

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072328.D
 Acq On : 04 May 2022 15:14
 Operator : JC\MD
 Sample : N2643-03 10X
 Misc : 1.20g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31487

Quant Time: May 04 15:56:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

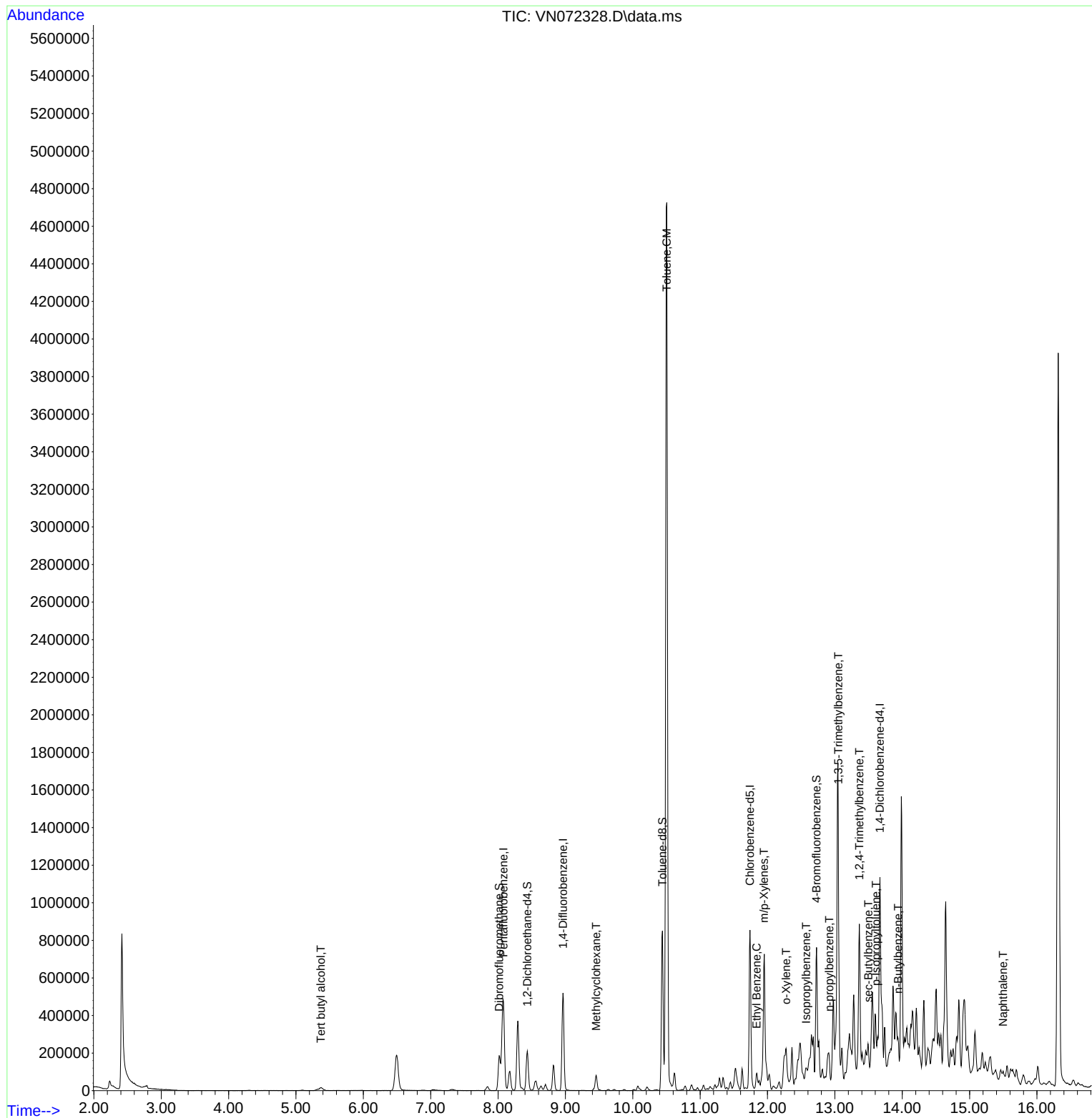
Internal Standards						
1) Pentafluorobenzene	8.081	168	227786	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	439927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	476723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	206681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	177909	50.874	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.740%		
35) Dibromofluoromethane	8.016	113	131616	46.742	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 93.480%		
50) Toluene-d8	10.439	98	554899	50.152	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.300%		
62) 4-Bromofluorobenzene	12.727	95	235282	64.067	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 128.140%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.369	59	33440	58.189	ug/l	# 94
39) Methylcyclohexane	9.457	83	29331	6.399	ug/l	# 83
52) Toluene	10.504	92	2101019	276.449	ug/l	100
67) Ethyl Benzene	11.839	91	53871	3.207	ug/l	98
68) m/p-Xylenes	11.945	106	73197	11.734	ug/l	92
69) o-Xylene	12.275	106	39362	6.509	ug/l	89
73) Isopropylbenzene	12.574	105	24965	1.368	ug/l	99
78) n-propylbenzene	12.916	91	96995	4.823	ug/l	96
80) 1,3,5-Trimethylbenzene	13.051	105	117220	7.711	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	440713	29.963	ug/l	97
85) sec-Butylbenzene	13.498	105	59364	3.411	ug/l	90
86) p-Isopropyltoluene	13.610	119	35941	2.649	ug/l	95
89) n-Butylbenzene	13.939	91	78574	7.561	ug/l	# 80
95) Naphthalene	15.498	128	35347	7.317	ug/l	96

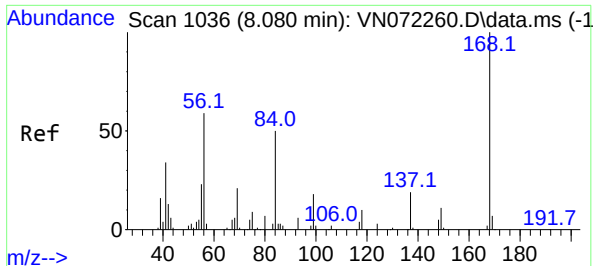
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
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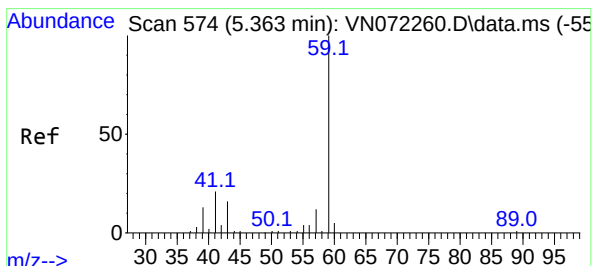
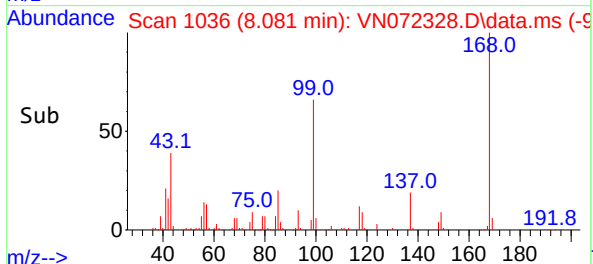
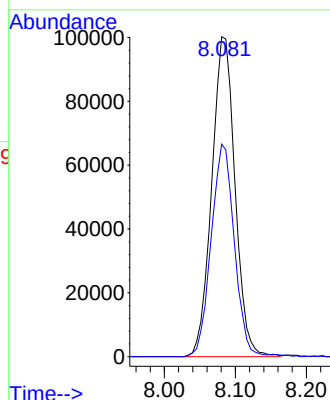
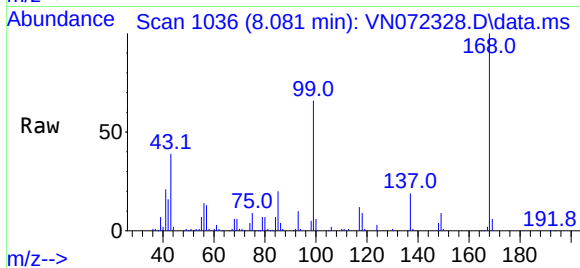




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

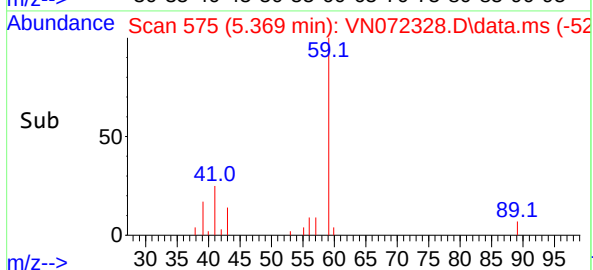
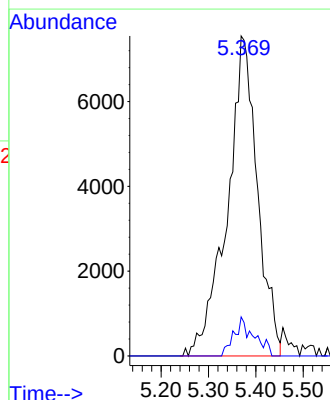
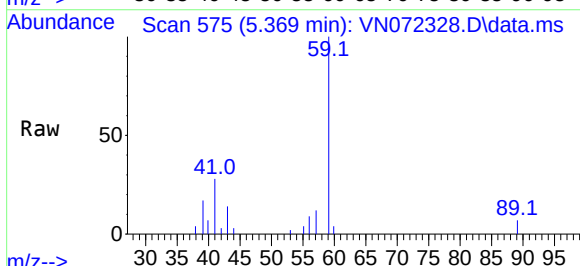
Instrument :
MSVOA_N
ClientSampleId :
31487

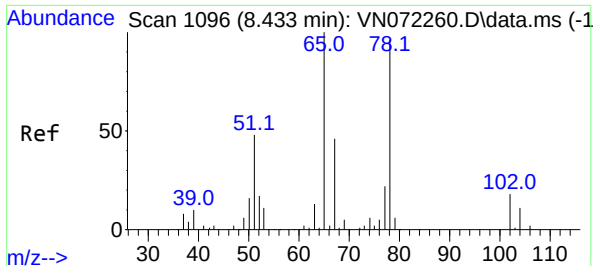
Tgt Ion:168 Resp: 227786
Ion Ratio Lower Upper
168 100
99 66.4 42.3 63.5#



#11
Tert butyl alcohol
Concen: 58.189 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.006 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 59 Resp: 33440
Ion Ratio Lower Upper
59 100
57 8.0 8.3 12.5#





#33

1,2-Dichloroethane-d4

Concen: 50.874 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

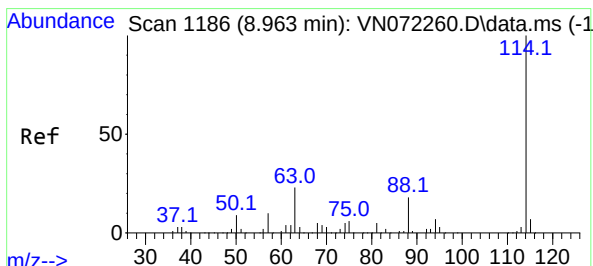
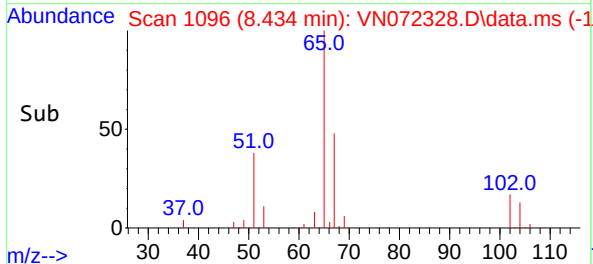
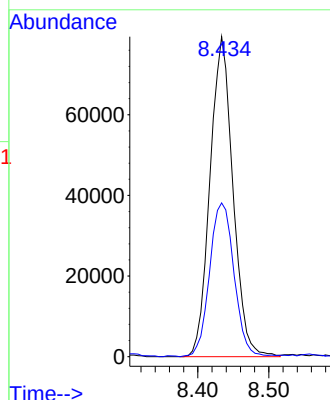
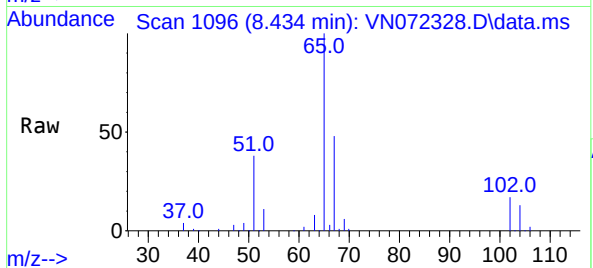
31487

Tgt Ion: 65 Resp: 177909

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

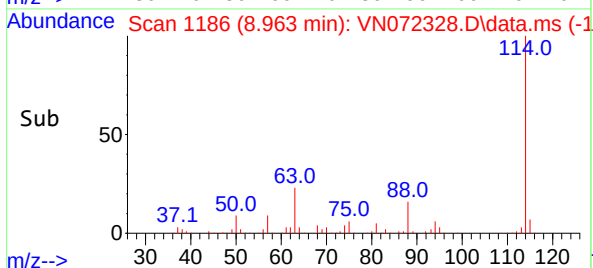
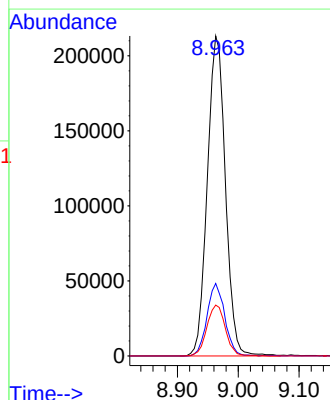
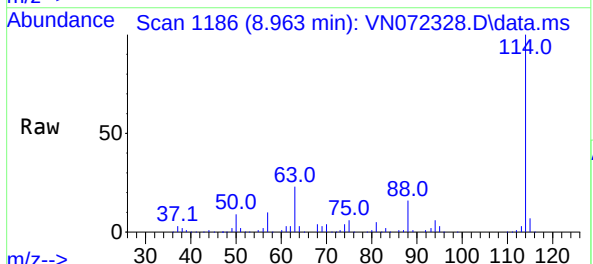
Tgt Ion: 114 Resp: 439927

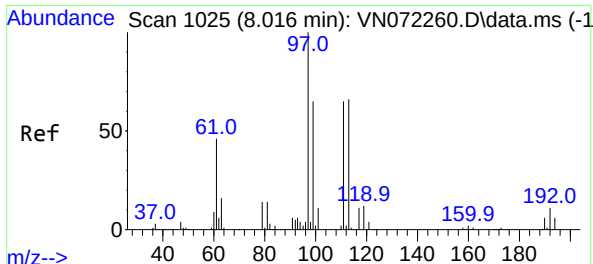
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 15.9 0.0 32.6

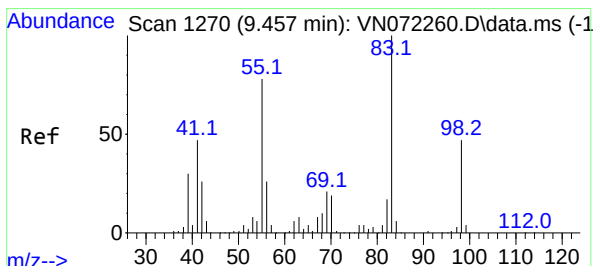
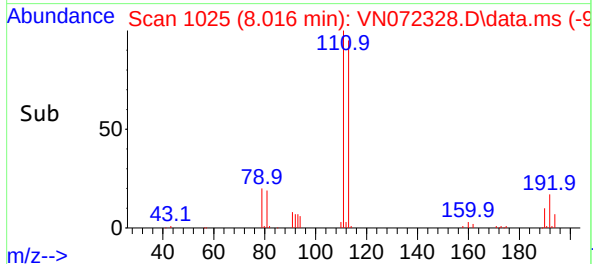
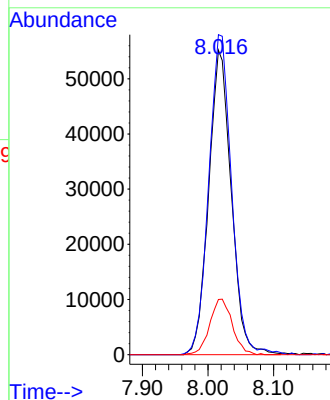
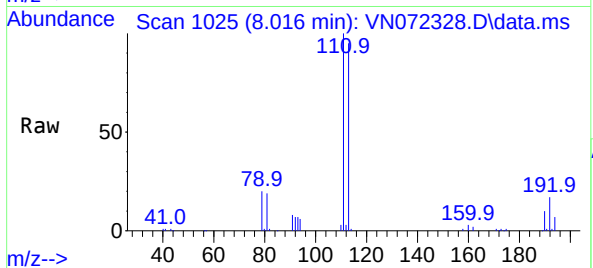




#35
Dibromofluoromethane
Concen: 46.742 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

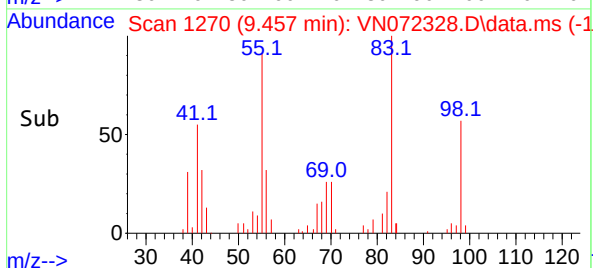
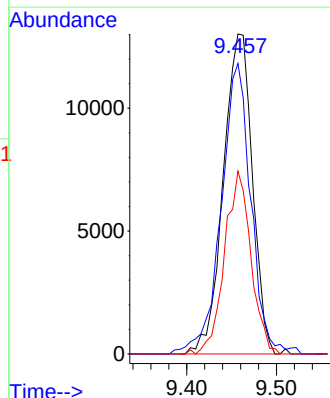
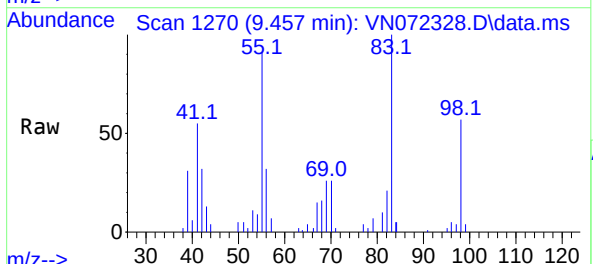
Instrument :
MSVOA_N
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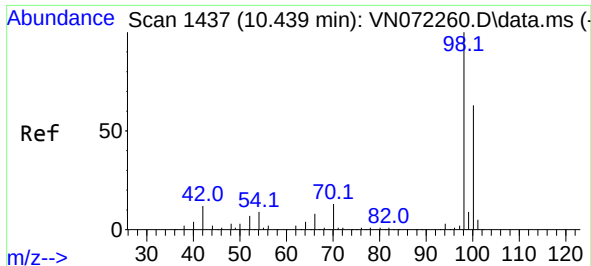
Tgt Ion:113 Resp: 131616
Ion Ratio Lower Upper
113 100
111 106.3 81.4 122.0
192 18.3 17.0 25.6



#39
Methylcyclohexane
Concen: 6.399 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 83 Resp: 29331
Ion Ratio Lower Upper
83 100
55 89.3 57.8 86.8#
98 57.1 39.4 59.2

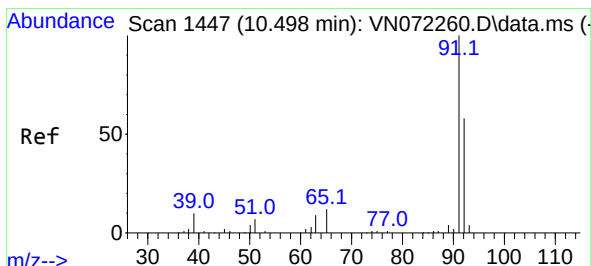
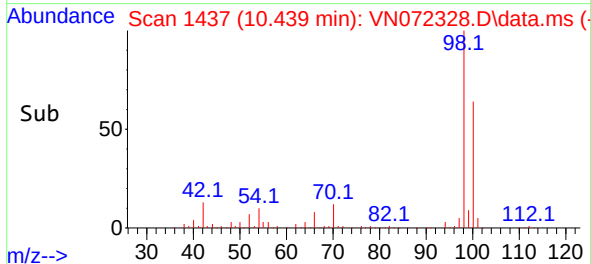
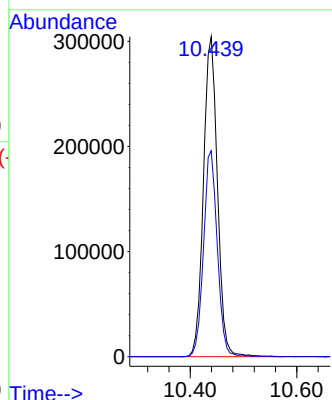
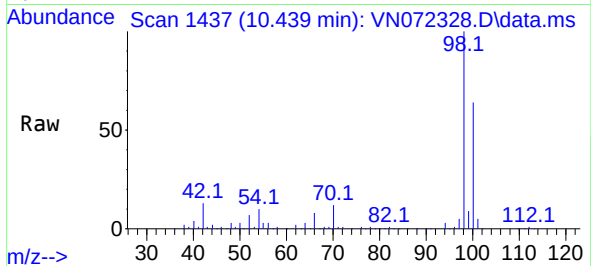




#50
Toluene-d8
Concen: 50.152 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

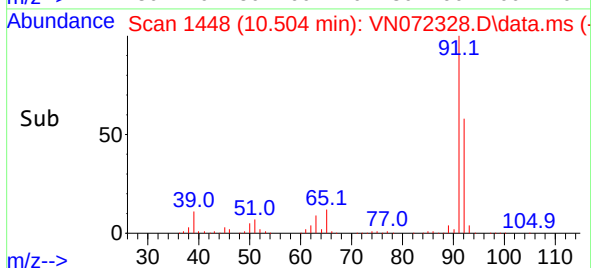
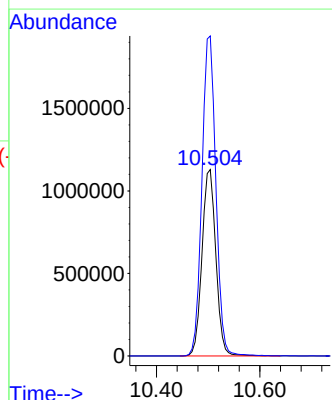
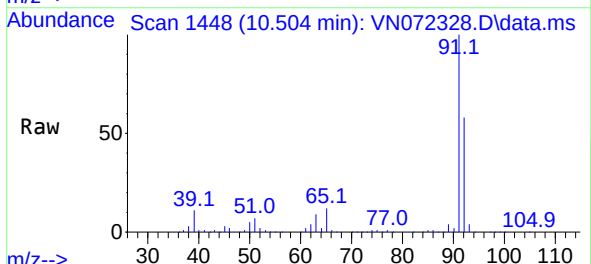
Instrument :
MSVOA_N
ClientSampleId :
31487

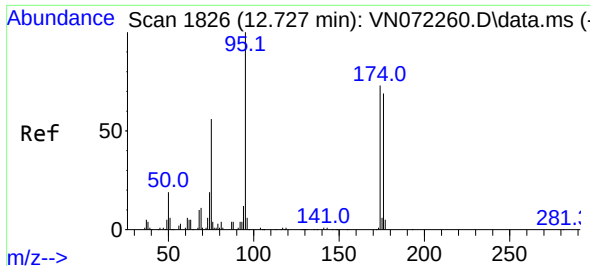
Tgt Ion: 98 Resp: 554899
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8



#52
Toluene
Concen: 276.449 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 92 Resp: 2101019
Ion Ratio Lower Upper
92 100
91 172.8 138.6 207.8

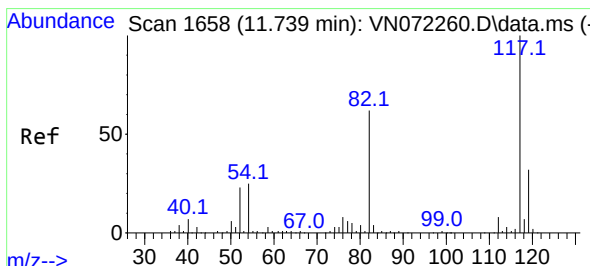
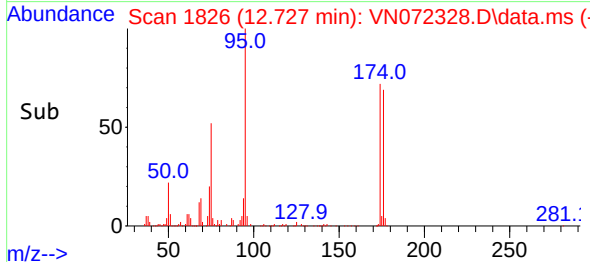
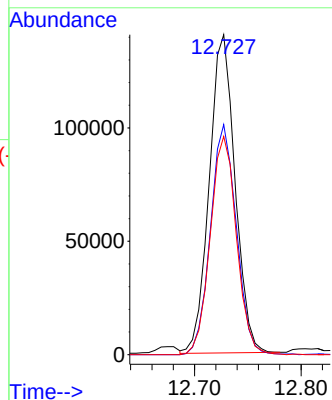
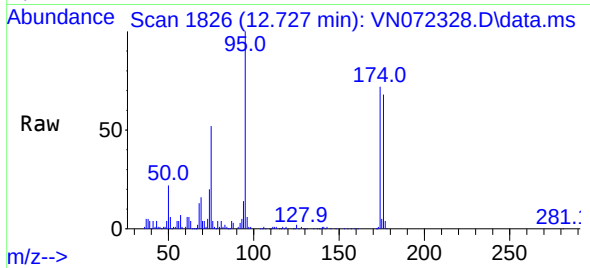




#62
4-Bromofluorobenzene
Concen: 64.067 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

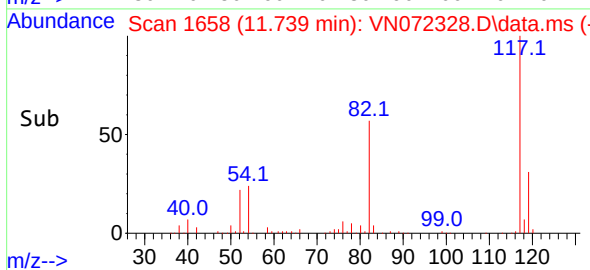
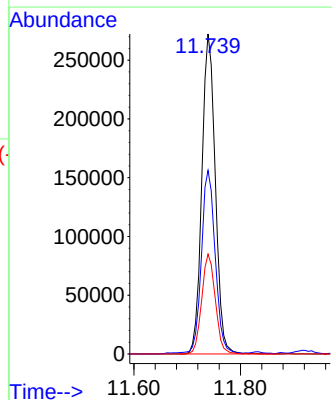
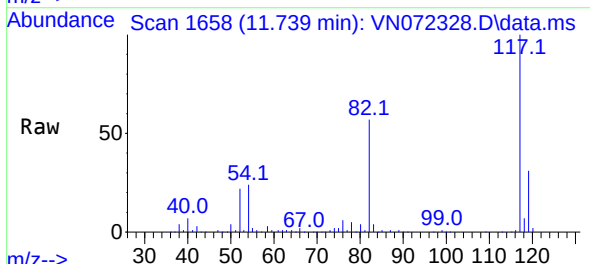
Instrument :
MSVOA_N
ClientSampleId :
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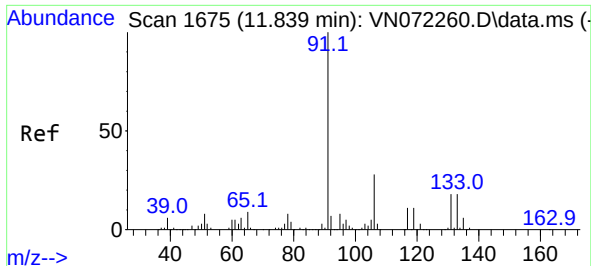
Tgt Ion: 95 Resp: 235282
Ion Ratio Lower Upper
95 100
174 72.8 0.0 167.6
176 69.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 117 Resp: 476723
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 31.2 25.4 38.0

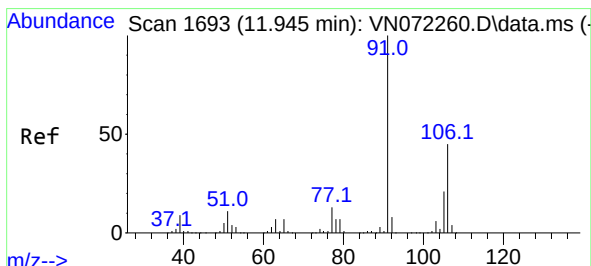
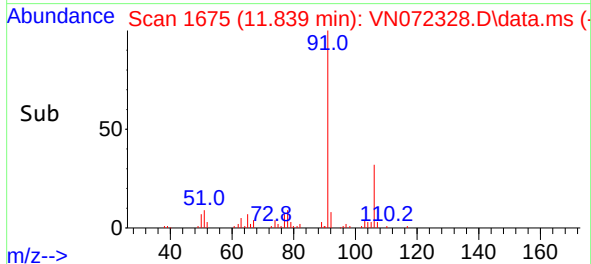
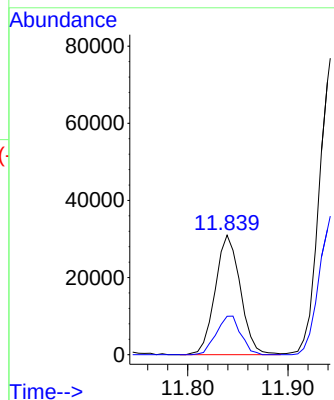
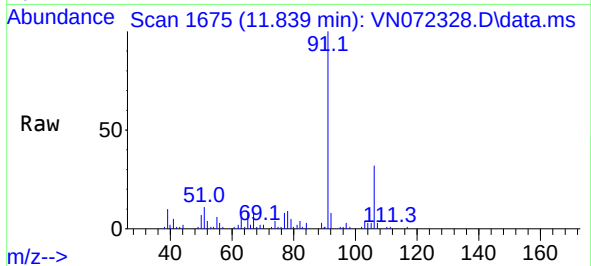




#67
Ethyl Benzene
Concen: 3.207 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

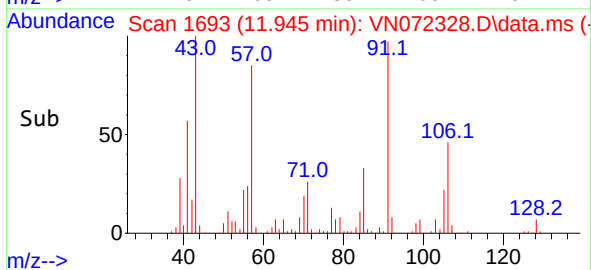
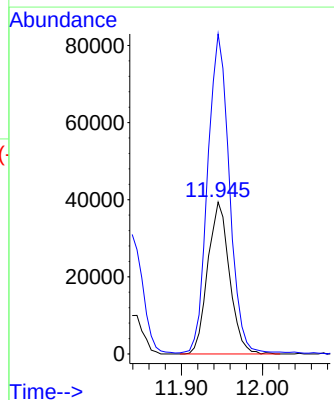
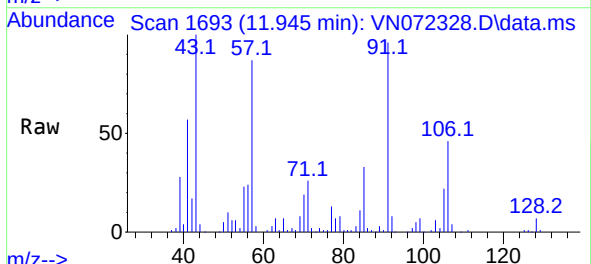
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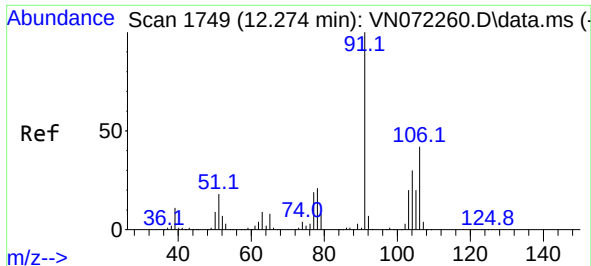
Tgt Ion: 91 Resp: 53871
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3



#68
m/p-Xylenes
Concen: 11.734 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 106 Resp: 73197
Ion Ratio Lower Upper
106 100
91 210.5 158.9 238.3

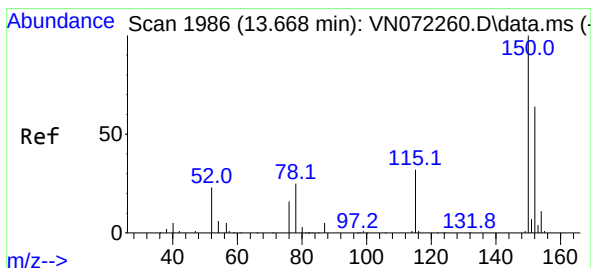
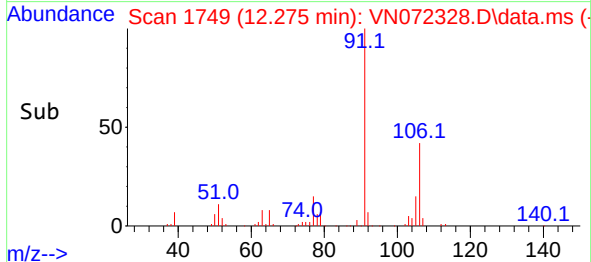
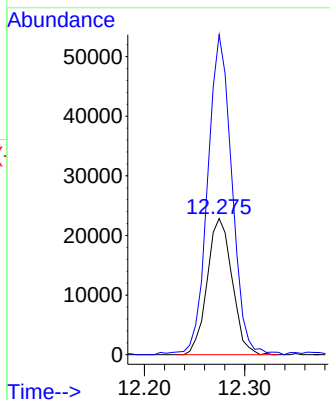
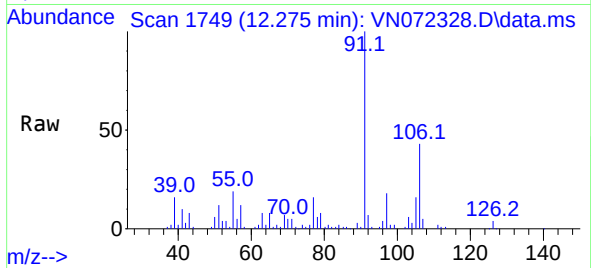




#69
o-Xylene
Concen: 6.509 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

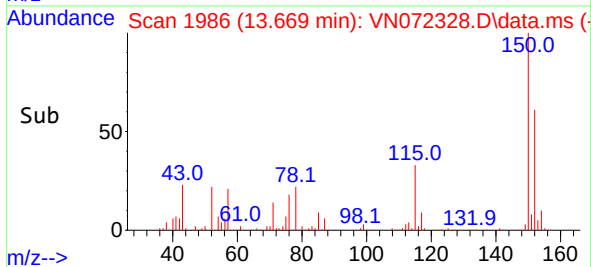
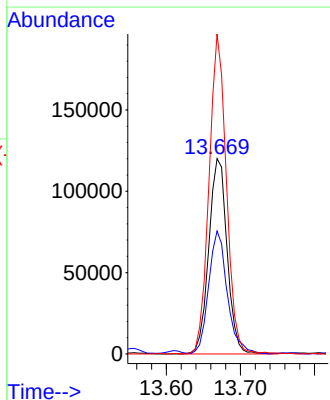
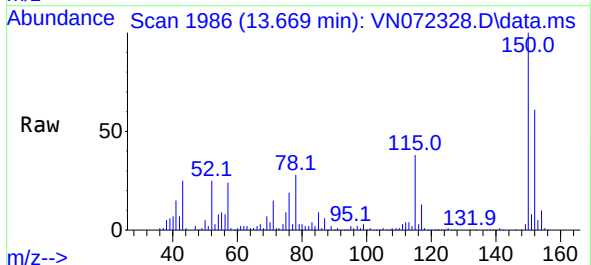
Instrument : MSVOA_N
ClientSampleId : 31487

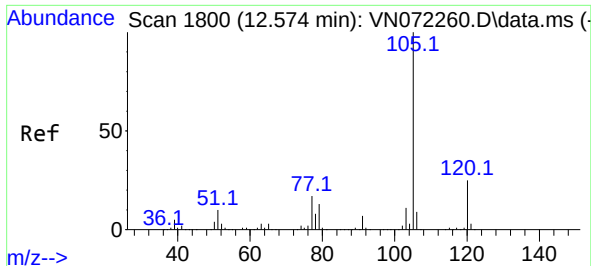
Tgt Ion:106 Resp: 39362
Ion Ratio Lower Upper
106 100
91 229.9 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion:152 Resp: 206681
Ion Ratio Lower Upper
152 100
115 64.2 28.9 86.7
150 155.0 0.0 356.2

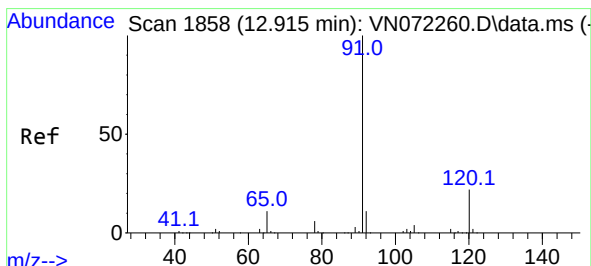
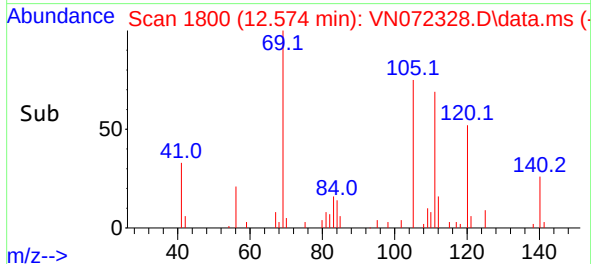
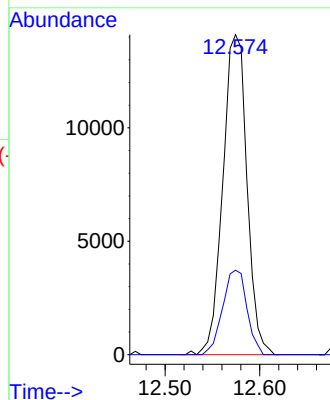
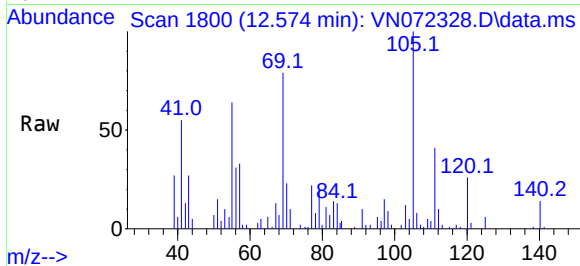




#73
Isopropylbenzene
Concen: 1.368 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

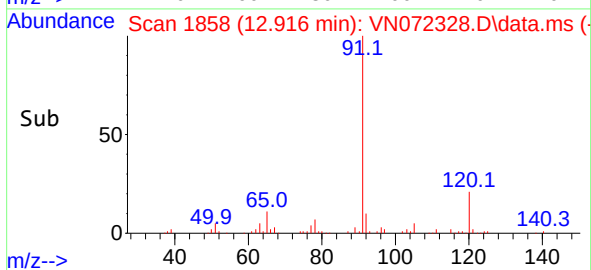
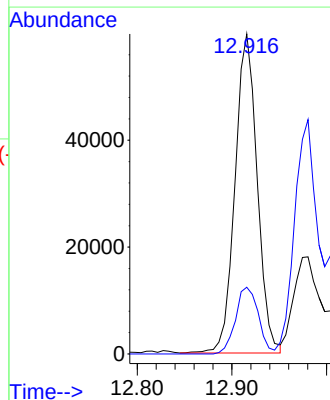
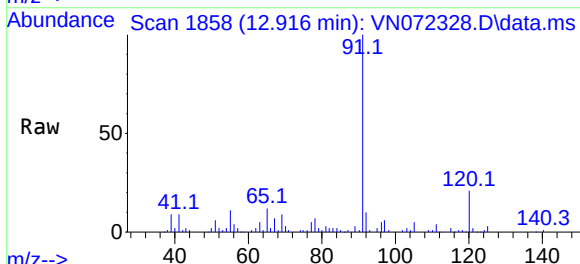
Instrument :
MSVOA_N
ClientSampleId :
31487

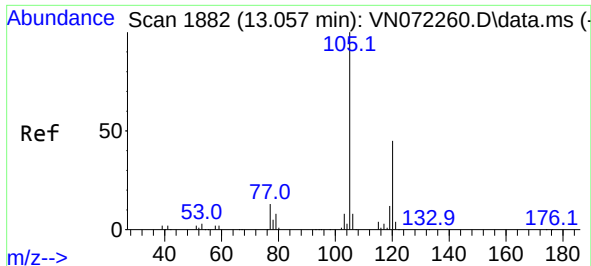
Tgt Ion:105 Resp: 24965
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#78
n-propylbenzene
Concen: 4.823 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 91 Resp: 96995
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5

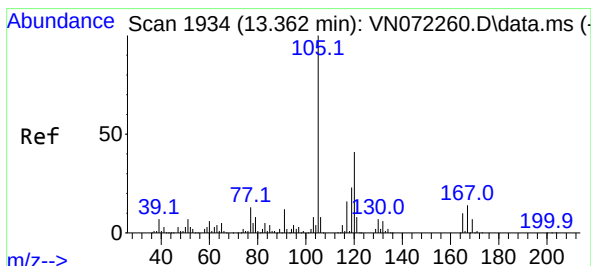
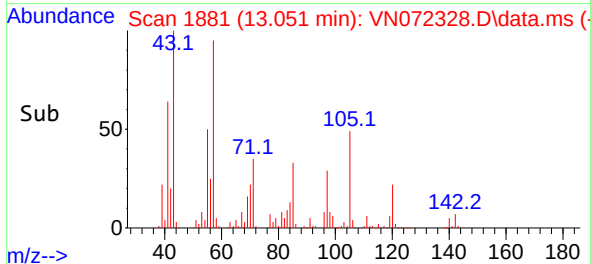
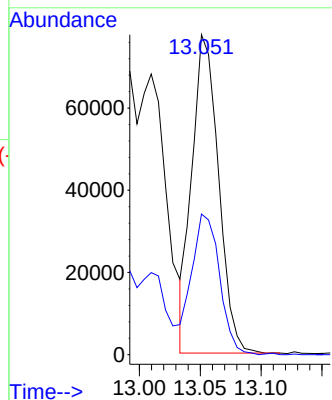
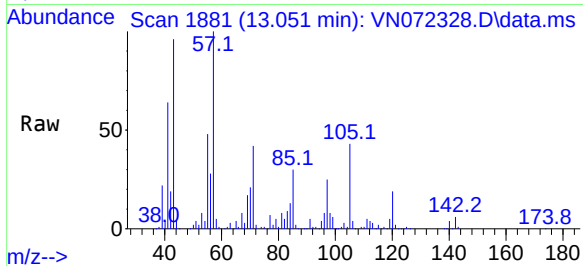




#80
1,3,5-Trimethylbenzene
Concen: 7.711 ug/l
RT: 13.051 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

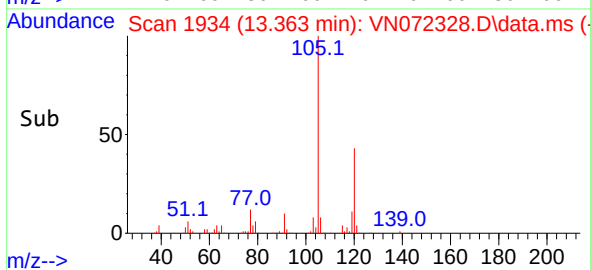
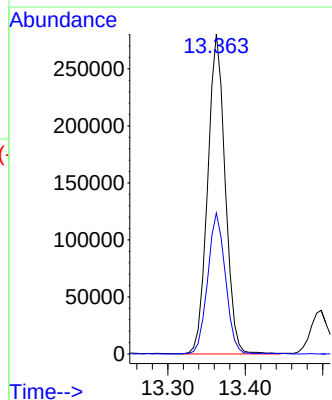
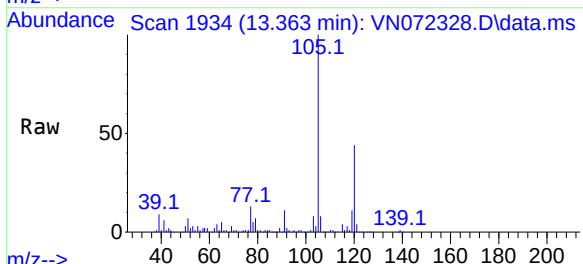
Instrument :
MSVOA_N
ClientSampleId :
31487

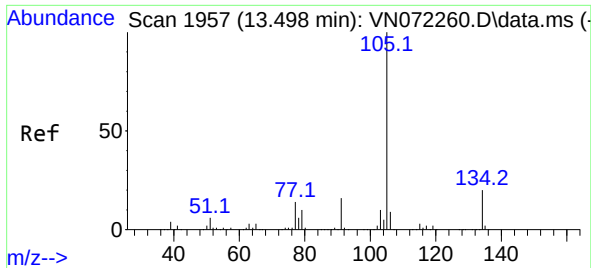
Tgt Ion:105 Resp: 117220
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 29.963 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion:105 Resp: 440713
Ion Ratio Lower Upper
105 100
120 44.7 23.3 69.8

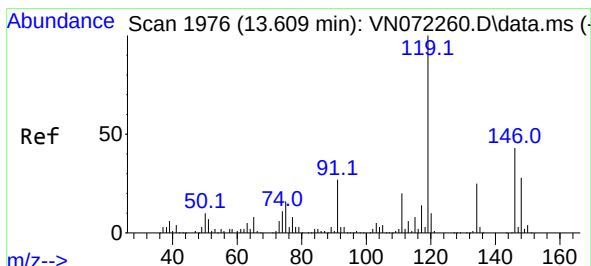
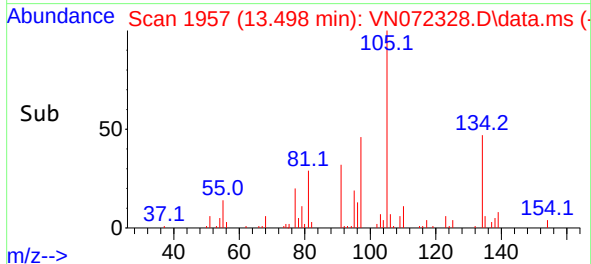
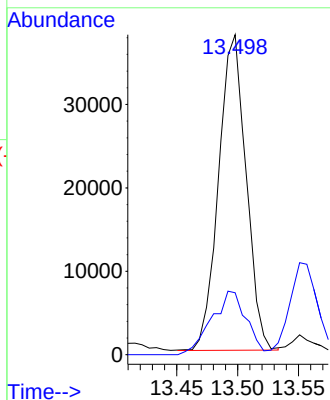
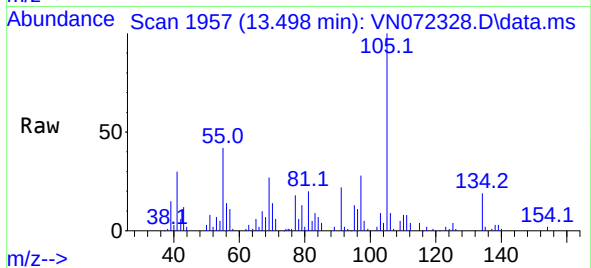




#85
 sec-Butylbenzene
 Concen: 3.411 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072328.D
 Acq: 04 May 2022 15:14

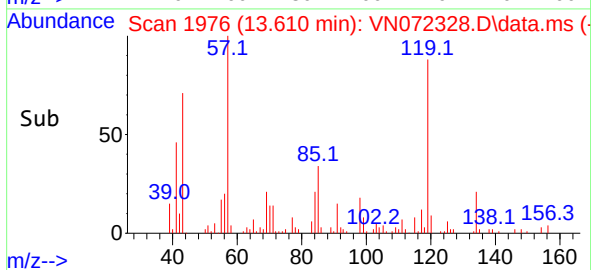
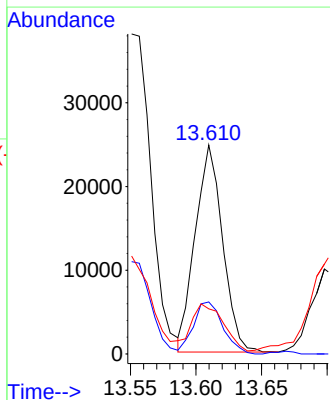
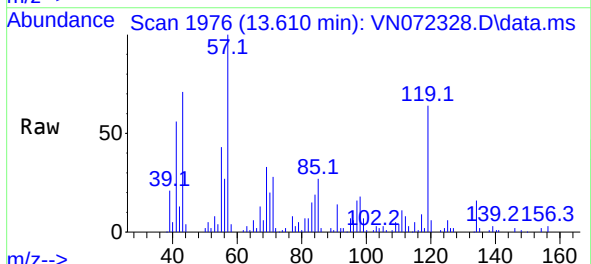
Instrument :
 MSVOA_N
 ClientSampleId :
 31487

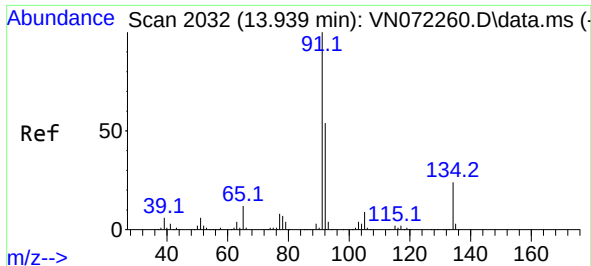
Tgt Ion:105 Resp: 59364
 Ion Ratio Lower Upper
 105 100
 134 25.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 2.649 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072328.D
 Acq: 04 May 2022 15:14

Tgt Ion:119 Resp: 35941
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 27.1 11.3 33.9





#89

n-Butylbenzene

Concen: 7.561 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

31487

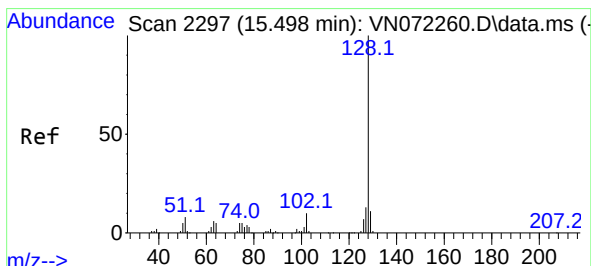
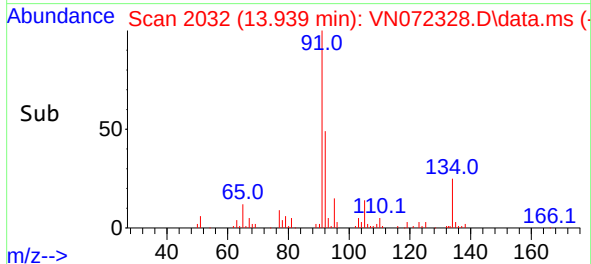
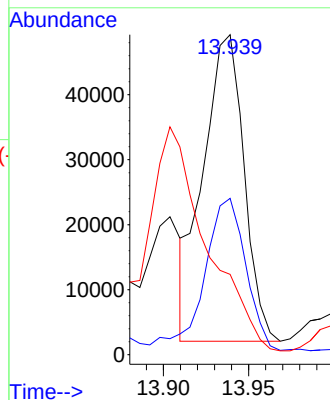
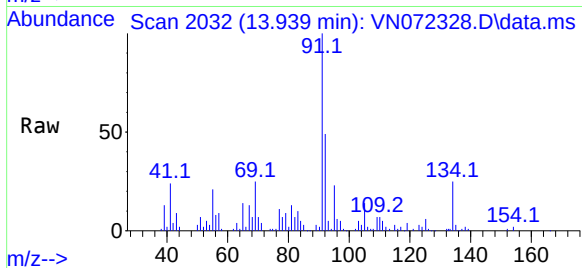
Tgt Ion: 91 Resp: 78574

Ion Ratio Lower Upper

91 100

92 51.6 26.9 80.7

134 0.0 13.6 40.8#



#95

Naphthalene

Concen: 7.317 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

Tgt Ion:128 Resp: 35347

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

129 9.2 8.6 13.0

