

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
 Data File : VN072574.D
 Acq On : 20 May 2022 13:59
 Operator : JC\MD
 Sample : N2965-06DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31599DL

Quant Time: May 21 01:32:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

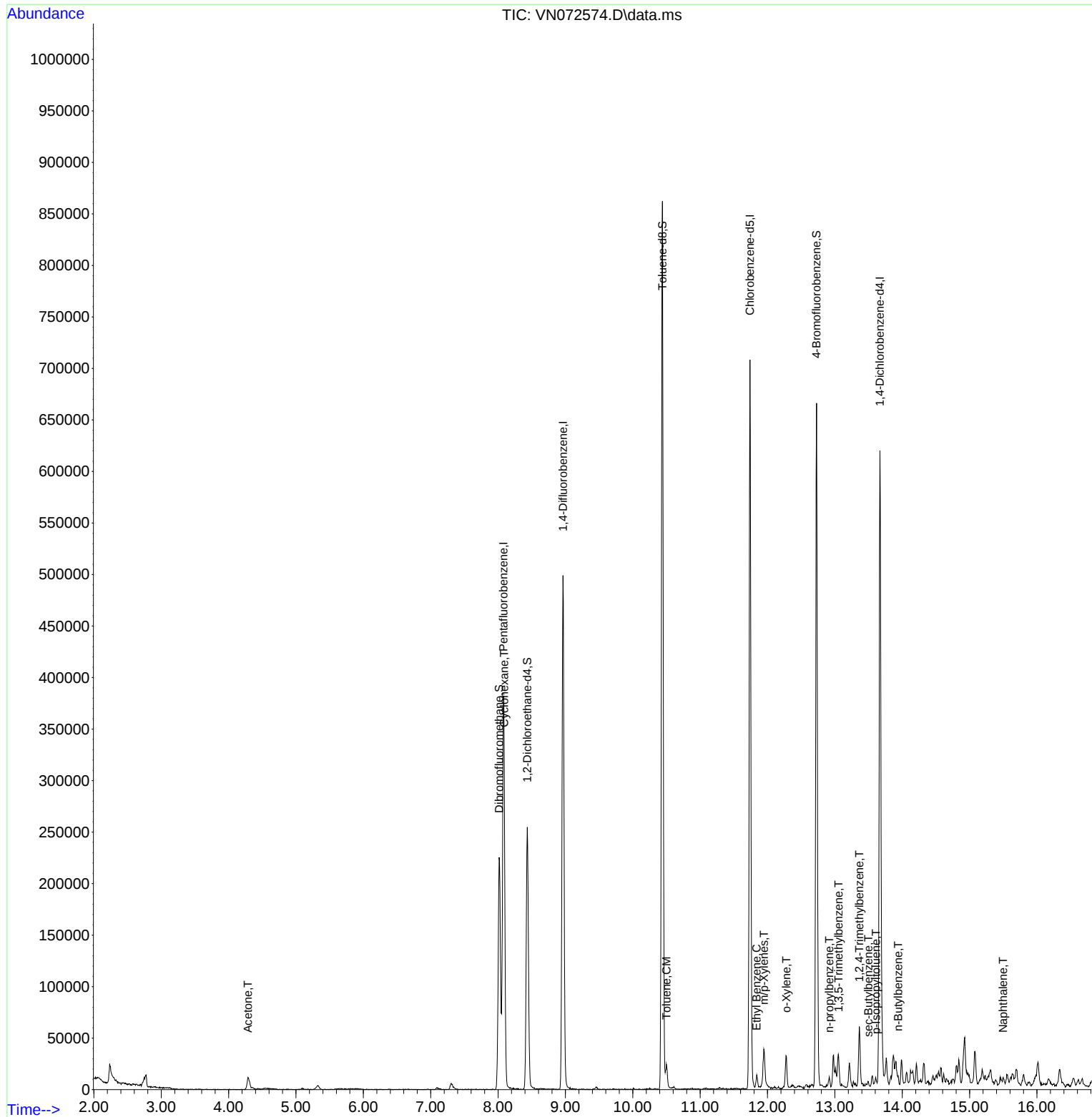
Internal Standards						
1) Pentafluorobenzene	8.081	168	282351	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	421050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	391377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	170421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	234921	53.550	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.100%	
35) Dibromofluoromethane	8.016	113	161406	56.814	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 113.620%	
50) Toluene-d8	10.439	98	587588	54.641	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 109.280%	
62) 4-Bromofluorobenzene	12.727	95	225683	55.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 110.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	20714	15.577	ug/l	# 78
31) Cyclohexane	8.092	56	6647	1.363	ug/l	# 42
52) Toluene	10.498	92	8052	1.099	ug/l	99
67) Ethyl Benzene	11.839	91	8404	0.605	ug/l	99
68) m/p-Xylenes	11.945	106	9734	1.821	ug/l	87
69) o-Xylene	12.280	106	8178	1.502	ug/l	95
78) n-propylbenzene	12.916	91	7559	0.491	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	12334	1.009	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	32804	2.799	ug/l	96
85) sec-Butylbenzene	13.498	105	3727	0.277	ug/l	92
86) p-Isopropyltoluene	13.610	119	3007	0.271	ug/l	# 76
89) n-Butylbenzene	13.939	91	3767	0.449	ug/l	# 73
95) Naphthalene	15.498	128	8254	1.099	ug/l	# 93

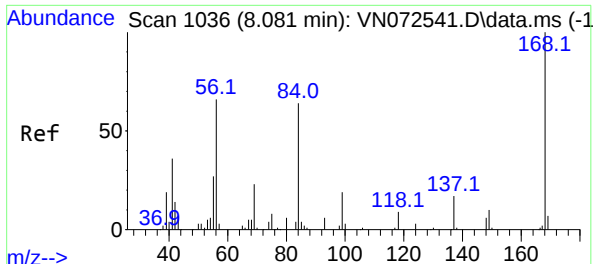
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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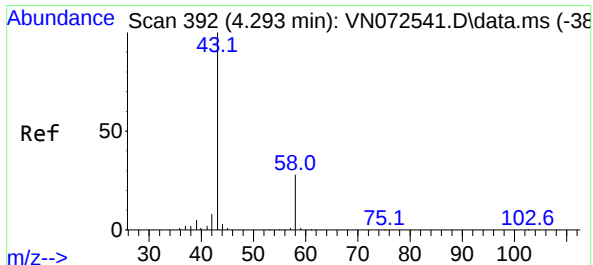
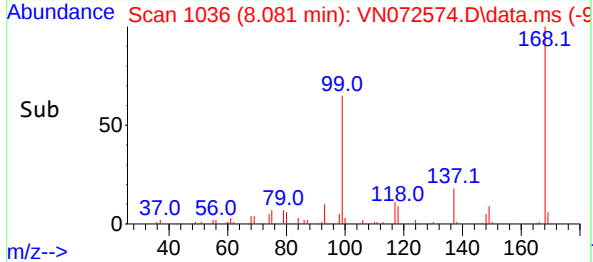
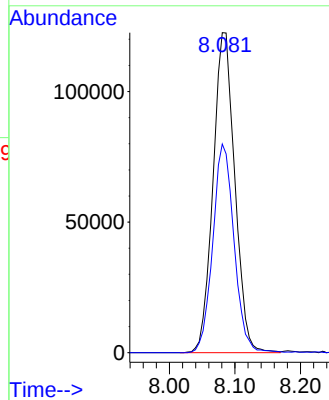
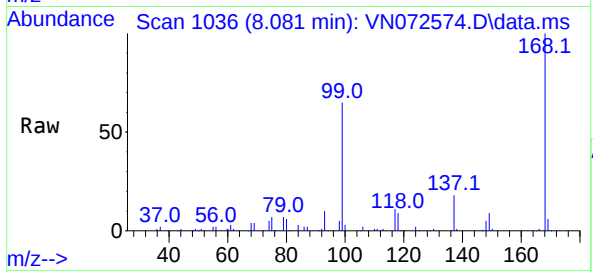




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

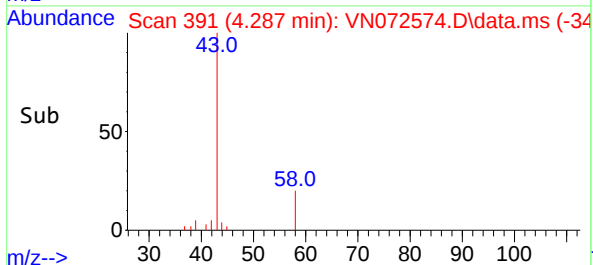
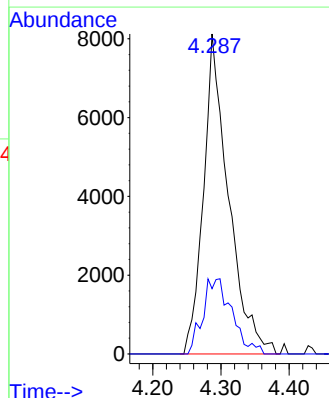
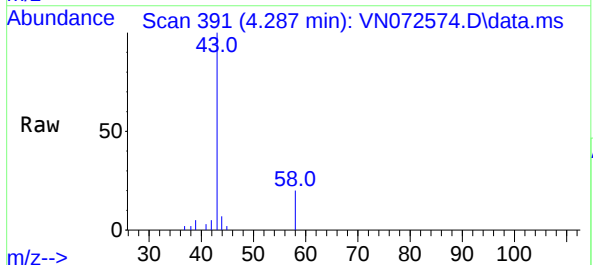
Instrument :
MSVOA_N
ClientSampleId :
31599DL

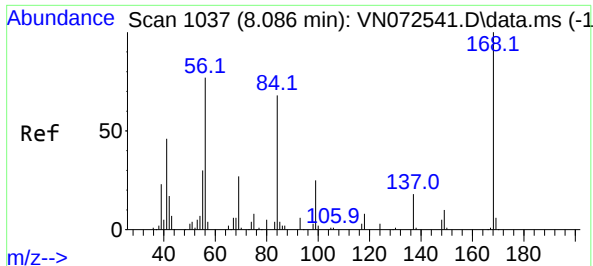
Tgt Ion:168 Resp: 282351
Ion Ratio Lower Upper
168 100
99 65.2 42.3 63.5#



#16
Acetone
Concen: 15.577 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

Tgt Ion: 43 Resp: 20714
Ion Ratio Lower Upper
43 100
58 20.4 26.0 39.0#





#31

Cyclohexane

Concen: 1.363 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VN072574.D

Acq: 20 May 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

31599DL

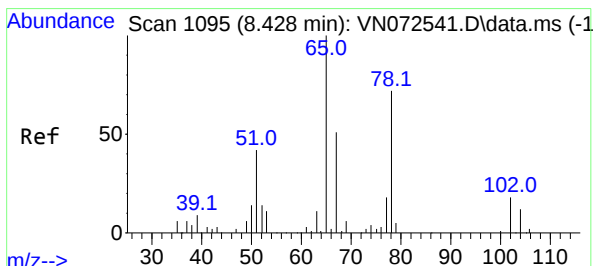
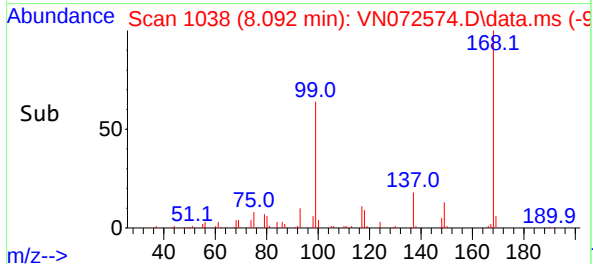
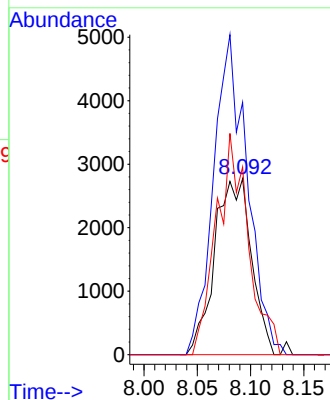
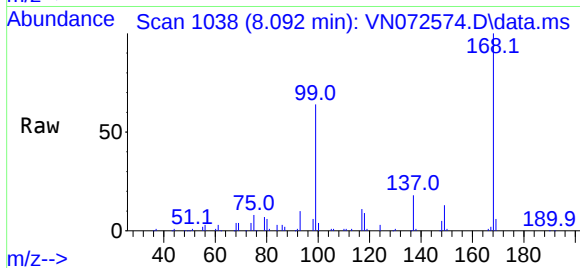
Tgt Ion: 56 Resp: 6647

Ion Ratio Lower Upper

56 100

69 143.4 27.8 41.8#

84 106.7 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 53.550 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.006 min

Lab File: VN072574.D

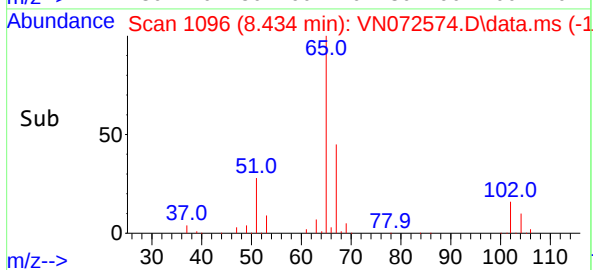
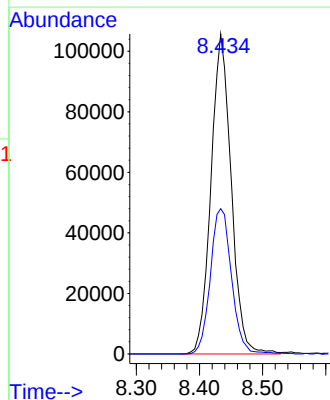
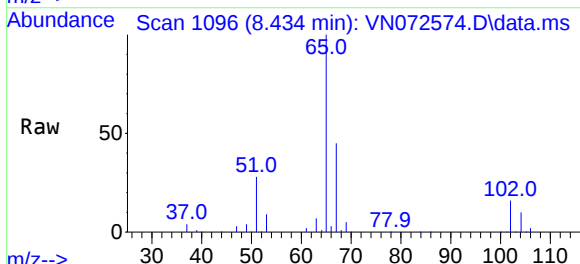
Acq: 20 May 2022 13:59

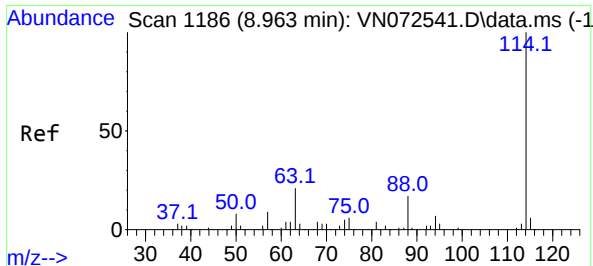
Tgt Ion: 65 Resp: 234921

Ion Ratio Lower Upper

65 100

67 47.6 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: VN072574.D

Acq: 20 May 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

31599DL

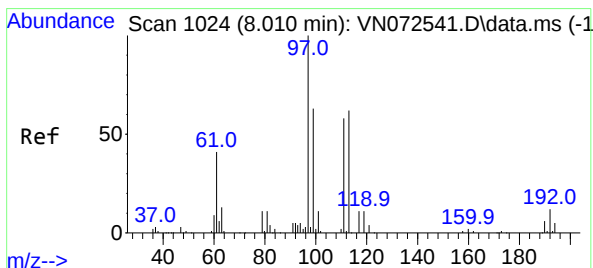
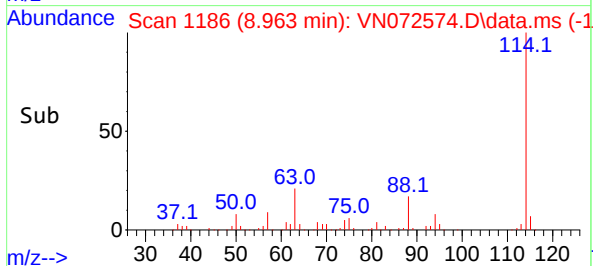
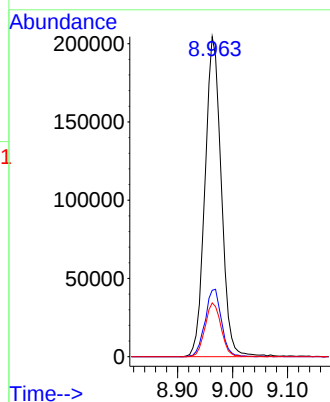
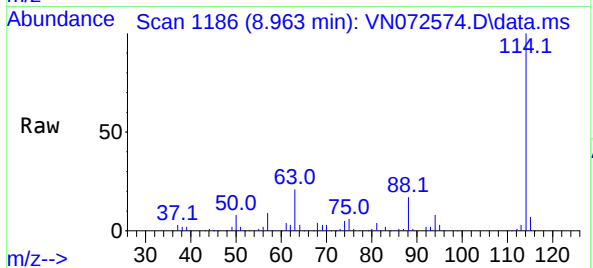
Tgt Ion:114 Resp: 421050

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 56.814 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072574.D

Acq: 20 May 2022 13:59

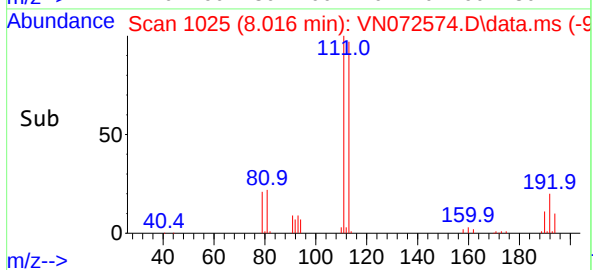
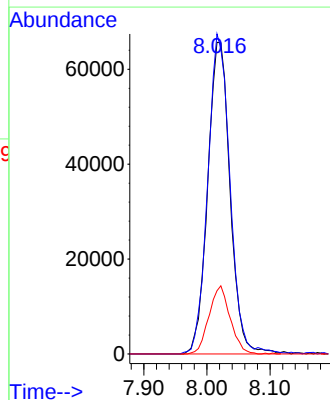
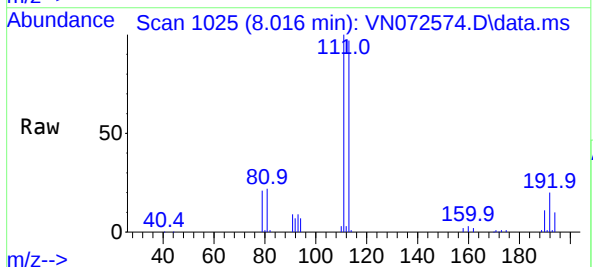
Tgt Ion:113 Resp: 161406

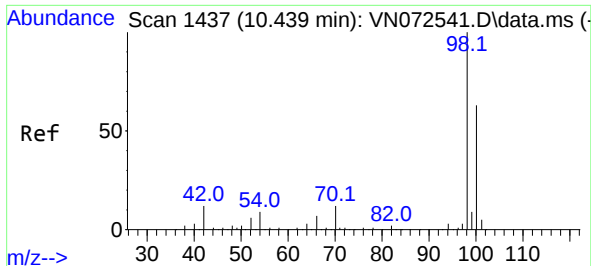
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 20.6 17.0 25.6

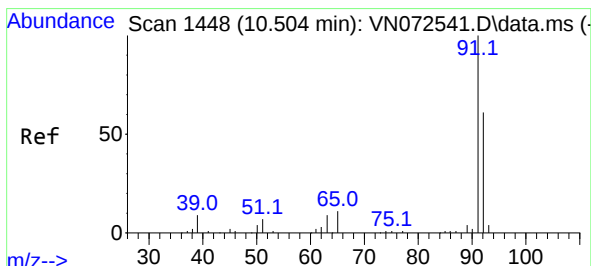
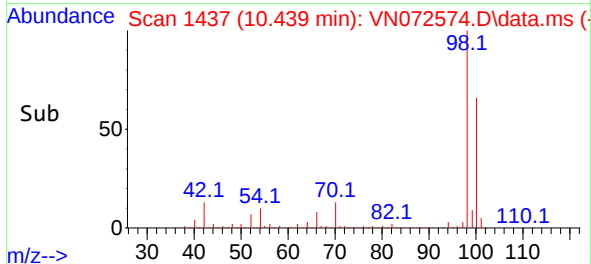
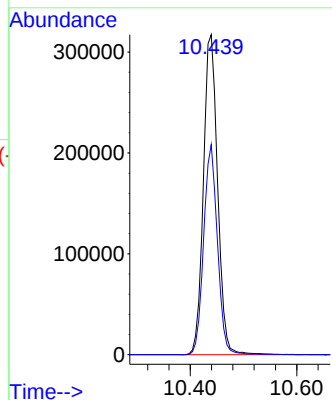
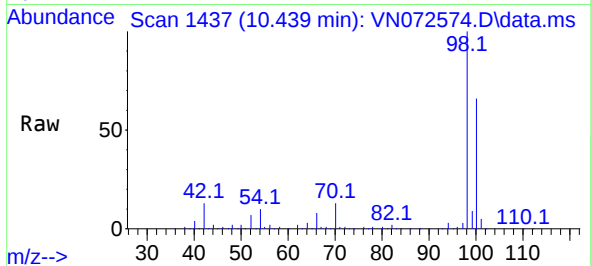




#50
Toluene-d8
Concen: 54.641 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

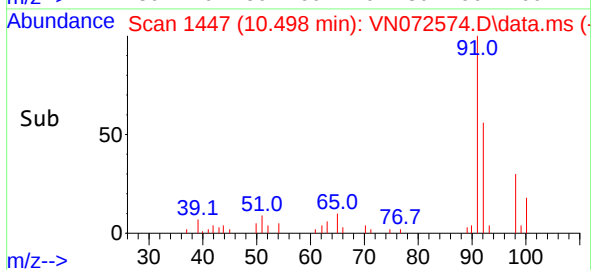
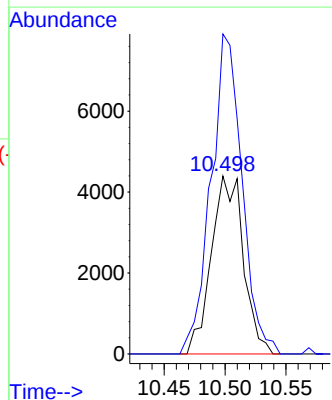
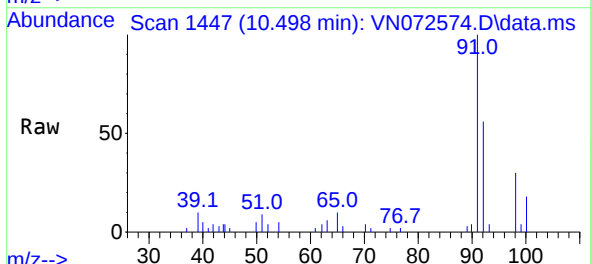
Instrument :
MSVOA_N
ClientSampleId :
31599DL

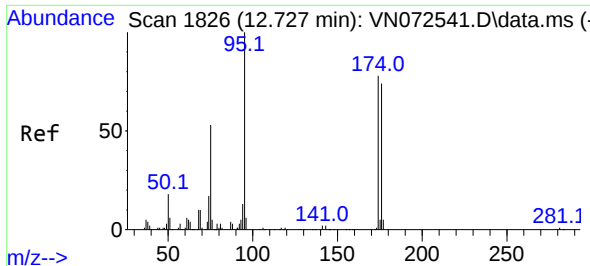
Tgt Ion: 98 Resp: 587588
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8



#52
Toluene
Concen: 1.099 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

Tgt Ion: 92 Resp: 8052
Ion Ratio Lower Upper
92 100
91 174.6 138.6 207.8

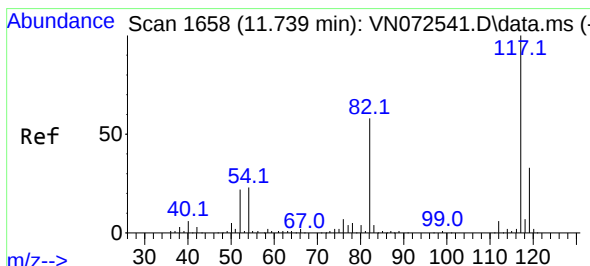
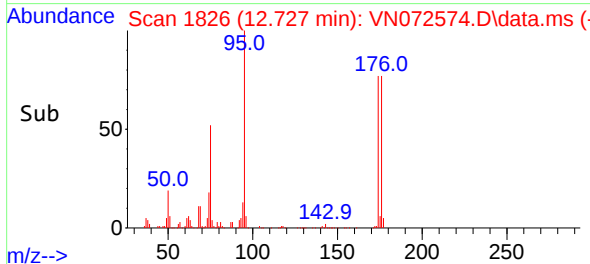
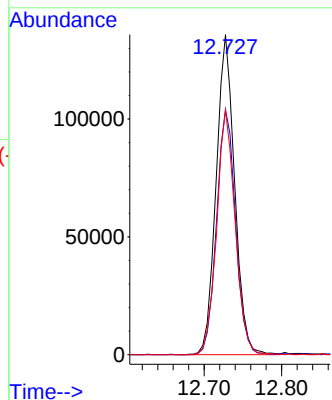
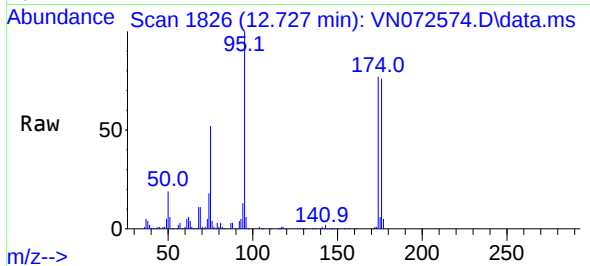




#62
4-Bromofluorobenzene
Concen: 55.249 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

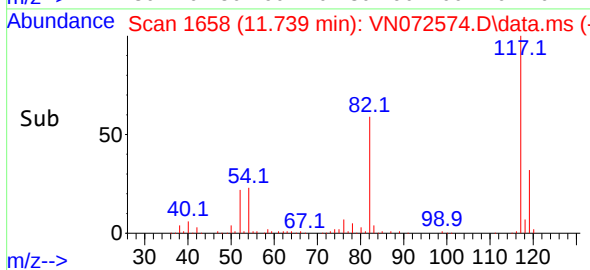
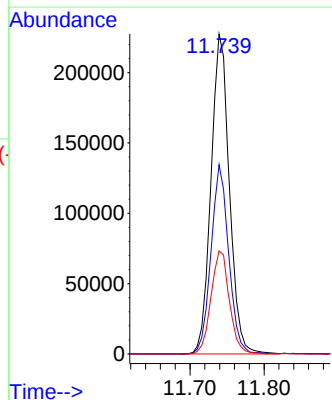
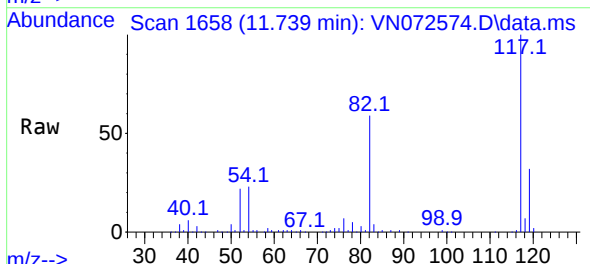
Instrument :
MSVOA_N
ClientSampleId :
31599DL

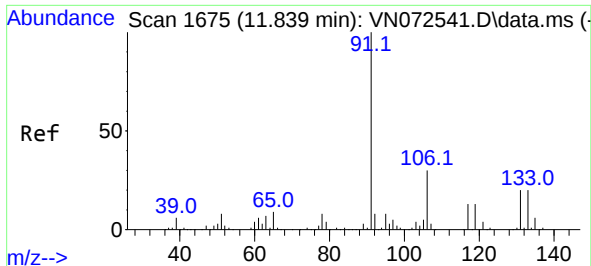
Tgt Ion: 95 Resp: 225683
Ion Ratio Lower Upper
95 100
174 78.7 0.0 167.6
176 76.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

Tgt Ion: 117 Resp: 391377
Ion Ratio Lower Upper
117 100
82 59.1 44.2 66.2
119 32.2 25.4 38.0





#67

Ethyl Benzene

Concen: 0.605 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN072574.D

Acq: 20 May 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

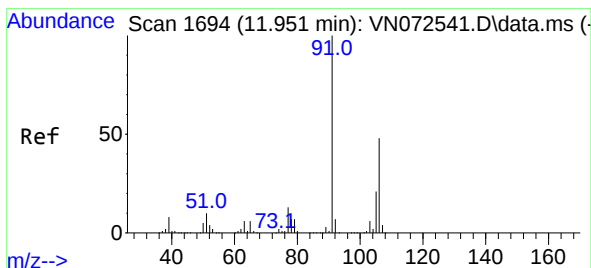
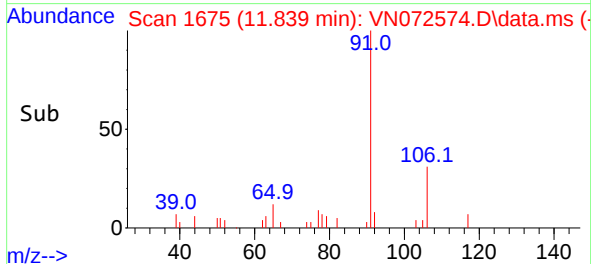
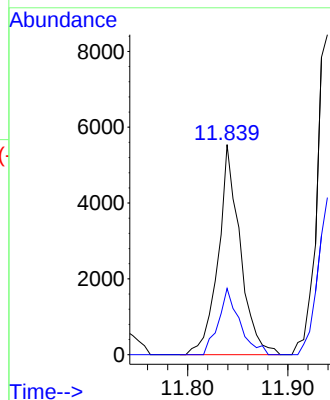
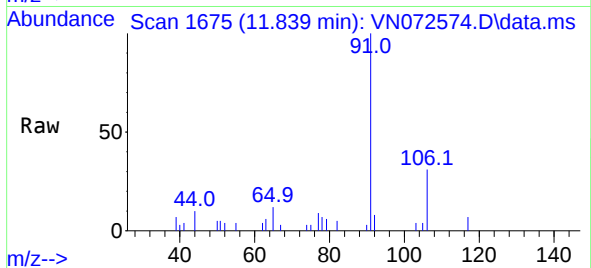
31599DL

Tgt Ion: 91 Resp: 8404

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 1.821 ug/l

RT: 11.945 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VN072574.D

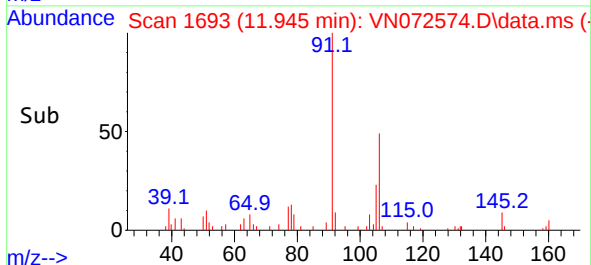
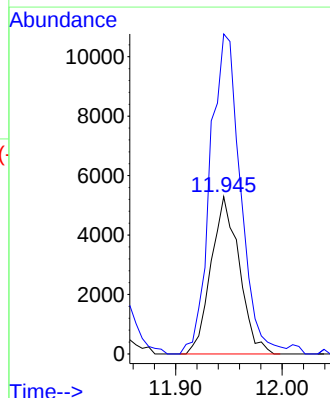
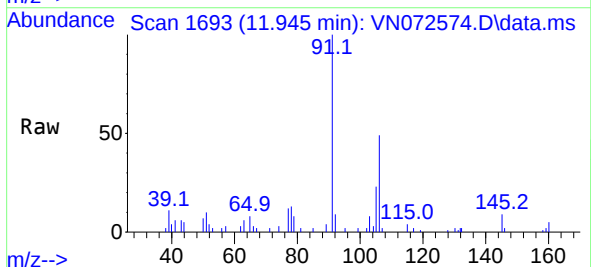
Acq: 20 May 2022 13:59

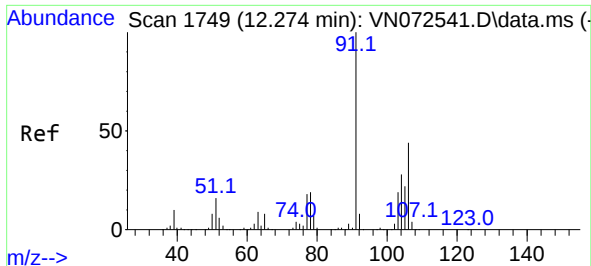
Tgt Ion: 106 Resp: 9734

Ion Ratio Lower Upper

106 100

91 218.5 158.9 238.3

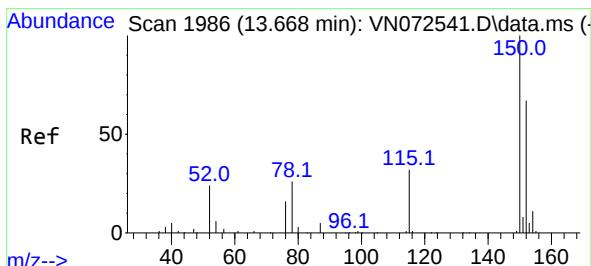
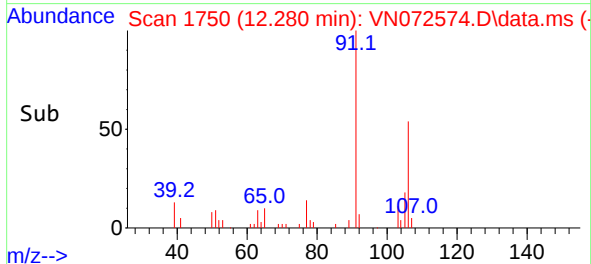
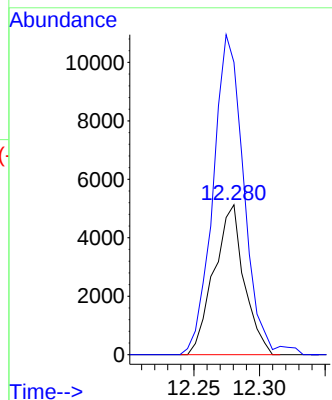
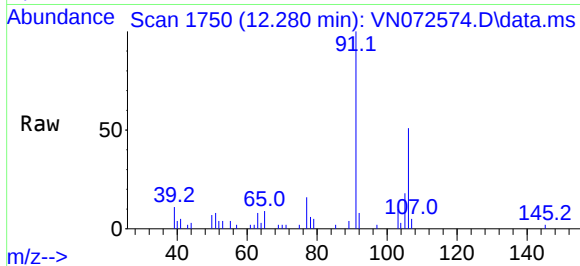




#69
o-Xylene
Concen: 1.502 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

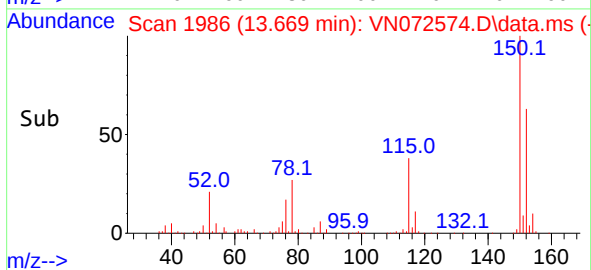
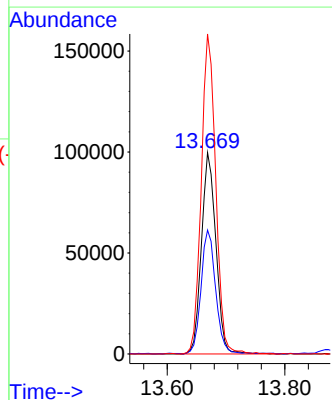
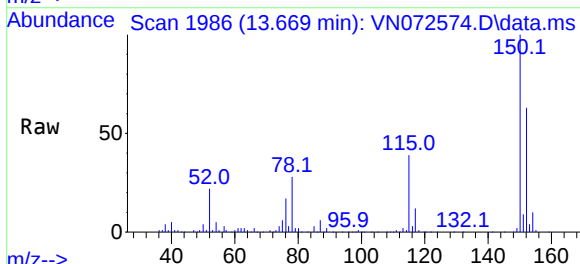
Instrument :
MSVOA_N
ClientSampleId :
31599DL

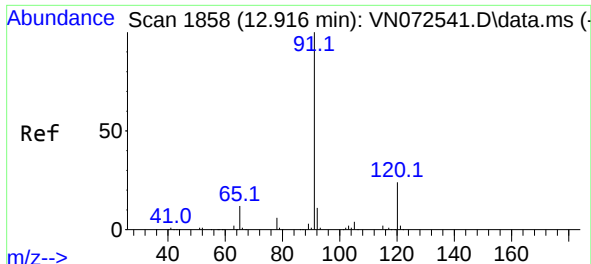
Tgt Ion:106 Resp: 8178
Ion Ratio Lower Upper
106 100
91 219.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

Tgt Ion:152 Resp: 170421
Ion Ratio Lower Upper
152 100
115 62.4 28.9 86.7
150 158.4 0.0 356.2

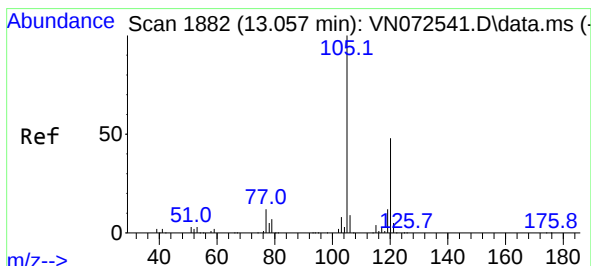
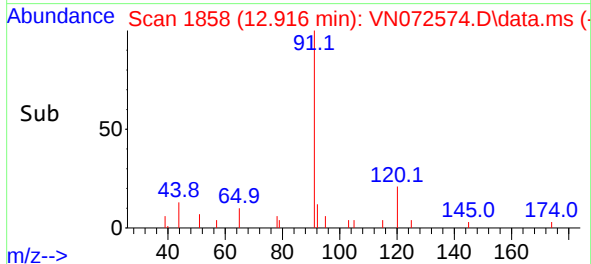
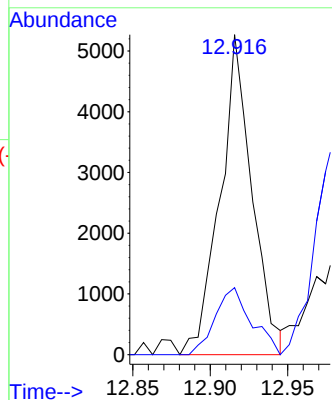
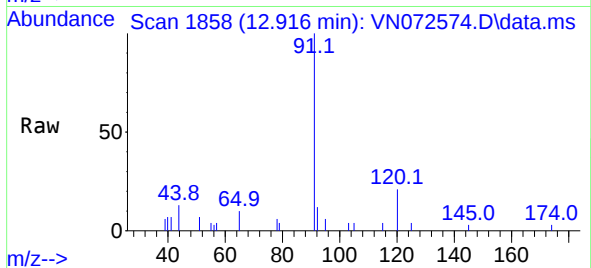




#78
n-propylbenzene
Concen: 0.491 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

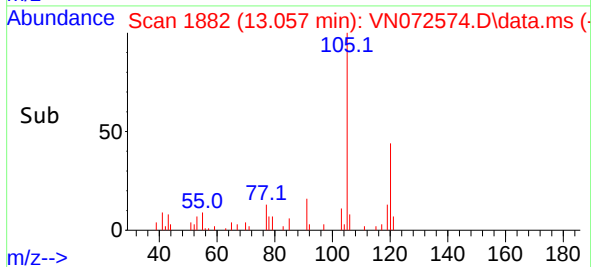
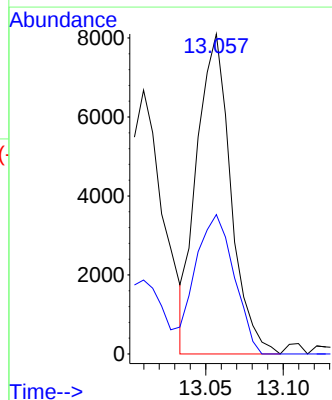
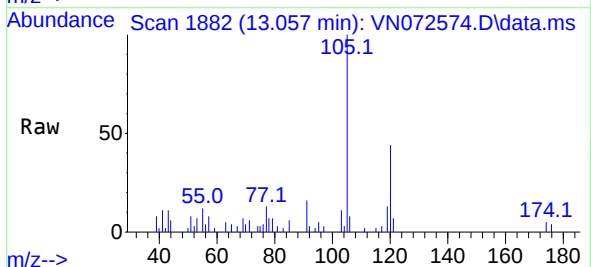
Instrument :
MSVOA_N
ClientSampleId :
31599DL

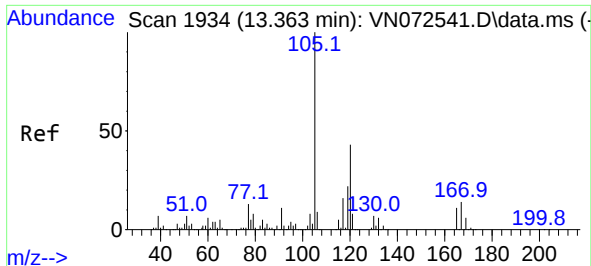
Tgt Ion: 91 Resp: 7559
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 1.009 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

Tgt Ion: 105 Resp: 12334
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.7

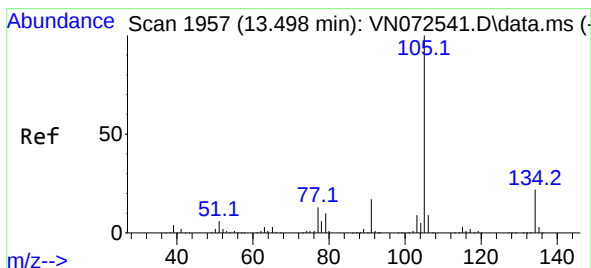
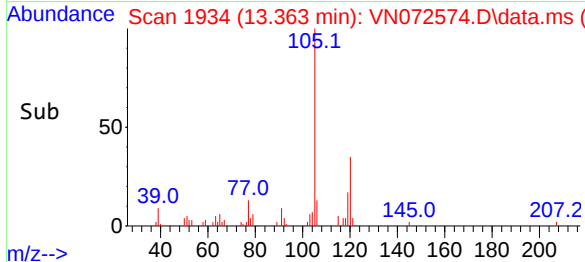
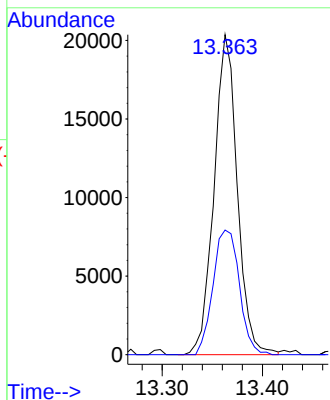
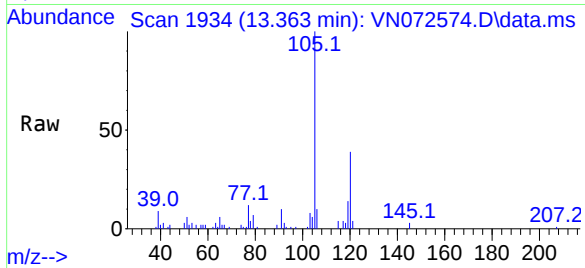




#84
1,2,4-Trimethylbenzene
Concen: 2.799 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

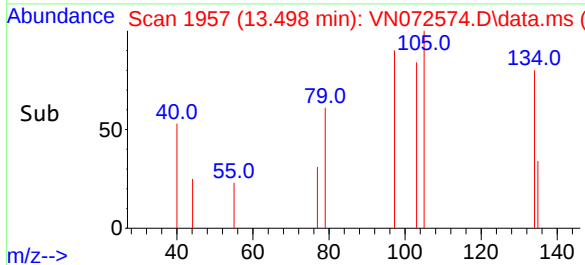
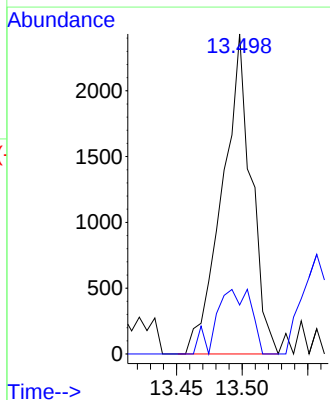
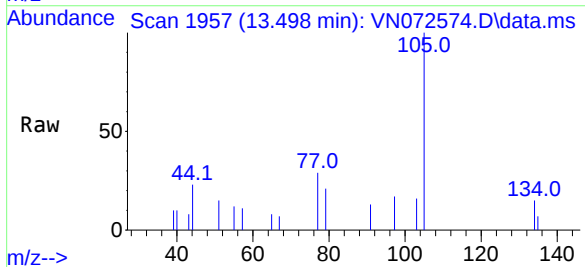
Instrument :
MSVOA_N
ClientSampleId :
31599DL

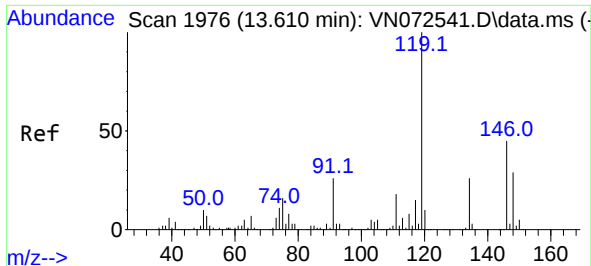
Tgt Ion:105 Resp: 32804
Ion Ratio Lower Upper
105 100
120 44.1 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.277 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

Tgt Ion:105 Resp: 3727
Ion Ratio Lower Upper
105 100
134 24.4 10.4 31.1

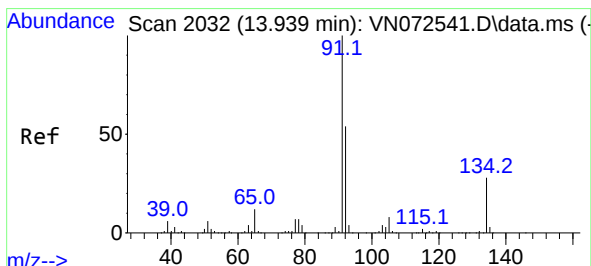
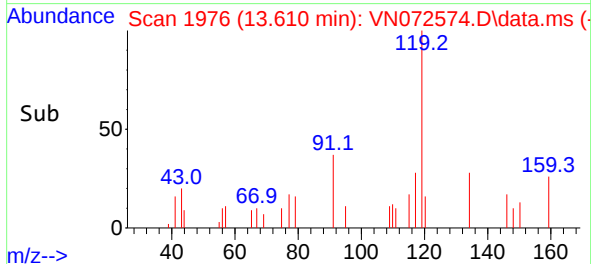
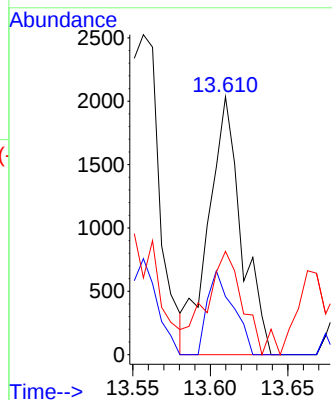
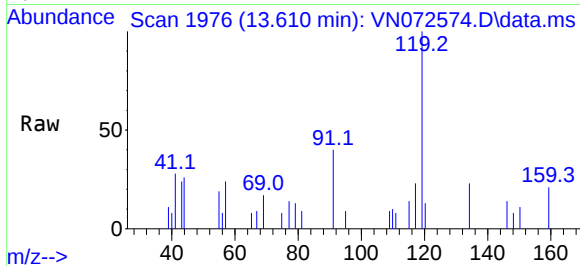




#86
p-Isopropyltoluene
Concen: 0.271 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

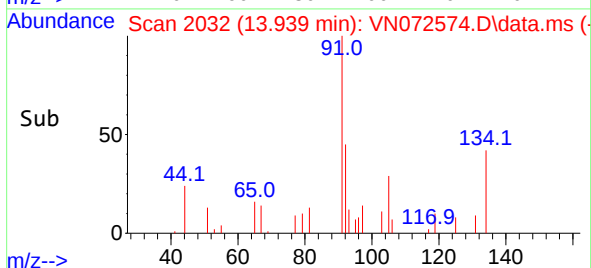
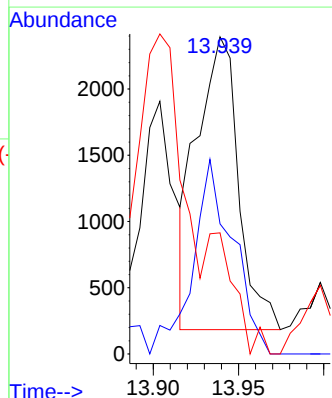
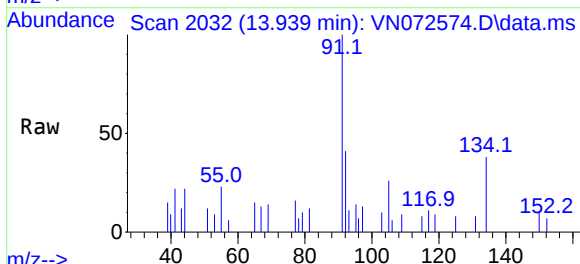
Instrument :
MSVOA_N
ClientSampleId :
31599DL

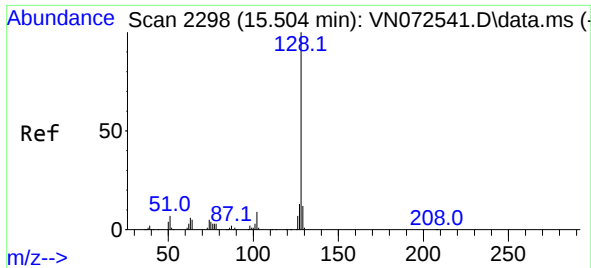
Tgt Ion:	119	Resp:	3007
Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.3	39.8
91	46.1	11.3	33.9#



#89
n-Butylbenzene
Concen: 0.449 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072574.D
Acq: 20 May 2022 13:59

Tgt Ion:	91	Resp:	3767
Ion	Ratio	Lower	Upper
91	100		
92	63.7	26.9	80.7
134	0.0	13.6	40.8#





#95

Naphthalene

Concen: 1.099 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072574.D

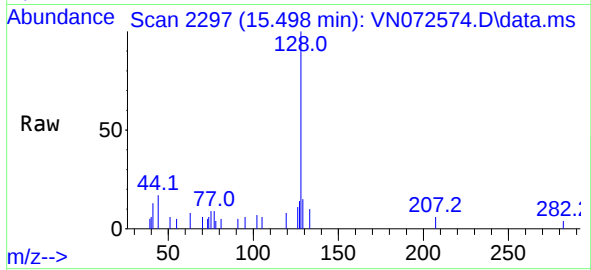
Acq: 20 May 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

31599DL



Tgt Ion:128 Resp: 8254

Ion Ratio Lower Upper

128 100

127 15.5 10.3 15.5#

129 13.6 8.6 13.0#

