

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072610.D
 Acq On : 25 May 2022 00:56
 Operator : JC\MD
 Sample : N2968-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-29

Quant Time: May 25 09:25:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

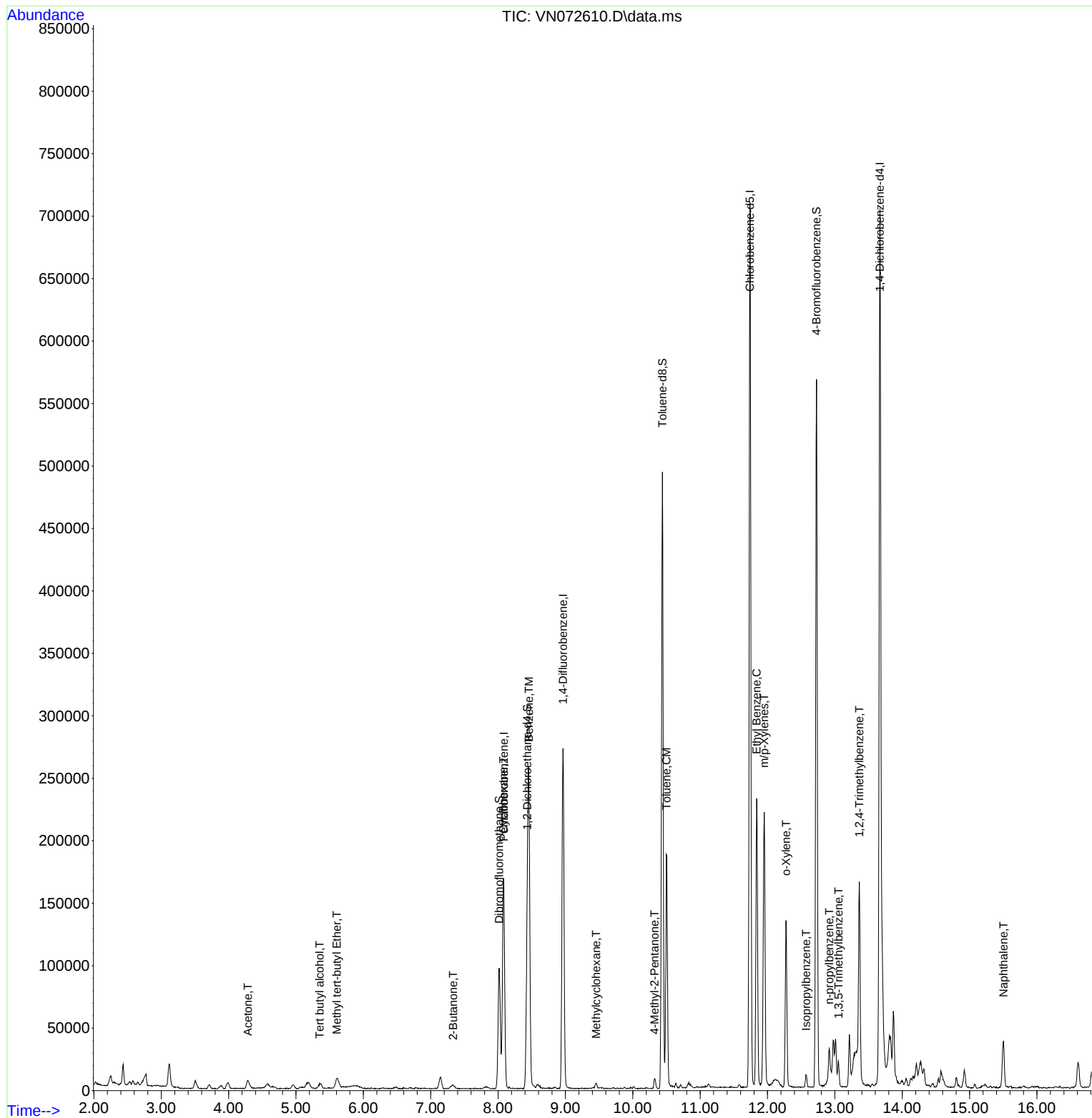
Internal Standards						
1) Pentafluorobenzene	8.086	168	129169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	244050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	431898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	198211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	86260	58.708	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.420%
35) Dibromofluoromethane	8.016	113	69112	43.693	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	87.380%
50) Toluene-d8	10.439	98	328584	54.404	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.800%
62) 4-Bromofluorobenzene	12.727	95	192144	97.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	195.640%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.351	59	8090	29.239	ug/l #	89
16) Acetone	4.287	43	12744	17.646	ug/l #	88
19) Methyl tert-butyl Ether	5.604	73	9760	2.424	ug/l #	90
25) 2-Butanone	7.333	43	4369	3.585	ug/l	94
31) Cyclohexane	8.080	56	5684	2.442	ug/l #	76
39) Methylcyclohexane	9.457	83	1643	0.596	ug/l	96
40) Benzene	8.457	78	220481	30.533	ug/l	98
51) 4-Methyl-2-Pentanone	10.321	43	5702	2.008	ug/l #	84
52) Toluene	10.498	92	75999	16.620	ug/l	98
67) Ethyl Benzene	11.839	91	175089	10.644	ug/l	98
68) m/p-Xylenes	11.951	106	74604	11.898	ug/l	99
69) o-Xylene	12.274	106	38133	6.291	ug/l	98
73) Isopropylbenzene	12.574	105	7755	0.439	ug/l	96
78) n-propylbenzene	12.915	91	19058	0.973	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	9968	0.726	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	87210	6.476	ug/l	99
95) Naphthalene	15.503	128	41091	3.331	ug/l	99

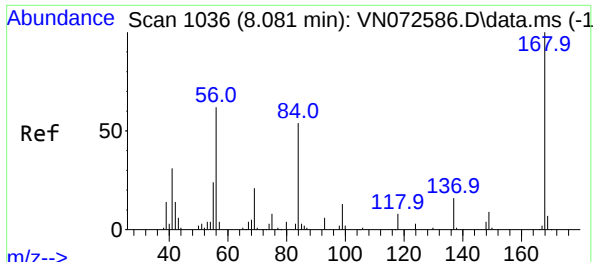
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 25 09:25:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260
QLast Update : Wed May 25 09:15:20 2022
Response via : Initial Calibration

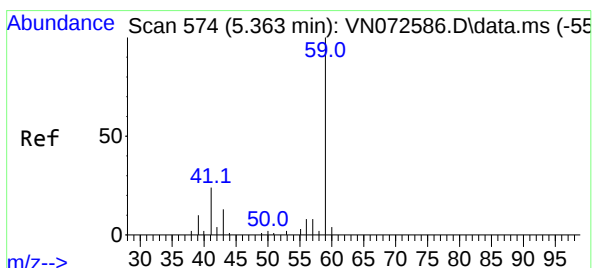
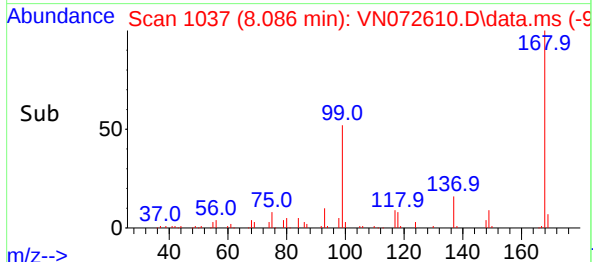
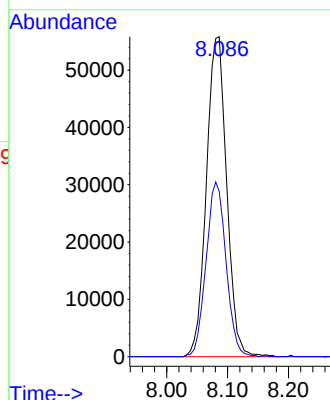
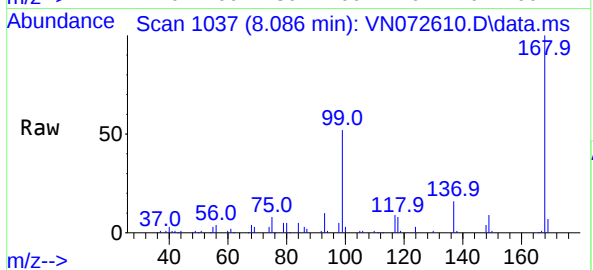




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

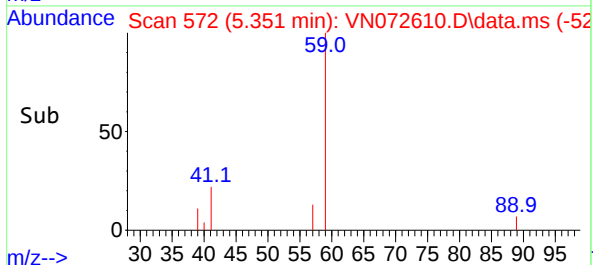
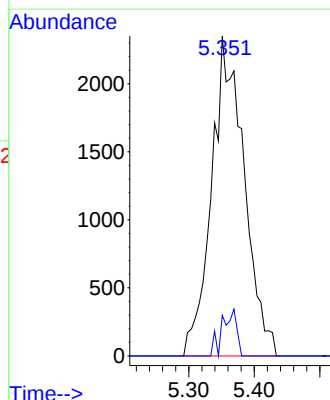
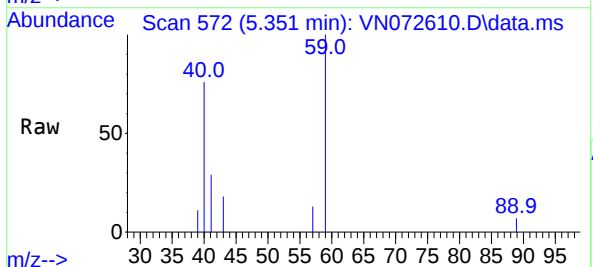
Instrument :
MSVOA_N
ClientSampleId :
MW-29

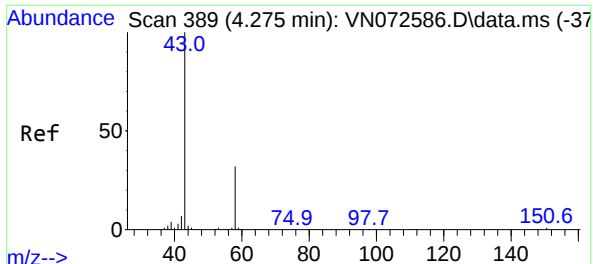
Tgt Ion:168 Resp: 129169
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5



#11
Tert butyl alcohol
Concen: 29.239 ug/l
RT: 5.351 min Scan# 572
Delta R.T. -0.012 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

Tgt Ion: 59 Resp: 8090
Ion Ratio Lower Upper
59 100
57 6.4 8.3 12.5#

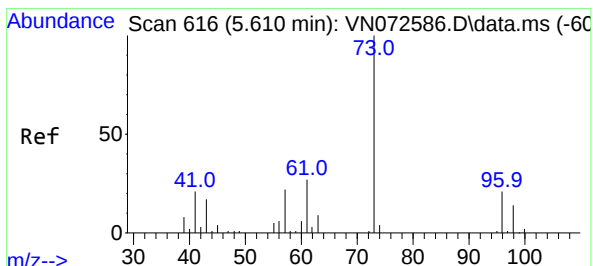
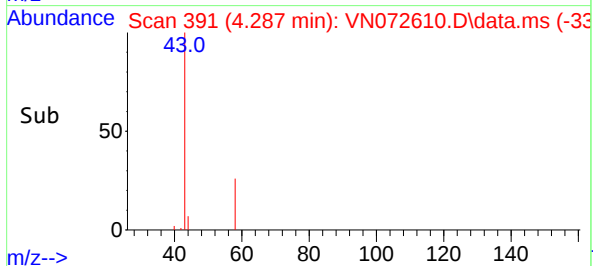
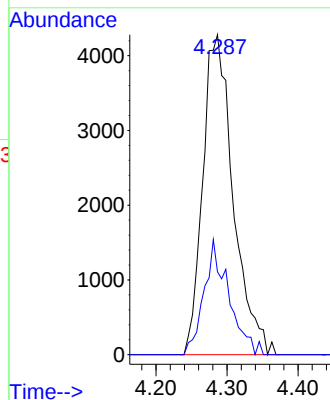
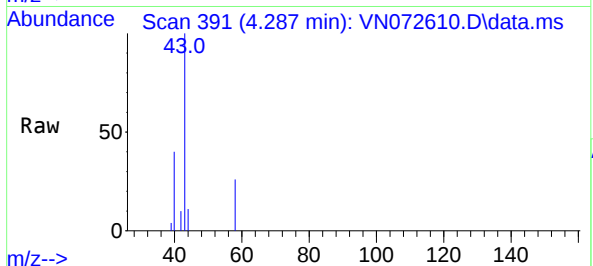




#16
Acetone
Concen: 17.646 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

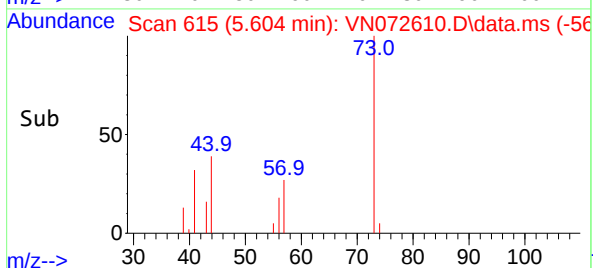
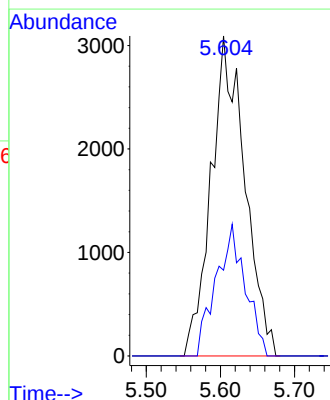
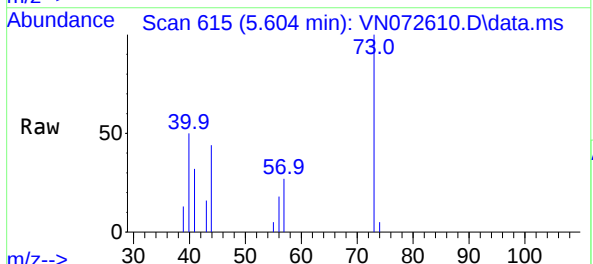
Instrument :
MSVOA_N
ClientSampleId :
MW-29

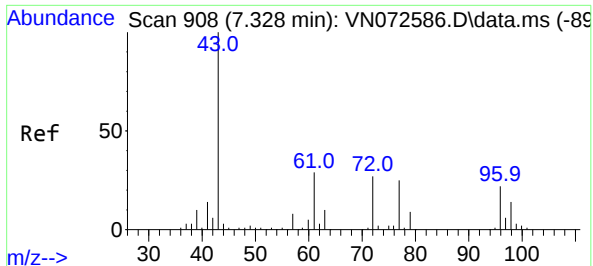
Tgt Ion: 43 Resp: 12744
Ion Ratio Lower Upper
43 100
58 25.9 26.0 39.0#



#19
Methyl tert-butyl Ether
Concen: 2.424 ug/l
RT: 5.604 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

Tgt Ion: 73 Resp: 9760
Ion Ratio Lower Upper
73 100
57 26.8 17.6 26.4#





#25

2-Butanone

Concen: 3.585 ug/l

RT: 7.333 min Scan# 908

Delta R.T. 0.005 min

Lab File: VN072610.D

Acq: 25 May 2022 00:56

Instrument :

MSVOA_N

ClientSampleId :

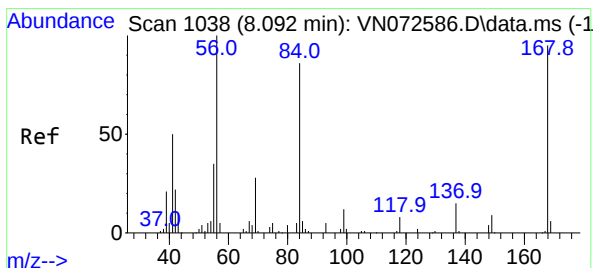
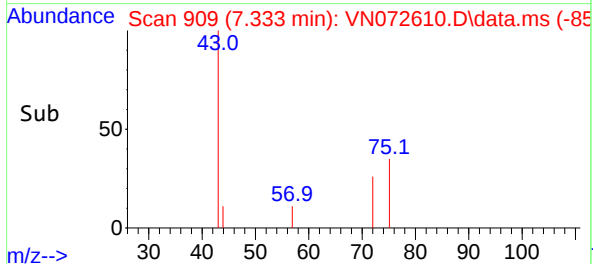
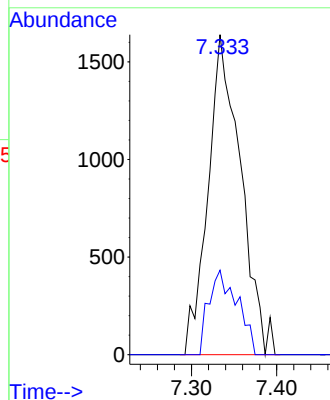
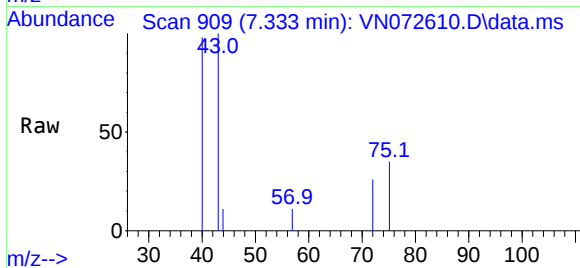
MW-29

Tgt Ion: 43 Resp: 4369

Ion Ratio Lower Upper

43 100

72 26.4 23.7 35.5



#31

Cyclohexane

Concen: 2.442 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN072610.D

Acq: 25 May 2022 00:56

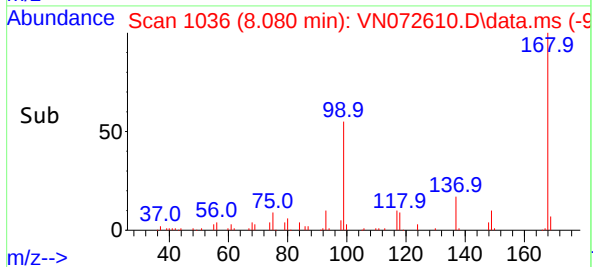
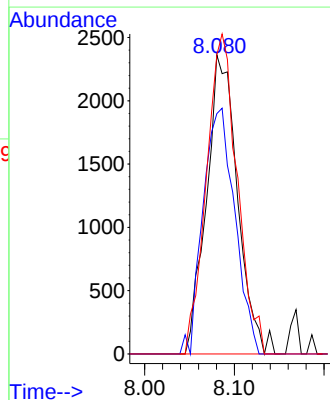
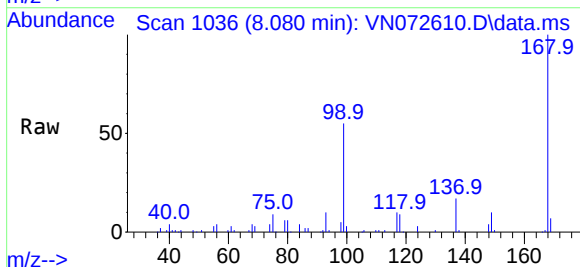
Tgt Ion: 56 Resp: 5684

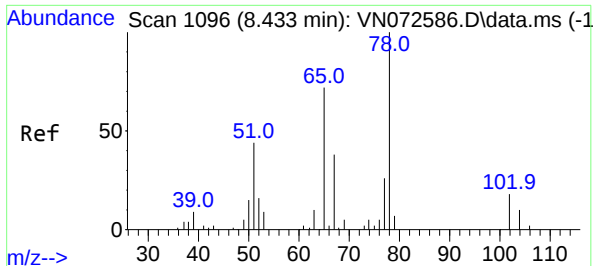
Ion Ratio Lower Upper

56 100

69 80.3 27.8 41.8#

84 100.0 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 58.708 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072610.D

Acq: 25 May 2022 00:56

Instrument :

MSVOA_N

ClientSampleId :

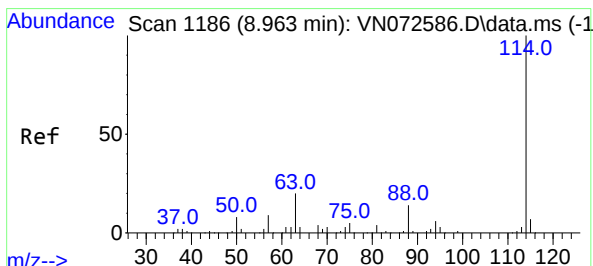
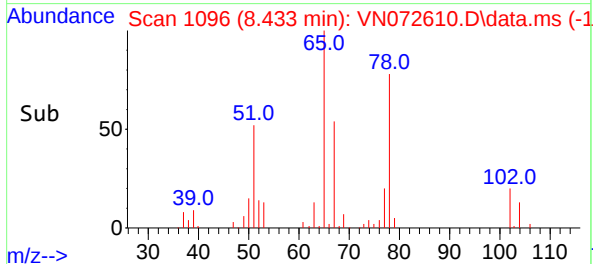
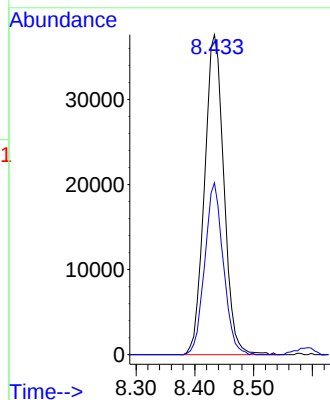
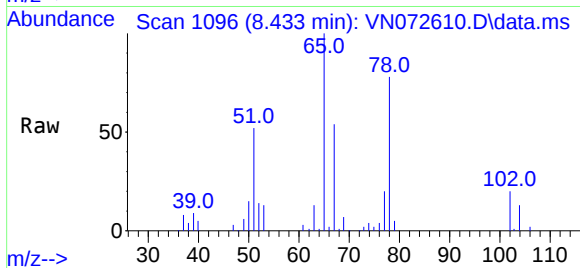
MW-29

Tgt Ion: 65 Resp: 86260

Ion Ratio Lower Upper

65 100

67 51.6 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: VN072610.D

Acq: 25 May 2022 00:56

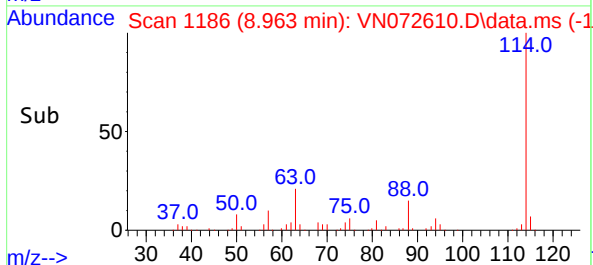
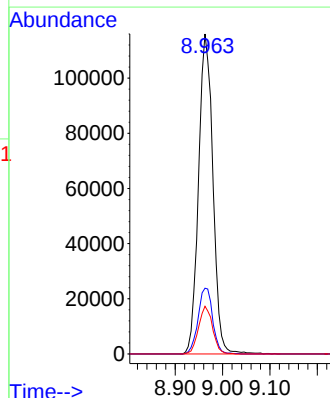
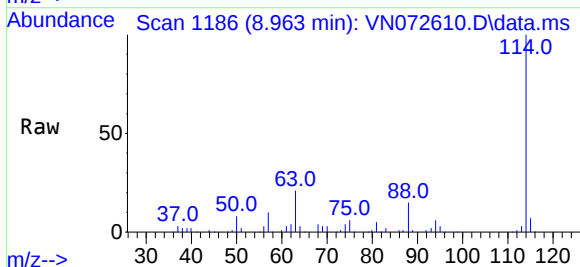
Tgt Ion:114 Resp: 244050

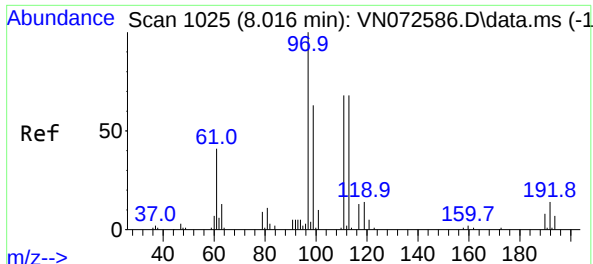
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 14.9 0.0 32.6

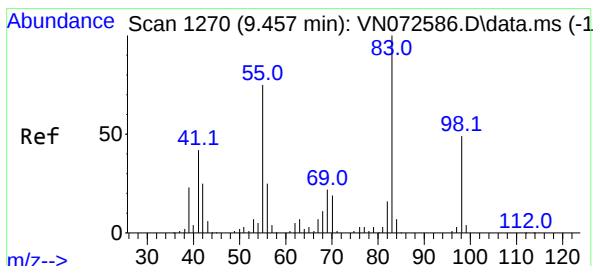
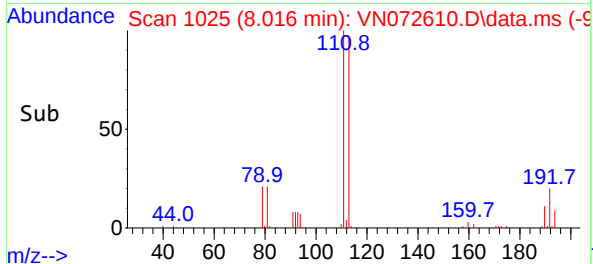
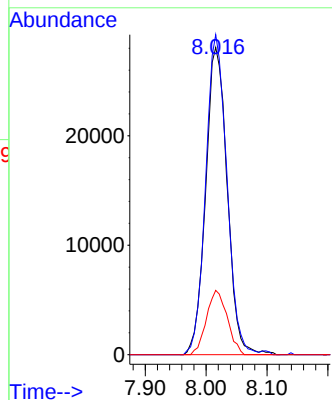
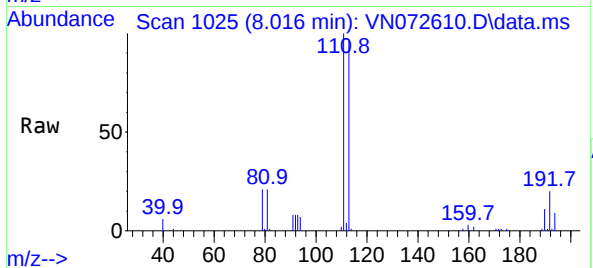




#35
Dibromofluoromethane
Concen: 43.693 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

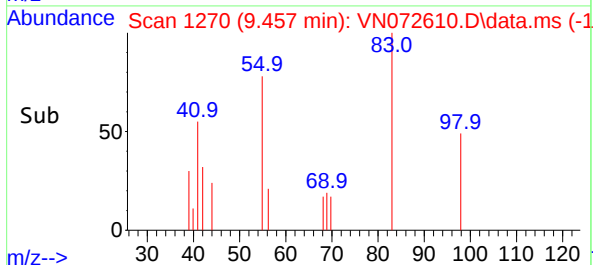
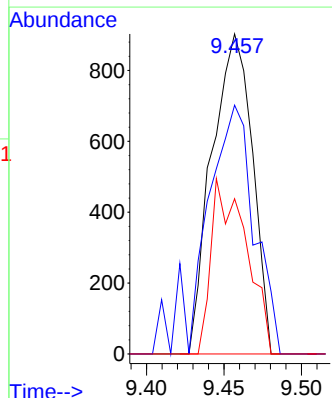
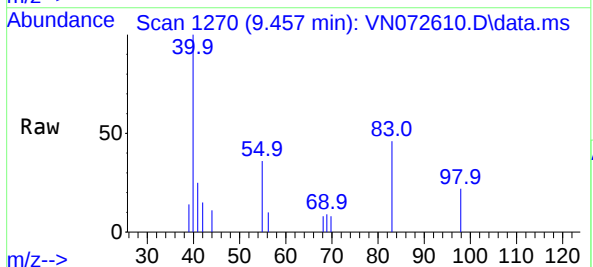
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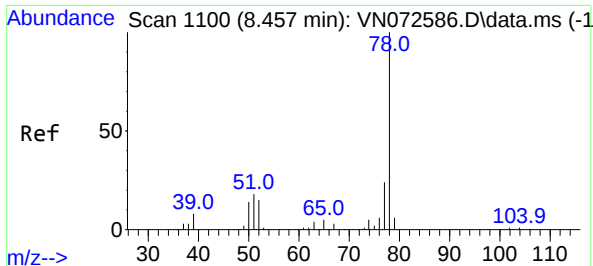
Tgt Ion:113 Resp: 69112
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 20.2 17.0 25.6



#39
Methylcyclohexane
Concen: 0.596 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

Tgt Ion: 83 Resp: 1643
Ion Ratio Lower Upper
83 100
55 77.7 57.8 86.8
98 48.5 39.4 59.2

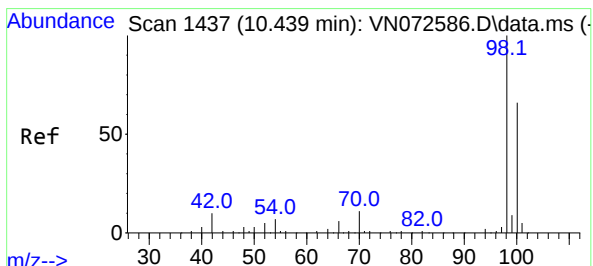
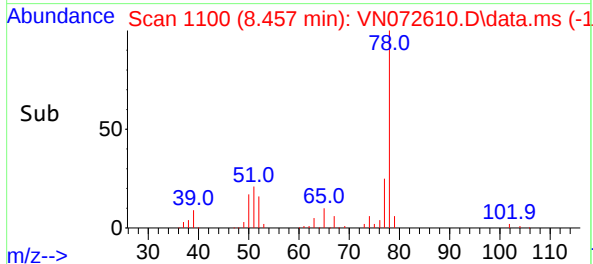
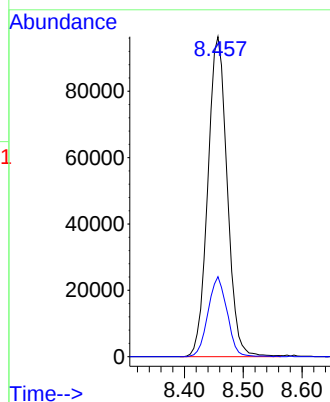
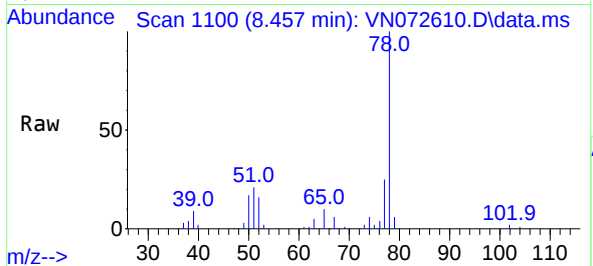




#40
Benzene
Concen: 30.533 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

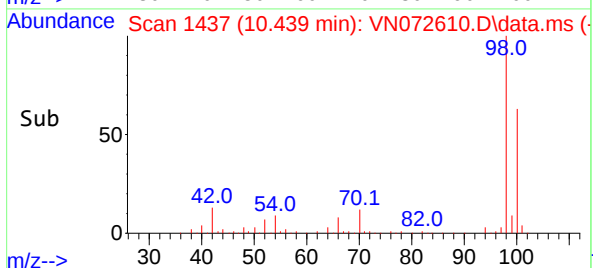
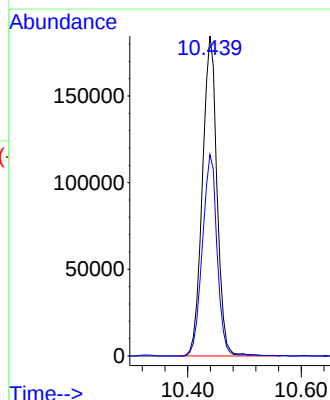
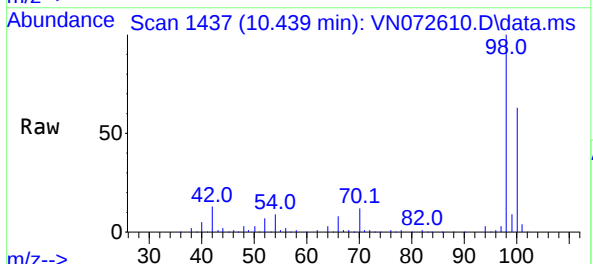
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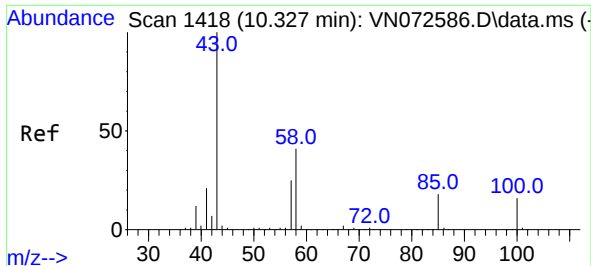
Tgt Ion: 78 Resp: 220481
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.0



#50
Toluene-d8
Concen: 54.404 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

Tgt Ion: 98 Resp: 328584
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8

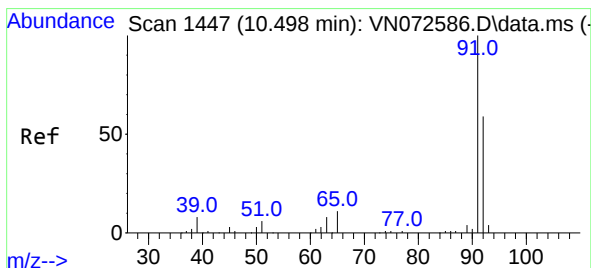
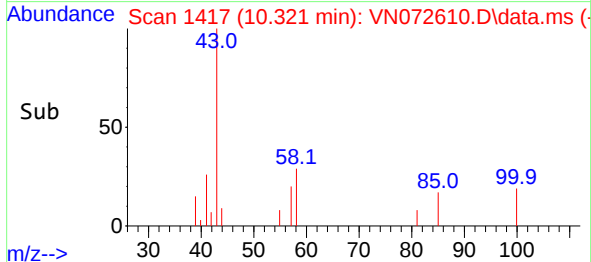
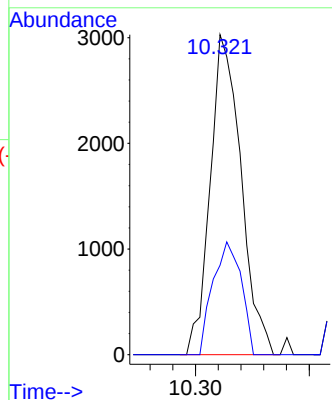
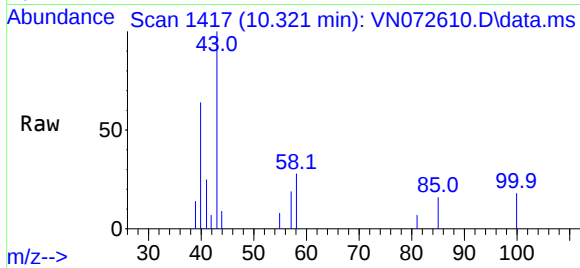




#51
4-Methyl-2-Pentanone
Concen: 2.008 ug/l
RT: 10.321 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

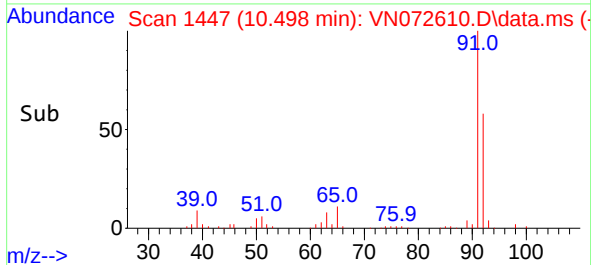
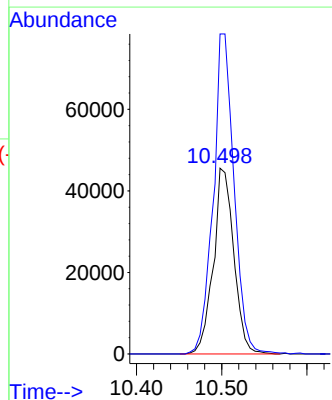
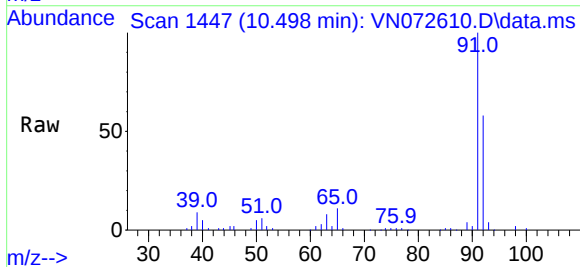
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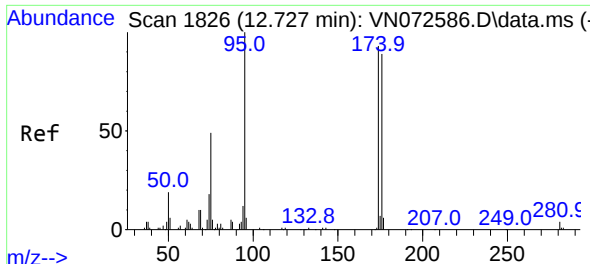
Tgt Ion: 43 Resp: 5702
Ion Ratio Lower Upper
43 100
58 32.3 34.1 51.1#



#52
Toluene
Concen: 16.620 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

Tgt Ion: 92 Resp: 75999
Ion Ratio Lower Upper
92 100
91 175.7 138.6 207.8

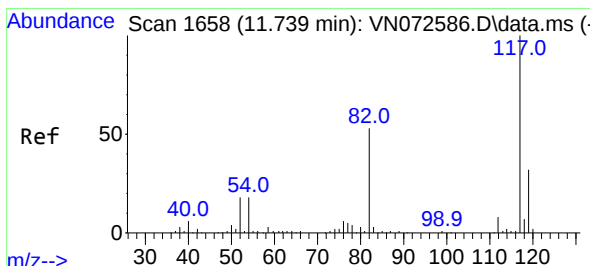
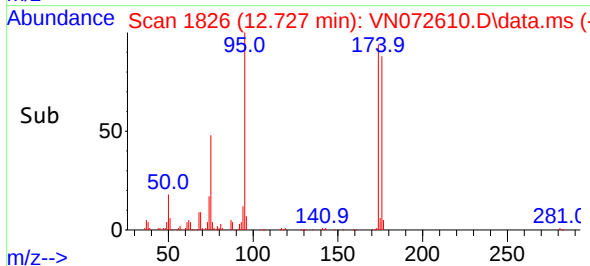
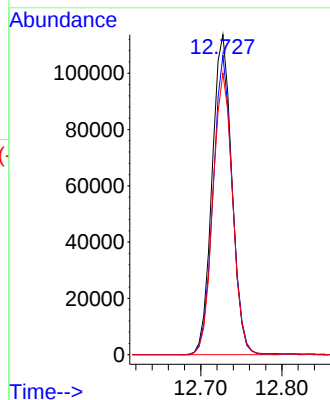
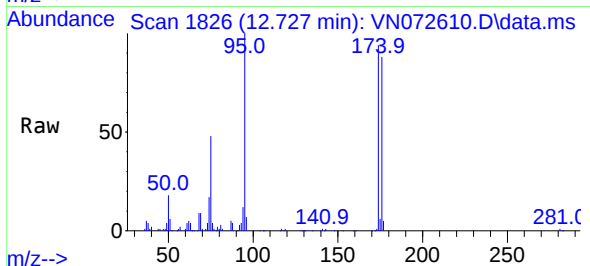




#62
4-Bromofluorobenzene
Concen: 97.816 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

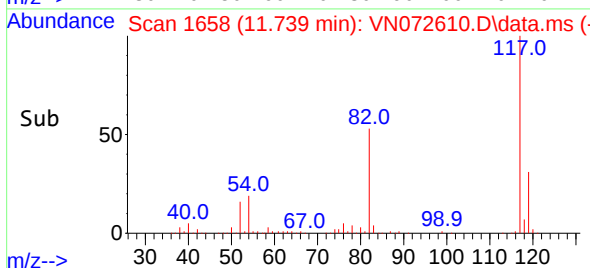
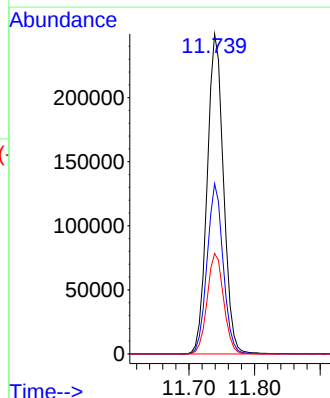
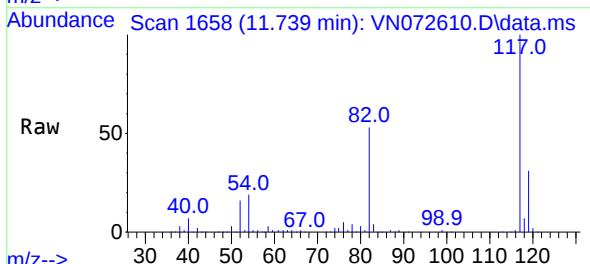
Instrument :
MSVOA_N
ClientSampleId :
MW-29

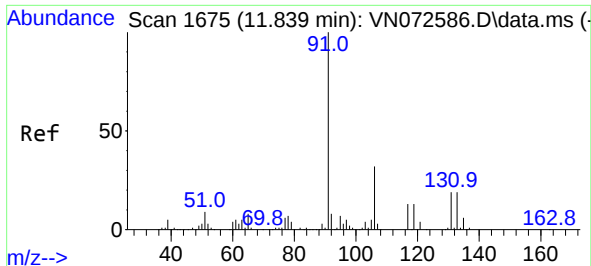
Tgt Ion: 95 Resp: 192144
Ion Ratio Lower Upper
95 100
174 91.2 0.0 167.6
176 87.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

Tgt Ion: 117 Resp: 431898
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 31.4 25.4 38.0

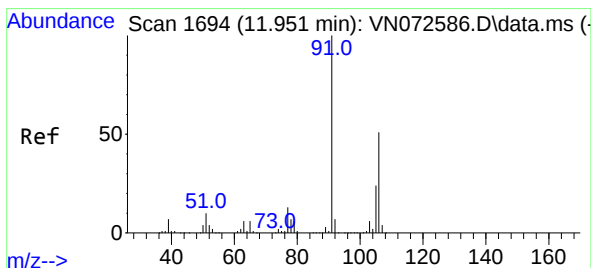
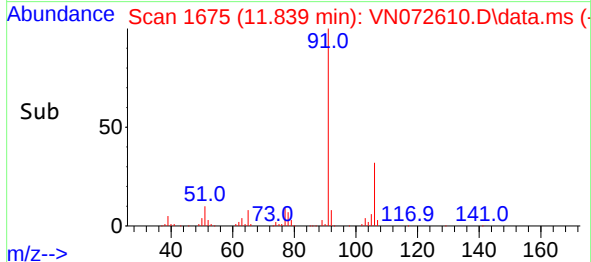
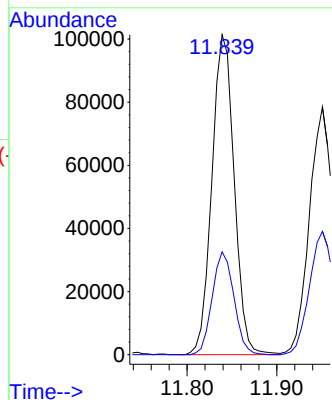
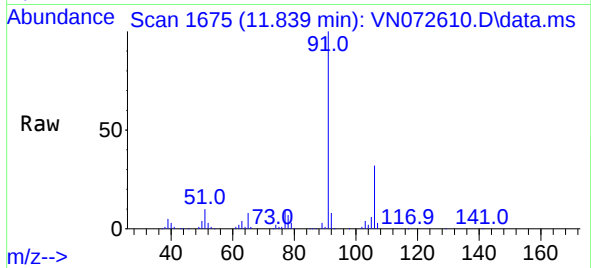




#67
Ethyl Benzene
Concen: 10.644 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

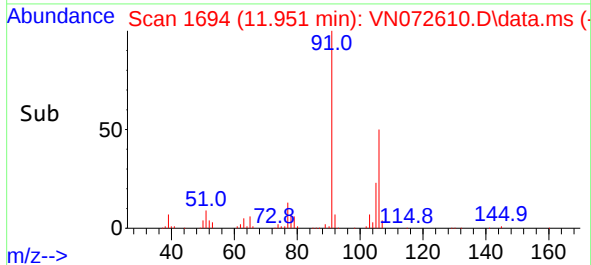
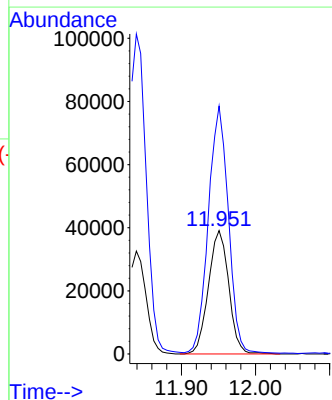
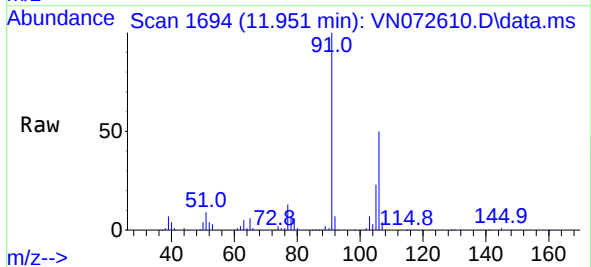
Instrument :
MSVOA_N
ClientSampleId :
MW-29

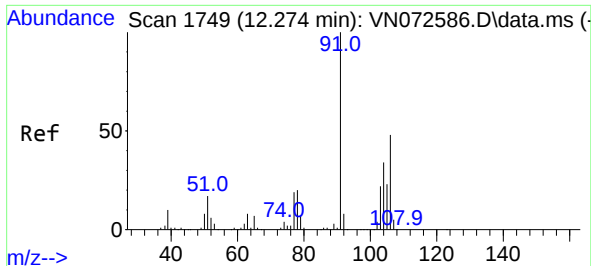
Tgt Ion: 91 Resp: 175089
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3



#68
m/p-Xylenes
Concen: 11.898 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

Tgt Ion: 106 Resp: 74604
Ion Ratio Lower Upper
106 100
91 197.0 158.9 238.3

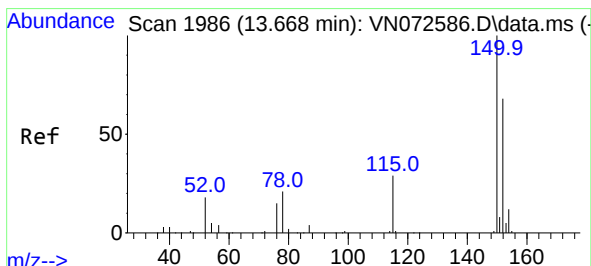
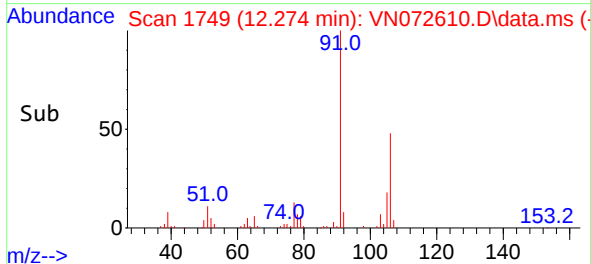
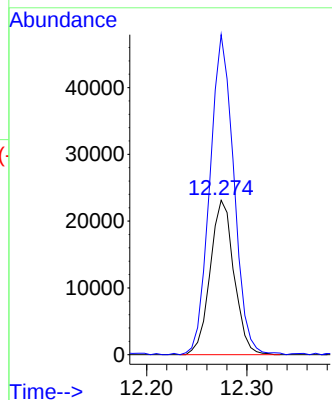
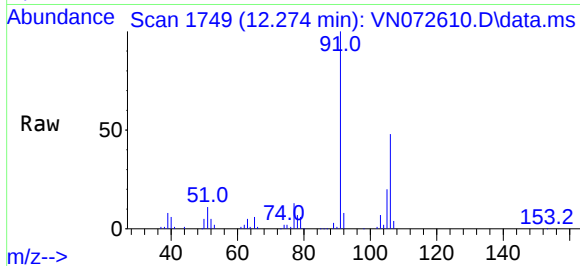




#69
o-Xylene
Concen: 6.291 ug/l
RT: 12.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

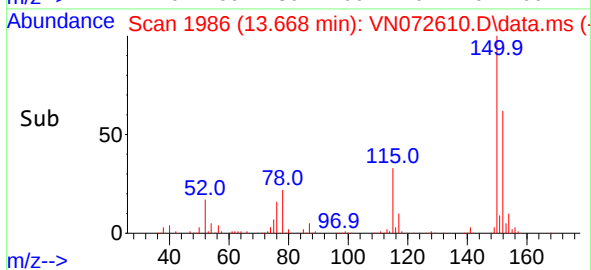
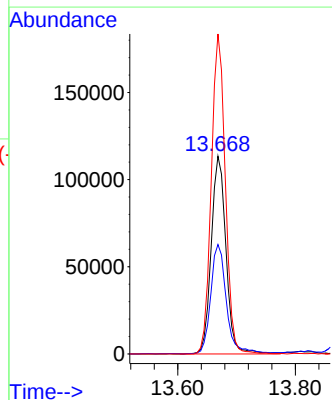
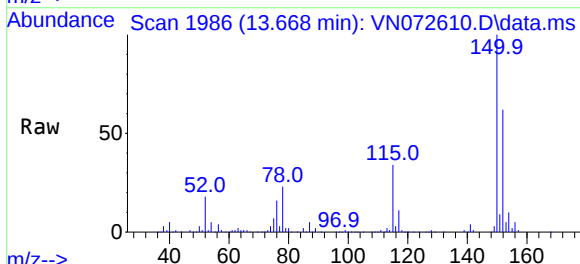
Instrument :
MSVOA_N
ClientSampleId :
MW-29

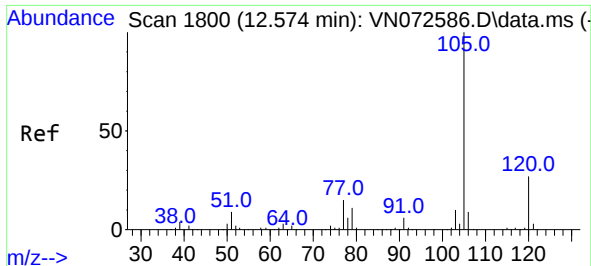
Tgt Ion:106 Resp: 38133
Ion Ratio Lower Upper
106 100
91 209.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

Tgt Ion:152 Resp: 198211
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.7
150 153.1 0.0 356.2

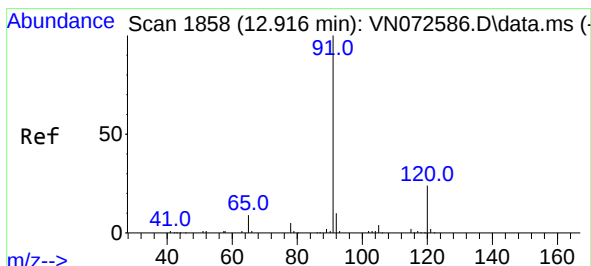
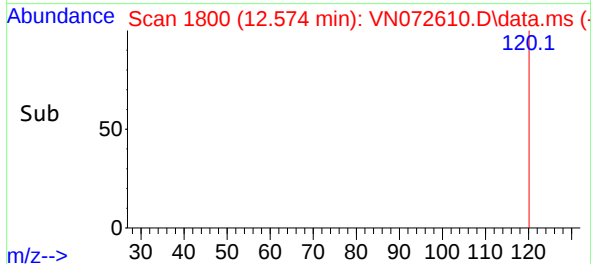
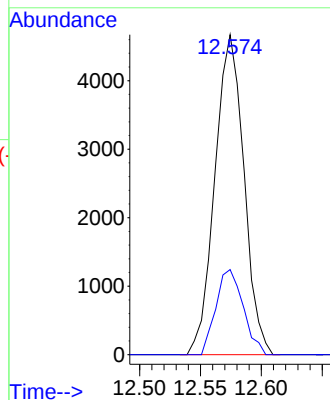
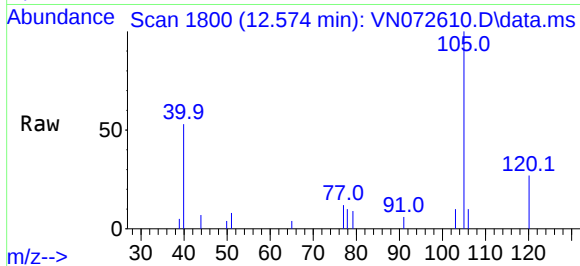




#73
Isopropylbenzene
Concen: 0.439 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

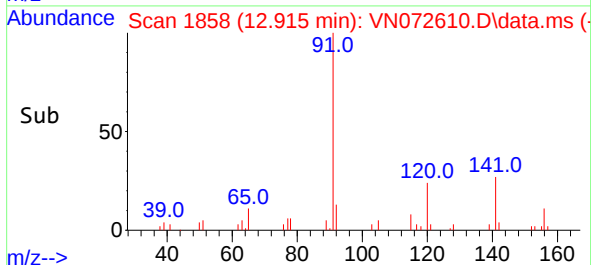
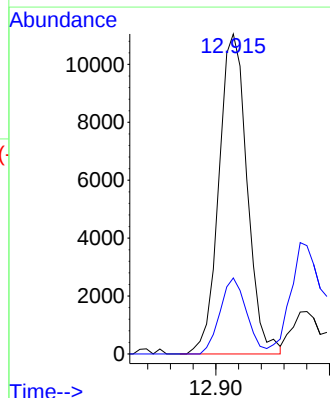
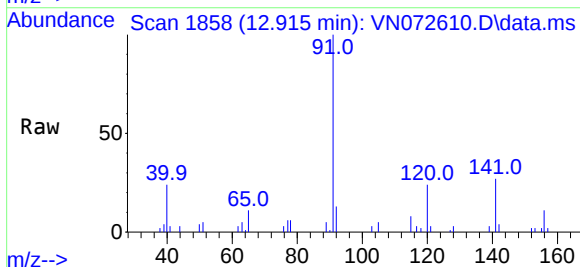
Instrument :
MSVOA_N
ClientSampleId :
MW-29

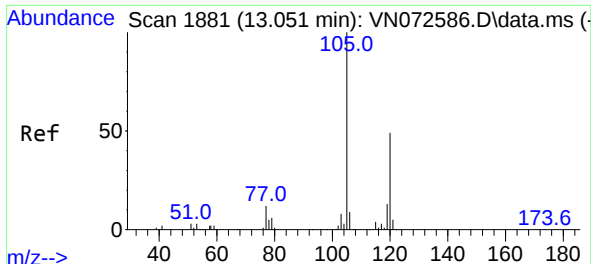
Tgt Ion:105 Resp: 7755
Ion Ratio Lower Upper
105 100
120 25.0 13.5 40.4



#78
n-propylbenzene
Concen: 0.973 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

Tgt Ion: 91 Resp: 19058
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5

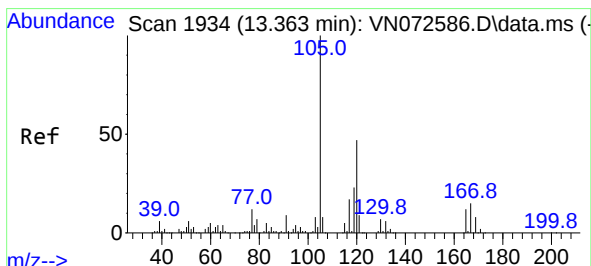
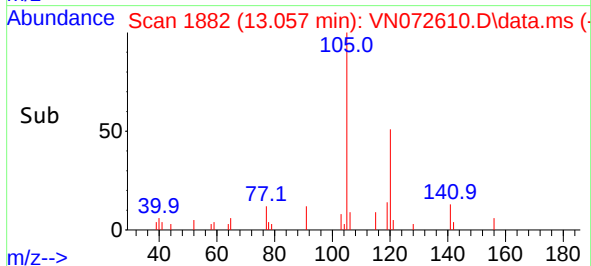
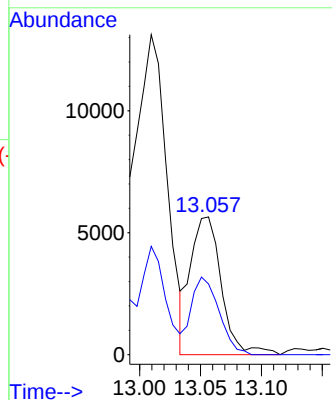
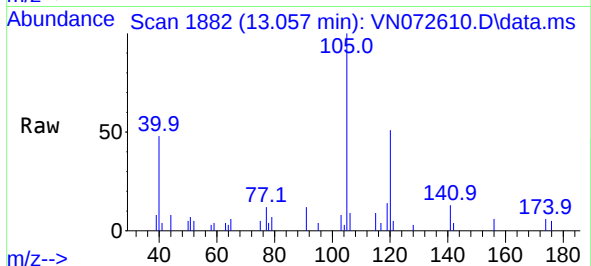




#80
1,3,5-Trimethylbenzene
Concen: 0.726 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

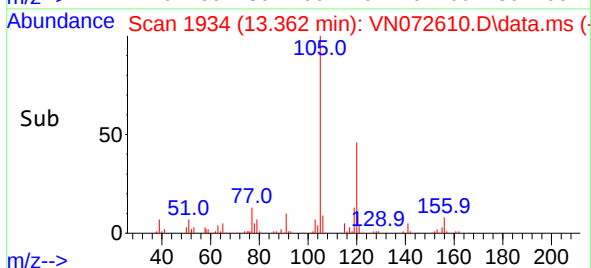
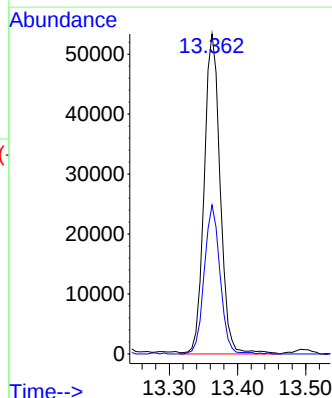
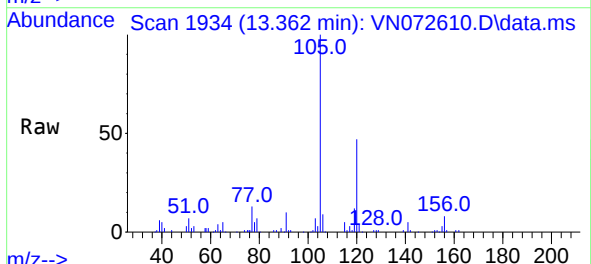
Instrument :
MSVOA_N
ClientSampleId :
MW-29

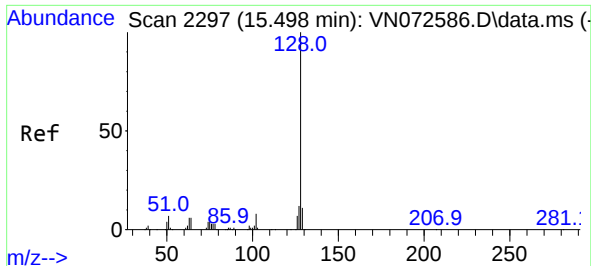
Tgt Ion:105 Resp: 9968
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 6.476 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072610.D
Acq: 25 May 2022 00:56

Tgt Ion:105 Resp: 87210
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





#95

Naphthalene

Concen: 3.331 ug/l

RT: 15.503 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN072610.D

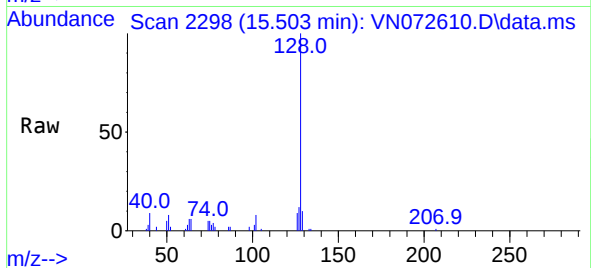
Acq: 25 May 2022 00:56

Instrument :

MSVOA_N

ClientSampleId :

MW-29



Tgt Ion:128 Resp: 41091

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.4 8.6 13.0

