

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
 Data File : VN073450.D
 Acq On : 13 Jul 2022 15:25
 Operator : JC\MD
 Sample : N3619-01
 Misc : 1.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31653

Quant Time: Jul 14 07:03:31 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	268337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	444696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	439525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	238524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	168839	43.586	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.180%
35) Dibromofluoromethane	7.939	113	137838	46.588	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	10.374	98	499494	47.534	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.668	95	231612	57.355	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.720%

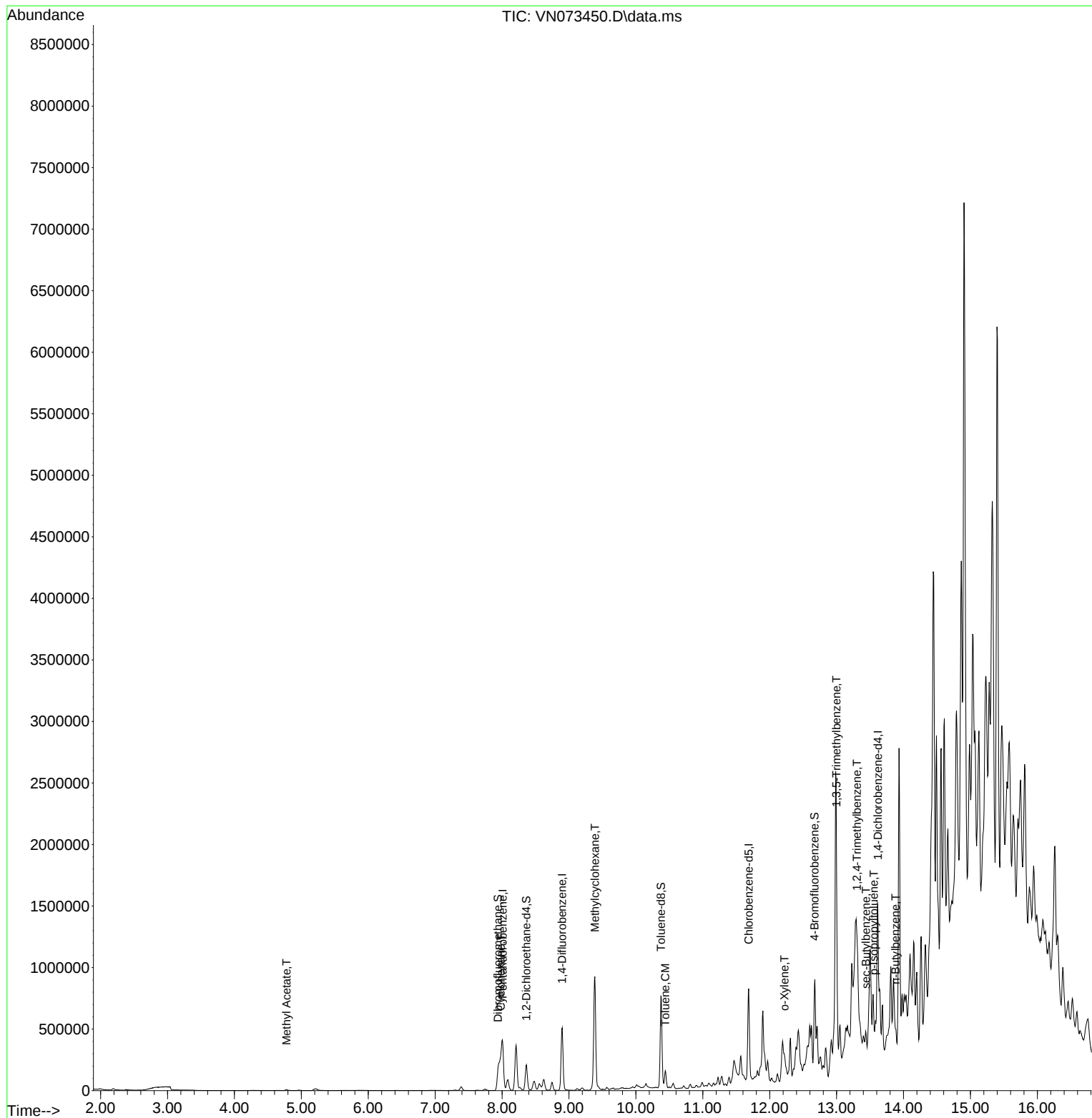
Target Compounds					Qvalue	
18) Methyl Acetate	4.781	43	13539	2.222	ug/l	# 86
31) Cyclohexane	7.980	56	53181	8.383	ug/l	# 47
39) Methylcyclohexane	9.386	83	390115	68.831	ug/l	95
52) Toluene	10.439	92	54557	6.283	ug/l	99
69) o-Xylene	12.221	106	29400	4.228	ug/l	85
80) 1,3,5-Trimethylbenzene	12.998	105	185306	11.038	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	148982	8.888	ug/l	72
85) sec-Butylbenzene	13.439	105	42006	2.078	ug/l	78
86) p-Isopropyltoluene	13.557	119	56512	3.461	ug/l	96
89) n-Butylbenzene	13.880	91	62777	4.614	ug/l	# 72

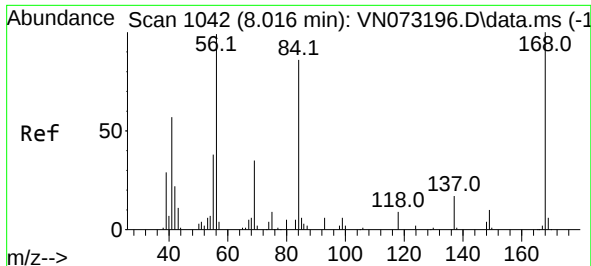
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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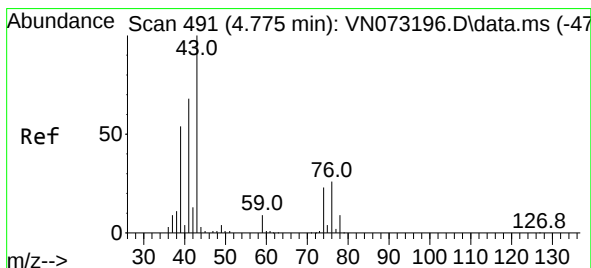
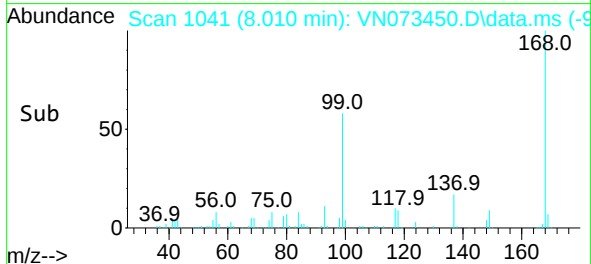
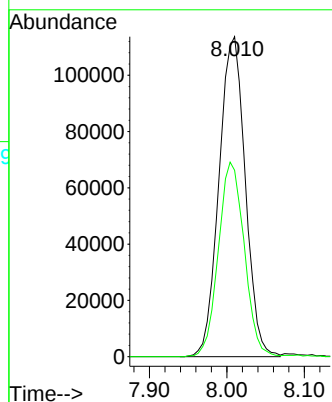
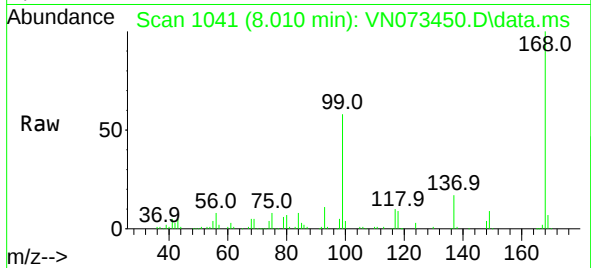




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

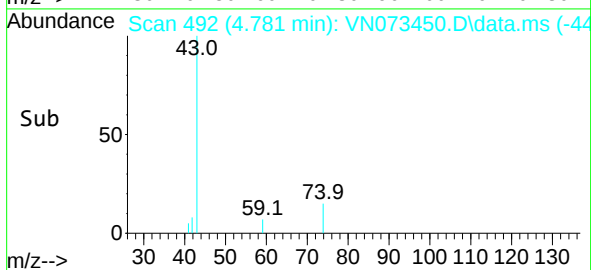
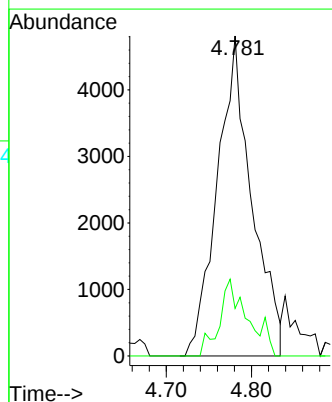
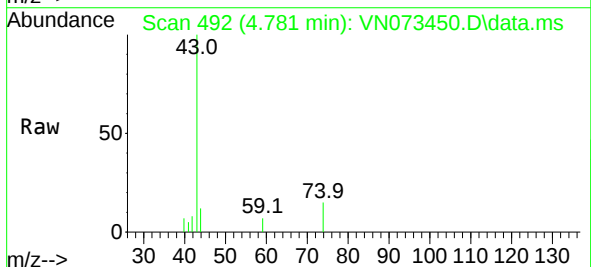
Instrument :
MSVOA_N
ClientSampleId :
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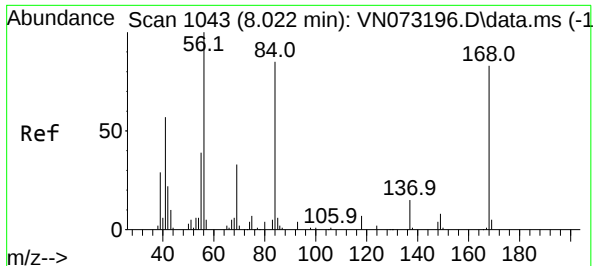
Tgt Ion:168 Resp: 268337
Ion Ratio Lower Upper
168 100
99 58.3 42.3 63.5



#18
Methyl Acetate
Concen: 2.222 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 43 Resp: 13539
Ion Ratio Lower Upper
43 100
74 19.8 21.6 32.4#

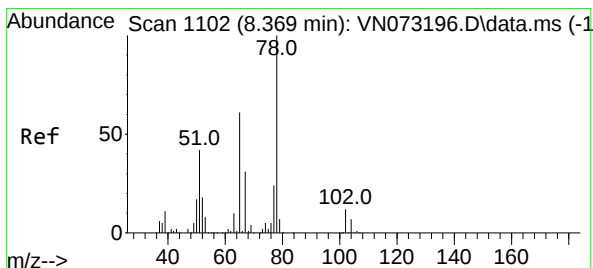
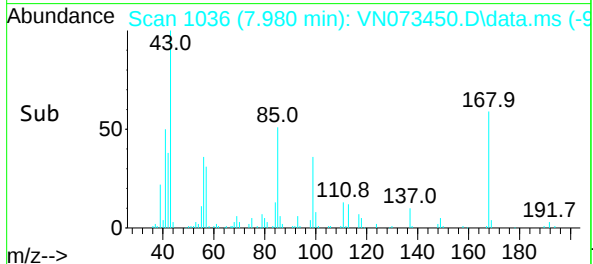
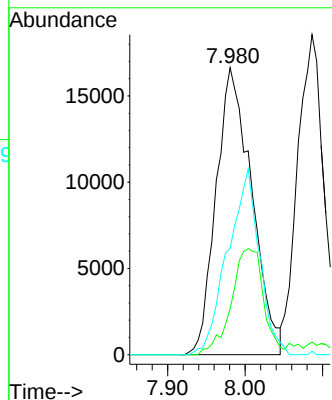
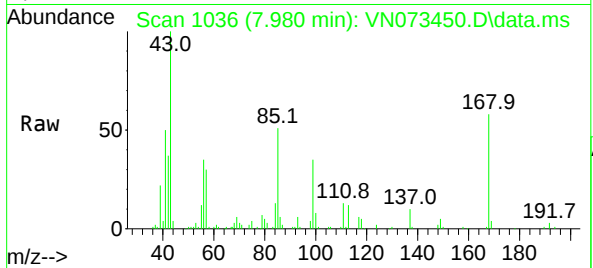




#31
Cyclohexane
Concen: 8.383 ug/l
RT: 7.980 min Scan# 1101
Delta R.T. -0.042 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

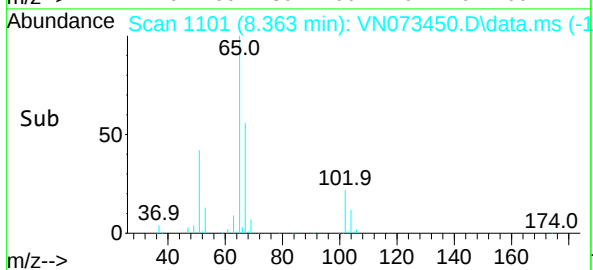
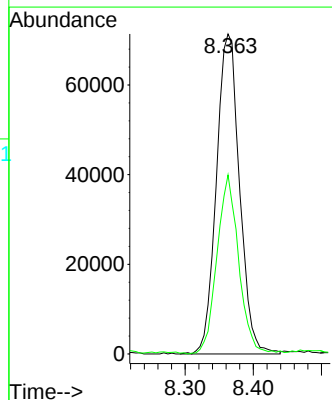
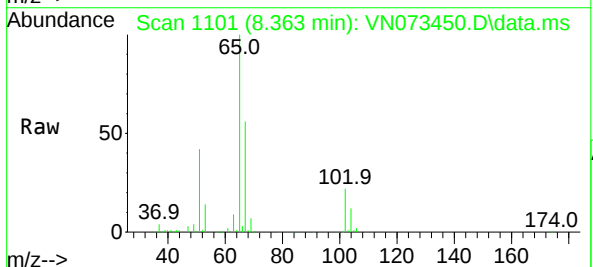
Instrument :
MSVOA_N
ClientSampleId :
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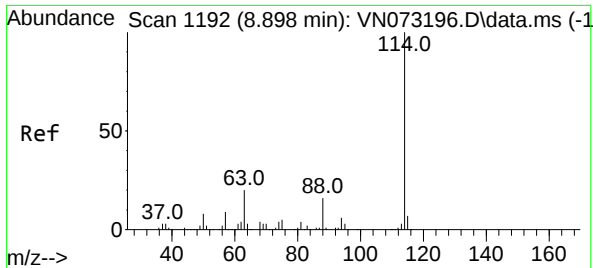
Tgt Ion: 56 Resp: 53181
Ion Ratio Lower Upper
56 100
69 16.1 27.8 41.8#
84 37.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.586 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 65 Resp: 168839
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

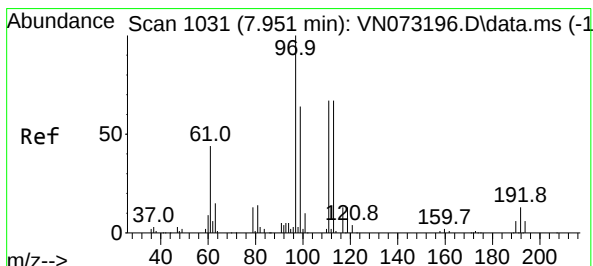
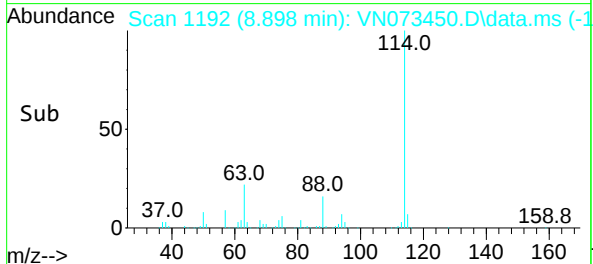
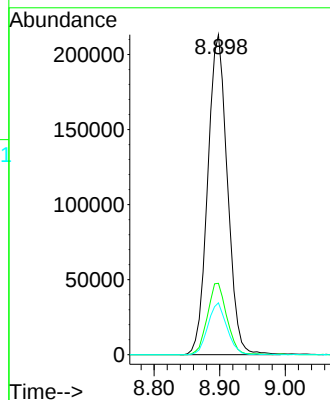
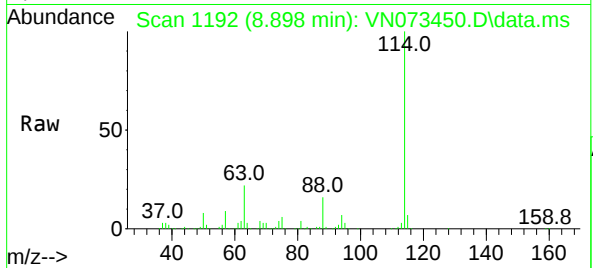




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

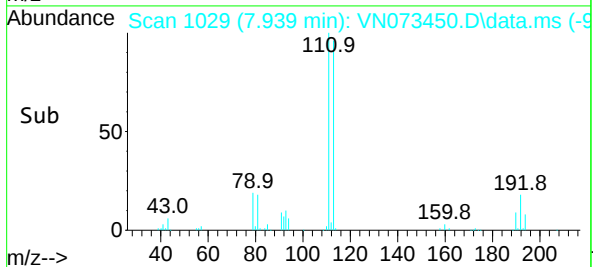
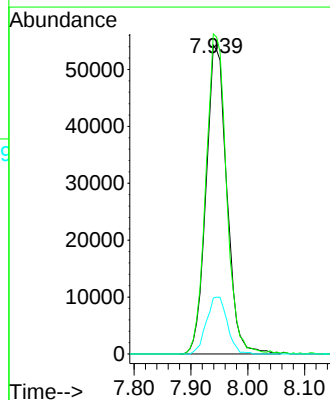
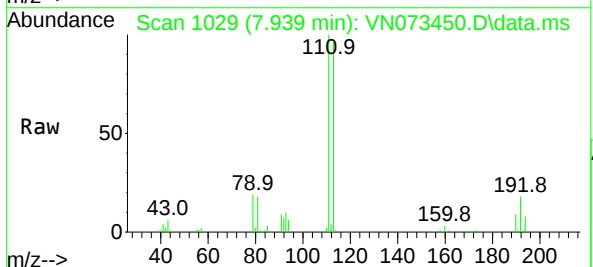
Instrument :
MSVOA_N
ClientSampleId :
31653

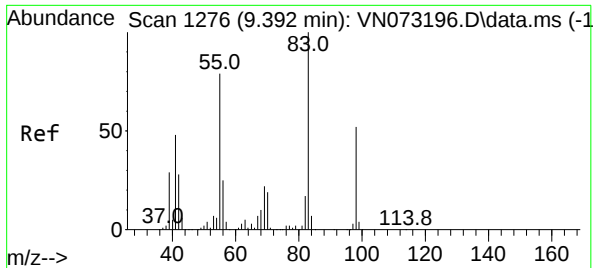
Tgt Ion:114 Resp: 444696
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.0
88 16.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.588 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion:113 Resp: 137838
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.4 17.0 25.6

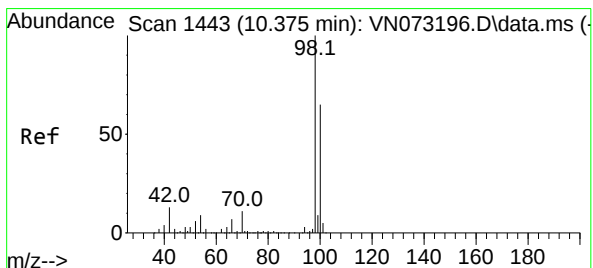
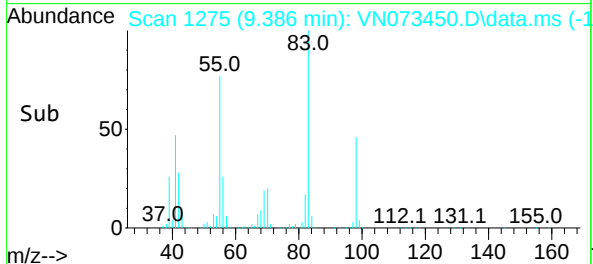
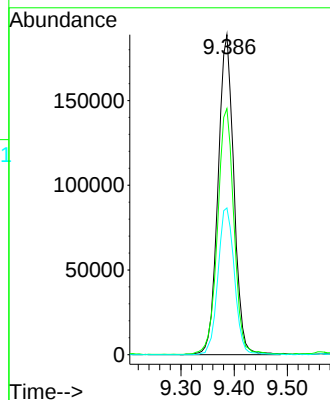
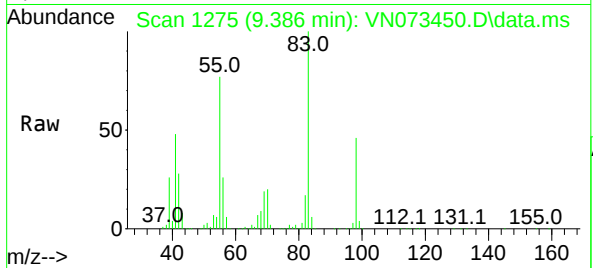




#39
Methylcyclohexane
Concen: 68.831 ug/l
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

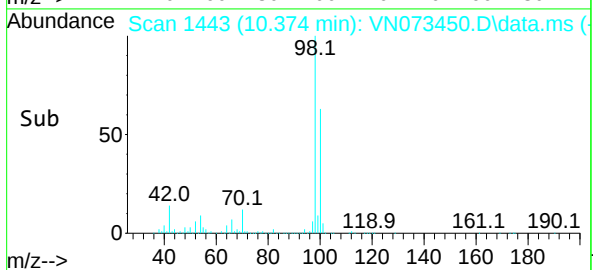
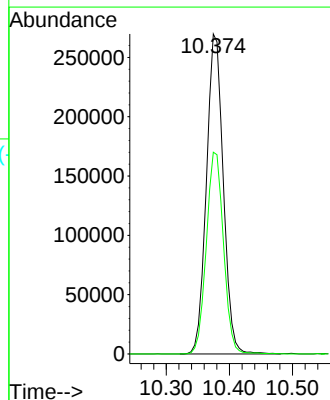
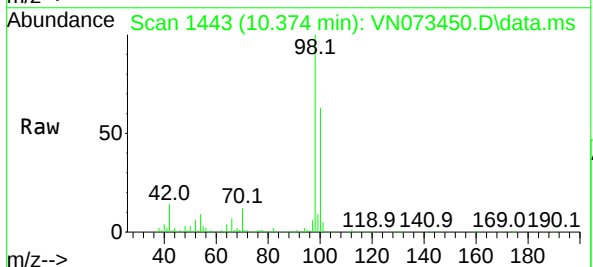
Instrument :
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ClientSampleId :
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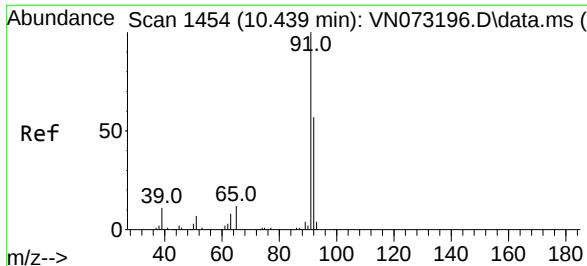
Tgt Ion: 83 Resp: 390115
Ion Ratio Lower Upper
83 100
55 76.8 57.8 86.8
98 45.8 39.4 59.2



#50
Toluene-d8
Concen: 47.534 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 98 Resp: 499494
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

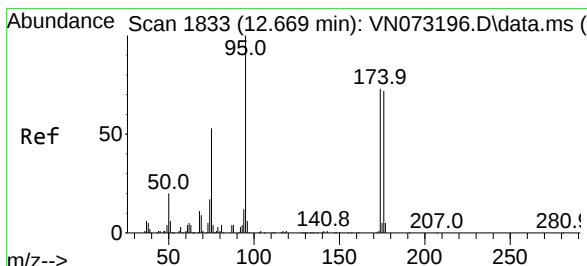
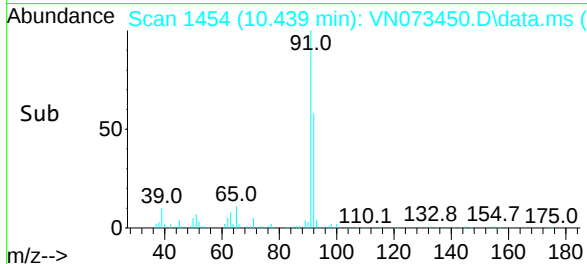
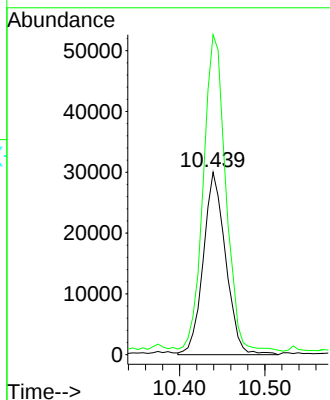
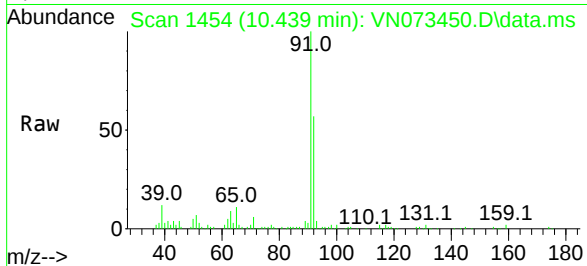




#52
Toluene
Concen: 6.283 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

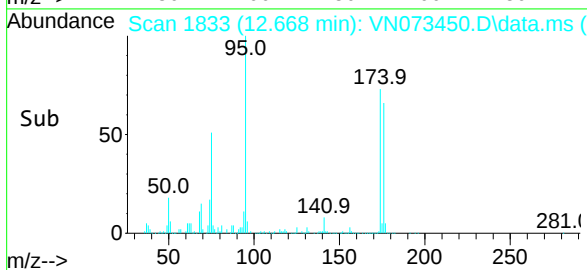
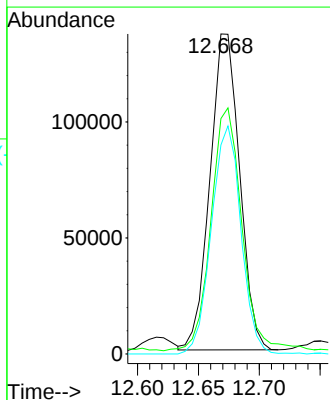
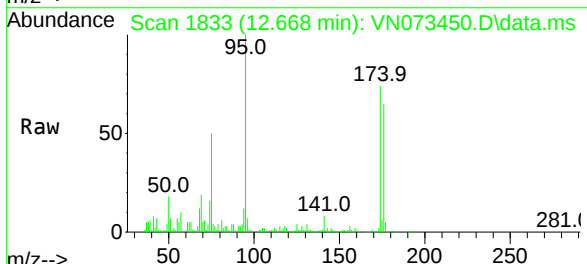
Instrument :
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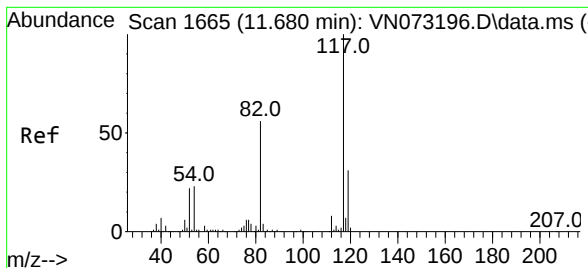
Tgt Ion: 92 Resp: 54557
Ion Ratio Lower Upper
92 100
91 174.2 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 57.355 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 95 Resp: 231612
Ion Ratio Lower Upper
95 100
174 81.8 0.0 167.6
176 71.6 0.0 163.4

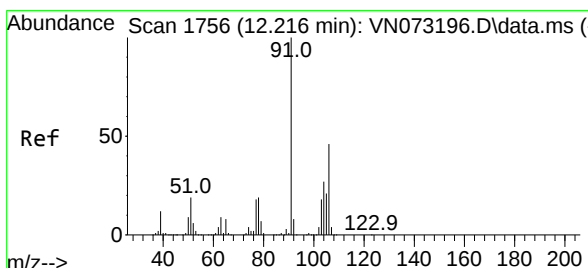
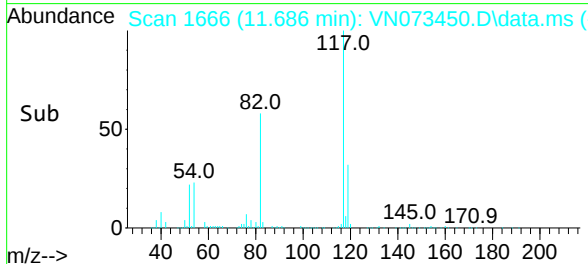
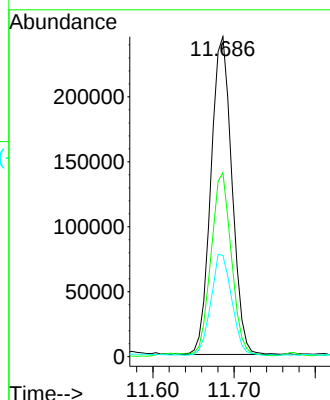
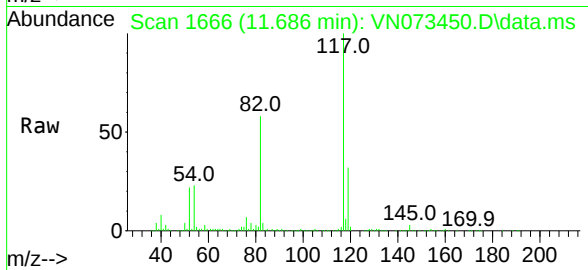




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1165
Delta R.T. 0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

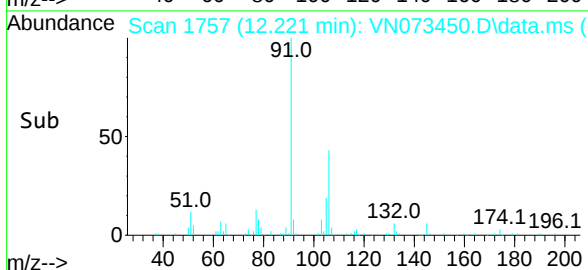
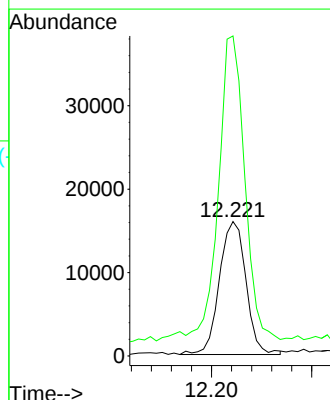
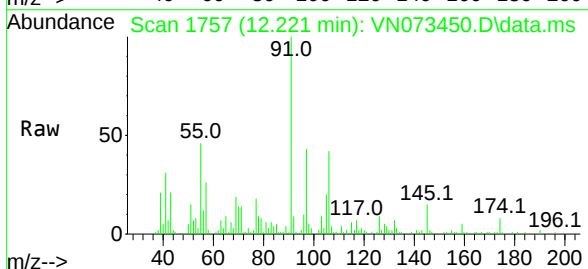
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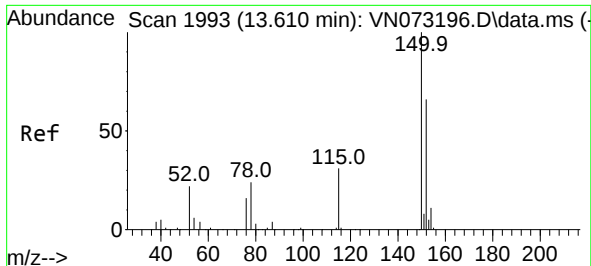
Tgt Ion:117 Resp: 439525
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 31.4 25.4 38.0



#69
o-Xylene
Concen: 4.228 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.005 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion:106 Resp: 29400
Ion Ratio Lower Upper
106 100
91 235.7 106.0 318.0

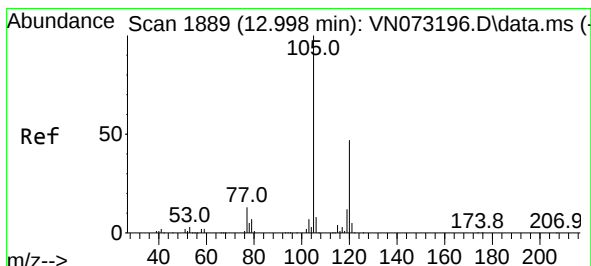
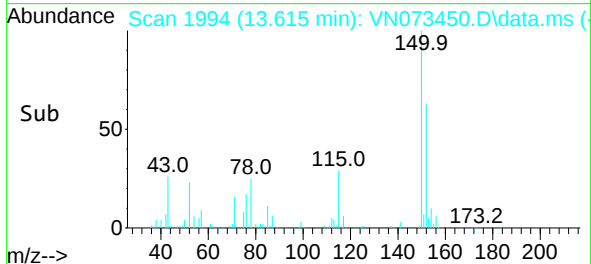
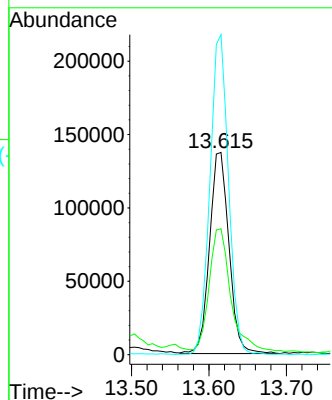
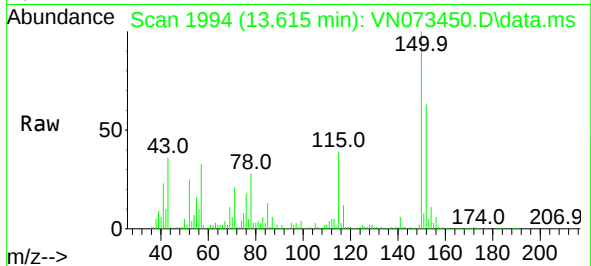




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.005 min
 Lab File: VN073450.D
 Acq: 13 Jul 2022 15:25

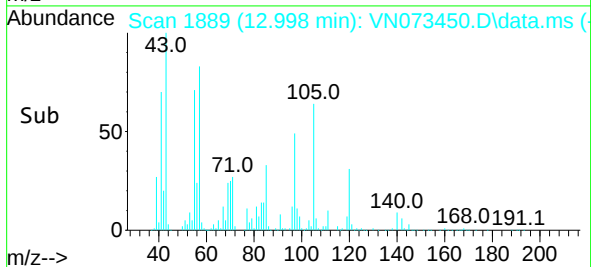
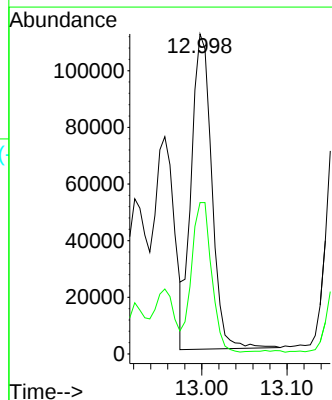
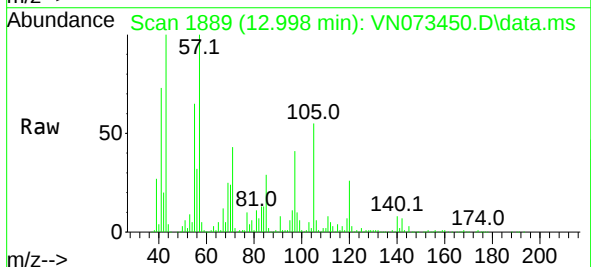
Instrument :
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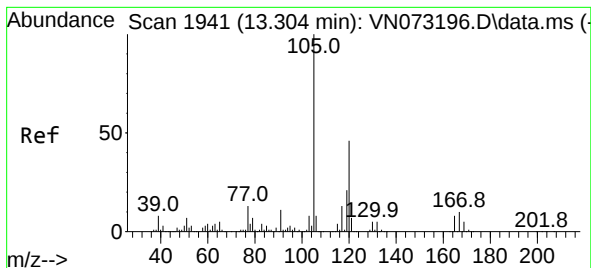
Tgt Ion:152 Resp: 238524
 Ion Ratio Lower Upper
 152 100
 115 70.8 28.9 86.7
 150 152.2 0.0 356.2



#80
 1,3,5-Trimethylbenzene
 Concen: 11.038 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. -0.000 min
 Lab File: VN073450.D
 Acq: 13 Jul 2022 15:25

Tgt Ion:105 Resp: 185306
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 8.888 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073450.D

Acq: 13 Jul 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

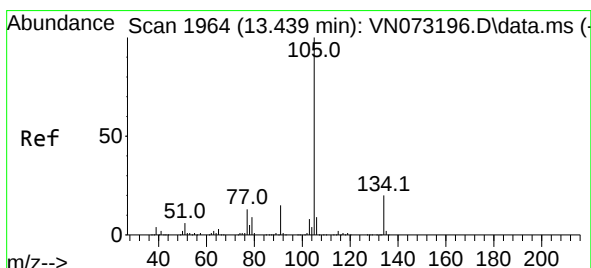
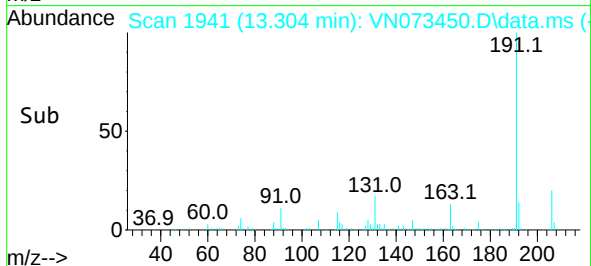
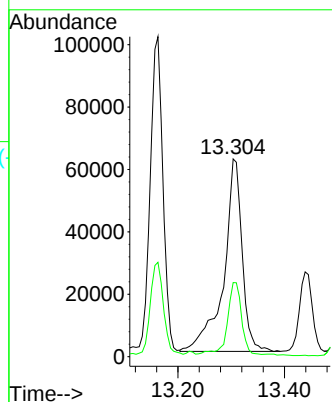
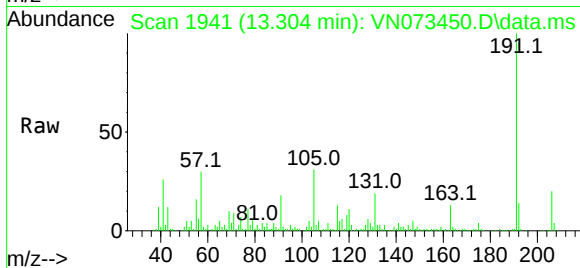
31653

Tgt Ion:105 Resp: 148982

Ion Ratio Lower Upper

105 100

120 28.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 2.078 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN073450.D

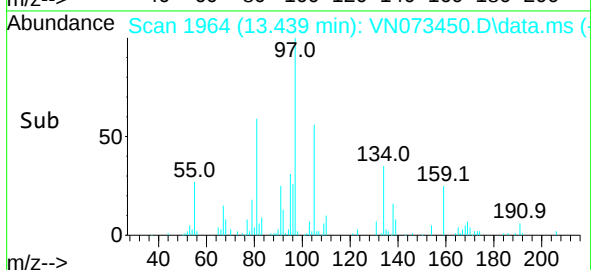
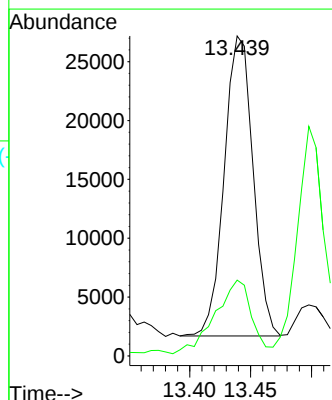
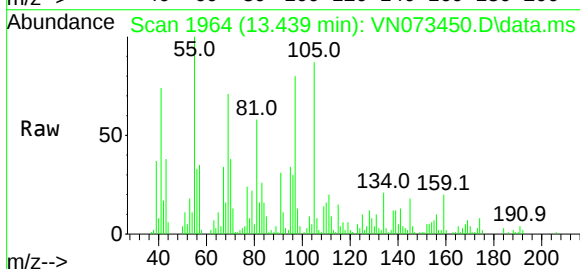
Acq: 13 Jul 2022 15:25

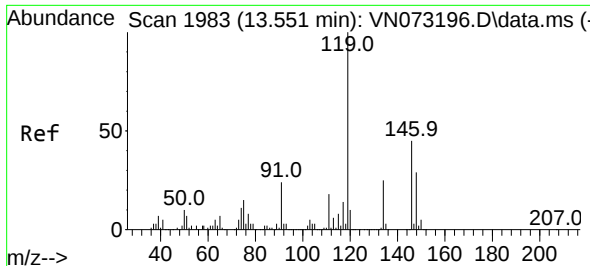
Tgt Ion:105 Resp: 42006

Ion Ratio Lower Upper

105 100

134 31.0 10.4 31.1

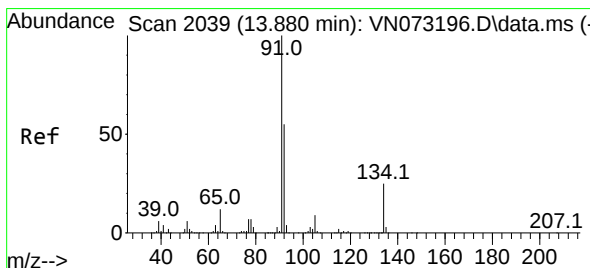
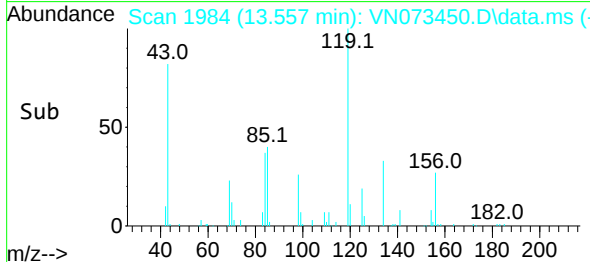
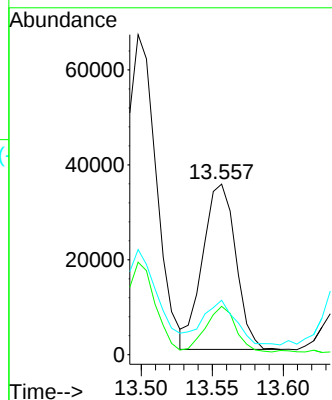
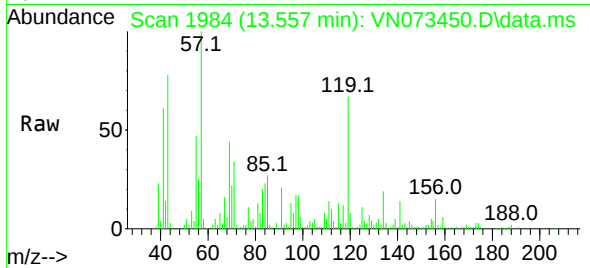




#86
 p-Isopropyltoluene
 Concen: 3.461 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073450.D
 Acq: 13 Jul 2022 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 31653

Tgt Ion:119 Resp: 56512
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.8
 91 25.8 11.3 33.9



#89
 n-Butylbenzene
 Concen: 4.614 ug/l
 RT: 13.880 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: VN073450.D
 Acq: 13 Jul 2022 15:25

Tgt Ion: 91 Resp: 62777
 Ion Ratio Lower Upper
 91 100
 92 64.5 26.9 80.7
 134 0.0 13.6 40.8#

