

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073289.D
 Acq On : 01 Jul 2022 11:56
 Operator : JC\MD
 Sample : N3524-05 10X
 Misc : 5.08g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31494

Quant Time: Jul 01 16:16:34 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	313311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	523612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	495729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	258855	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	193219	42.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.440%
35) Dibromofluoromethane	7.951	113	162818	46.738	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.480%
50) Toluene-d8	10.381	98	546314	44.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.300%
62) 4-Bromofluorobenzene	12.669	95	259031	54.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.960%

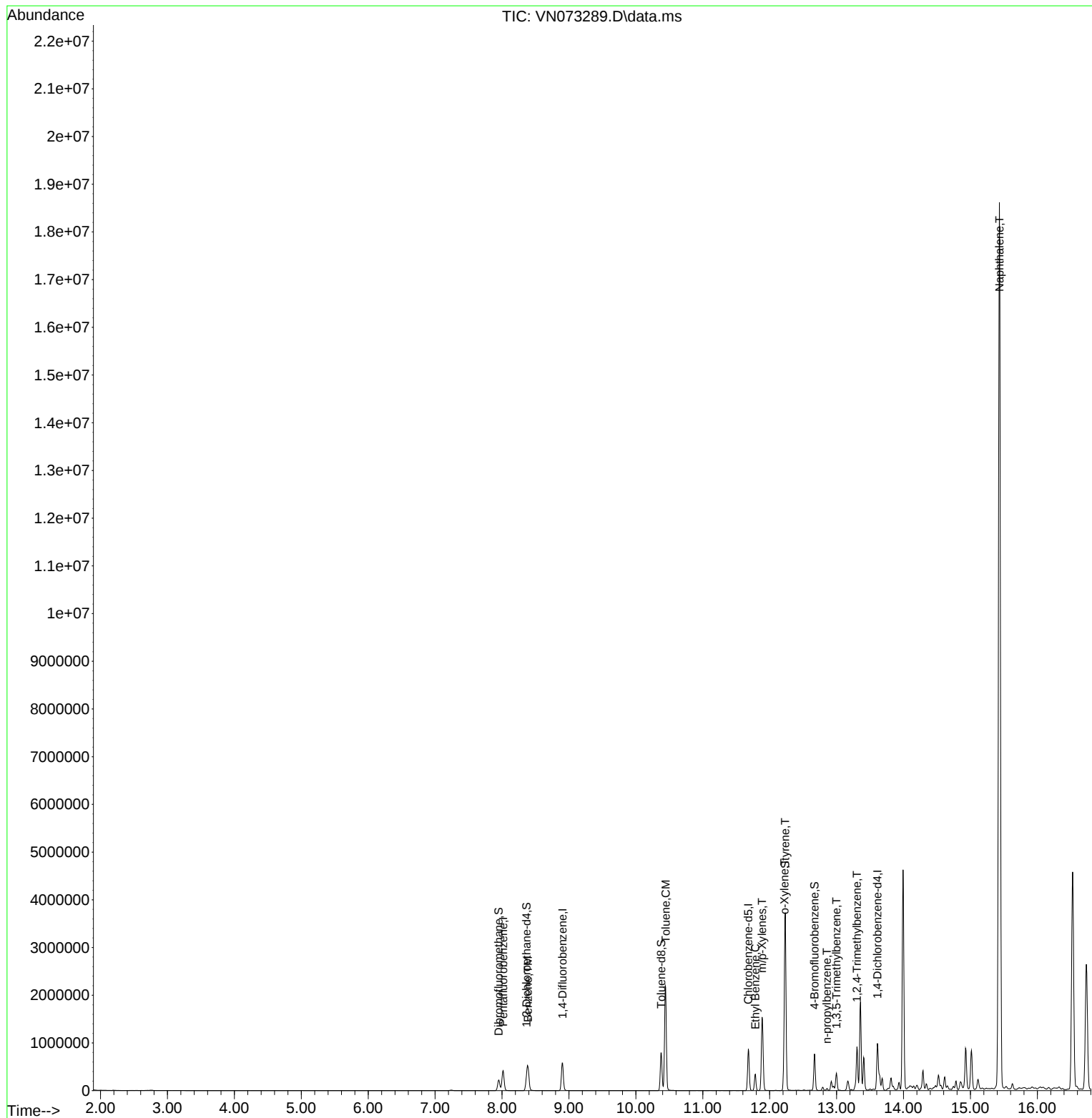
Target Compounds						Qvalue
40) Benzene	8.387	78	417849	25.259	ug/l	97
52) Toluene	10.445	92	970202	94.900	ug/l	99
67) Ethyl Benzene	11.786	91	246737	12.122	ug/l	99
68) m/p-Xylenes	11.886	106	478024	62.229	ug/l	94
69) o-Xylene	12.222	106	207309	26.436	ug/l	98
70) Styrene	12.233	104	1677455	138.549	ug/l	93
78) n-propylbenzene	12.857	91	31140	1.254	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	167194	9.177	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	506516	27.845	ug/l	99
95) Naphthalene	15.433	128	16248833	814.467	ug/l	98

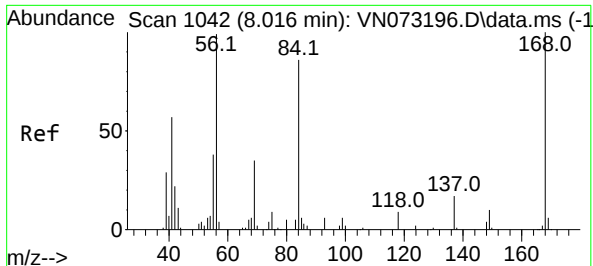
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
Data File : VN073289.D
Acq On : 01 Jul 2022 11:56
Operator : JC\MD
Sample : N3524-05 10X
Misc : 5.08g/10mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31494

Quant Time: Jul 01 16:16:34 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

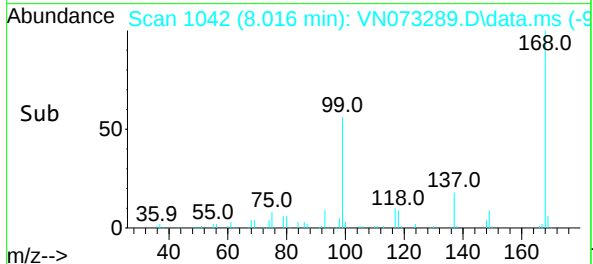
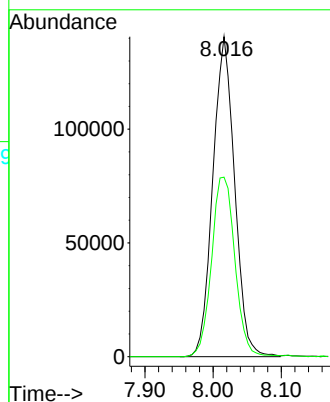
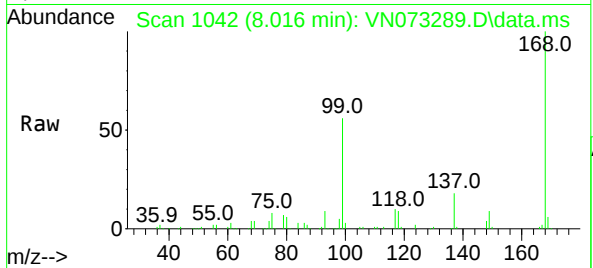




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

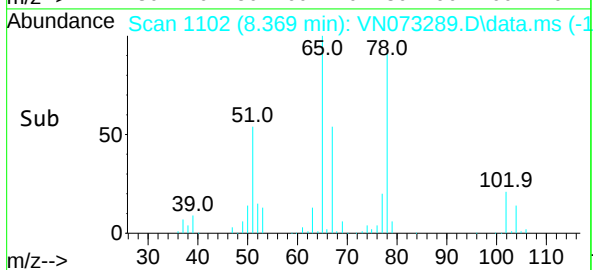
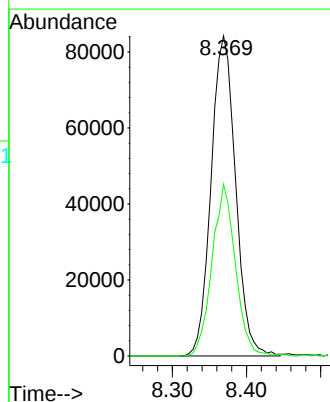
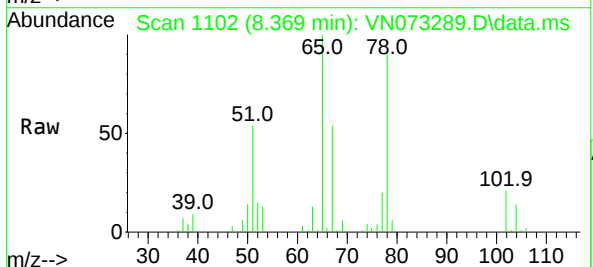
Instrument :
MSVOA_N
ClientSampleId :
31494

Tgt Ion:168 Resp: 313311
Ion Ratio Lower Upper
168 100
99 56.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.719 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

Tgt Ion: 65 Resp: 193219
Ion Ratio Lower Upper
65 100
67 51.3 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: VN073289.D

Acq: 01 Jul 2022 11:56

Instrument :

MSVOA_N

ClientSampleId :

31494

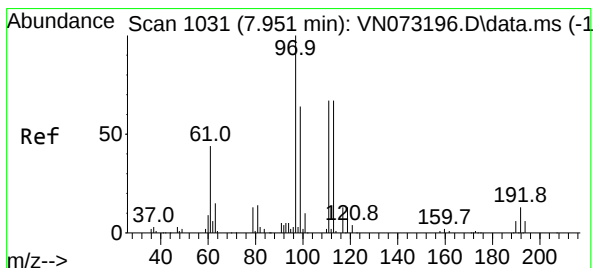
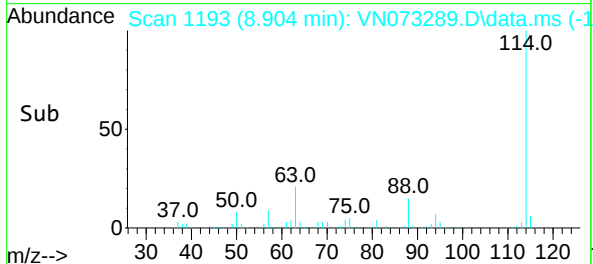
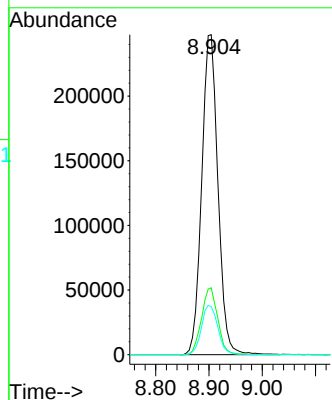
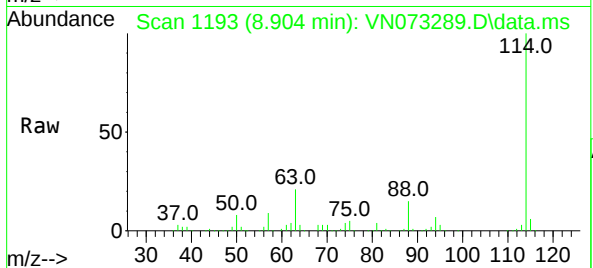
Tgt Ion:114 Resp: 523612

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.738 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073289.D

Acq: 01 Jul 2022 11:56

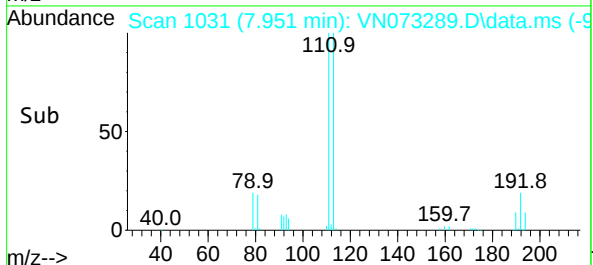
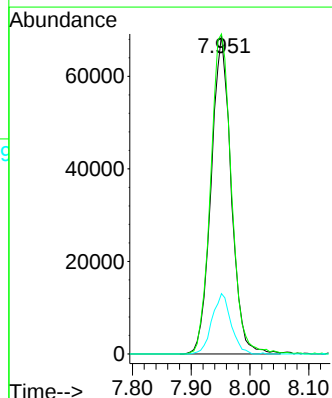
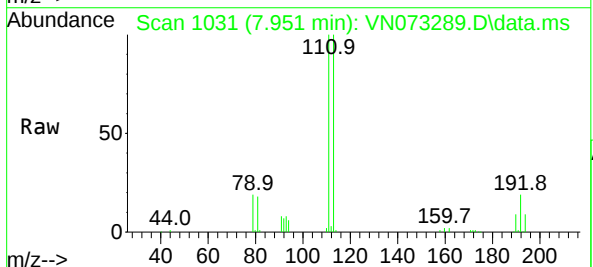
Tgt Ion:113 Resp: 162818

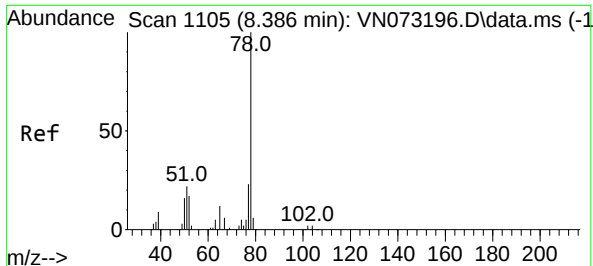
Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 17.9 17.0 25.6

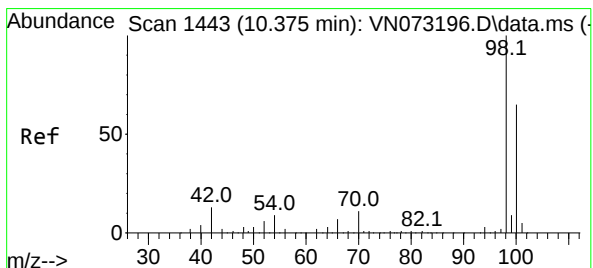
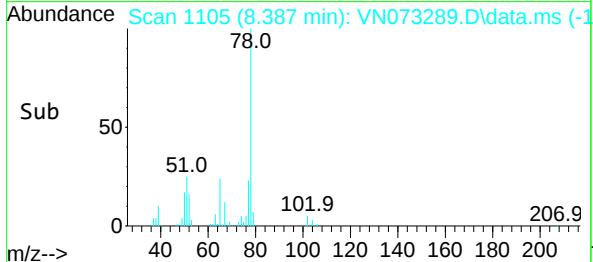
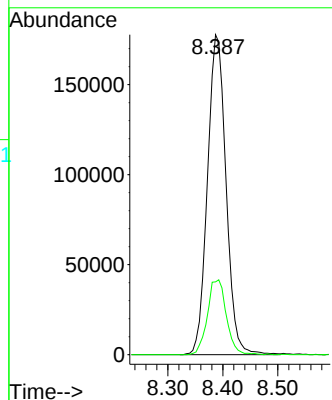
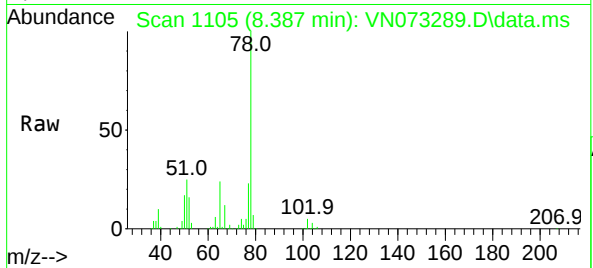




#40
Benzene
Concen: 25.259 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

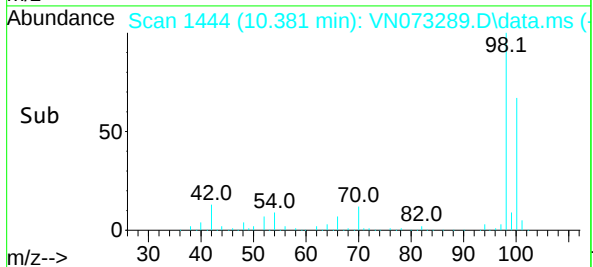
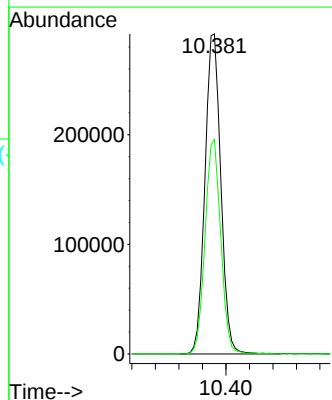
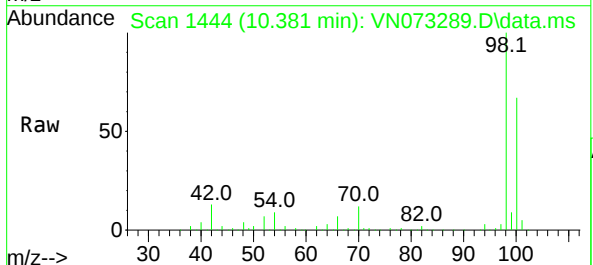
Instrument :
MSVOA_N
ClientSampleId :
31494

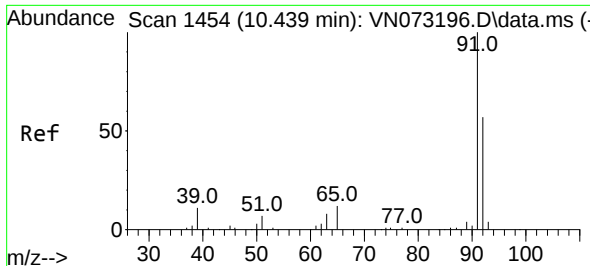
Tgt Ion: 78 Resp: 417849
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.0



#50
Toluene-d8
Concen: 44.154 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

Tgt Ion: 98 Resp: 546314
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

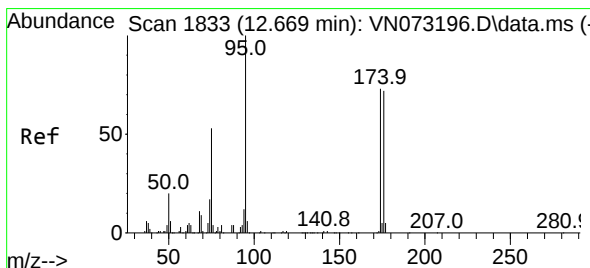
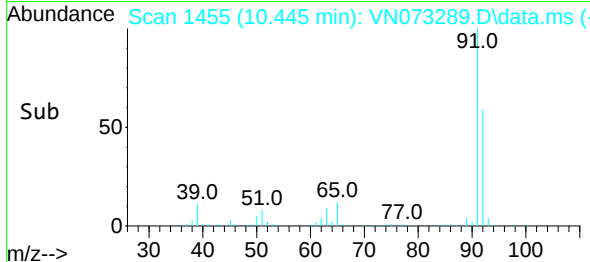
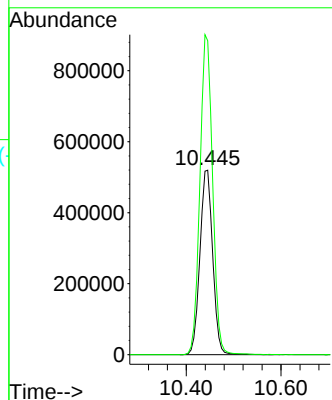
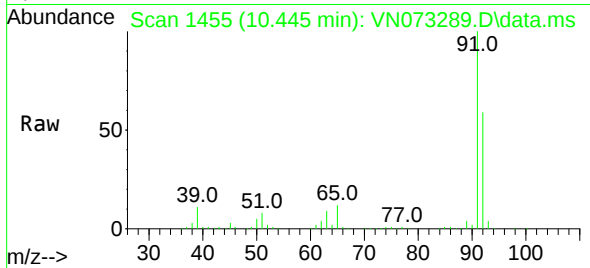




#52
Toluene
Concen: 94.900 ug/l
RT: 10.445 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

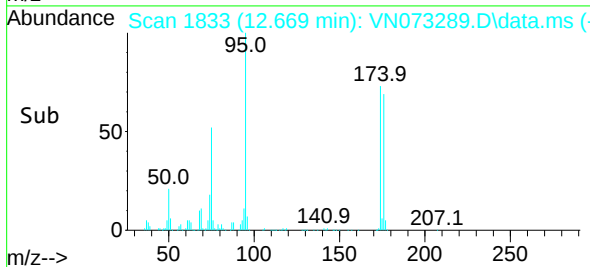
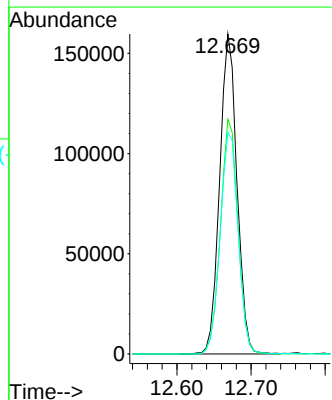
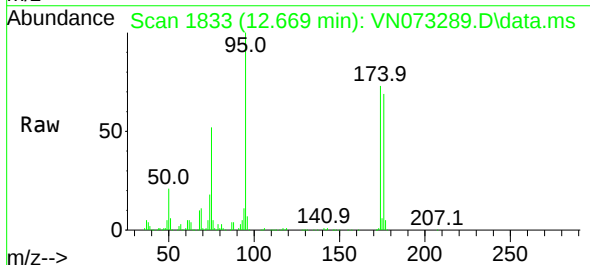
Instrument :
MSVOA_N
ClientSampleId :
31494

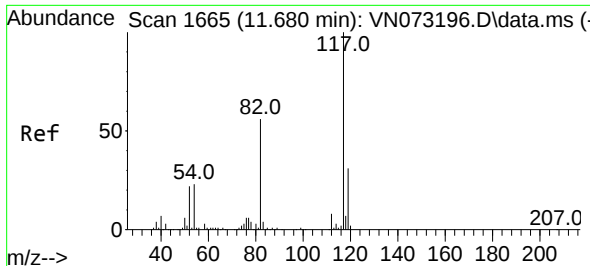
Tgt Ion: 92 Resp: 970202
Ion Ratio Lower Upper
92 100
91 172.0 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 54.478 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

Tgt Ion: 95 Resp: 259031
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 71.9 0.0 163.4

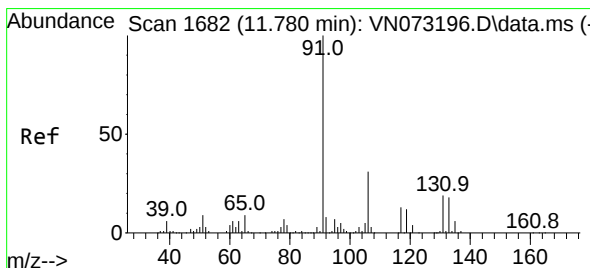
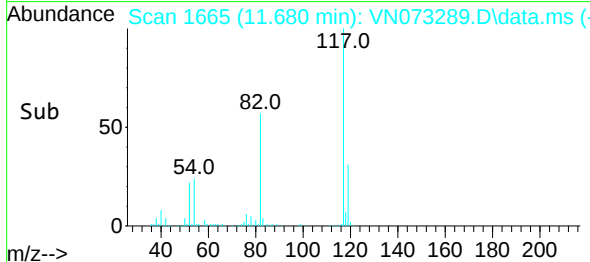
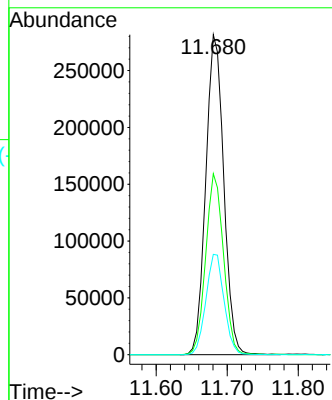
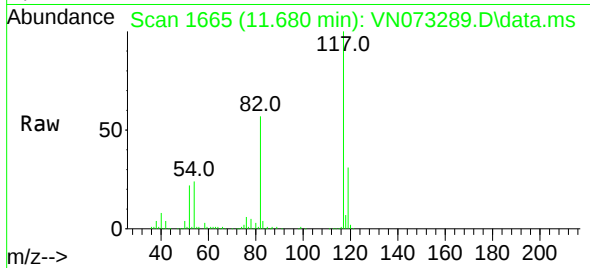




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

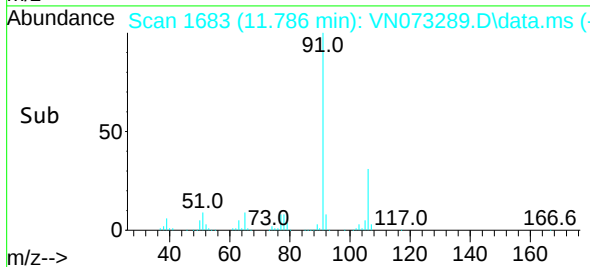
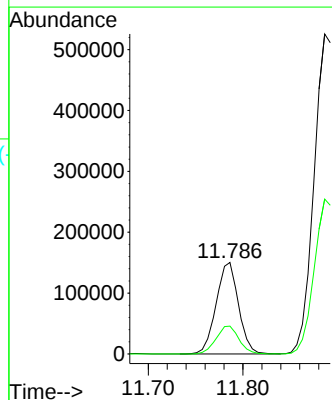
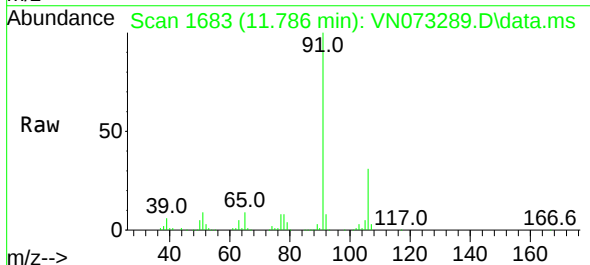
Instrument :
MSVOA_N
ClientSampleId :
31494

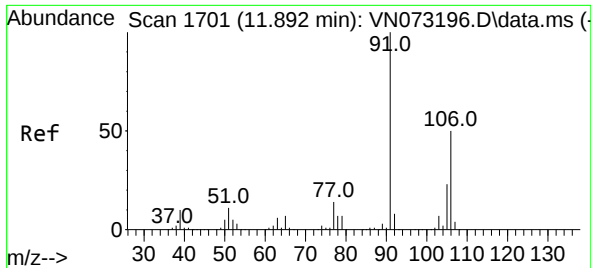
Tgt Ion:117 Resp: 495729
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 31.3 25.4 38.0



#67
Ethyl Benzene
Concen: 12.122 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

Tgt Ion: 91 Resp: 246737
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

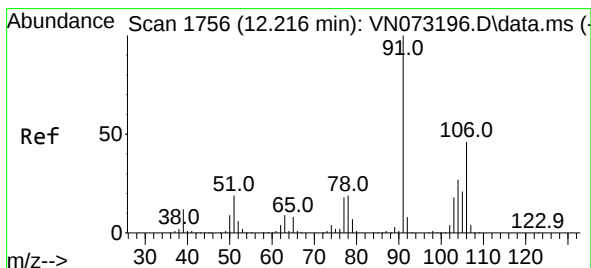
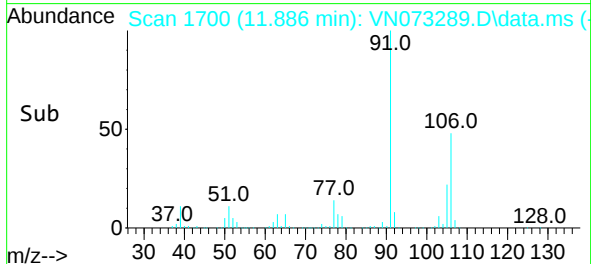
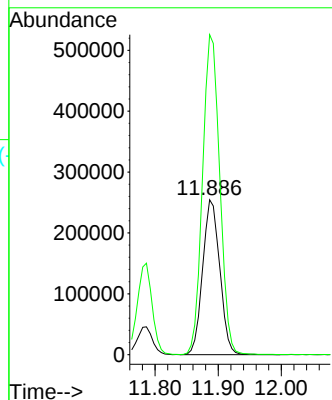
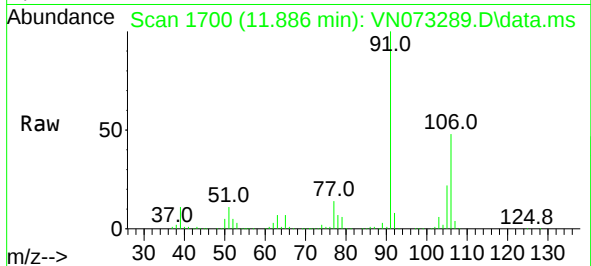




#68
m/p-Xylenes
Concen: 62.229 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

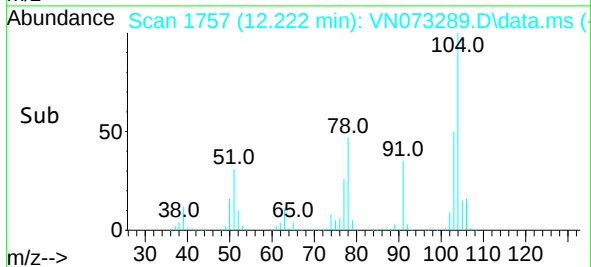
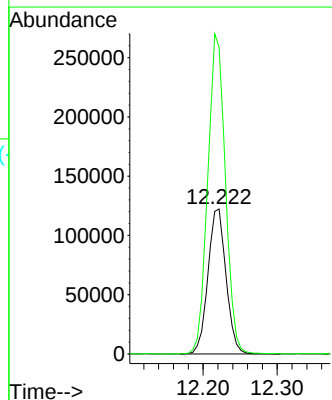
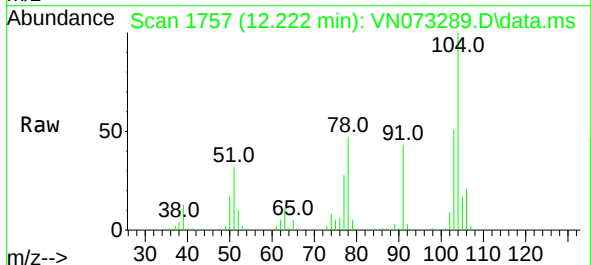
Instrument :
MSVOA_N
ClientSampleId :
31494

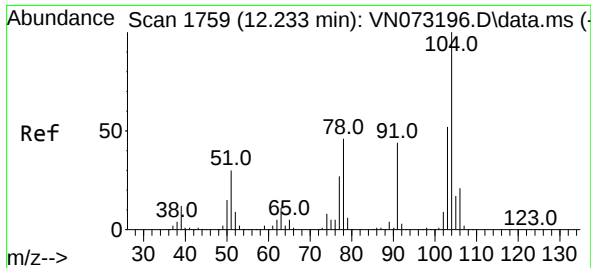
Tgt Ion:106 Resp: 478024
Ion Ratio Lower Upper
106 100
91 207.7 158.9 238.3



#69
o-Xylene
Concen: 26.436 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

Tgt Ion:106 Resp: 207309
Ion Ratio Lower Upper
106 100
91 215.6 106.0 318.0

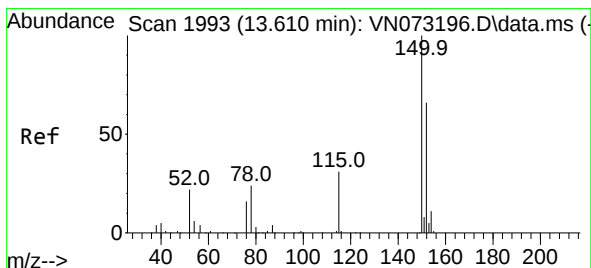
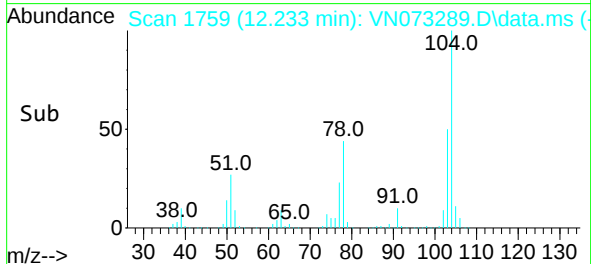
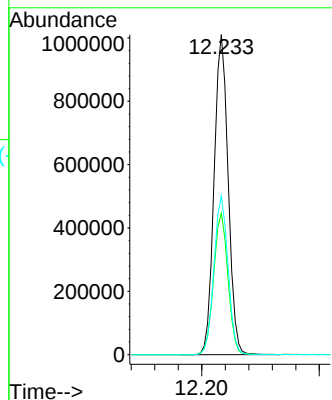
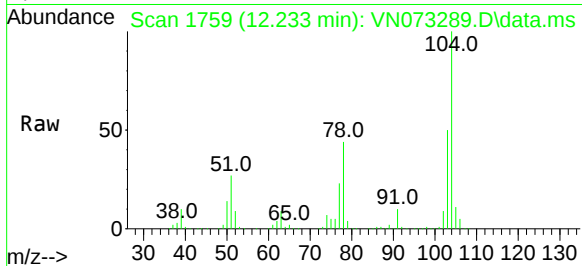




#70
Styrene
Concen: 138.549 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

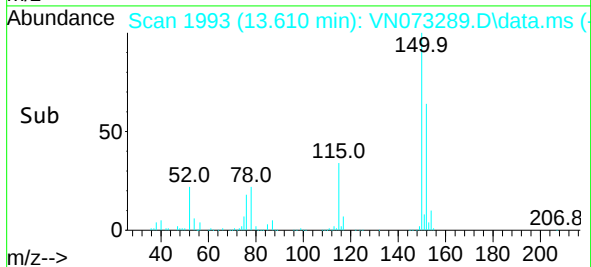
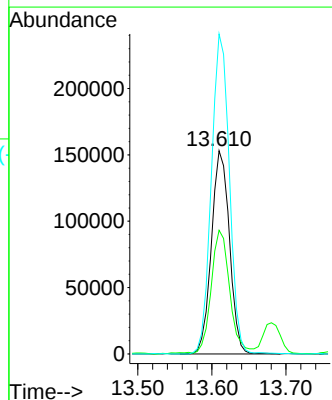
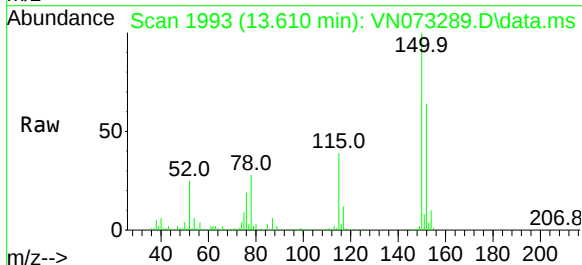
Instrument :
MSVOA_N
ClientSampleId :
31494

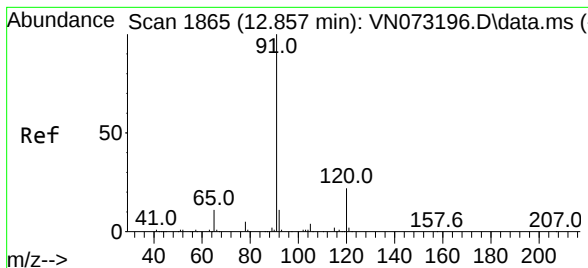
Tgt Ion:104 Resp: 1677455
Ion Ratio Lower Upper
104 100
78 45.1 39.5 59.3
103 49.8 44.0 66.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073289.D
Acq: 01 Jul 2022 11:56

Tgt Ion:152 Resp: 258855
Ion Ratio Lower Upper
152 100
115 62.9 28.9 86.7
150 157.2 0.0 356.2





#78

n-propylbenzene

Concen: 1.254 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073289.D

Acq: 01 Jul 2022 11:56

Instrument :

MSVOA_N

ClientSampleId :

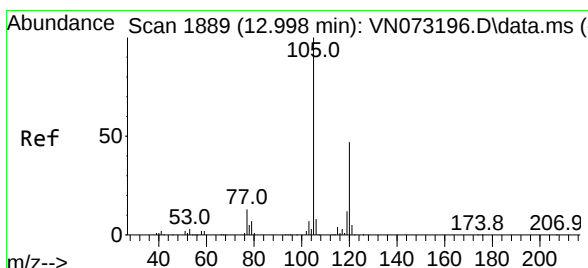
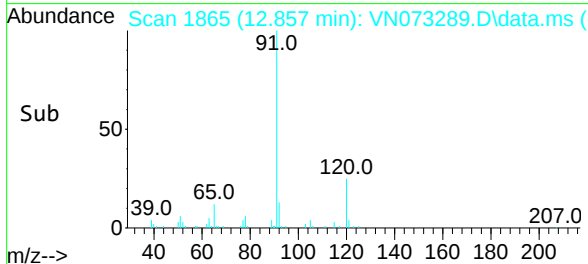
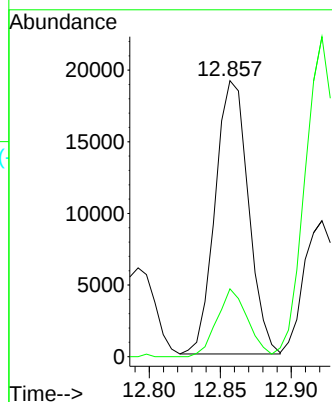
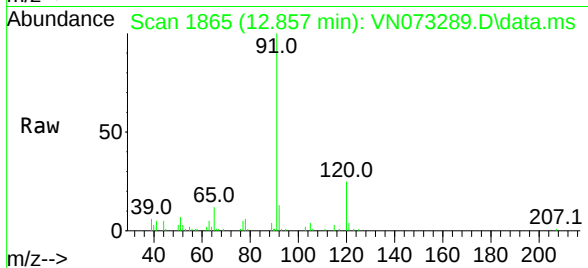
31494

Tgt Ion: 91 Resp: 31140

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 9.177 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073289.D

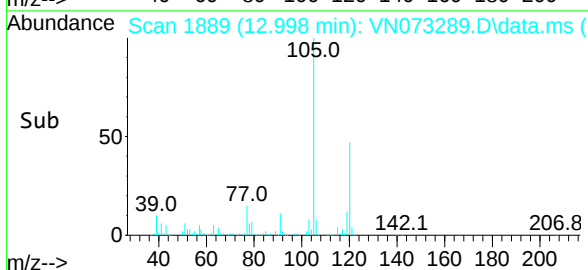
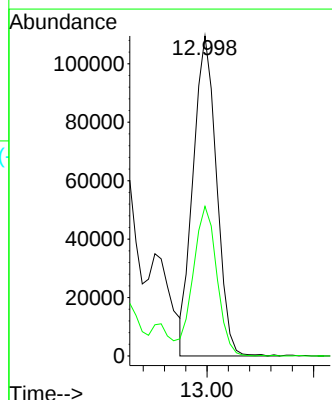
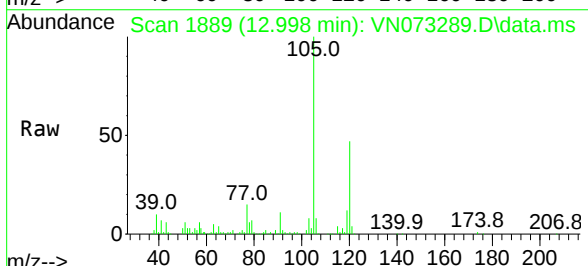
Acq: 01 Jul 2022 11:56

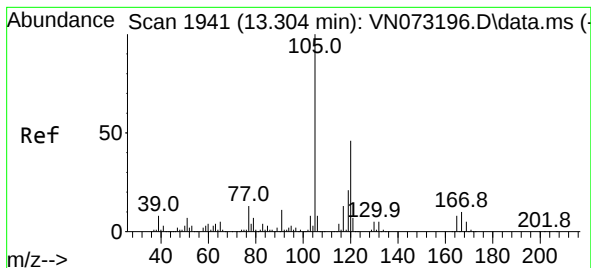
Tgt Ion:105 Resp: 167194

Ion Ratio Lower Upper

105 100

120 48.0 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 27.845 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073289.D

Acq: 01 Jul 2022 11:56

Instrument :

MSVOA_N

ClientSampleId :

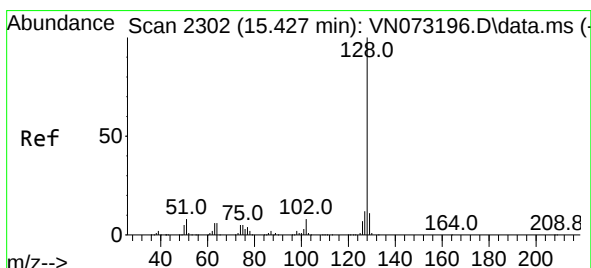
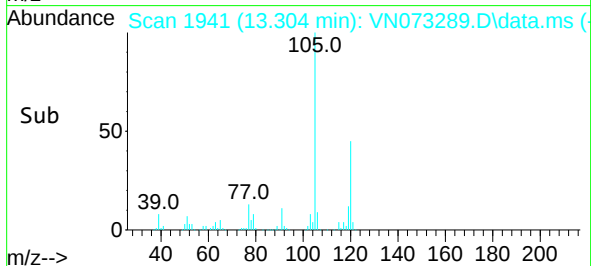
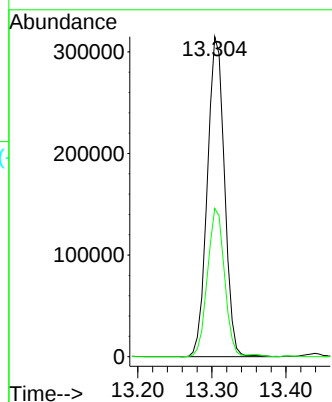
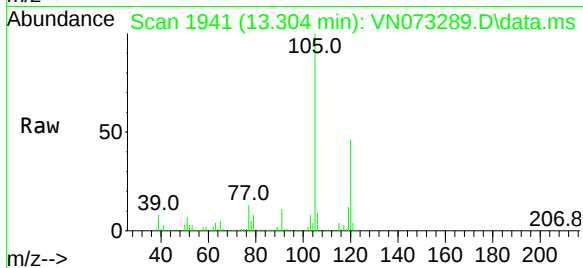
31494

Tgt Ion:105 Resp: 506516

Ion Ratio Lower Upper

105 100

120 46.0 23.3 69.8



#95

Naphthalene

Concen: 814.467 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073289.D

Acq: 01 Jul 2022 11:56

Tgt Ion:128 Resp:16248833

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 11.6 8.6 13.0

