

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072491.D
 Acq On : 13 May 2022 20:51
 Operator : JC\MD
 Sample : N2762-03ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB04

Quant Time: May 14 02:39:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

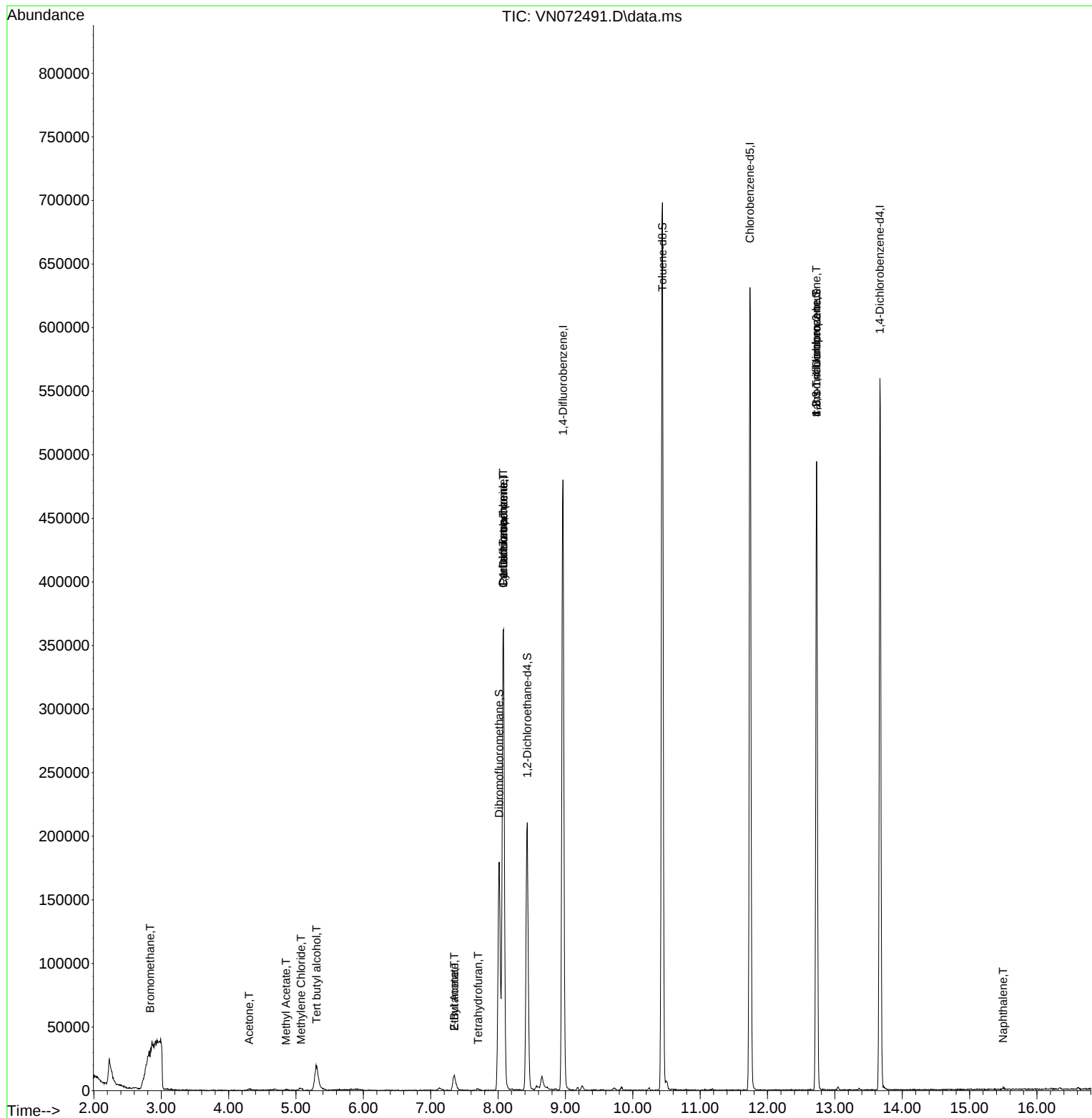
Internal Standards						
1) Pentafluorobenzene	8.081	168	273468	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	417136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	357706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	151603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	193265	46.140	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.280%		
35) Dibromofluoromethane	8.016	113	130715	47.101	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.200%		
50) Toluene-d8	10.440	98	483417	45.738	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.480%		
62) 4-Bromofluorobenzene	12.728	95	167177	47.627	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.260%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	567	Below Cal	#	43
5) Bromomethane	2.834	94	371	0.215	ug/l #	2
6) Chloroethane	2.993	64	1205	Below Cal	#	42
11) Tert butyl alcohol	5.305	59	20105	29.355	ug/l #	72
16) Acetone	4.305	43	1003	0.605	ug/l #	80
18) Methyl Acetate	4.852	43	1552	0.318	ug/l #	62
20) Methylene Chloride	5.075	84	744	0.219	ug/l #	68
25) 2-Butanone	7.352	43	18544	7.083	ug/l	99
29) Tetrahydrofuran	7.704	42	892	0.524	ug/l #	48
31) Cyclohexane	8.075	56	6283	1.132	ug/l #	33
36) 1,1-Dichloropropene	8.075	75	21665	5.435	ug/l #	50
37) Ethyl Acetate	7.352	43	18544	3.878	ug/l #	68
38) Carbon Tetrachloride	8.075	117	30248	6.780	ug/l #	16
76) 1,2,3-Trichloropropane	12.728	75	93980	23.768	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	93980	79.290	ug/l #	10
95) Naphthalene	15.498	128	1320	3.347	ug/l #	69

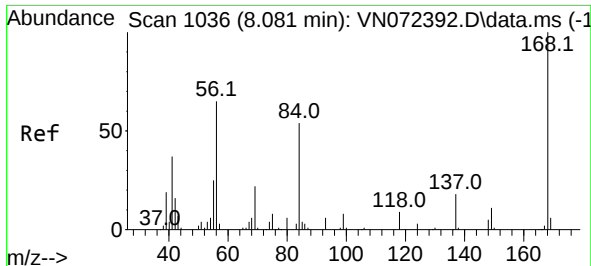
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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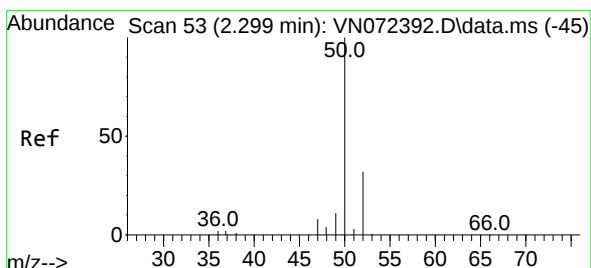
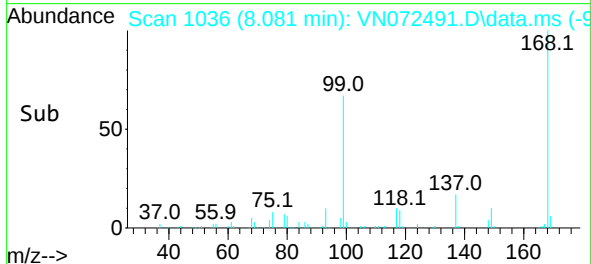
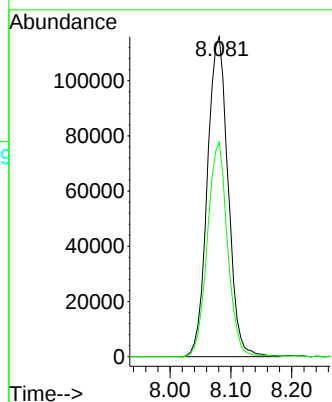
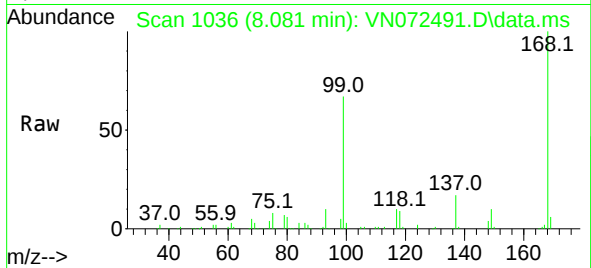




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

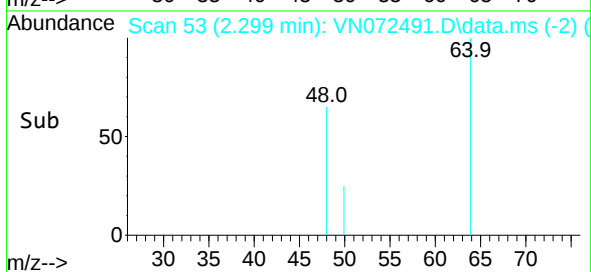
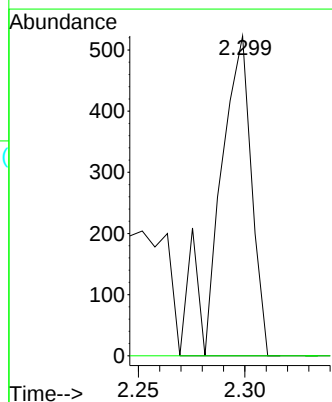
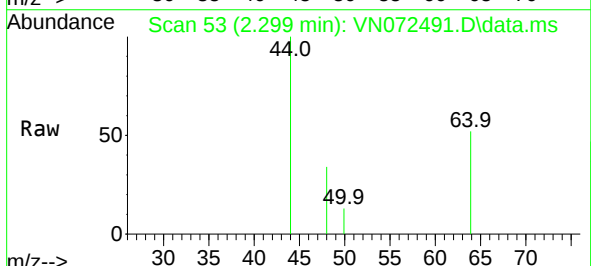
Instrument :
MSVOA_N
ClientSampleId :
SB04

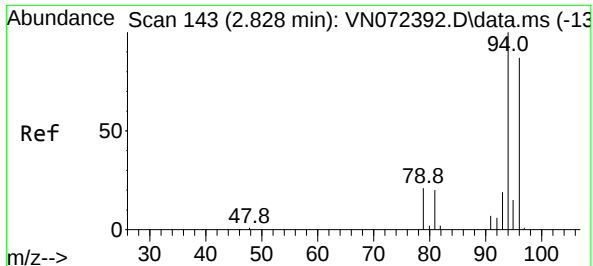
Tgt Ion:168 Resp: 273468
Ion Ratio Lower Upper
168 100
99 67.0 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

Tgt Ion: 50 Resp: 567
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#5

Bromomethane

Concen: 0.215 ug/l

RT: 2.834 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN072491.D

Acq: 13 May 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

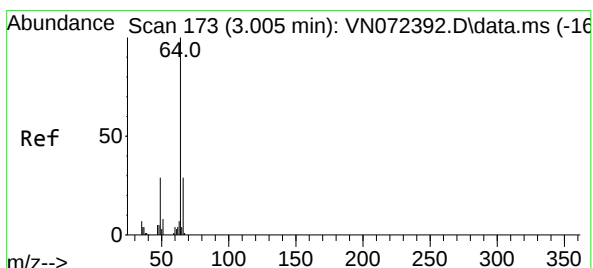
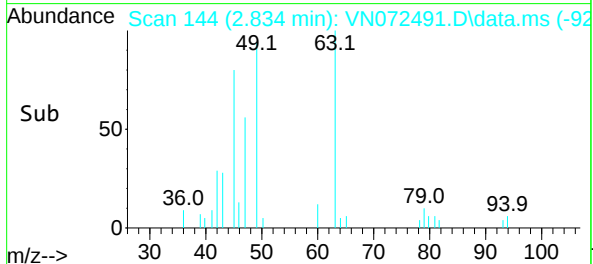
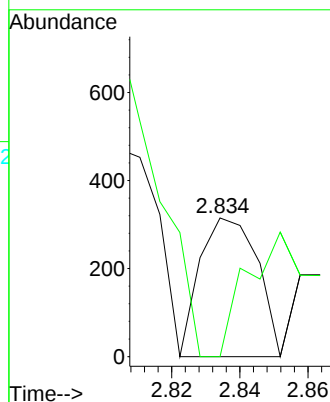
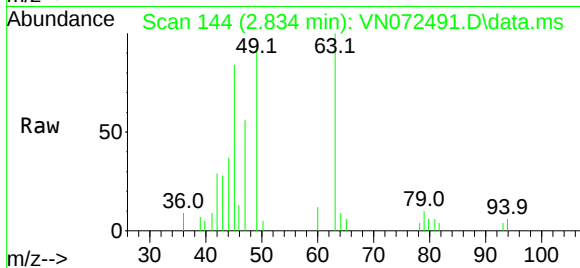
SB04

Tgt Ion: 94 Resp: 371

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 2.993 min Scan# 171

Delta R.T. -0.012 min

Lab File: VN072491.D

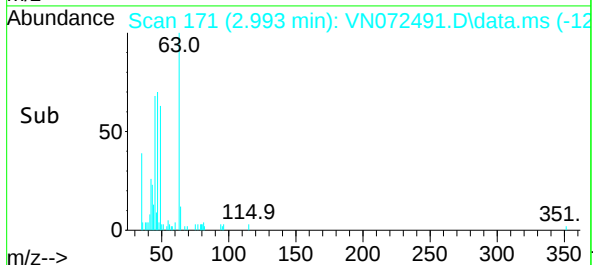
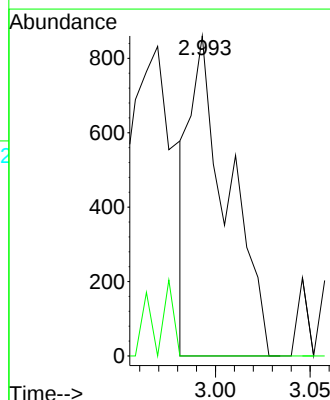
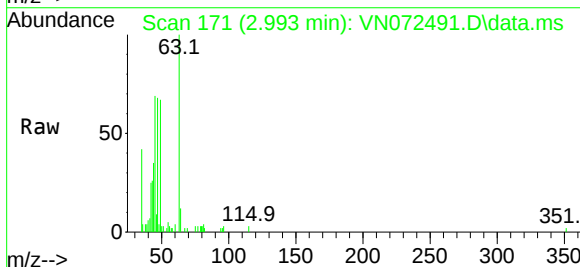
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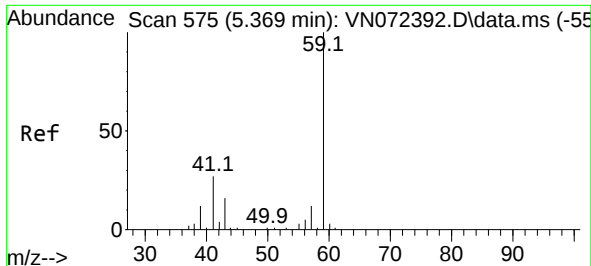
Tgt Ion: 64 Resp: 1205

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

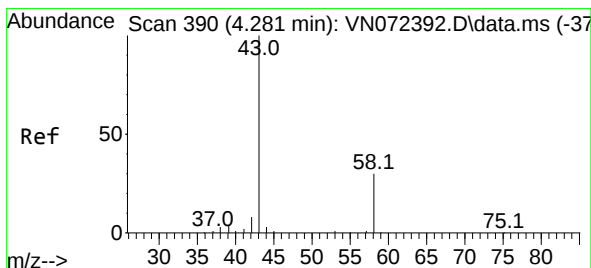
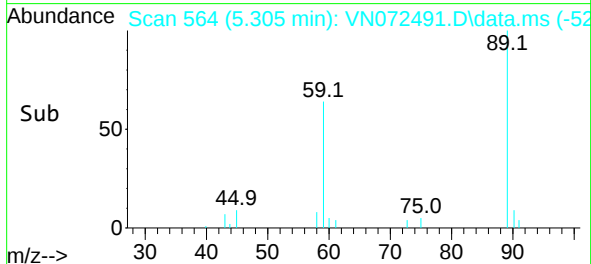
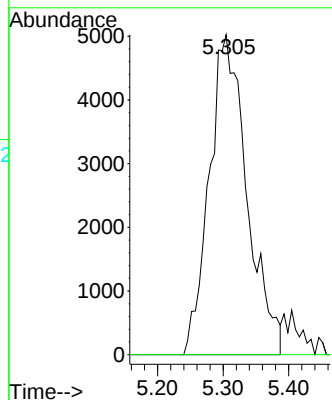
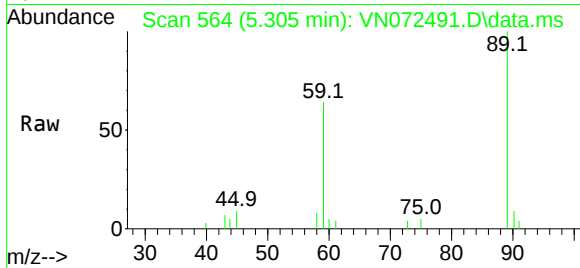




#11
Tert butyl alcohol
Concen: 29.355 ug/l
RT: 5.305 min Scan# 51
Delta R.T. -0.064 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

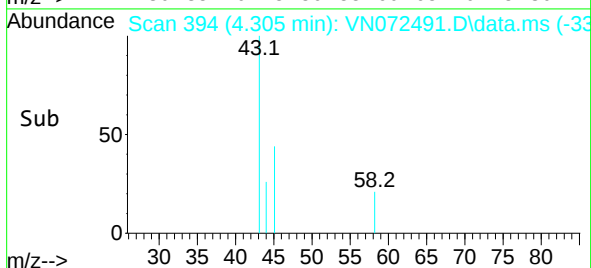
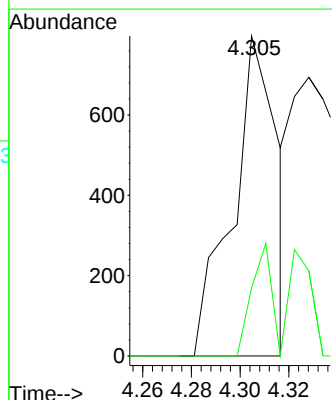
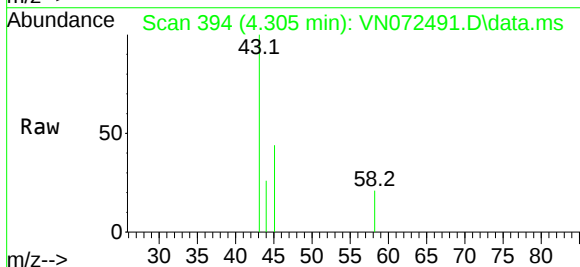
Instrument :
MSVOA_N
ClientSampleId :
SB04

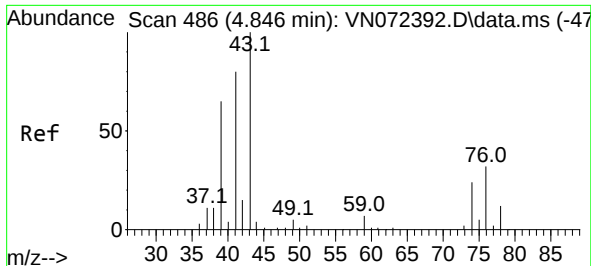
Tgt Ion: 59 Resp: 20105
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.605 ug/l
RT: 4.305 min Scan# 394
Delta R.T. 0.024 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 21.2 26.0 39.0#

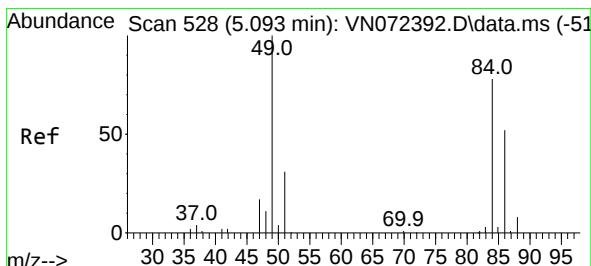
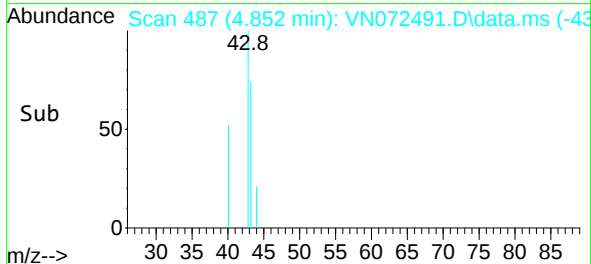
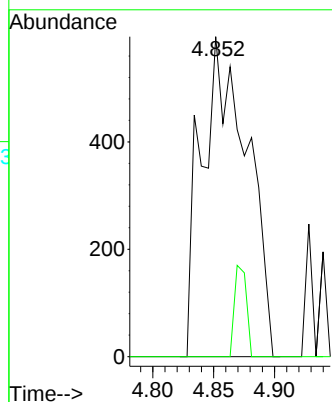
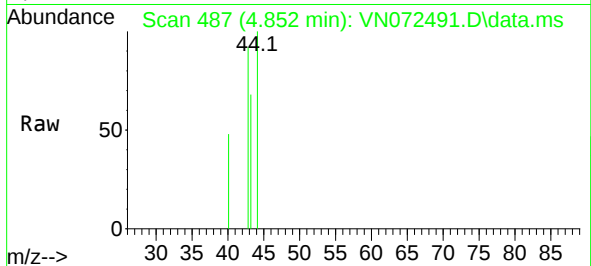




#18
Methyl Acetate
Concen: 0.318 ug/l
RT: 4.852 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

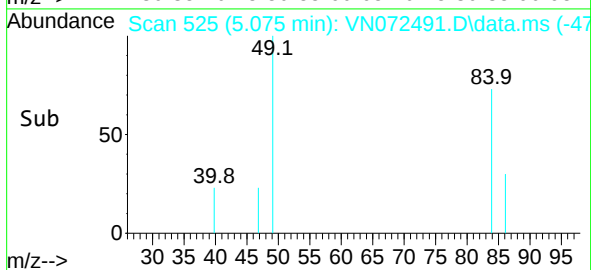
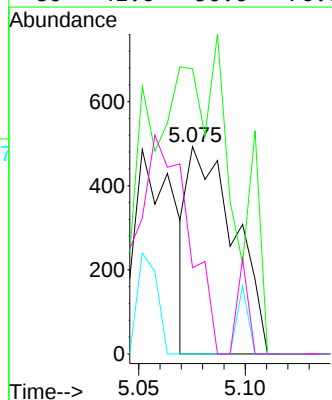
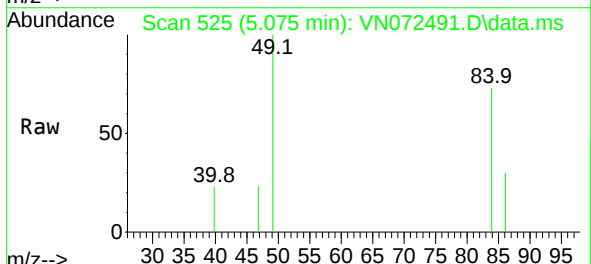
Instrument :
MSVOA_N
ClientSampleId :
SB04

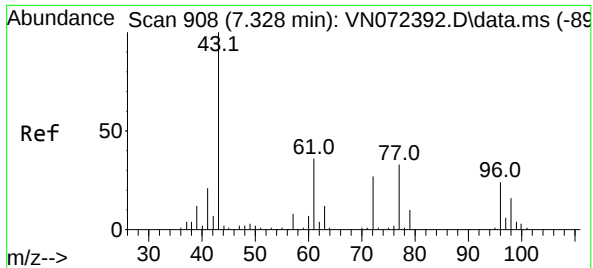
Tgt Ion: 43 Resp: 1552
Ion Ratio Lower Upper
43 100
74 7.4 21.6 32.4#



#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 5.075 min Scan# 525
Delta R.T. -0.018 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

Tgt Ion: 84 Resp: 744
Ion Ratio Lower Upper
84 100
49 137.5 88.3 132.5#
51 0.0 28.2 42.2#
86 41.6 50.6 76.0#

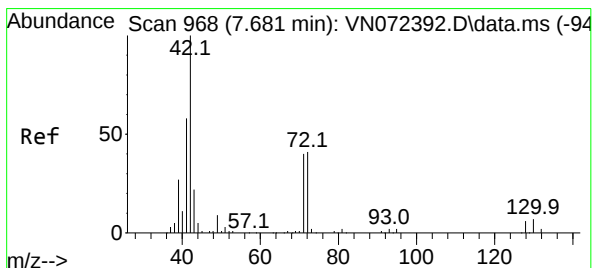
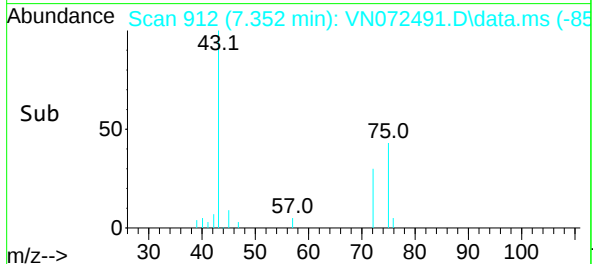
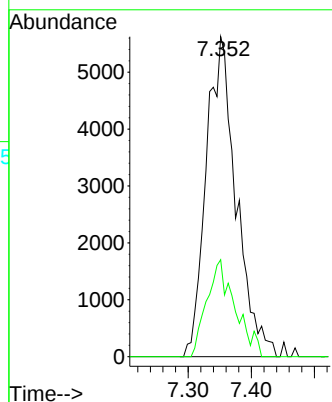
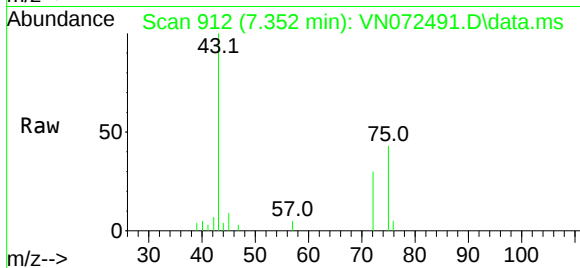




#25
2-Butanone
Concen: 7.083 ug/l
RT: 7.352 min Scan# 912
Delta R.T. 0.024 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

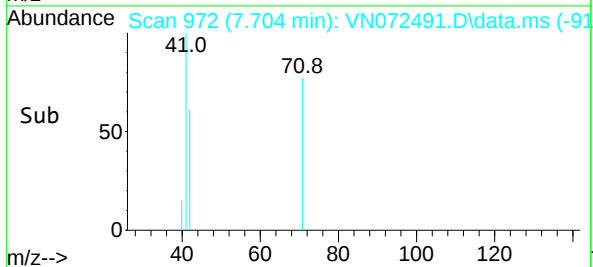
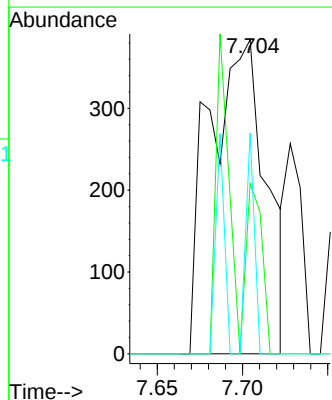
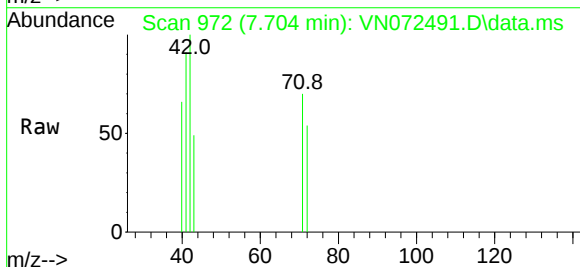
Instrument :
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ClientSampleId :
SB04

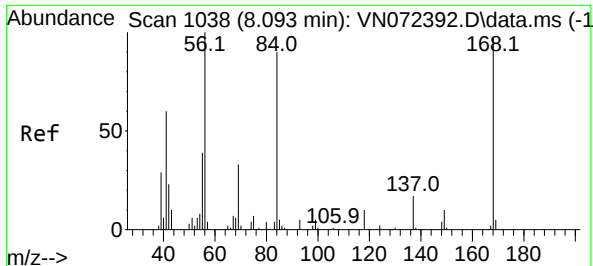
Tgt Ion: 43 Resp: 18544
Ion Ratio Lower Upper
43 100
72 30.3 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.524 ug/l
RT: 7.704 min Scan# 972
Delta R.T. 0.023 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

Tgt Ion: 42 Resp: 892
Ion Ratio Lower Upper
42 100
72 15.0 39.7 59.5#
71 10.7 36.6 55.0#





#31

Cyclohexane

Concen: 1.132 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.018 min

Lab File: VN072491.D

Acq: 13 May 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

SB04

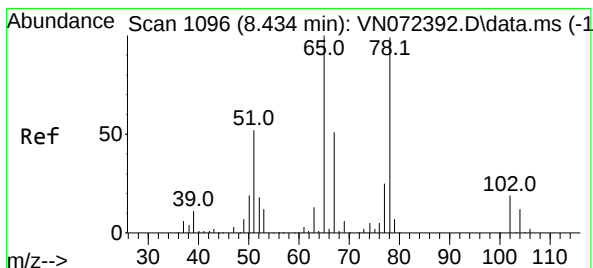
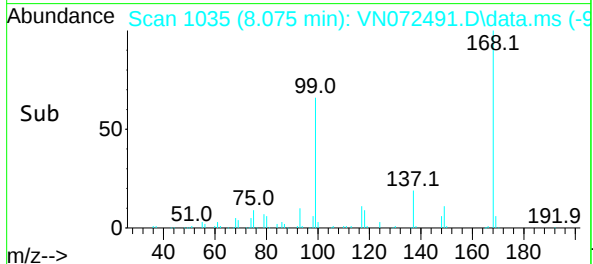
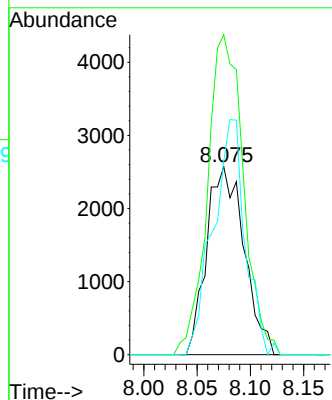
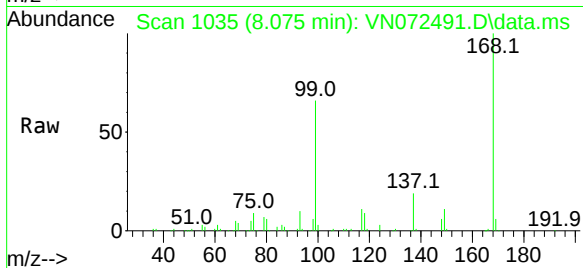
Tgt Ion: 56 Resp: 6283

Ion Ratio Lower Upper

56 100

69 170.0 27.8 41.8#

84 102.8 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 46.140 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072491.D

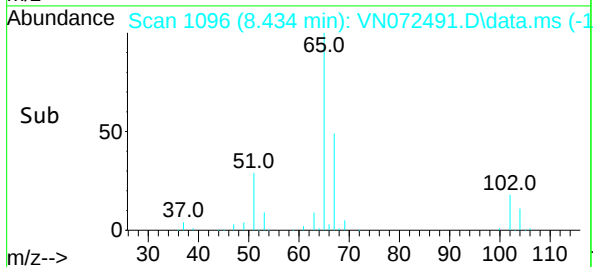
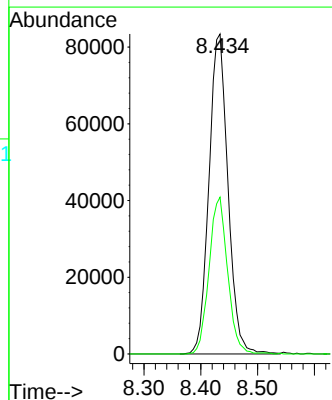
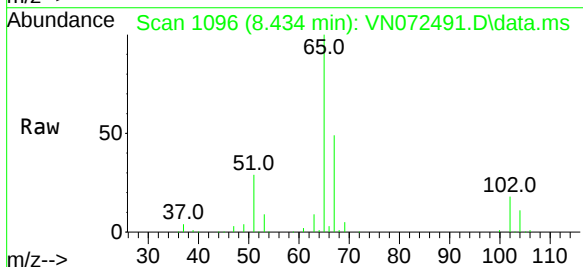
Acq: 13 May 2022 20:51

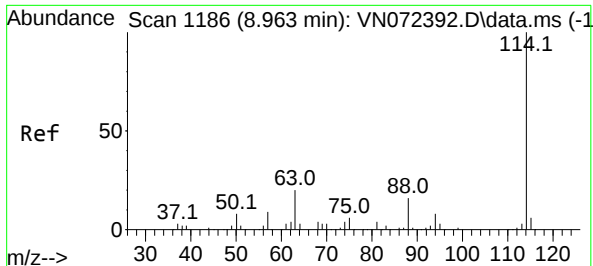
Tgt Ion: 65 Resp: 193265

Ion Ratio Lower Upper

65 100

67 47.8 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: VN072491.D

Acq: 13 May 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

SB04

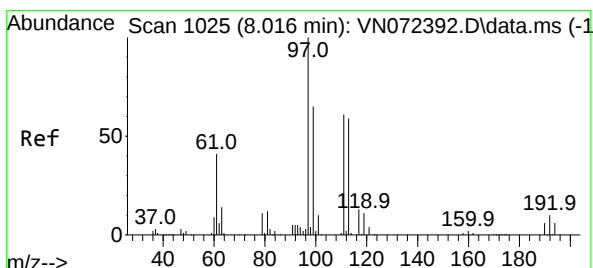
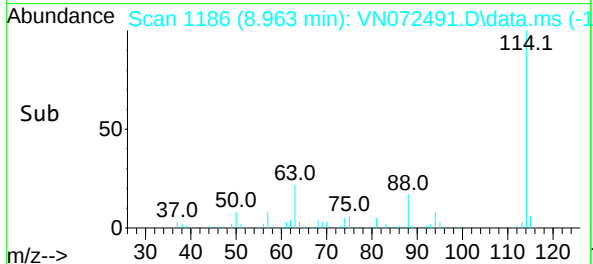
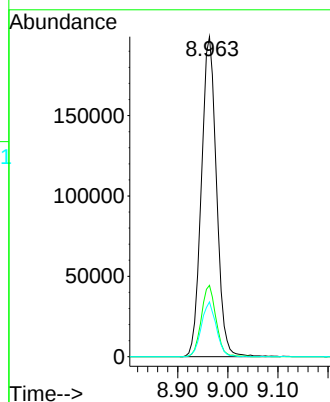
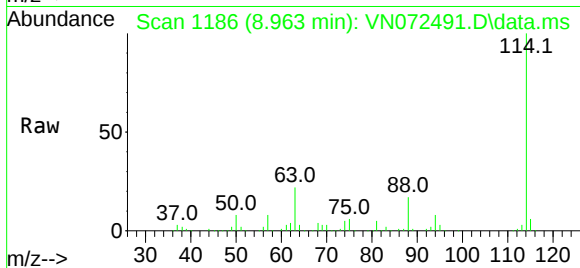
Tgt Ion:114 Resp: 417136

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.101 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072491.D

Acq: 13 May 2022 20:51

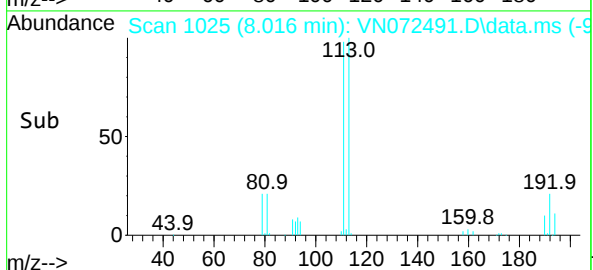
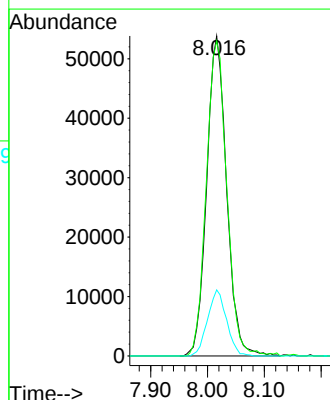
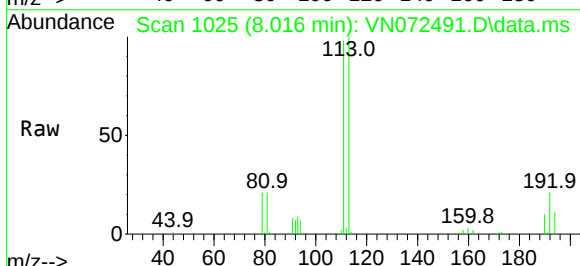
Tgt Ion:113 Resp: 130715

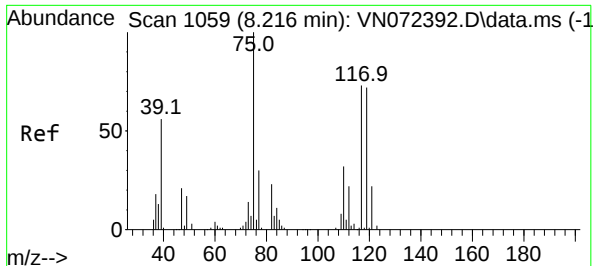
Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 19.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.435 ug/l

RT: 8.075 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN072491.D

Acq: 13 May 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

SB04

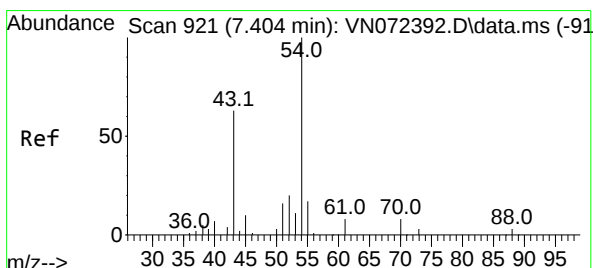
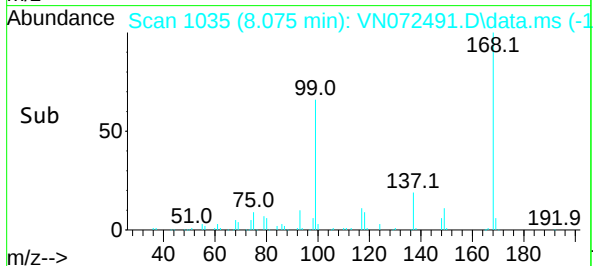
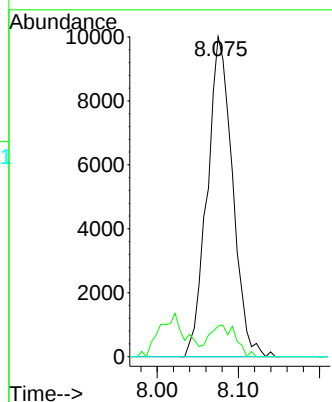
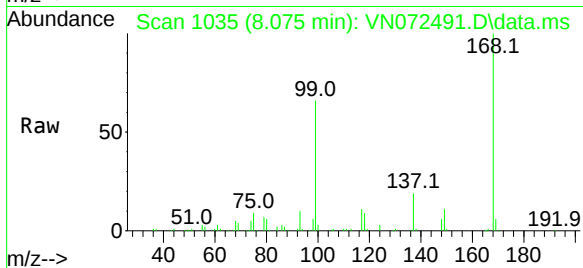
Tgt Ion: 75 Resp: 21665

Ion Ratio Lower Upper

75 100

110 10.5 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 3.878 ug/l

RT: 7.352 min Scan# 912

Delta R.T. -0.052 min

Lab File: VN072491.D

Acq: 13 May 2022 20:51

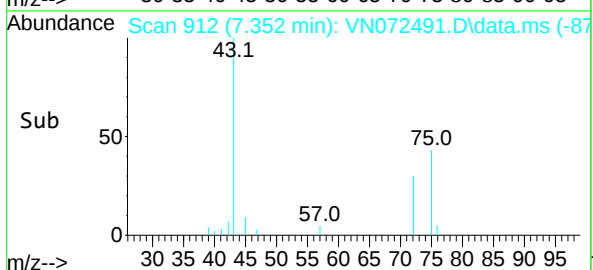
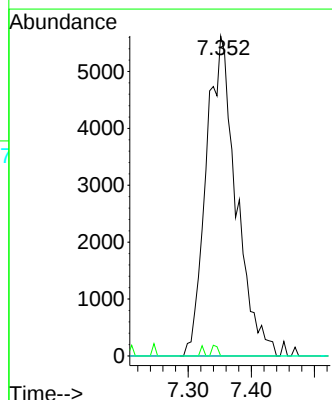
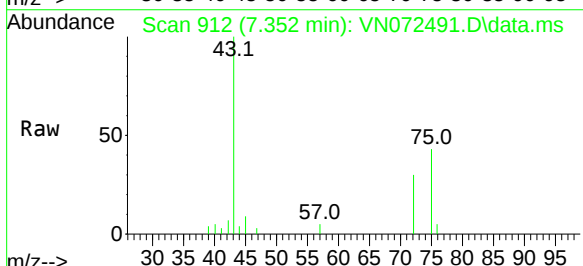
Tgt Ion: 43 Resp: 18544

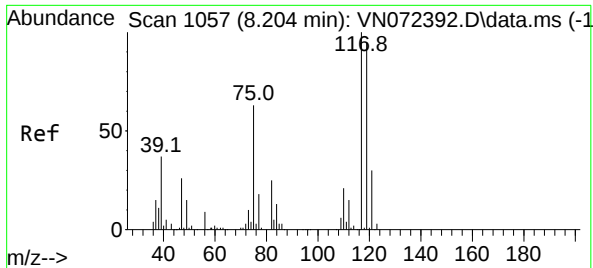
Ion Ratio Lower Upper

43 100

61 0.7 11.8 17.6#

70 0.0 9.3 13.9#

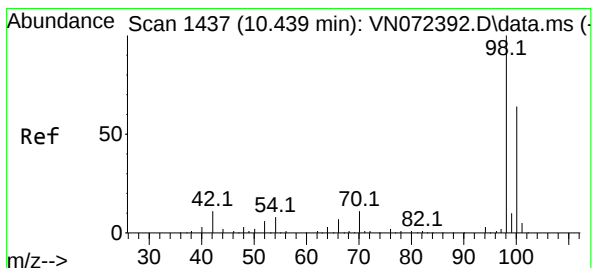
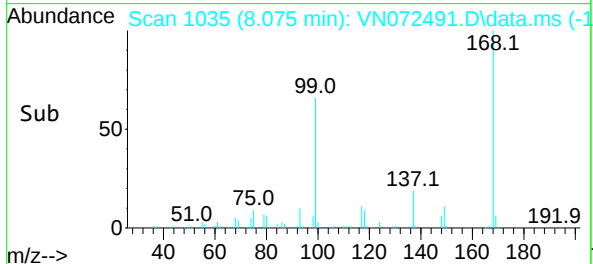
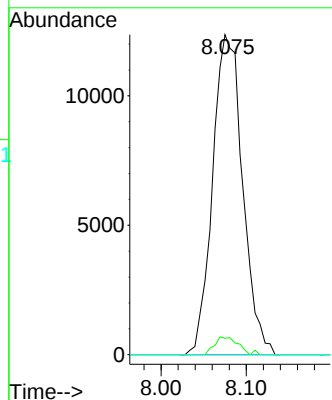
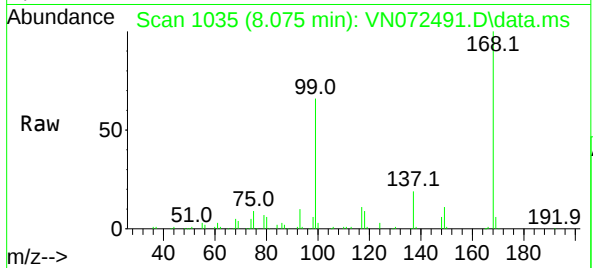




#38
Carbon Tetrachloride
Concen: 6.780 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.129 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

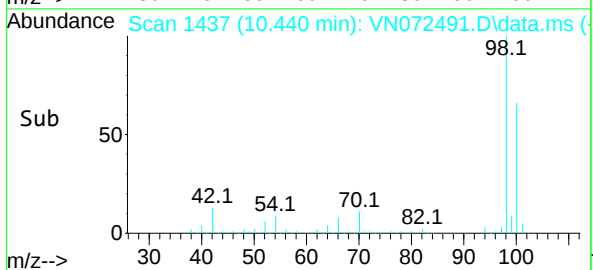
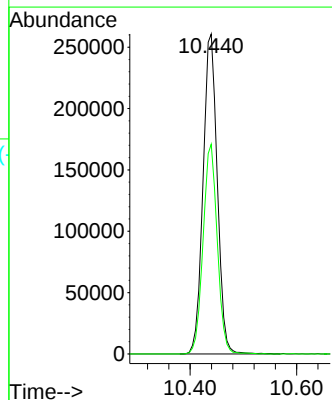
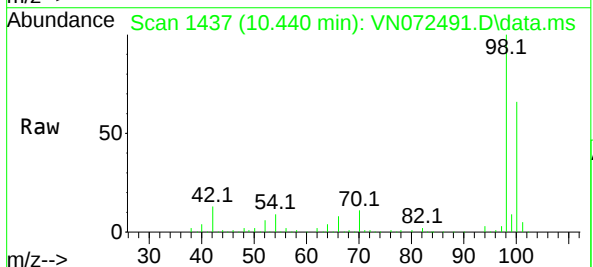
Instrument :
MSVOA_N
ClientSampleId :
SB04

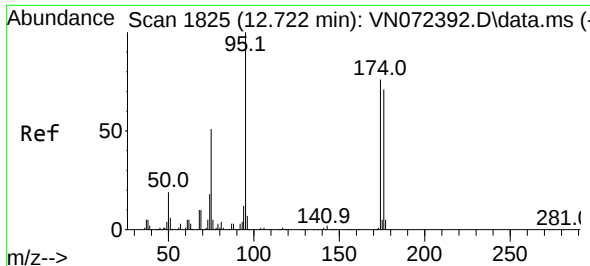
Tgt Ion:117 Resp: 30248
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.738 ug/l
RT: 10.440 min Scan# 1437
Delta R.T. 0.001 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

Tgt Ion: 98 Resp: 483417
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

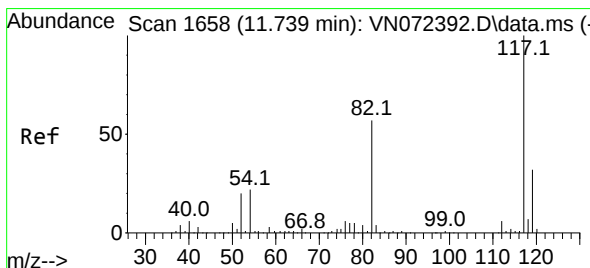
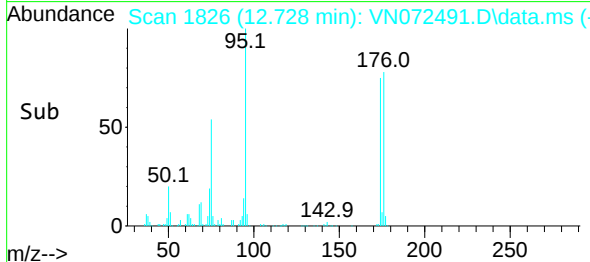
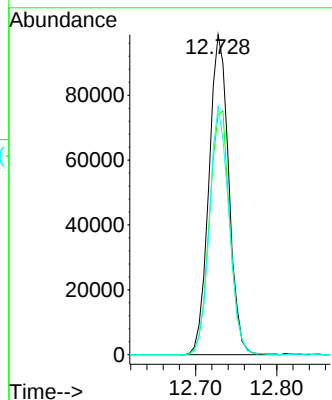
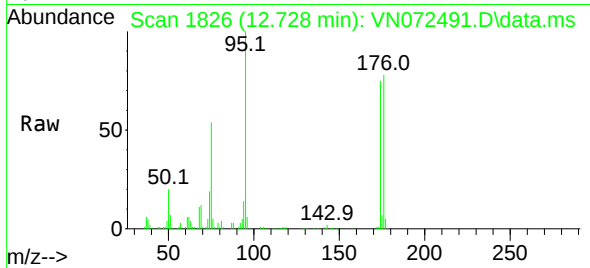




#62
4-Bromofluorobenzene
Concen: 47.627 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

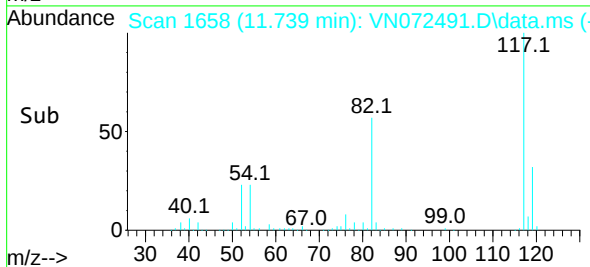
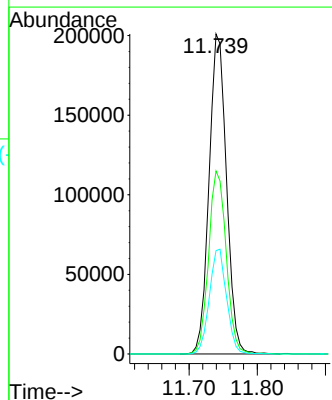
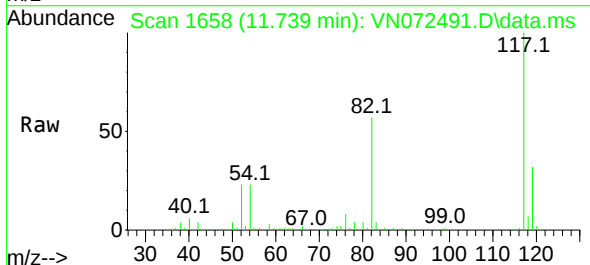
Instrument :
MSVOA_N
ClientSampleId :
SB04

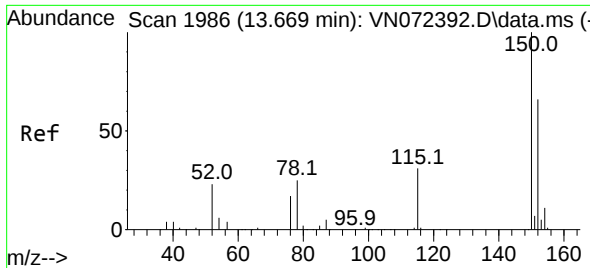
Tgt Ion: 95 Resp: 167177
Ion Ratio Lower Upper
95 100
174 78.5 0.0 167.6
176 76.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072491.D
Acq: 13 May 2022 20:51

Tgt Ion: 117 Resp: 357706
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 32.3 25.4 38.0

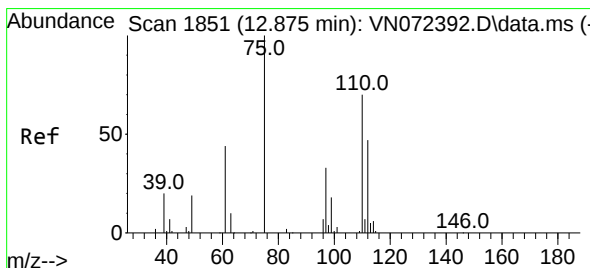
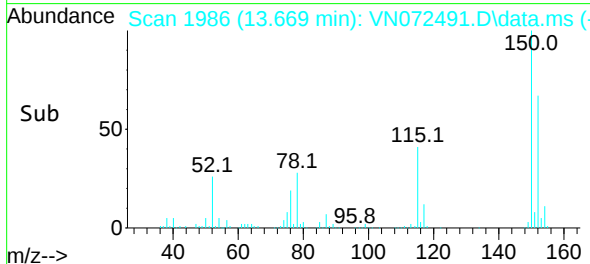
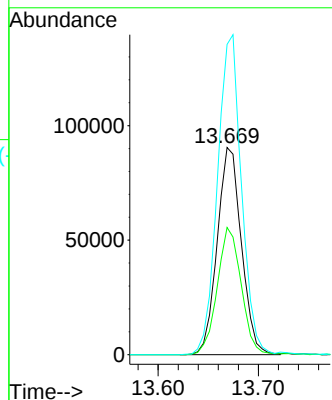
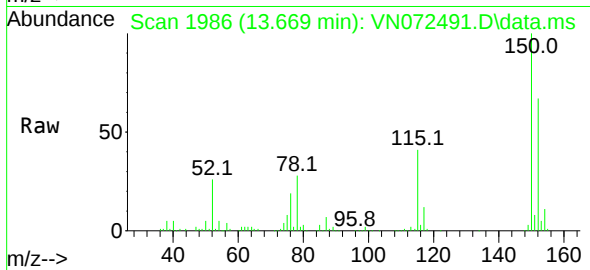




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN072491.D
 Acq: 13 May 2022 20:51

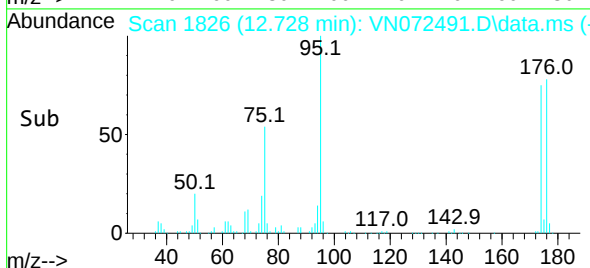
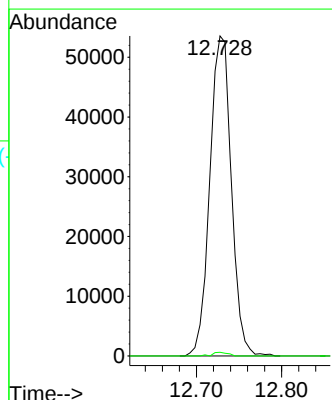
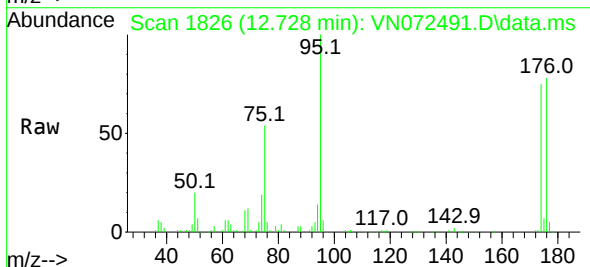
Instrument :
 MSVOA_N
 ClientSampleId :
 SB04

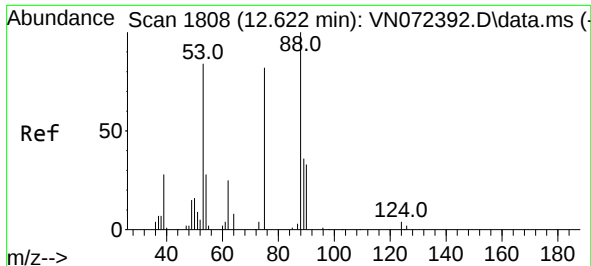
Tgt Ion:152 Resp: 151603
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.9 86.7
 150 153.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.768 ug/l
 RT: 12.728 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072491.D
 Acq: 13 May 2022 20:51

Tgt Ion: 75 Resp: 93980
 Ion Ratio Lower Upper
 75 100
 77 0.8 98.5 295.5#

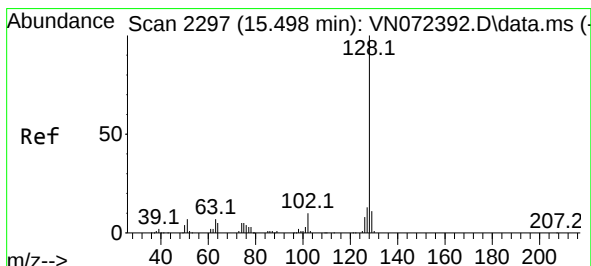
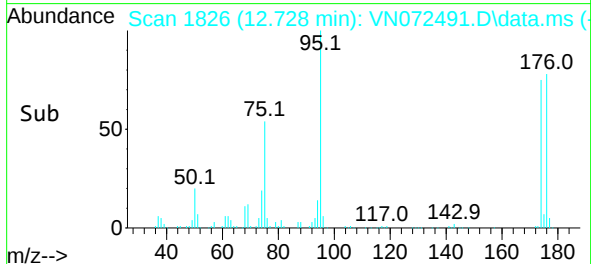
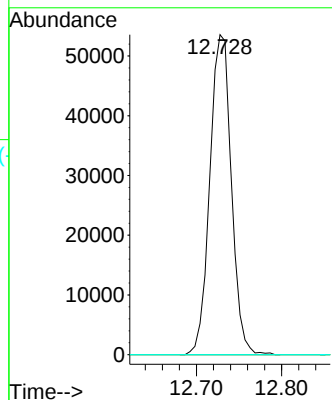
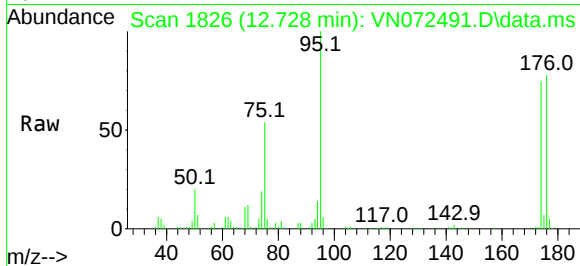




#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.290 ug/l
 RT: 12.728 min Scan# 1808
 Delta R.T. 0.106 min
 Lab File: VN072491.D
 Acq: 13 May 2022 20:51

Instrument :
 MSVOA_N
 ClientSampleId :
 SB04

Tgt Ion: 75 Resp: 93980
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#95
 Naphthalene
 Concen: 3.347 ug/l
 RT: 15.498 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VN072491.D
 Acq: 13 May 2022 20:51

Tgt Ion: 128 Resp: 1320
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.6 13.0#

