

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
 Data File : VN073449.D
 Acq On : 13 Jul 2022 15:00
 Operator : JC\MD
 Sample : N3619-03
 Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31440

Quant Time: Jul 14 07:03:19 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)

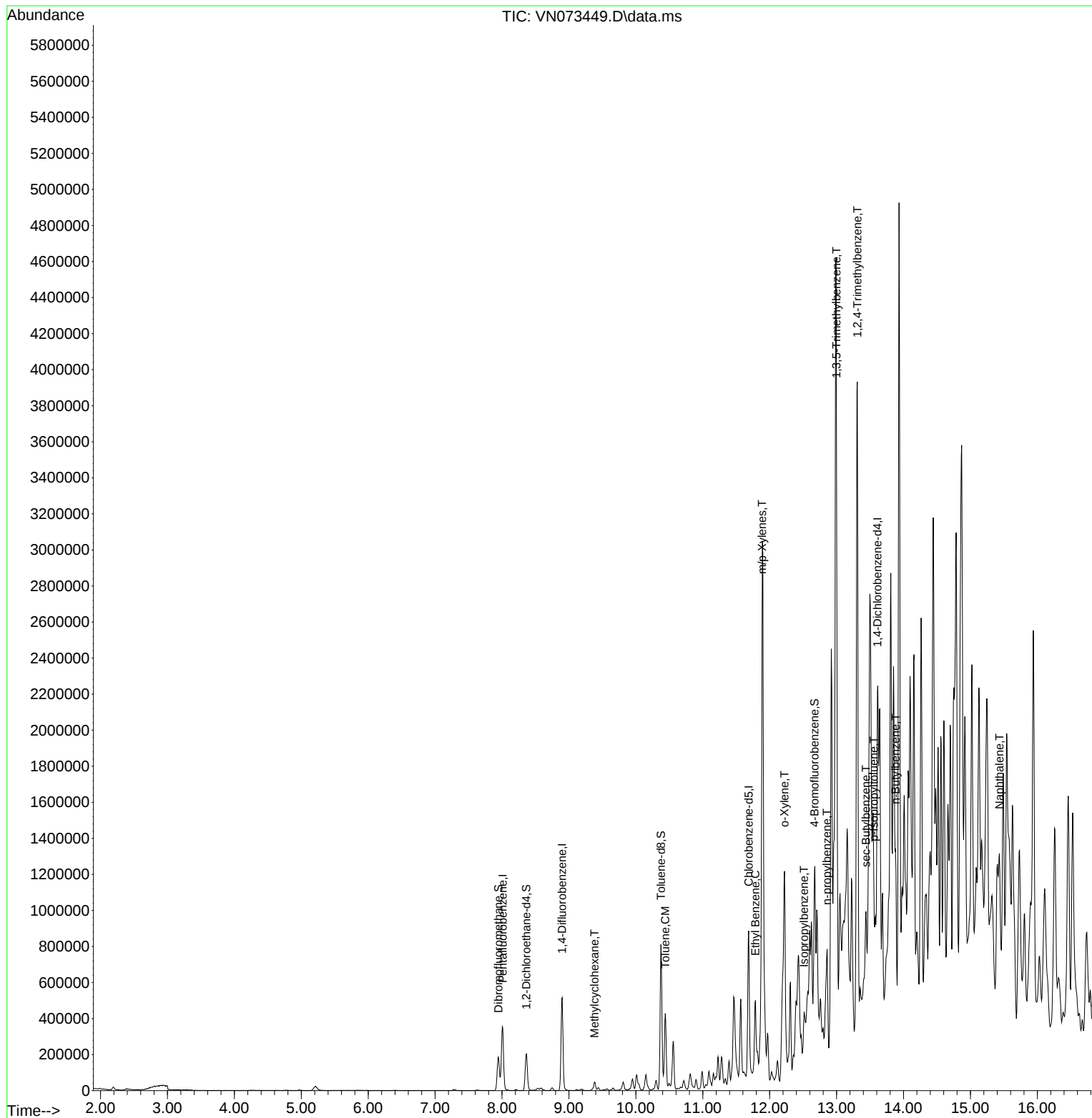
Internal Standards						
1) Pentafluorobenzene	8.010	168	265477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	442761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	468125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	311711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	169699	44.279	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.560%		
35) Dibromofluoromethane	7.945	113	139002	47.187	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.380%		
50) Toluene-d8	10.375	98	503264	48.103	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.200%		
62) 4-Bromofluorobenzene	12.669	95	256474	63.790	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	127.580%#		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.381	83	14574	2.583	ug/l	90
52) Toluene	10.439	92	178979	20.704	ug/l	100
67) Ethyl Benzene	11.786	91	281261	14.633	ug/l	100
68) m/p-Xylenes	11.886	106	541734	74.681	ug/l	95
69) o-Xylene	12.222	106	276062	37.279	ug/l	98
73) Isopropylbenzene	12.516	105	94161	3.498	ug/l	100
78) n-propylbenzene	12.857	91	431427	14.427	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	565566	25.778	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	2064826	94.263	ug/l	97
85) sec-Butylbenzene	13.439	105	223513	8.463	ug/l	86
86) p-Isopropyltoluene	13.557	119	134769	6.317	ug/l	97
89) n-Butylbenzene	13.880	91	551074	30.996	ug/l #	70
95) Naphthalene	15.433	128	328588	13.678	ug/l #	93

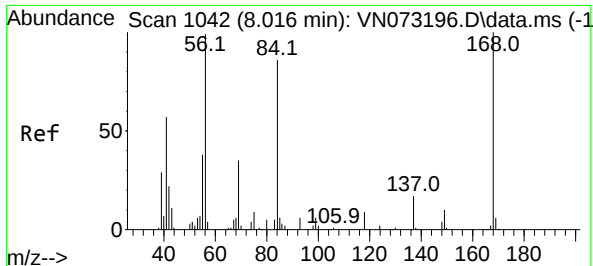
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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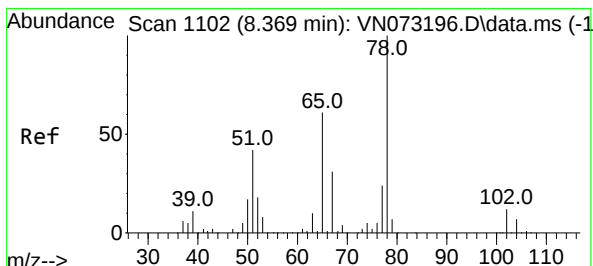
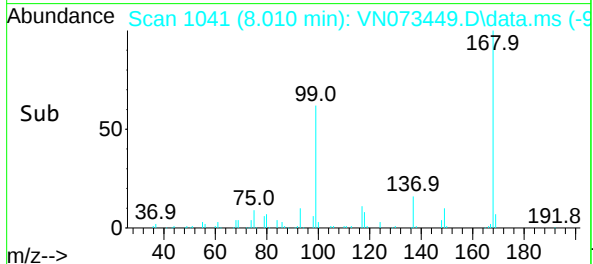
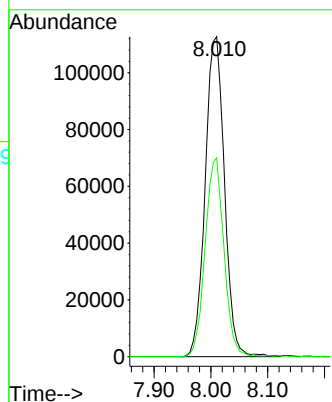
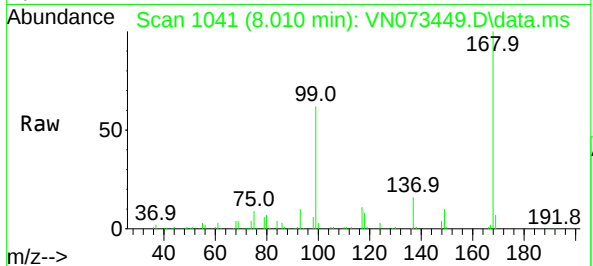




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073449.D
Acq: 13 Jul 2022 15:00

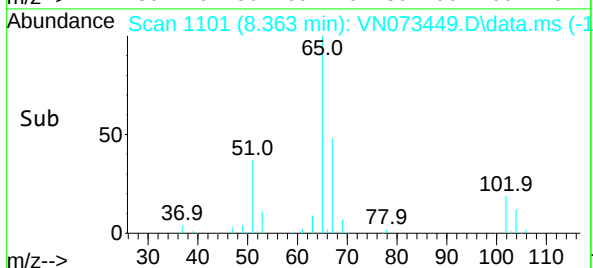
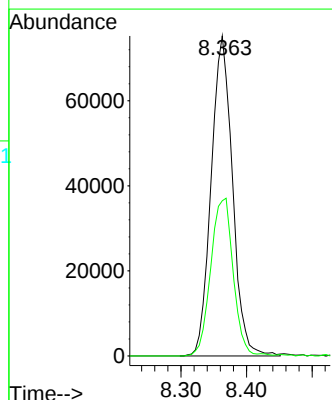
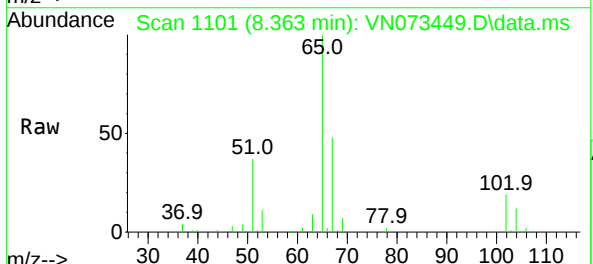
Instrument :
MSVOA_N
ClientSampleId :
31440

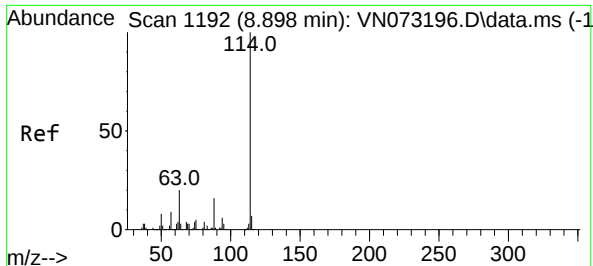
Tgt Ion:168 Resp: 265477
Ion Ratio Lower Upper
168 100
99 62.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.279 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073449.D
Acq: 13 Jul 2022 15:00

Tgt Ion: 65 Resp: 169699
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

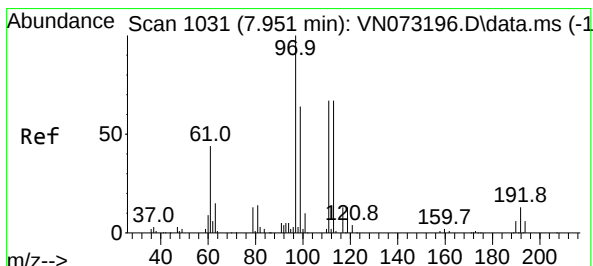
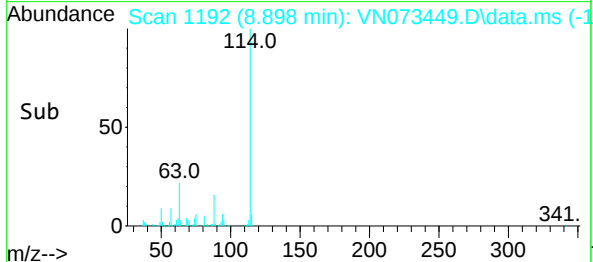
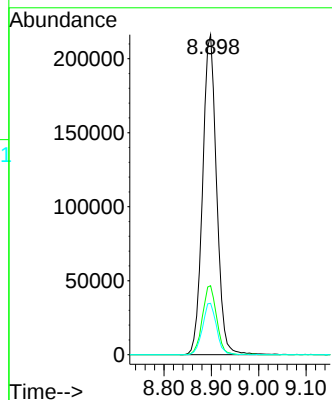
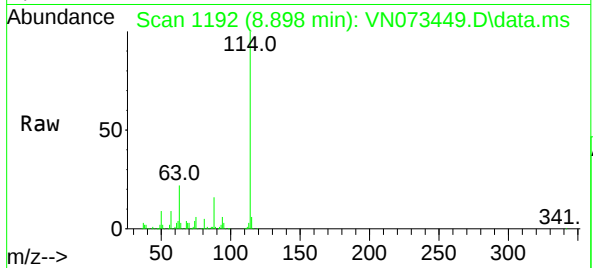




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073449.D
Acq: 13 Jul 2022 15:00

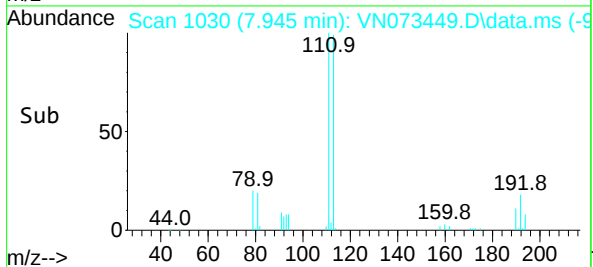
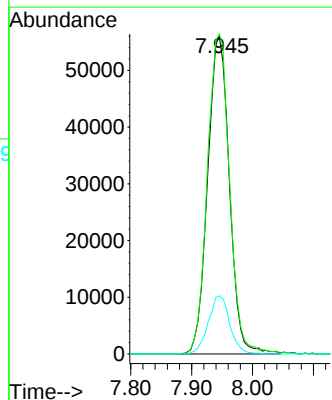
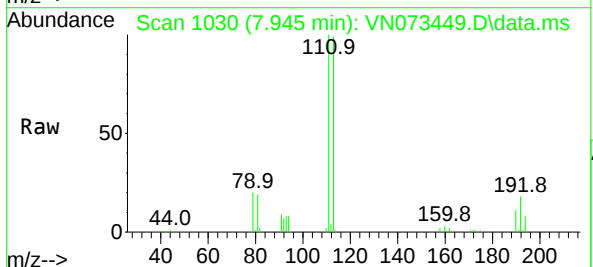
Instrument :
MSVOA_N
ClientSampleId :
31440

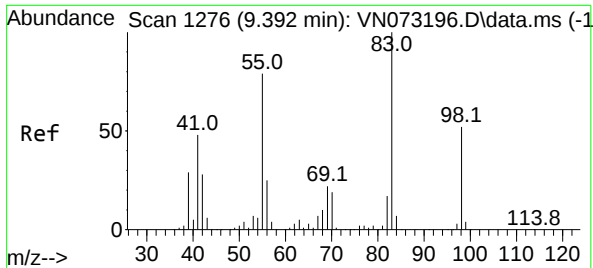
Tgt Ion:114 Resp: 442761
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.187 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073449.D
Acq: 13 Jul 2022 15:00

Tgt Ion:113 Resp: 139002
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 18.0 17.0 25.6

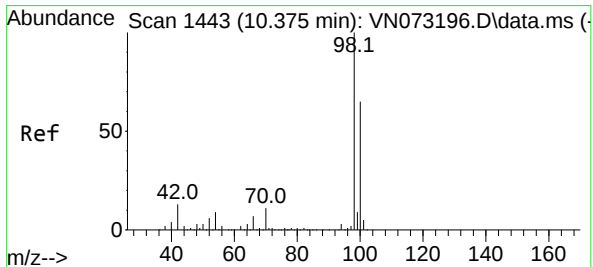
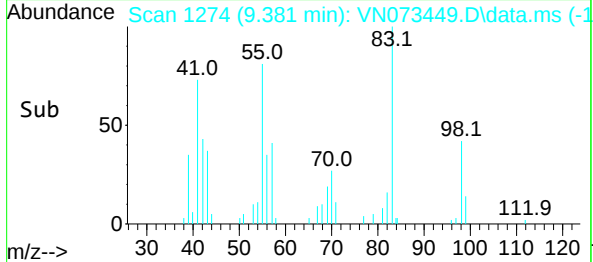
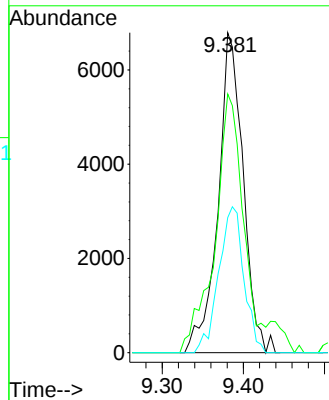
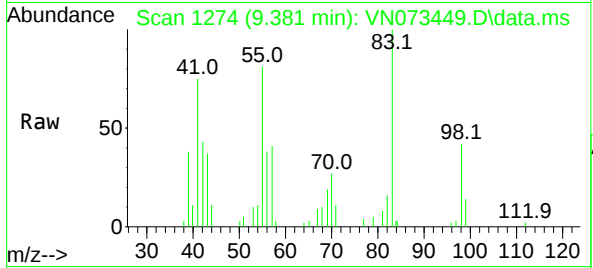




#39
Methylcyclohexane
Concen: 2.583 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN073449.D
Acq: 13 Jul 2022 15:00

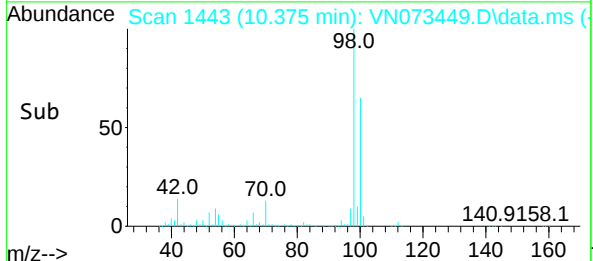
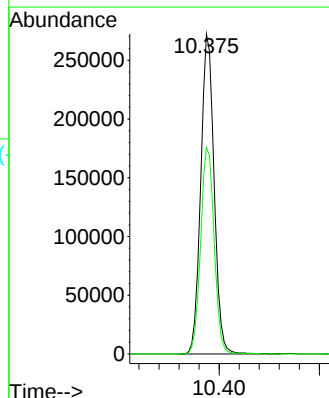
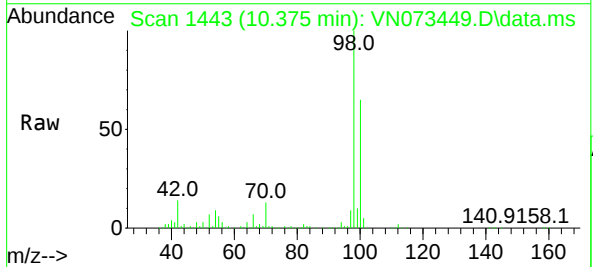
Instrument :
MSVOA_N
ClientSampleId :
31440

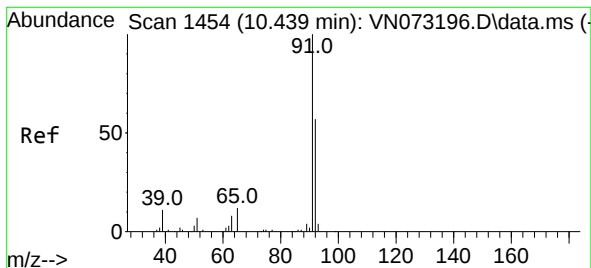
Tgt Ion:	83	Resp:	14574
Ion	Ratio	Lower	Upper
83	100		
55	80.8	57.8	86.8
98	42.2	39.4	59.2



#50
Toluene-d8
Concen: 48.103 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073449.D
Acq: 13 Jul 2022 15:00

Tgt Ion:	98	Resp:	503264
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	78.8





#52

Toluene

Concen: 20.704 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VN073449.D

Acq: 13 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

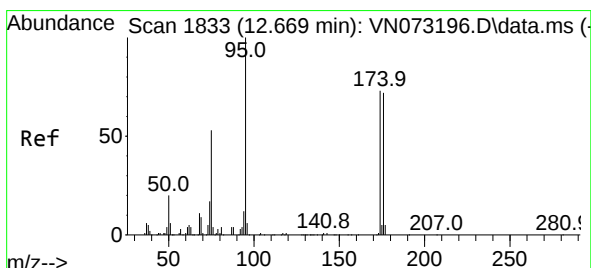
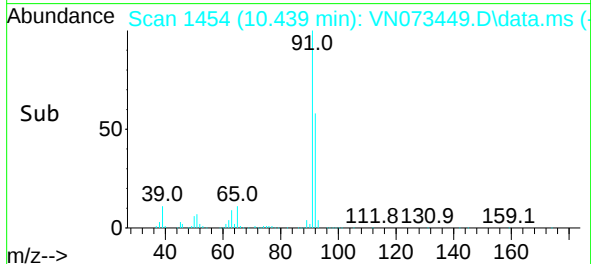
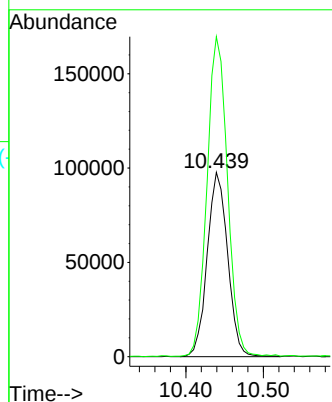
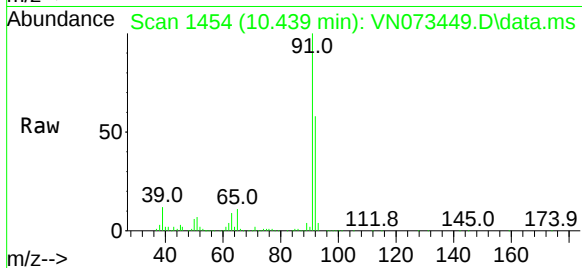
31440

Tgt Ion: 92 Resp: 178979

Ion Ratio Lower Upper

92 100

91 173.0 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 63.790 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN073449.D

Acq: 13 Jul 2022 15:00

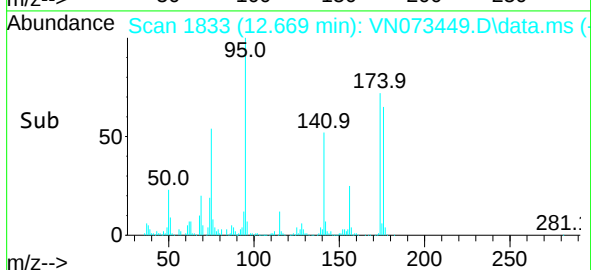
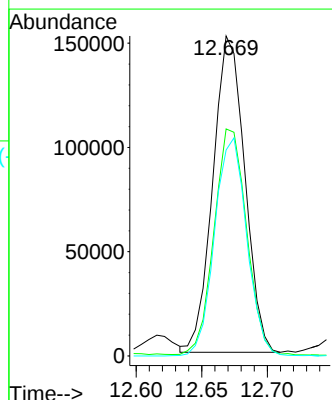
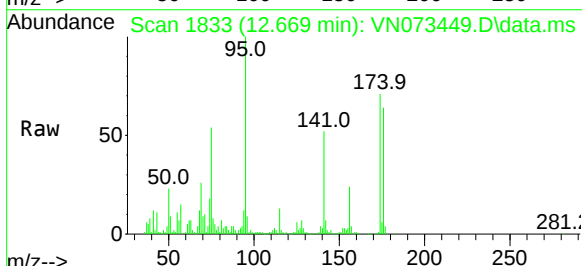
Tgt Ion: 95 Resp: 256474

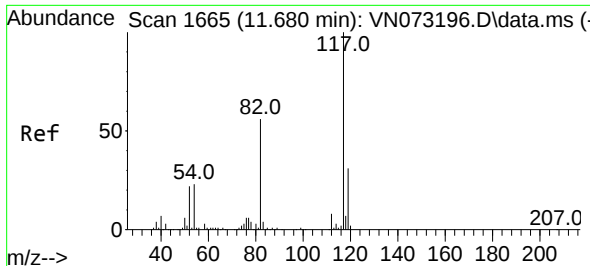
Ion Ratio Lower Upper

95 100

174 73.7 0.0 167.6

176 69.6 0.0 163.4

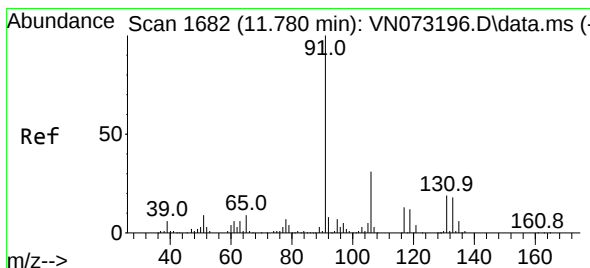
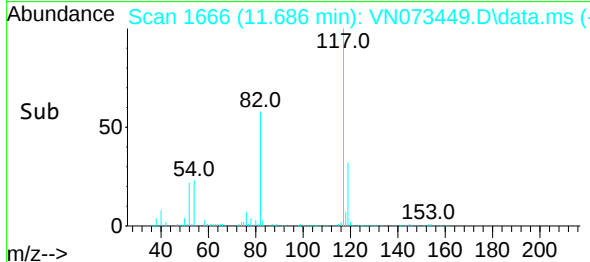
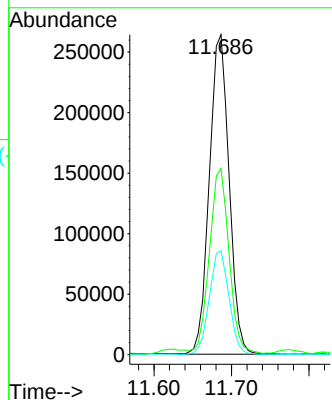
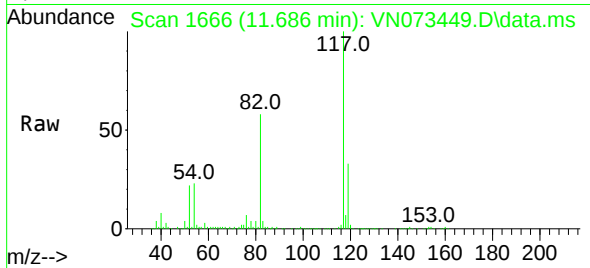




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN073449.D
Acq: 13 Jul 2022 15:00

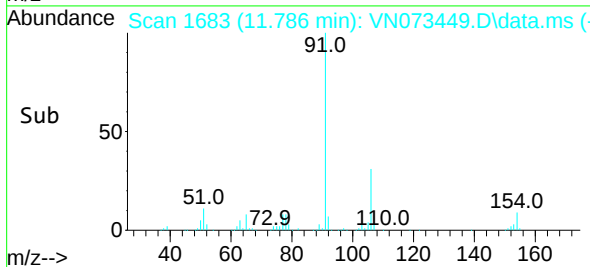
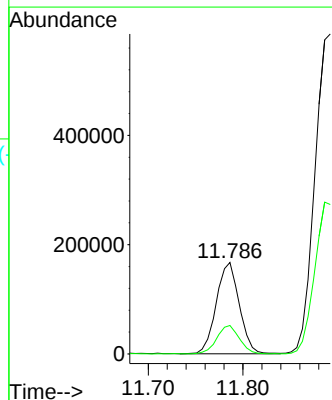
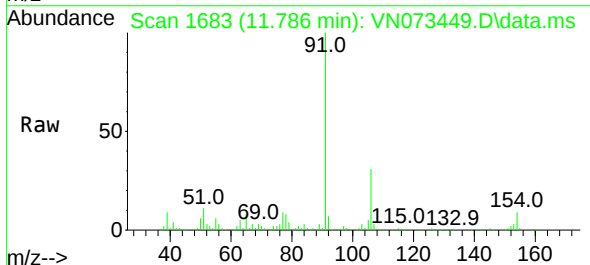
Instrument :
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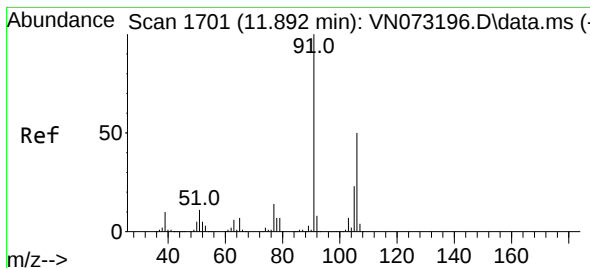
Tgt Ion:117 Resp: 468125
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 32.6 25.4 38.0



#67
Ethyl Benzene
Concen: 14.633 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073449.D
Acq: 13 Jul 2022 15:00

Tgt Ion: 91 Resp: 281261
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3





#68

m/p-Xylenes

Concen: 74.681 ug/l

RT: 11.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN073449.D

Acq: 13 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

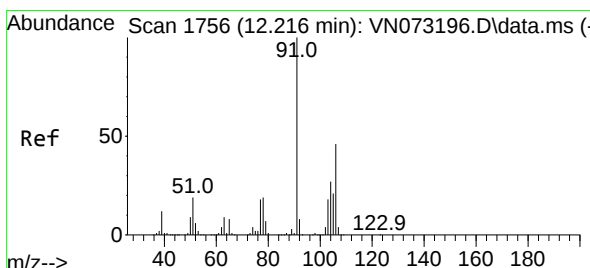
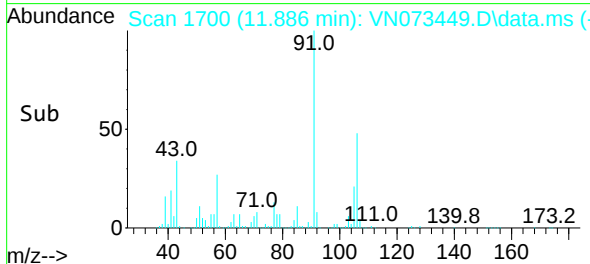
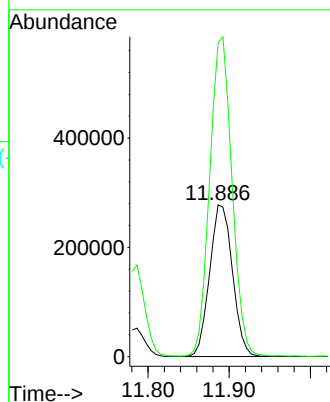
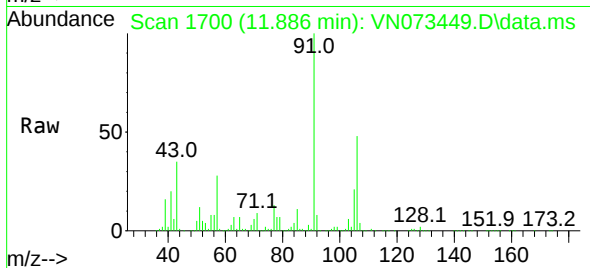
31440

Tgt Ion:106 Resp: 541734

Ion Ratio Lower Upper

106 100

91 205.5 158.9 238.3



#69

o-Xylene

Concen: 37.279 ug/l

RT: 12.222 min Scan# 1757

Delta R.T. 0.006 min

Lab File: VN073449.D

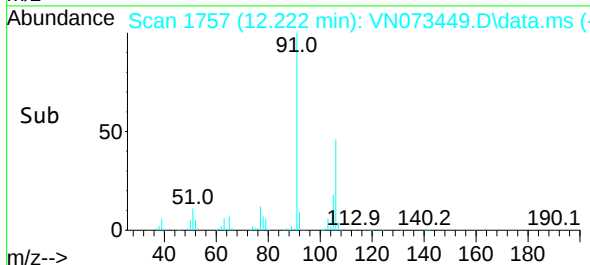
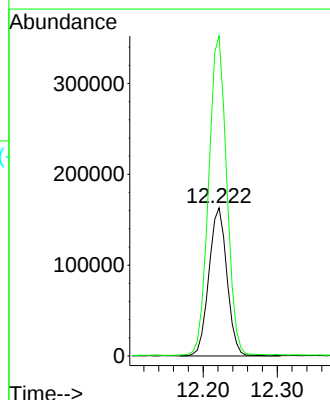
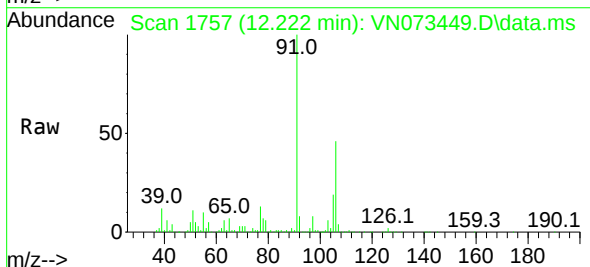
Acq: 13 Jul 2022 15:00

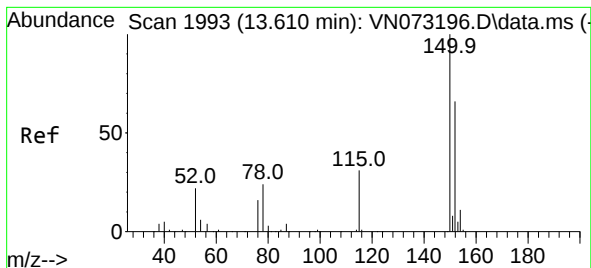
Tgt Ion:106 Resp: 276062

Ion Ratio Lower Upper

106 100

91 215.4 106.0 318.0

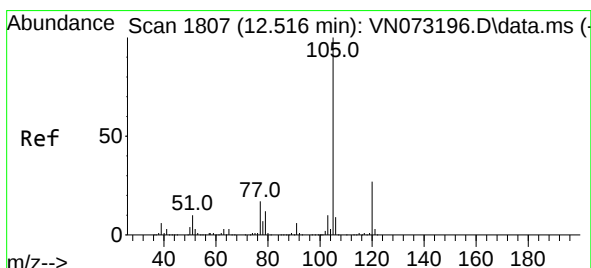
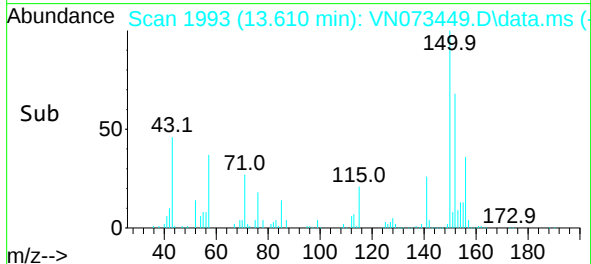
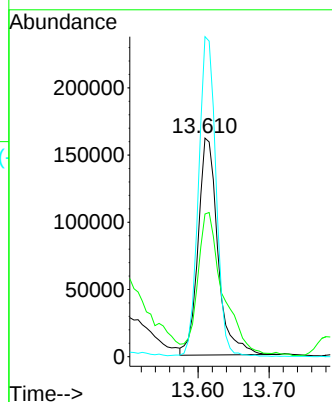
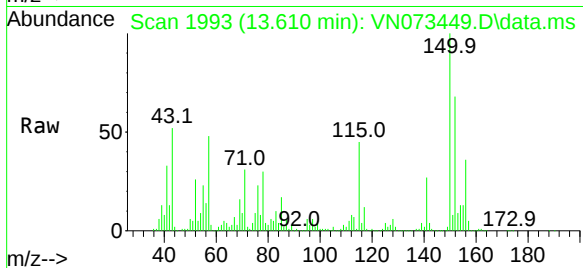




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073449.D
Acq: 13 Jul 2022 15:00

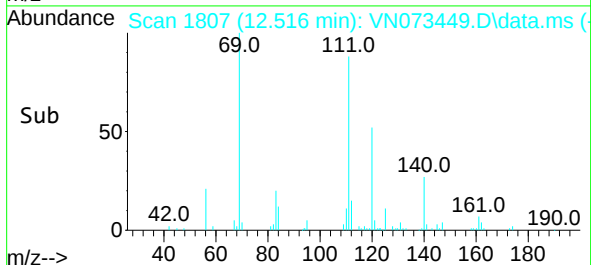
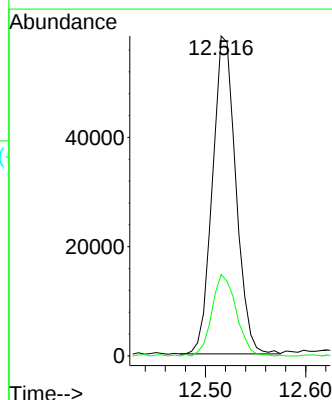
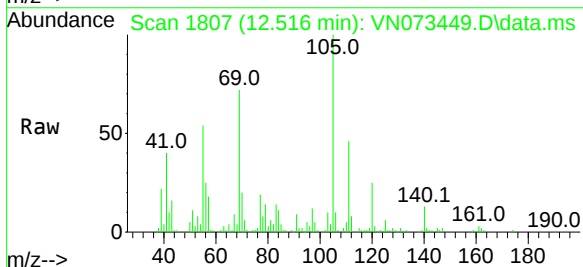
Instrument :
MSVOA_N
ClientSampleId :
31440

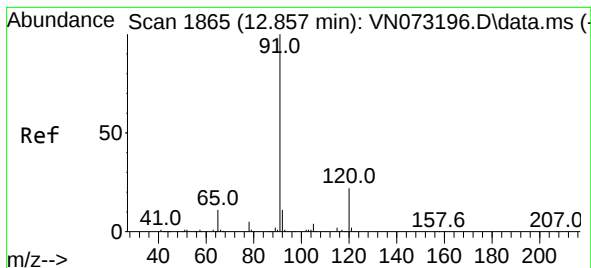
Tgt Ion:152 Resp: 311711
Ion Ratio Lower Upper
152 100
115 81.8 28.9 86.7
150 131.6 0.0 356.2



#73
Isopropylbenzene
Concen: 3.498 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073449.D
Acq: 13 Jul 2022 15:00

Tgt Ion:105 Resp: 94161
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4





#78

n-propylbenzene

Concen: 14.427 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073449.D

Acq: 13 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

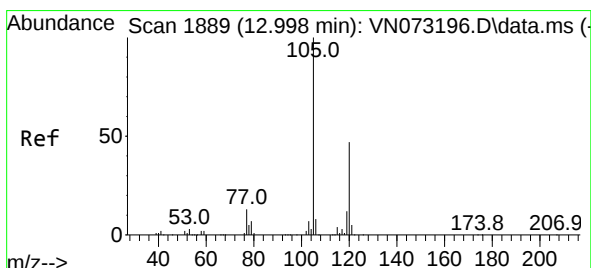
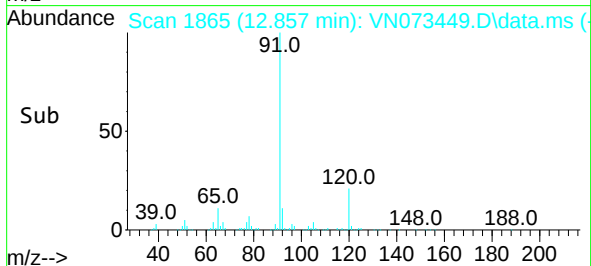
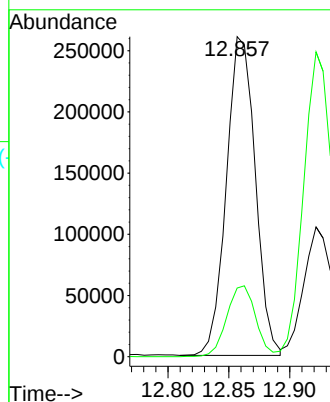
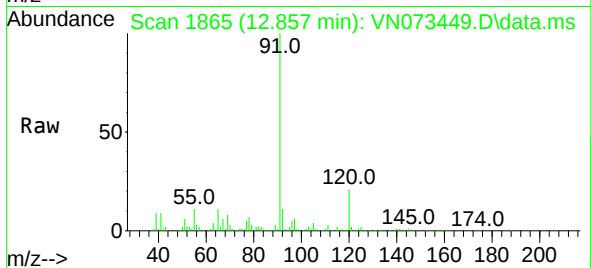
31440

Tgt Ion: 91 Resp: 431427

Ion Ratio Lower Upper

91 100

120 22.1 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 25.778 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073449.D

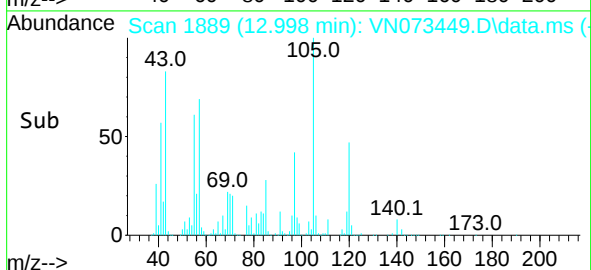
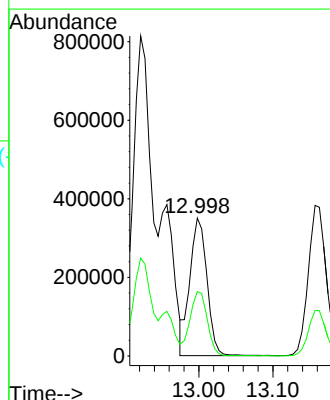
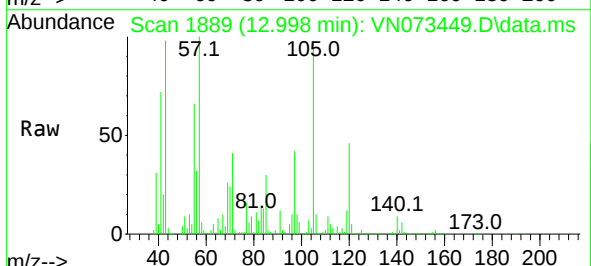
Acq: 13 Jul 2022 15:00

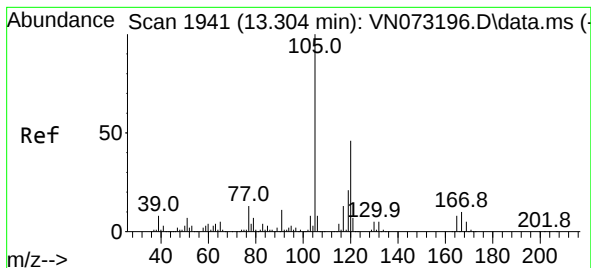
Tgt Ion: 105 Resp: 565566

Ion Ratio Lower Upper

105 100

120 47.0 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 94.263 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073449.D

Acq: 13 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

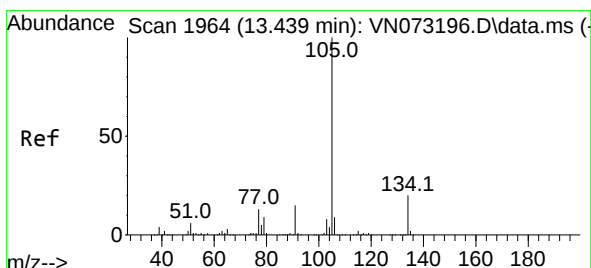
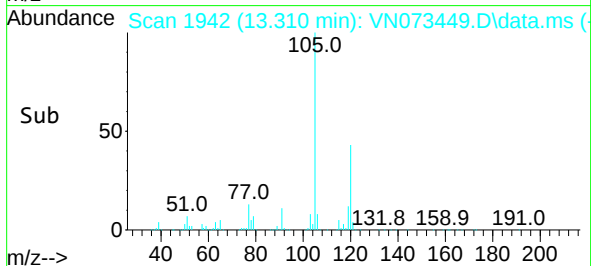
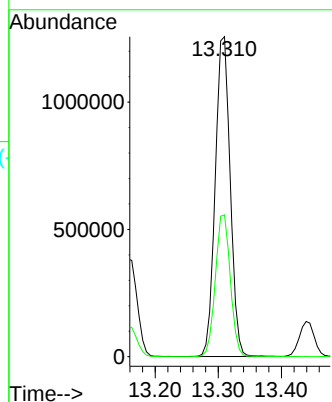
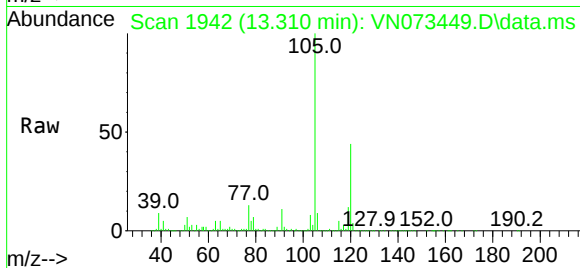
31440

Tgt Ion:105 Resp: 2064826

Ion Ratio Lower Upper

105 100

120 44.4 23.3 69.8



#85

sec-Butylbenzene

Concen: 8.463 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073449.D

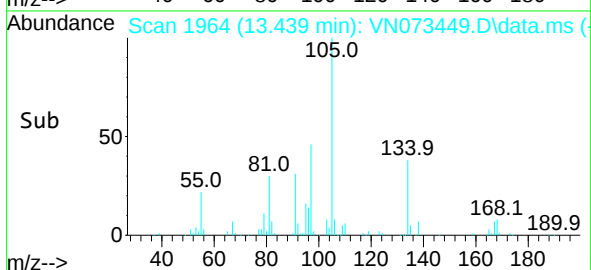
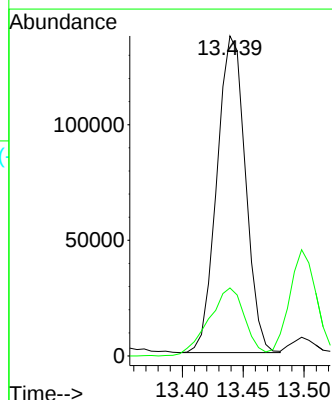
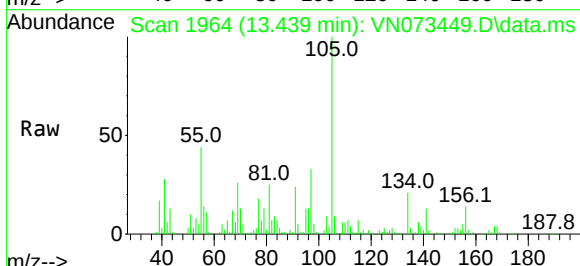
Acq: 13 Jul 2022 15:00

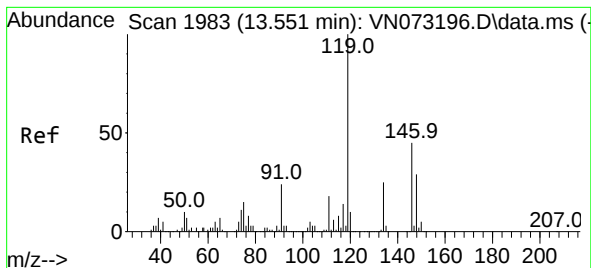
Tgt Ion:105 Resp: 223513

Ion Ratio Lower Upper

105 100

134 27.0 10.4 31.1





#86

p-Isopropyltoluene

Concen: 6.317 ug/l

RT: 13.557 min Scan# 1983

Delta R.T. 0.006 min

Lab File: VN073449.D

Acq: 13 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

31440

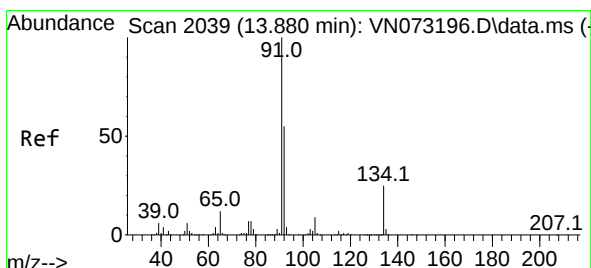
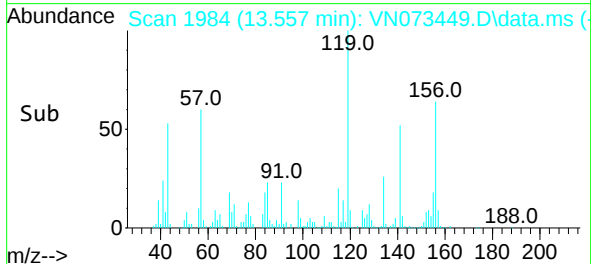
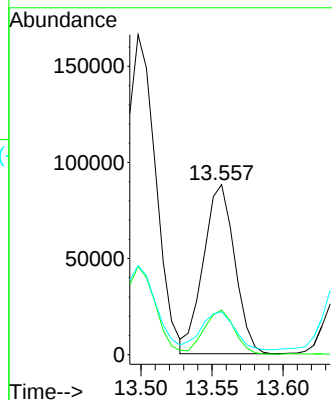
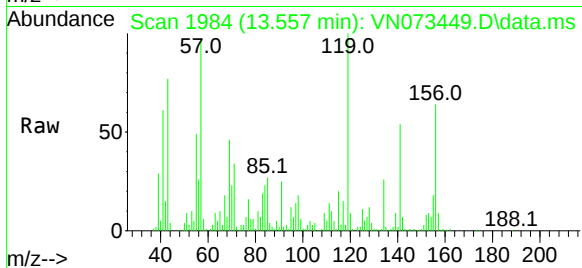
Tgt Ion:119 Resp: 134769

Ion Ratio Lower Upper

119 100

134 24.8 13.3 39.8

91 24.0 11.3 33.9



#89

n-Butylbenzene

Concen: 30.996 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073449.D

Acq: 13 Jul 2022 15:00

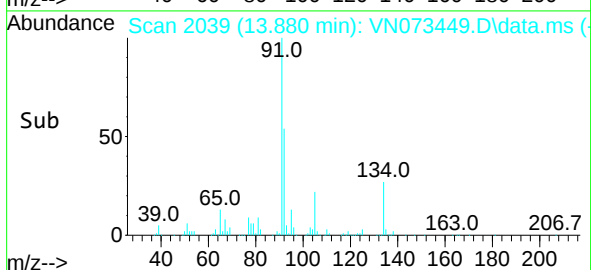
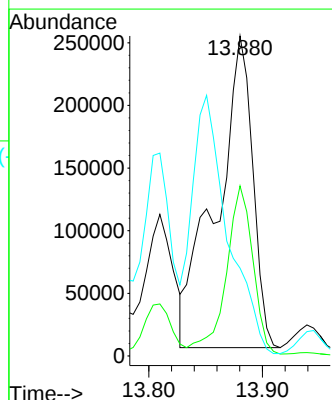
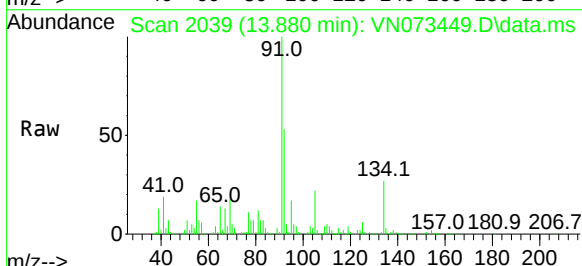
Tgt Ion: 91 Resp: 551074

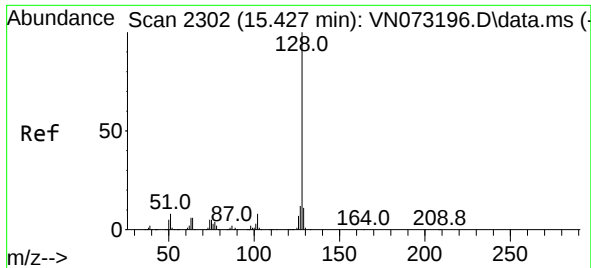
Ion Ratio Lower Upper

91 100

92 39.9 26.9 80.7

134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 13.678 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073449.D
Acq: 13 Jul 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
31440

Tgt Ion:128 Resp: 328588
Ion Ratio Lower Upper
128 100
127 15.3 10.3 15.5
129 14.3 8.6 13.0#

