

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072564.D
 Acq On : 19 May 2022 18:52
 Operator : JC\MD
 Sample : N2965-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31599

Quant Time: May 20 06:55:51 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)

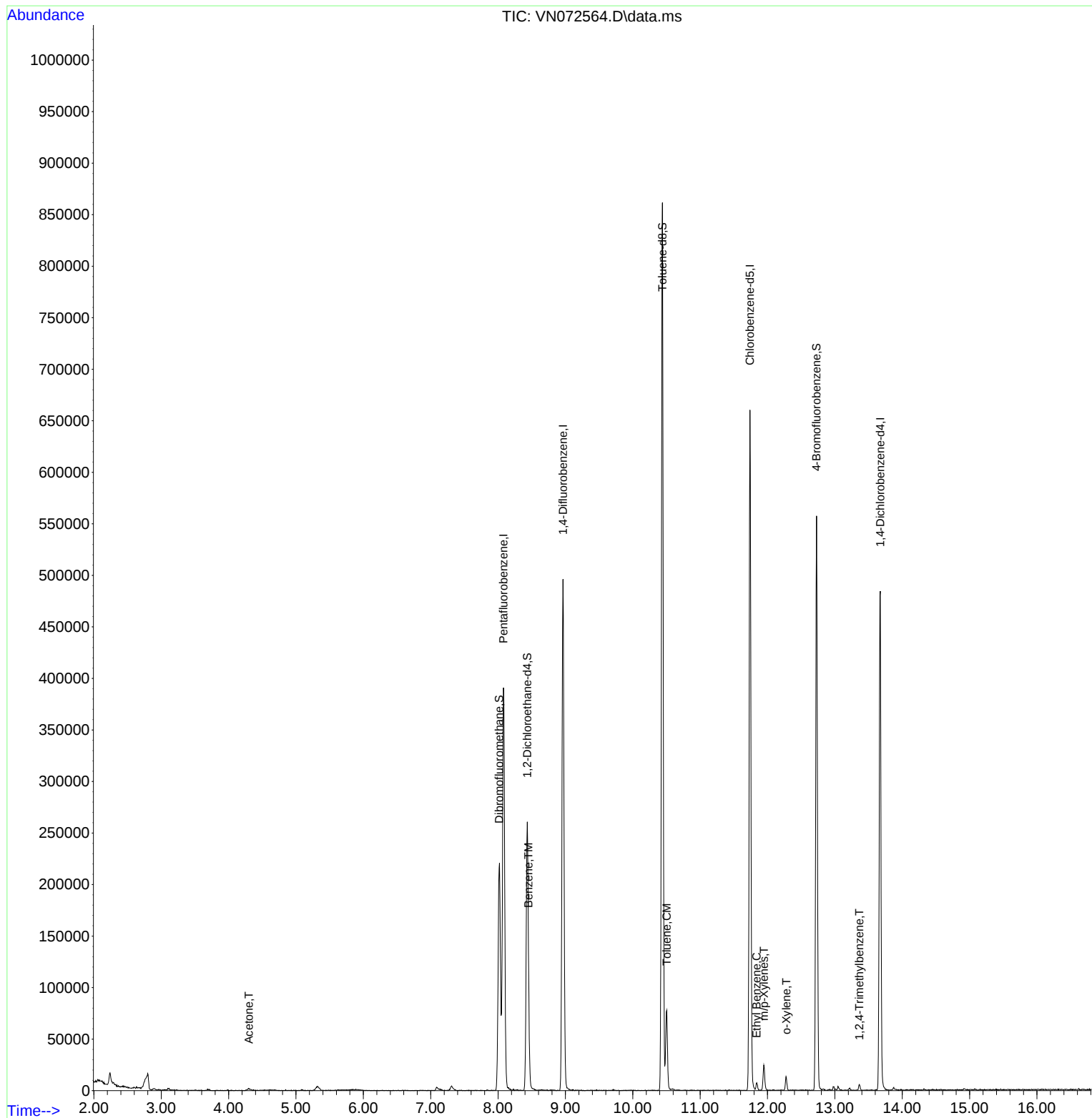
Internal Standards						
1) Pentafluorobenzene	8.081	168	276985	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	416259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	376797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	131989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	240290	55.835	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.680%
35) Dibromofluoromethane	8.016	113	161748	57.589	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	115.180%
50) Toluene-d8	10.439	98	573325	53.928	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.860%
62) 4-Bromofluorobenzene	12.727	95	184087	45.585	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.160%
Target Compounds						
						Qvalue
16) Acetone	4.298	43	2723	2.087	ug/l	# 85
40) Benzene	8.451	78	11211	1.003	ug/l	94
52) Toluene	10.504	92	31443	4.340	ug/l	98
67) Ethyl Benzene	11.839	91	5839	0.437	ug/l	97
68) m/p-Xylenes	11.945	106	7371	1.433	ug/l	99
69) o-Xylene	12.280	106	3290	0.628	ug/l	85
84) 1,2,4-Trimethylbenzene	13.363	105	4041	0.445	ug/l	89

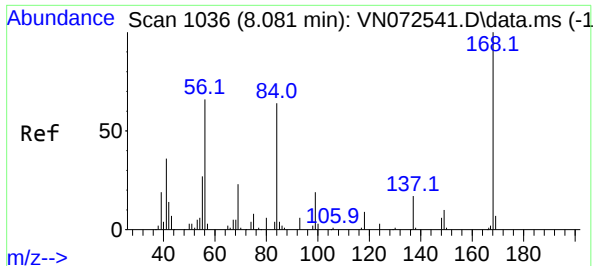
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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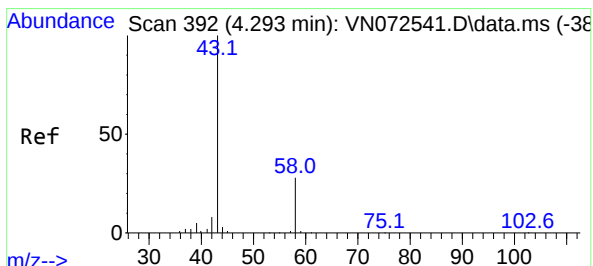
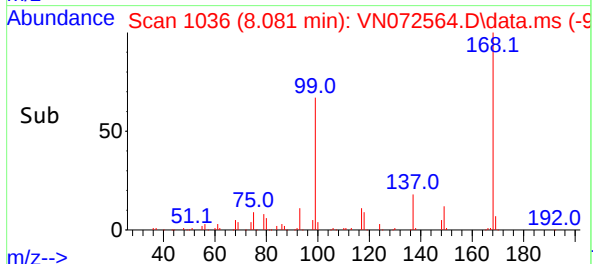
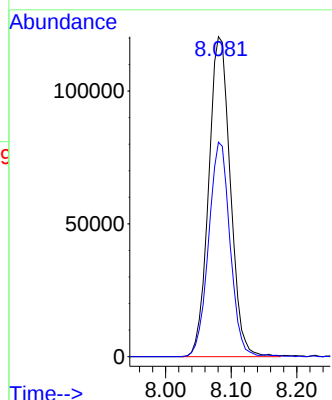
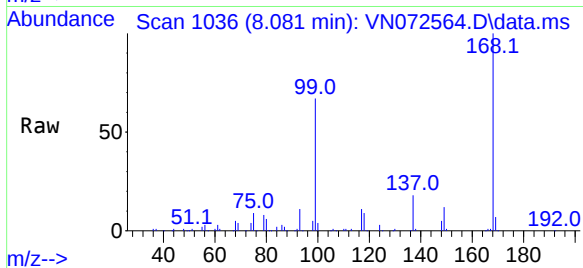




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

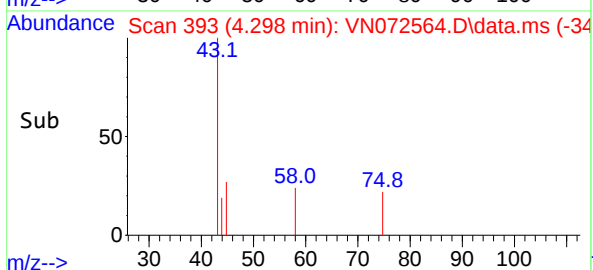
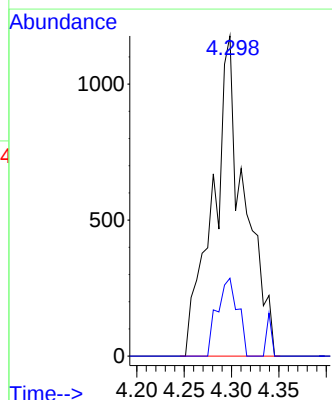
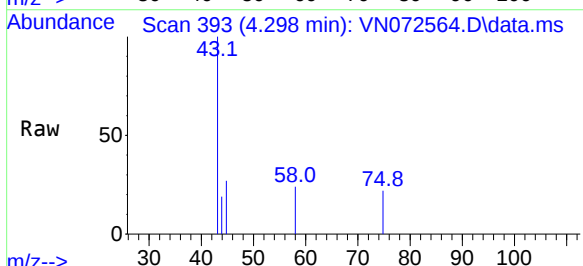
Instrument :
MSVOA_N
ClientSampleId :
31599

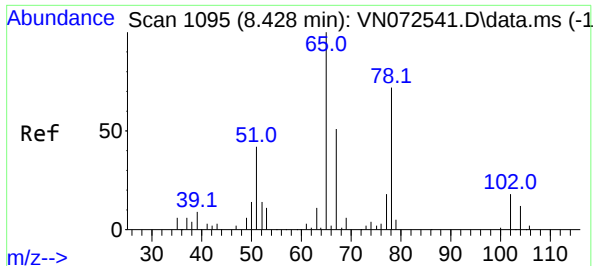
Tgt Ion:168 Resp: 276985
Ion Ratio Lower Upper
168 100
99 67.0 42.3 63.5#



#16
Acetone
Concen: 2.087 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.005 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 43 Resp: 2723
Ion Ratio Lower Upper
43 100
58 24.3 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 55.835 ug/l

RT: 8.433 min Scan# 1095

Delta R.T. 0.005 min

Lab File: VN072564.D

Acq: 19 May 2022 18:52

Instrument :

MSVOA_N

ClientSampleId :

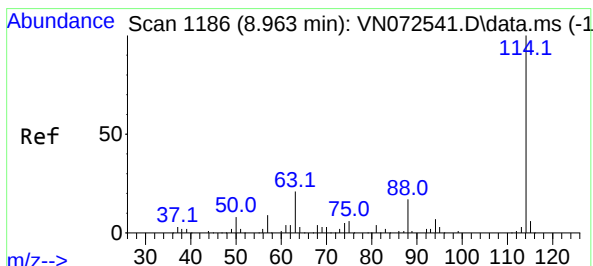
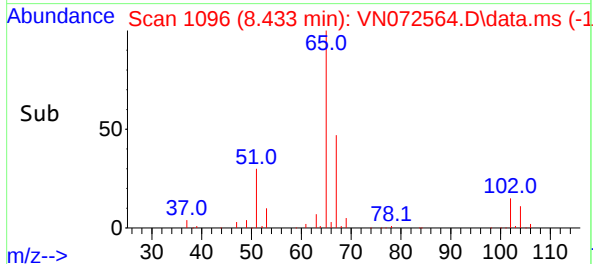
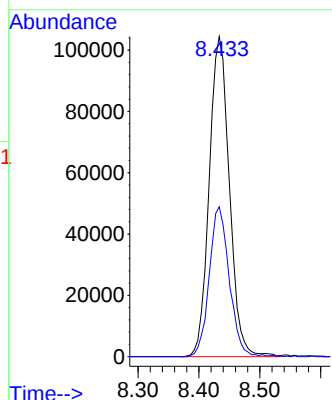
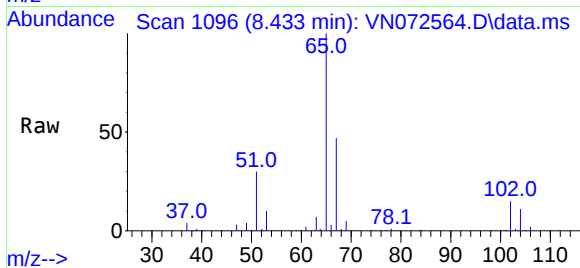
31599

Tgt Ion: 65 Resp: 240290

Ion Ratio Lower Upper

65 100

67 46.4 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: VN072564.D

Acq: 19 May 2022 18:52

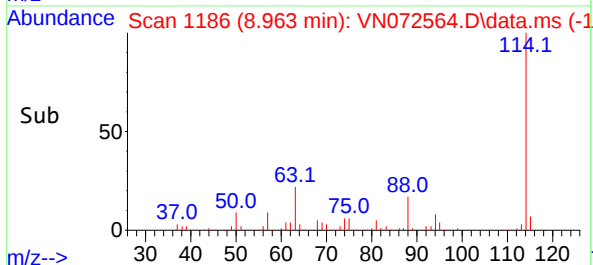
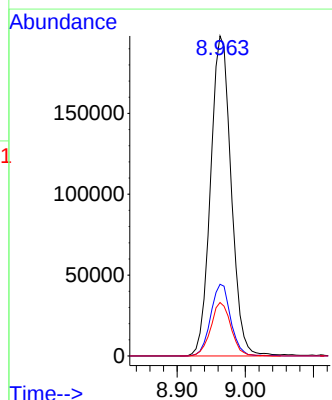
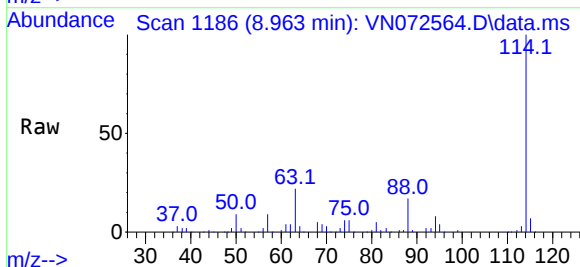
Tgt Ion: 114 Resp: 416259

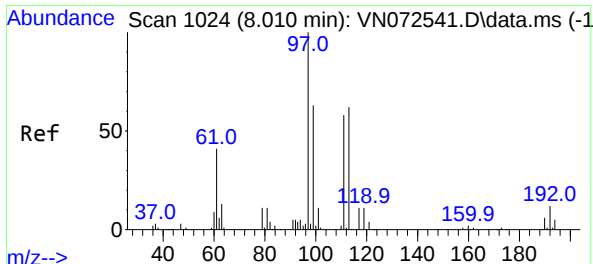
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 16.7 0.0 32.6

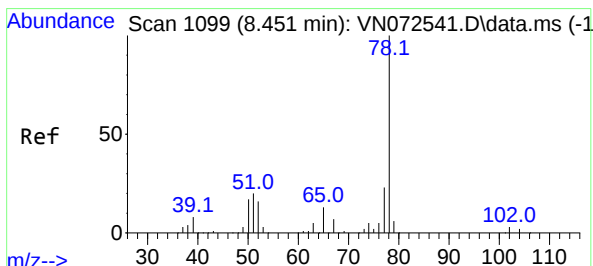
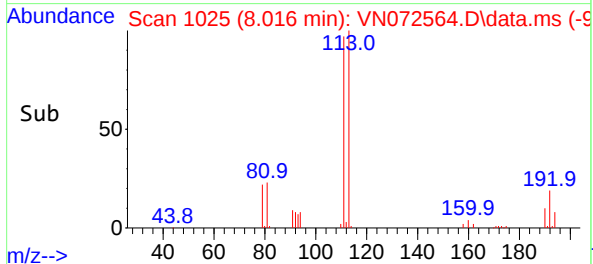
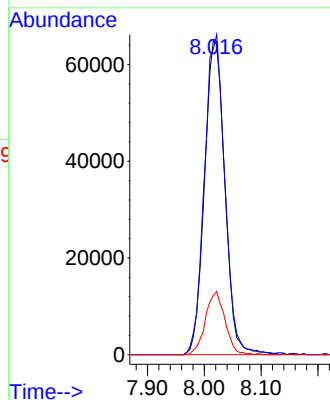
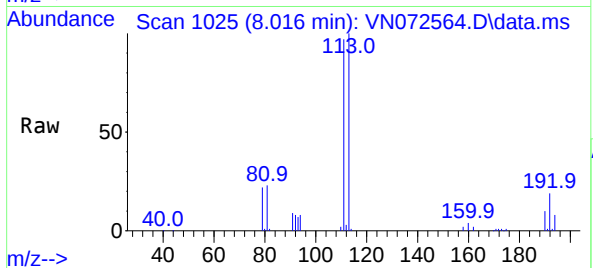




#35
Dibromofluoromethane
Concen: 57.589 ug/l
RT: 8.016 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

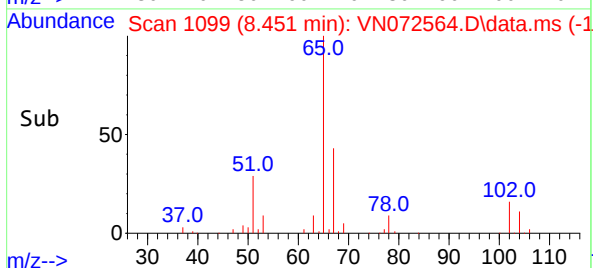
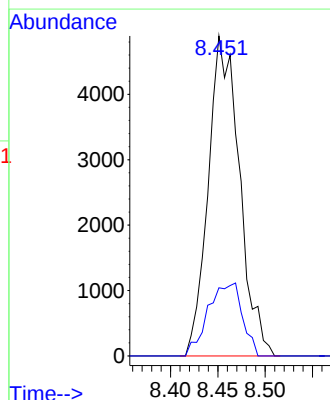
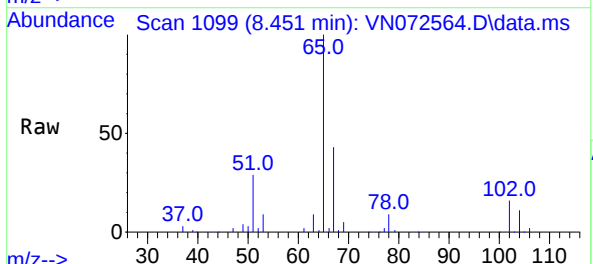
Instrument :
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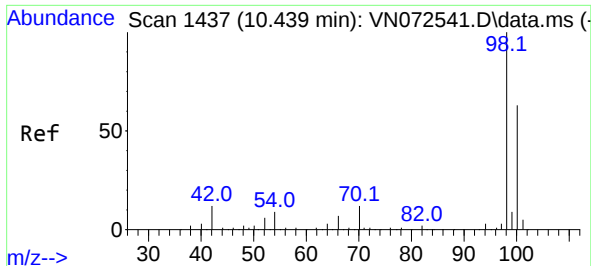
Tgt Ion:113 Resp: 161748
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 19.2 17.0 25.6



#40
Benzene
Concen: 1.003 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 78 Resp: 11211
Ion Ratio Lower Upper
78 100
77 21.3 19.4 29.0

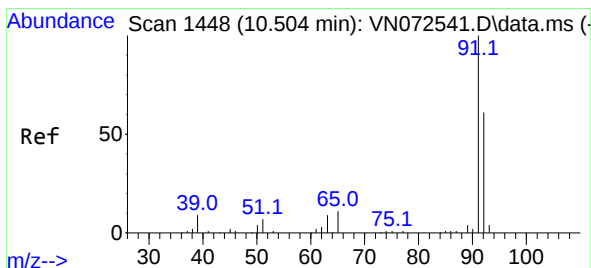
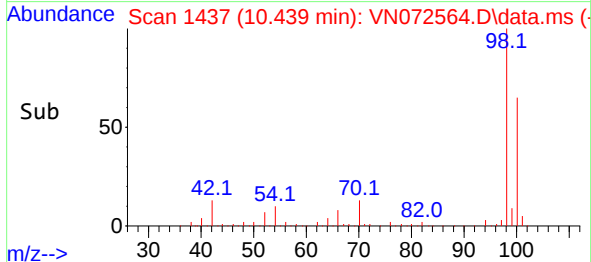
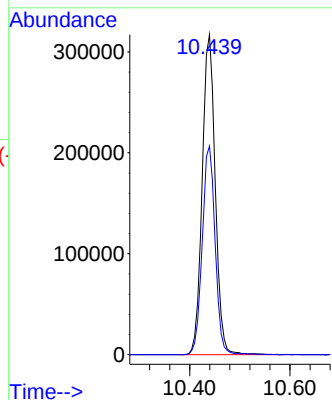
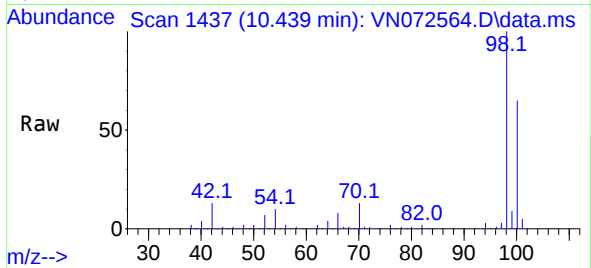




#50
Toluene-d8
Concen: 53.928 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

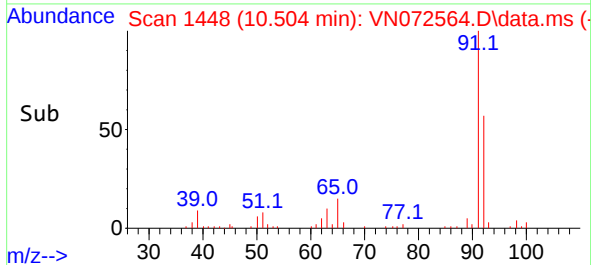
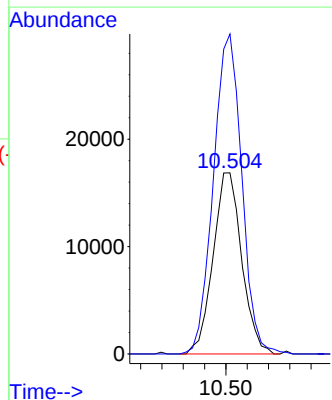
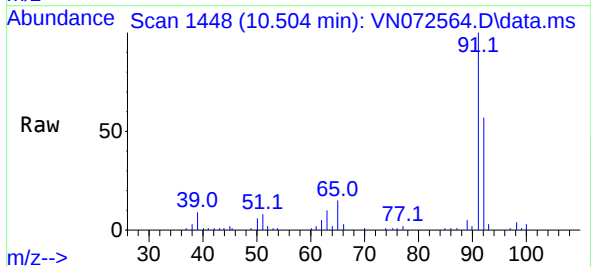
Instrument :
MSVOA_N
ClientSampleId :
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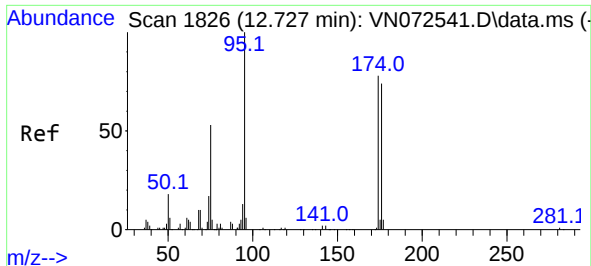
Tgt Ion: 98 Resp: 573325
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#52
Toluene
Concen: 4.340 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 92 Resp: 31443
Ion Ratio Lower Upper
92 100
91 175.3 138.6 207.8

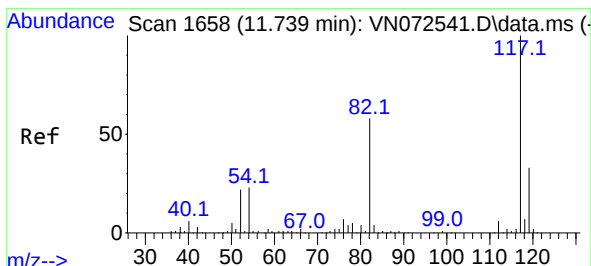
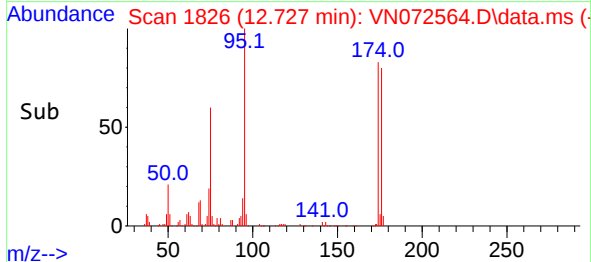
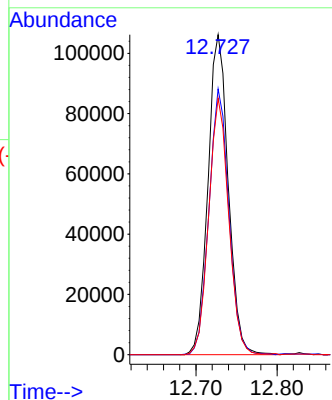
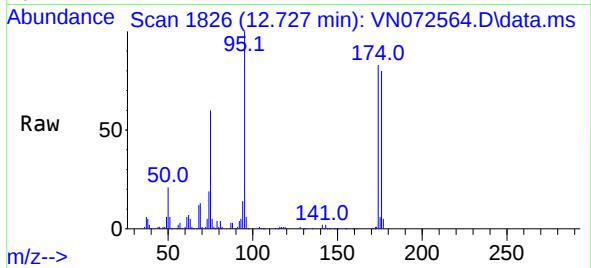




#62
4-Bromofluorobenzene
Concen: 45.585 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

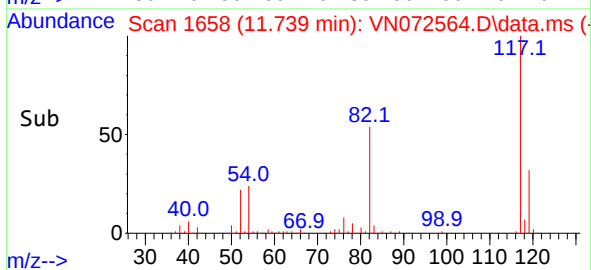
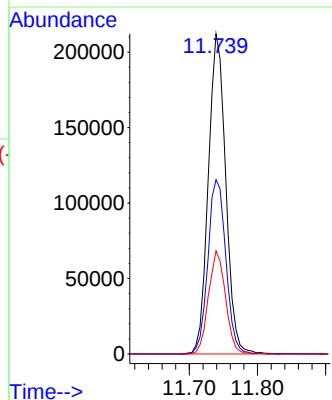
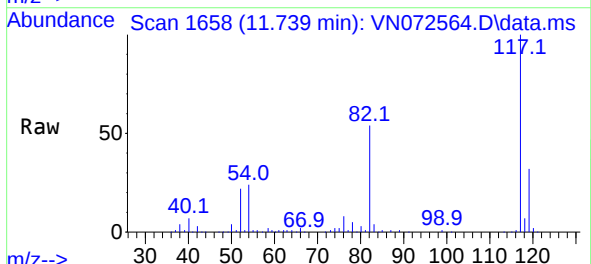
Instrument :
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ClientSampleId :
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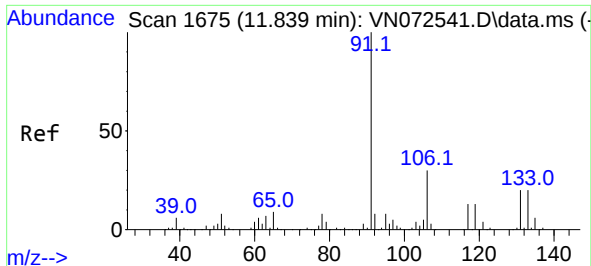
Tgt Ion: 95 Resp: 184087
Ion Ratio Lower Upper
95 100
174 81.5 0.0 167.6
176 78.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 117 Resp: 376797
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.2 25.4 38.0

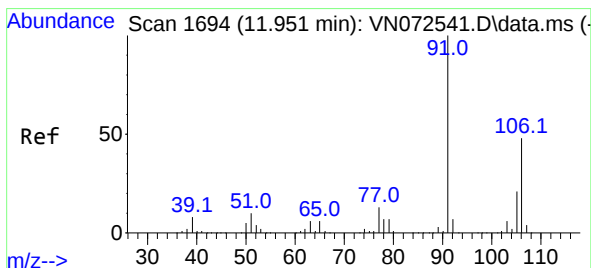
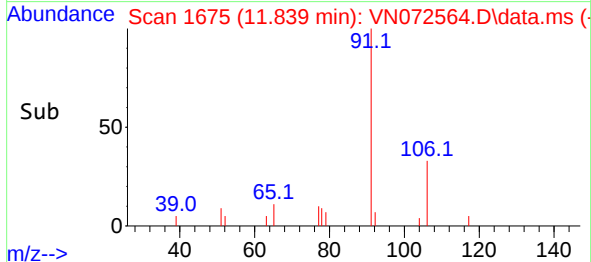
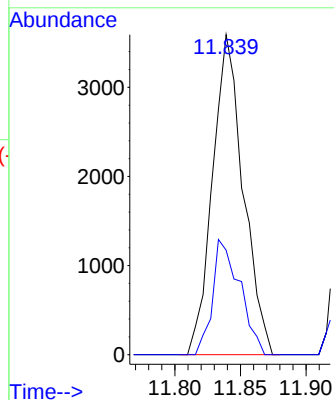
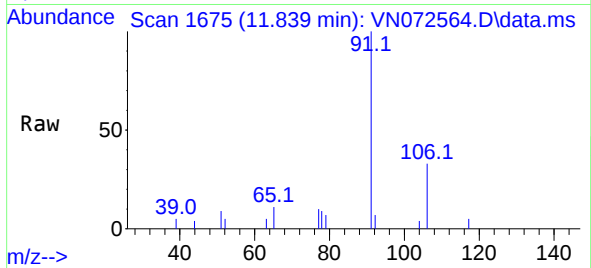




#67
Ethyl Benzene
Concen: 0.437 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

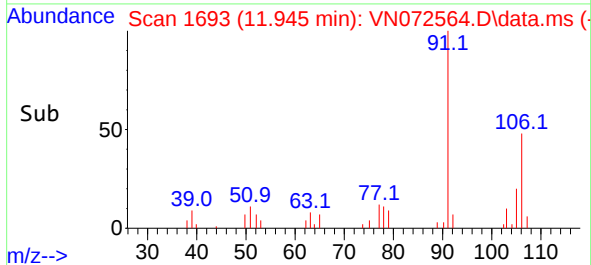
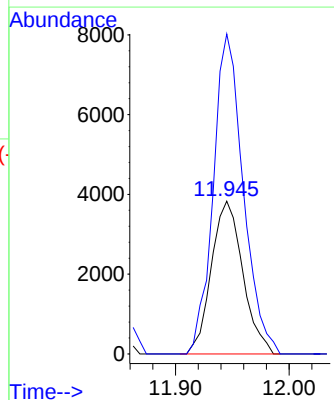
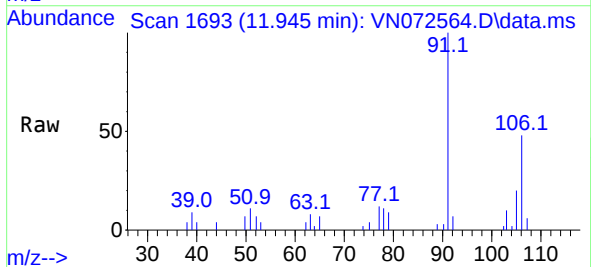
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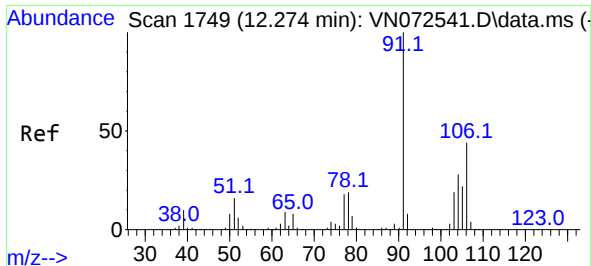
Tgt Ion: 91 Resp: 5839
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3



#68
m/p-Xylenes
Concen: 1.433 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 106 Resp: 7371
Ion Ratio Lower Upper
106 100
91 199.7 158.9 238.3

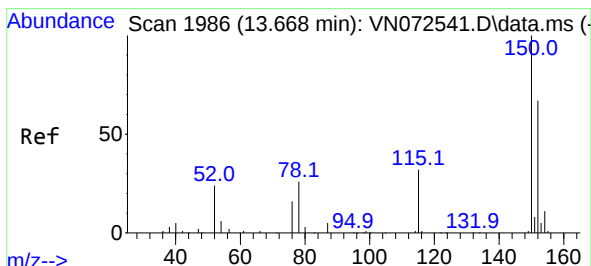
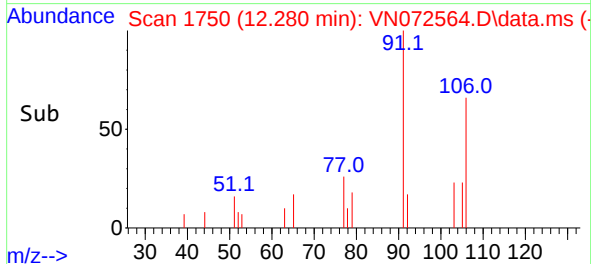
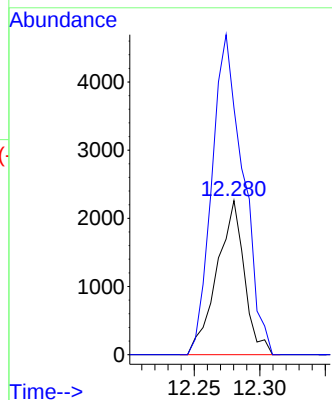
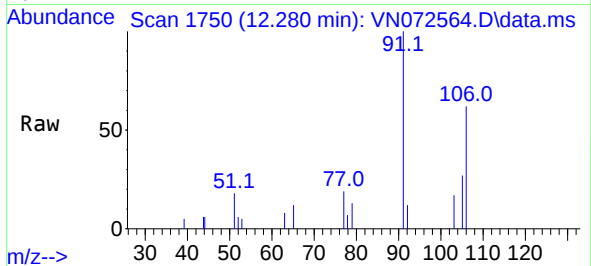




#69
o-Xylene
Concen: 0.628 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

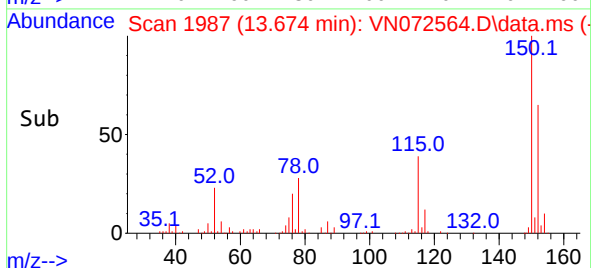
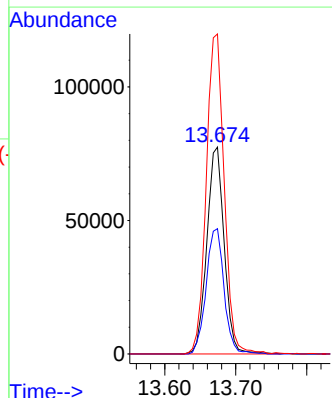
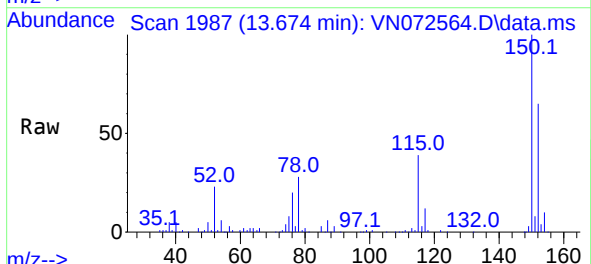
Instrument :
MSVOA_N
ClientSampleId :
31599

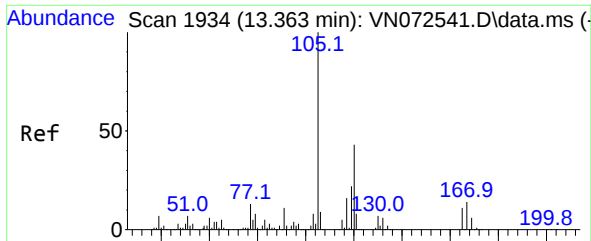
Tgt Ion:106 Resp: 3290
Ion Ratio Lower Upper
106 100
91 236.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion:152 Resp: 131989
Ion Ratio Lower Upper
152 100
115 62.6 28.9 86.7
150 159.0 0.0 356.2





#84
 1,2,4-Trimethylbenzene
 Concen: 0.445 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN072564.D
 Acq: 19 May 2022 18:52

Instrument :
 MSVOA_N
 ClientSampleId :
 31599

Tgt Ion:105 Resp: 4041
 Ion Ratio Lower Upper
 105 100
 120 39.1 23.3 69.8

