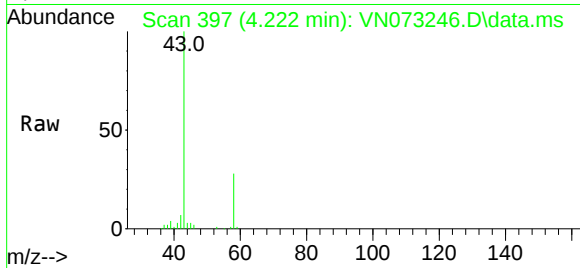




#16
Acetone
Concen: 92.006 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

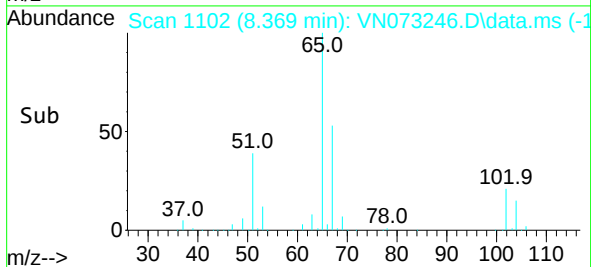
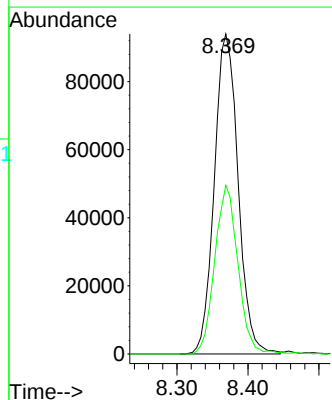
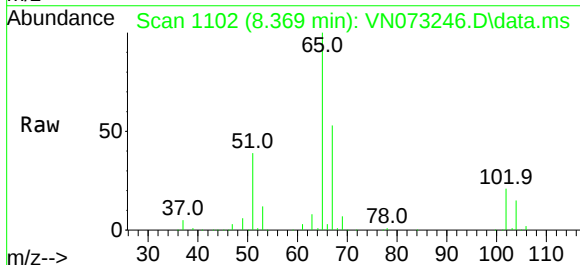
Instrument :
MSVOA_N
ClientSampleId :
TRE-1617

Tgt Ion: 43 Resp: 275828
Ion Ratio Lower Upper
43 100
58 28.4 26.0 39.0



#33
1,2-Dichloroethane-d4
Concen: 40.829 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

Tgt Ion: 65 Resp: 218064
Ion Ratio Lower Upper
65 100
67 51.2 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: VN073246.D

Acq: 29 Jun 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

TRE-1617

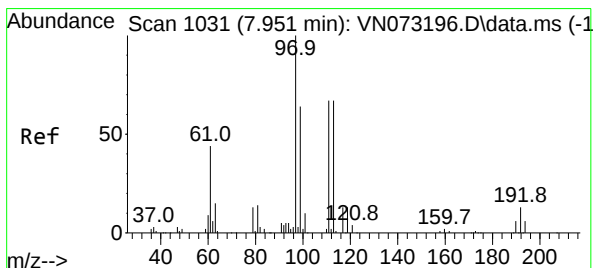
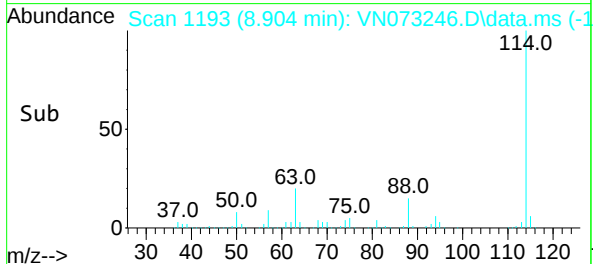
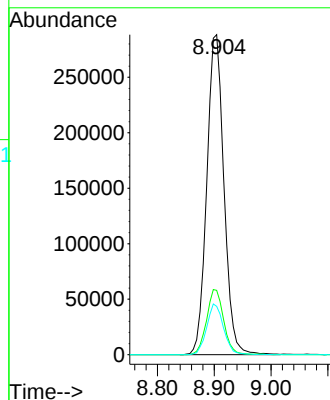
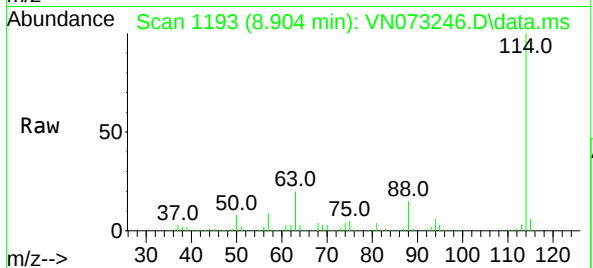
Tgt Ion:114 Resp: 603600

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.101 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073246.D

Acq: 29 Jun 2022 16:29

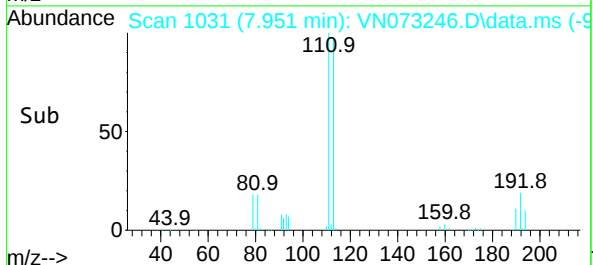
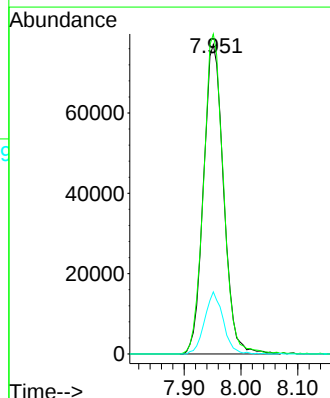
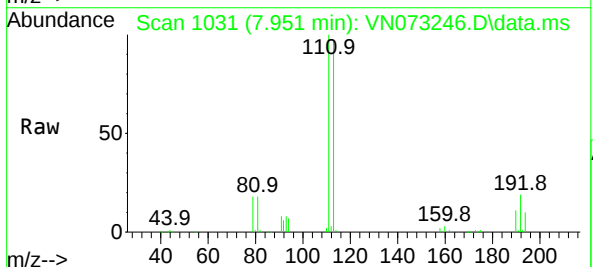
Tgt Ion:113 Resp: 189150

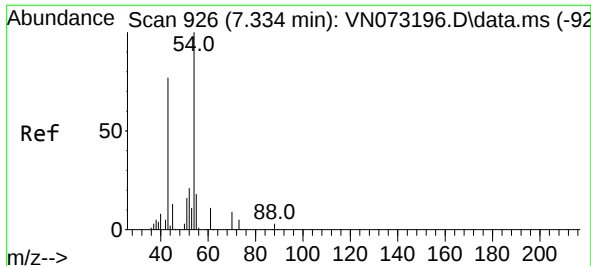
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 18.5 17.0 25.6

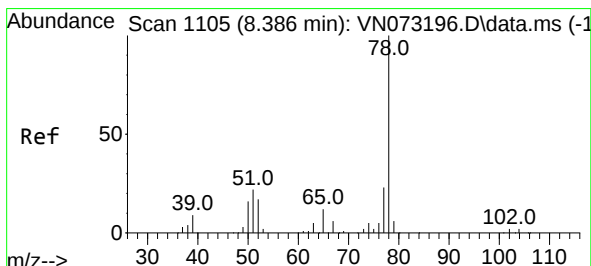
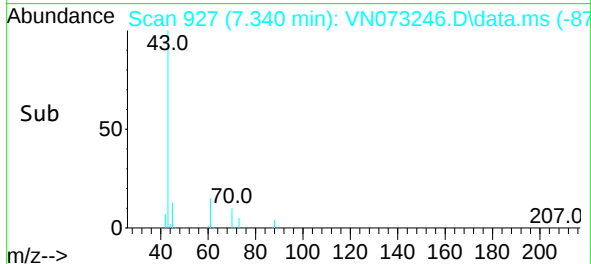
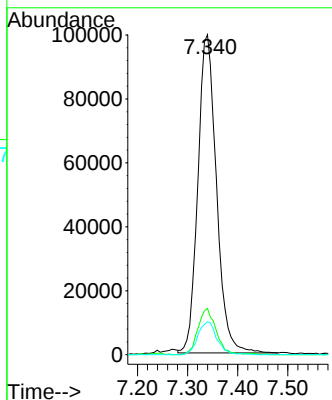
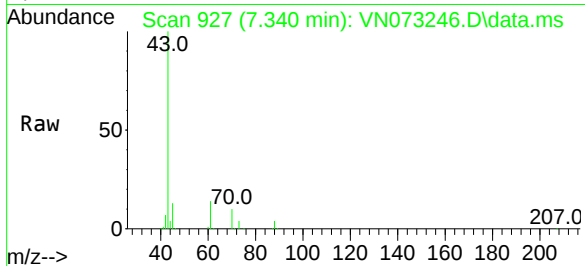




#37
Ethyl Acetate
Concen: 27.439 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

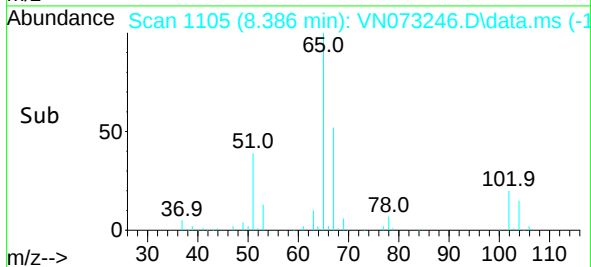
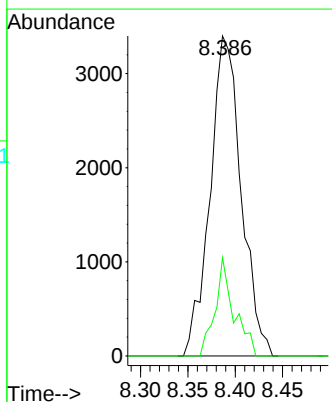
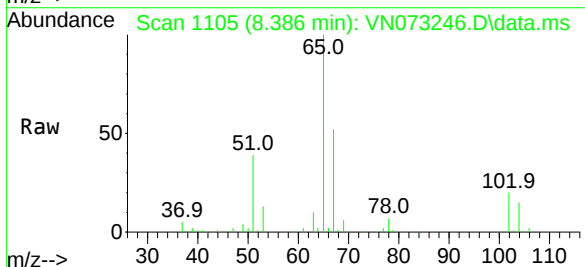
Instrument :
MSVOA_N
ClientSampleId :
TRE-1617

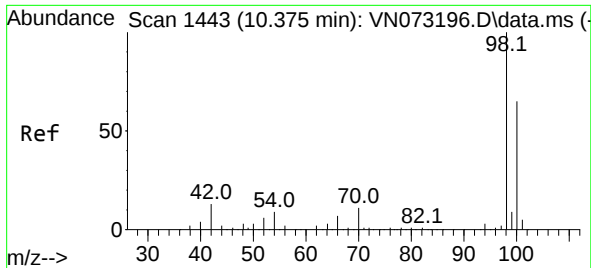
Tgt Ion: 43 Resp: 256191
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.6
70 10.6 9.3 13.9



#40
Benzene
Concen: 0.408 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

Tgt Ion: 78 Resp: 7778
Ion Ratio Lower Upper
78 100
77 30.7 19.4 29.0#

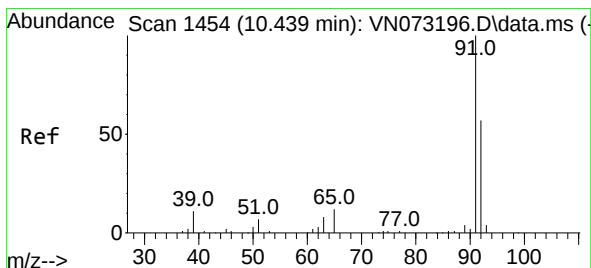
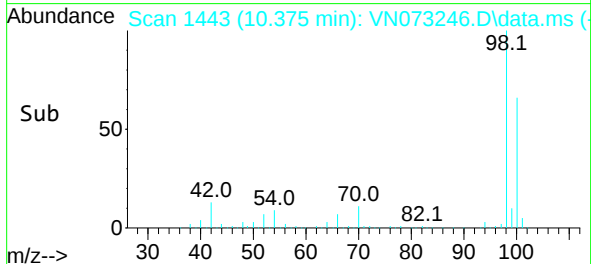
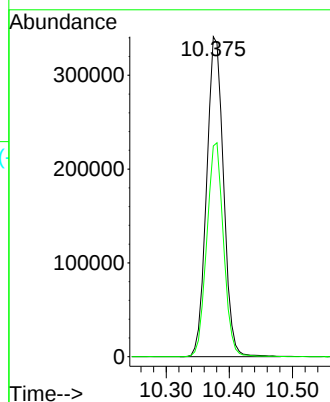
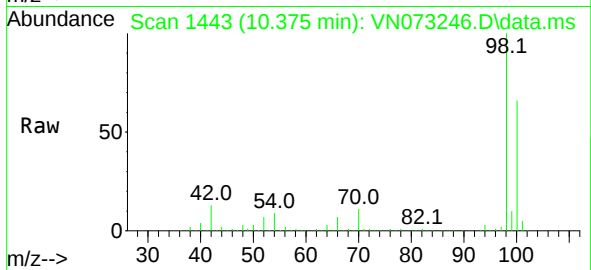




#50
Toluene-d8
Concen: 44.405 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

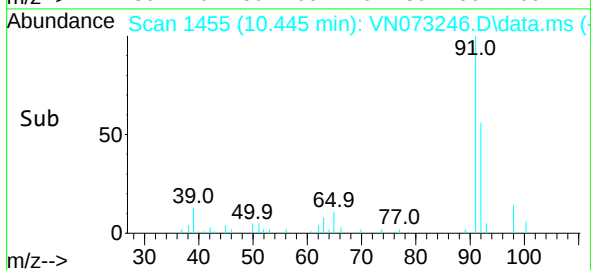
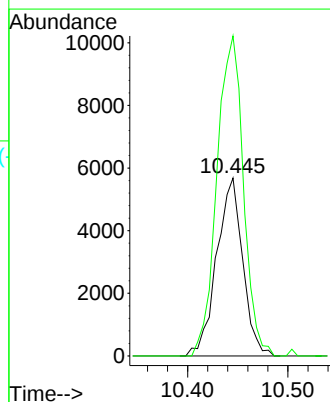
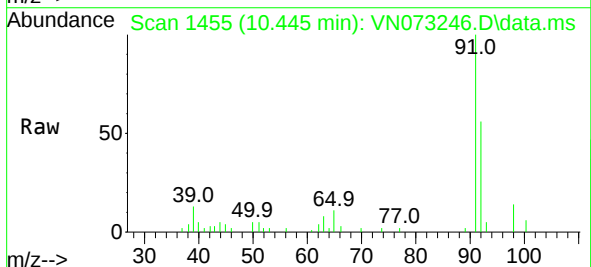
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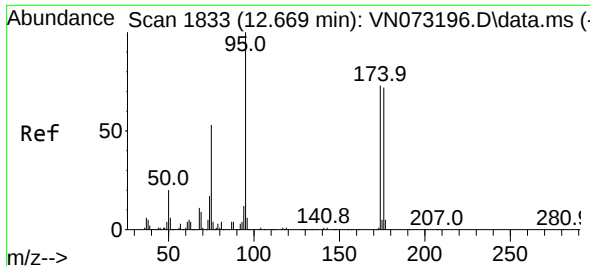
Tgt Ion: 98 Resp: 633340
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#52
Toluene
Concen: 0.868 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

Tgt Ion: 92 Resp: 10228
Ion Ratio Lower Upper
92 100
91 183.1 138.6 207.8

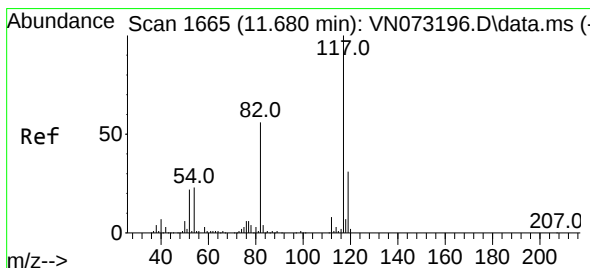
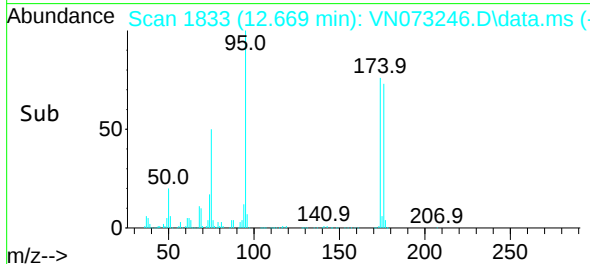
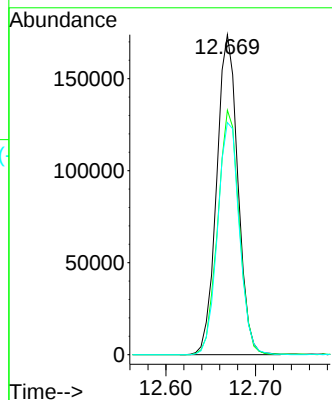
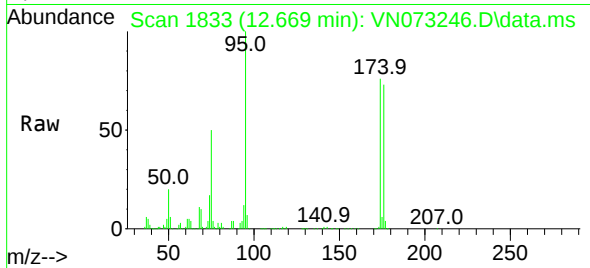




#62
4-Bromofluorobenzene
Concen: 52.146 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

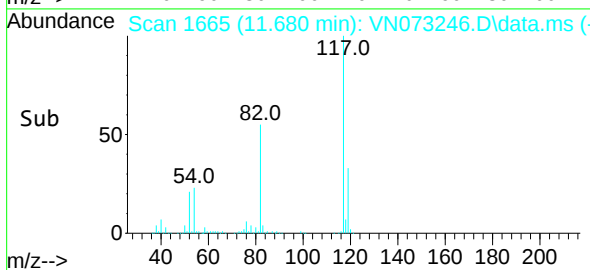
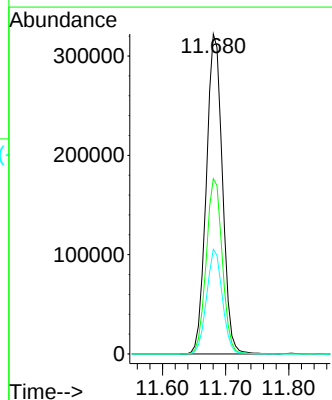
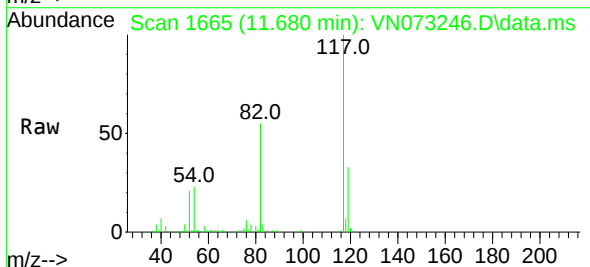
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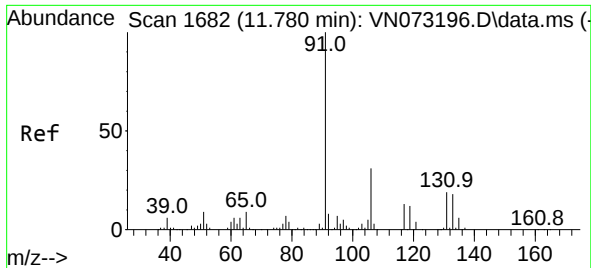
Tgt Ion: 95 Resp: 285819
Ion Ratio Lower Upper
95 100
174 77.1 0.0 167.6
176 74.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

Tgt Ion: 117 Resp: 569201
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.7 25.4 38.0

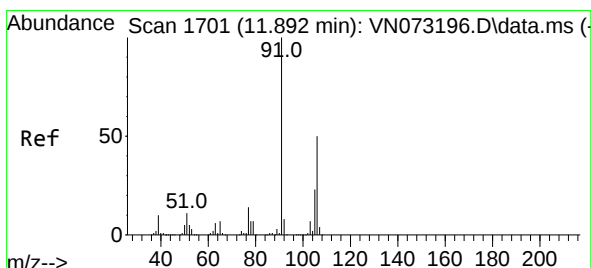
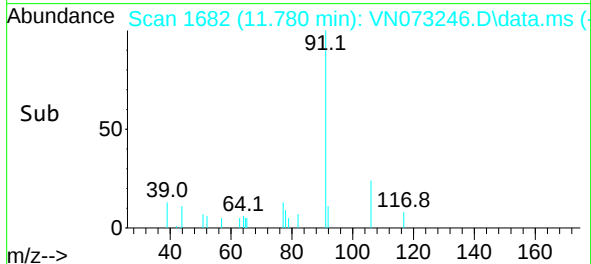
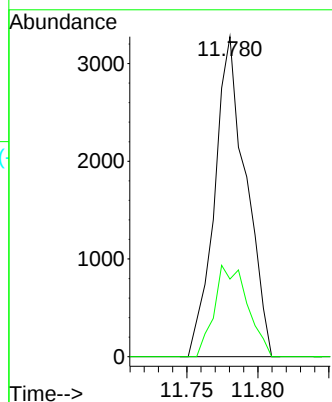
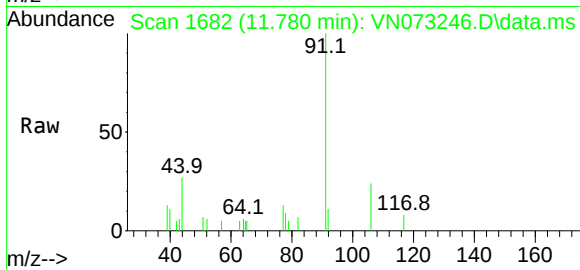




#67
Ethyl Benzene
Concen: 0.215 ug/l
RT: 11.780 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

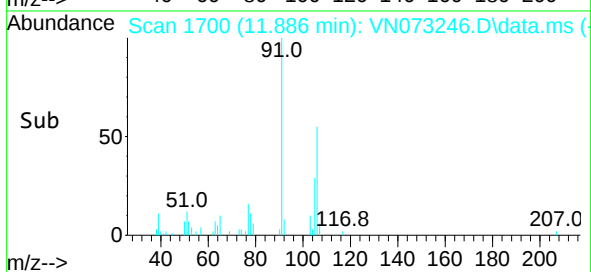
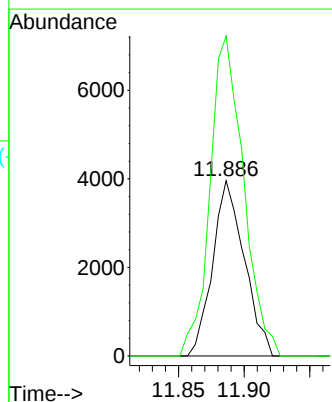
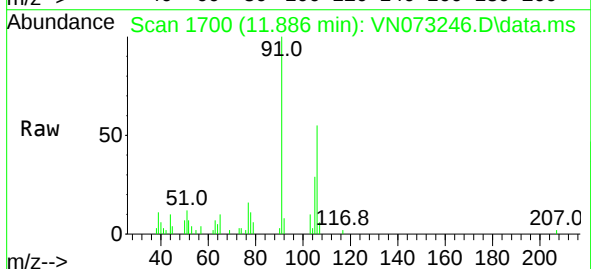
Instrument :
MSVOA_N
ClientSampleId :
TRE-1617

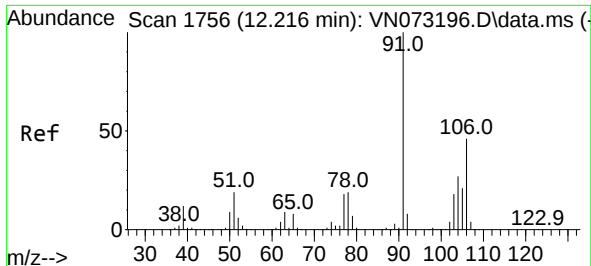
Tgt Ion: 91 Resp: 5034
Ion Ratio Lower Upper
91 100
106 24.3 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.753 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

Tgt Ion:106 Resp: 6645
Ion Ratio Lower Upper
106 100
91 192.9 158.9 238.3

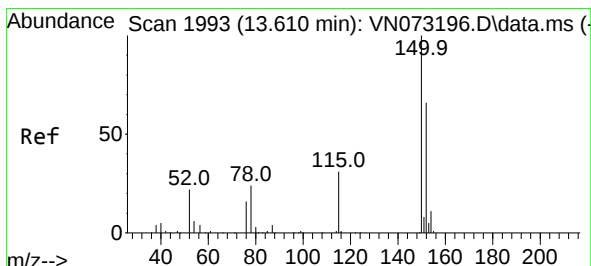
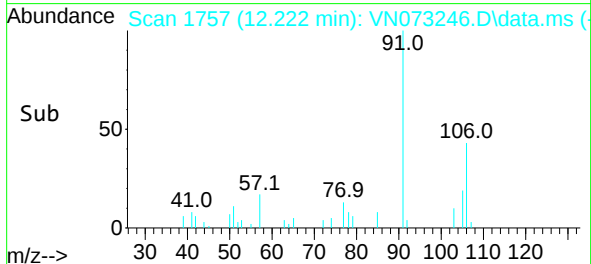
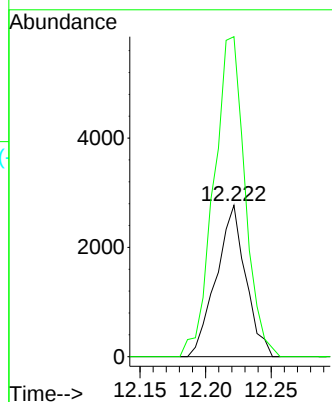
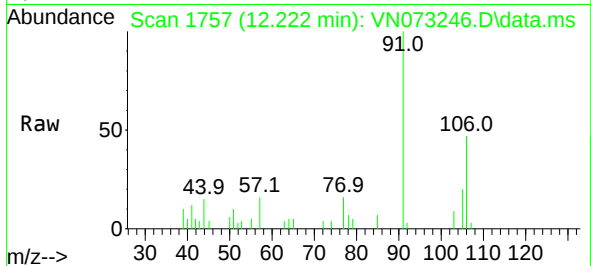




#69
o-Xylene
Concen: 0.481 ug/l
RT: 12.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

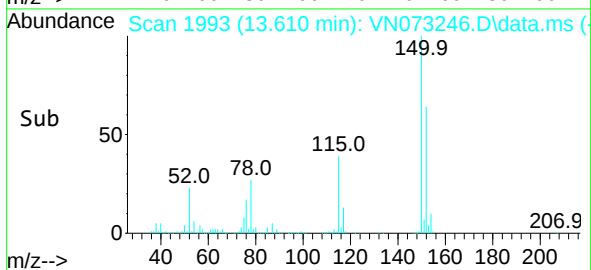
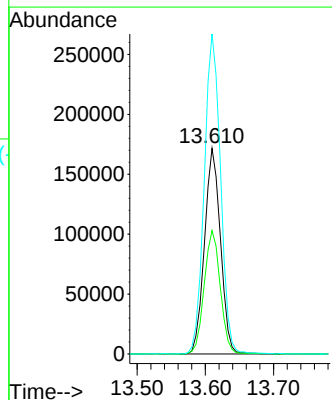
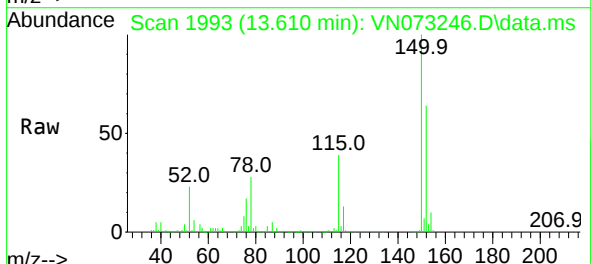
Instrument :
MSVOA_N
ClientSampleId :
TRE-1617

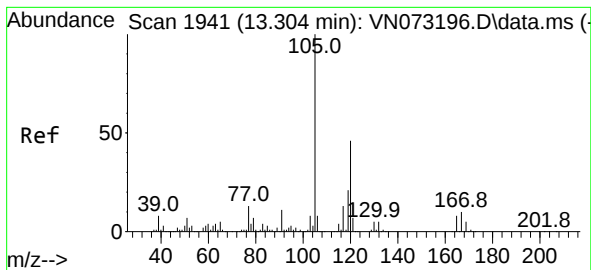
Tgt Ion:106 Resp: 4335
Ion Ratio Lower Upper
106 100
91 223.6 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073246.D
Acq: 29 Jun 2022 16:29

Tgt Ion:152 Resp: 279734
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.7
150 158.6 0.0 356.2





#84

1,2,4-Trimethylbenzene

Concen: 0.466 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073246.D

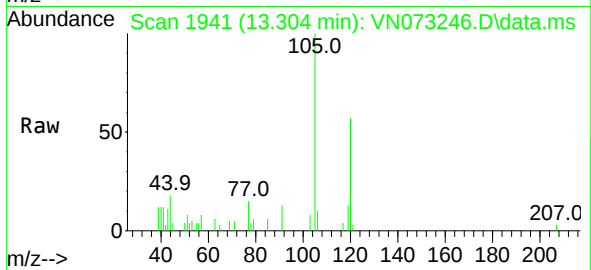
Acq: 29 Jun 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

TRE-1617



Tgt Ion:105 Resp: 9170

Ion Ratio Lower Upper

105 100

120 43.1 23.3 69.8

