

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072766.D
 Acq On : 03 May 2022 14:00
 Operator : VA/SY
 Sample : N2604-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-042822

Quant Time: May 03 16:51:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

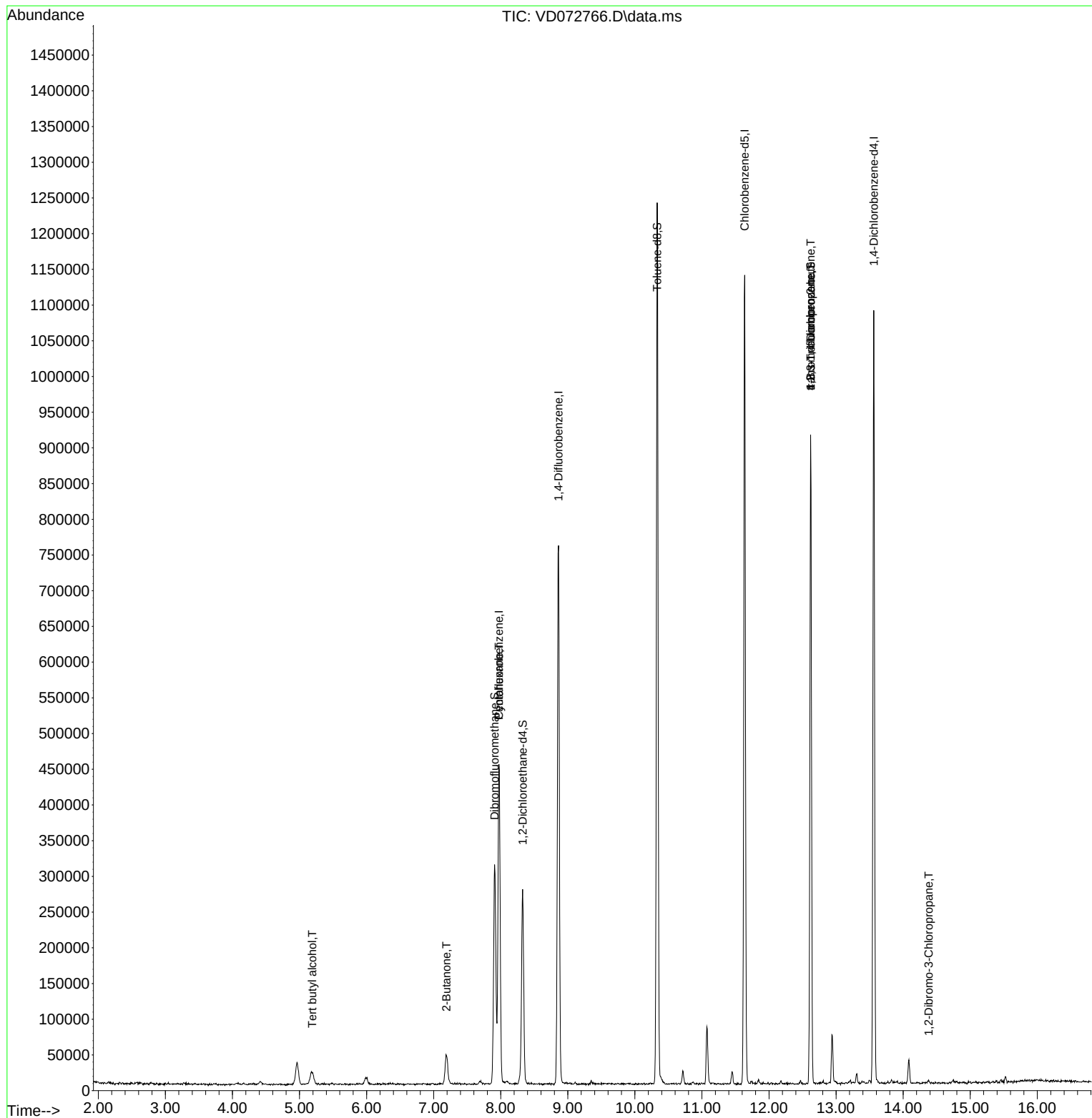
Internal Standards						
1) Pentafluorobenzene	7.973	168	321675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	647064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	639225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212883	50.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.960%	
35) Dibromofluoromethane	7.908	113	223191	49.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.220%	
50) Toluene-d8	10.332	98	799754	49.061	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.120%	
62) 4-Bromofluorobenzene	12.620	95	274069	45.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.180%	
Target Compounds						Qvalue
5) Bromomethane	2.779	94	1478	Below Cal	96	
11) Tert butyl alcohol	5.191	59	18754	51.911 ug/l	#	74
16) Acetone	4.167	43	2456	Below Cal	#	80
18) Methyl Acetate	4.726	43	56	Below Cal	#	55
20) Methylene Chloride	4.967	84	23074	Below Cal	90	
25) 2-Butanone	7.191	43	2548	2.094 ug/l	96	
31) Cyclohexane	7.973	56	8603	1.179 ug/l	#	1
76) 1,2,3-Trichloropropane	12.620	75	148243	47.448 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	148243	109.110 ug/l	#	7
92) 1,2-Dibromo-3-Chloropr...	14.379	75	846	1.213 ug/l	#	6

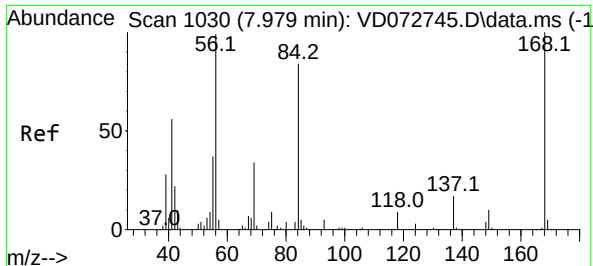
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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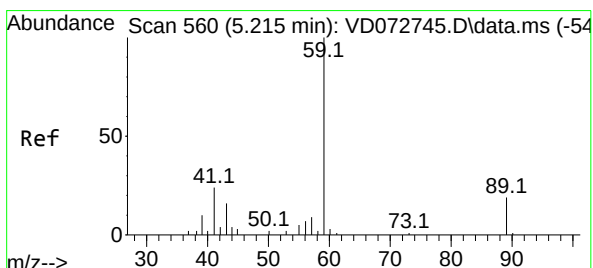
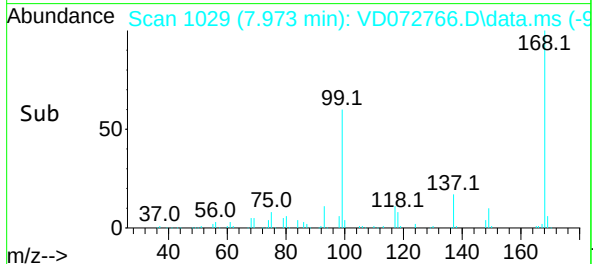
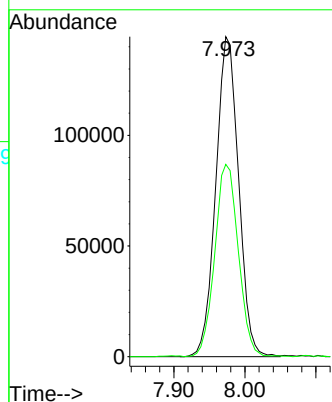
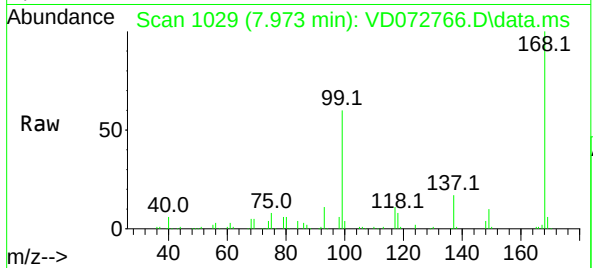




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

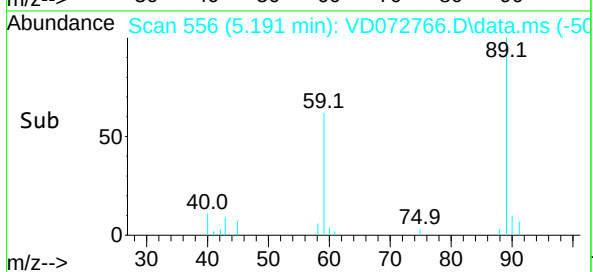
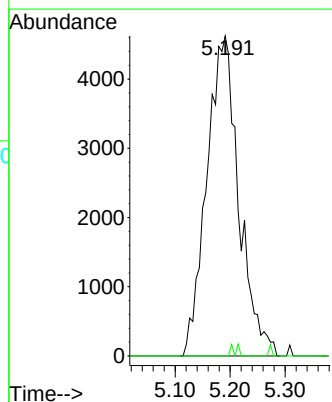
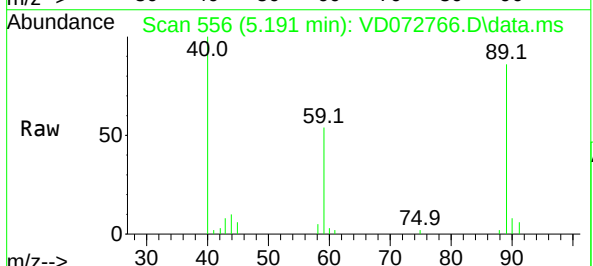
Instrument :
MSVOA_D
ClientSampleId :
NB-07-042822

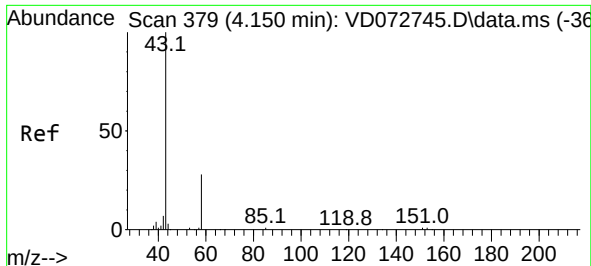
Tgt Ion:168 Resp: 321675
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#11
Tert butyl alcohol
Concen: 51.911 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.024 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

Tgt Ion: 59 Resp: 18754
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

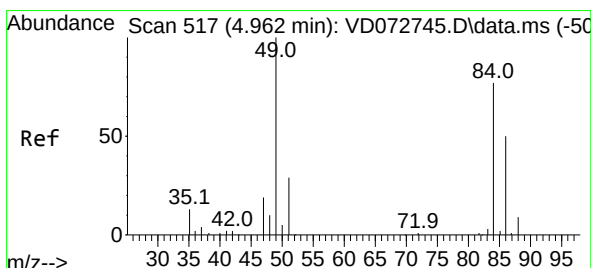
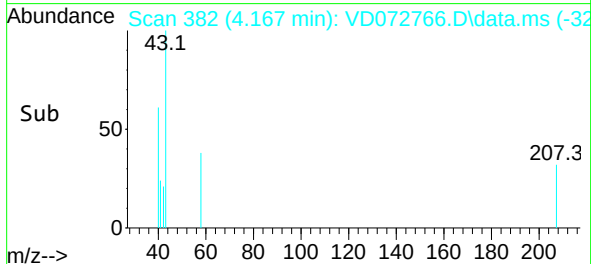
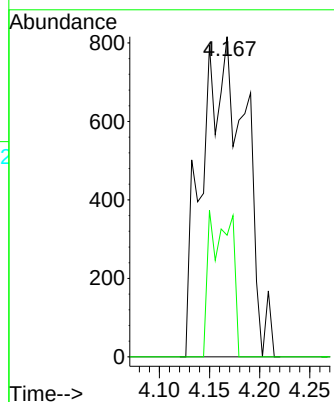
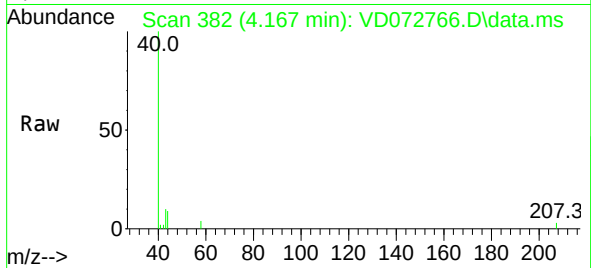




#16
Acetone
Concen: Below Cal
RT: 4.167 min Scan# 31
Delta R.T. 0.017 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

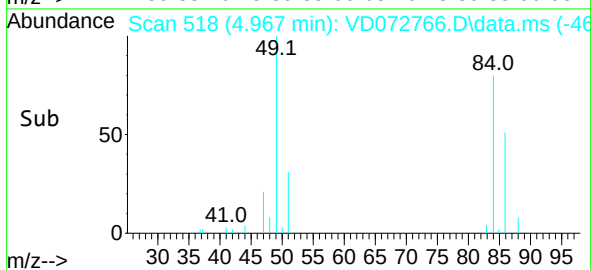
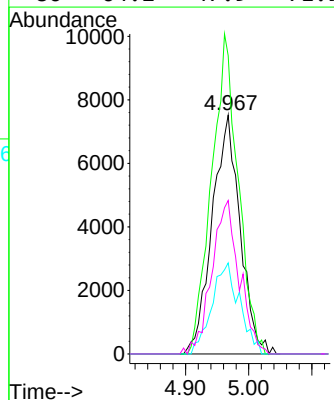
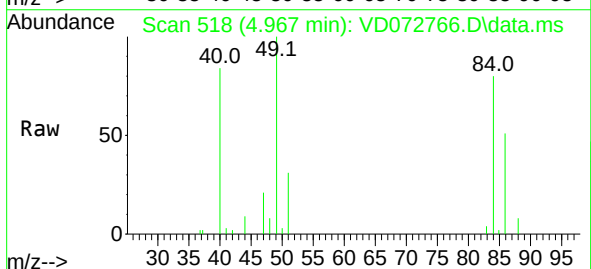
Instrument :
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ClientSampleId :
NB-07-042822

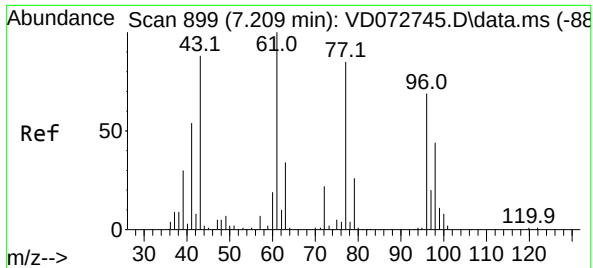
Tgt Ion: 43 Resp: 2456
Ion Ratio Lower Upper
43 100
58 38.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

Tgt Ion: 84 Resp: 23074
Ion Ratio Lower Upper
84 100
49 124.9 112.8 169.2
51 38.1 32.6 48.8
86 64.2 47.9 71.9

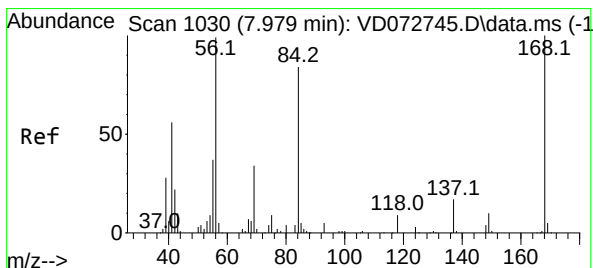
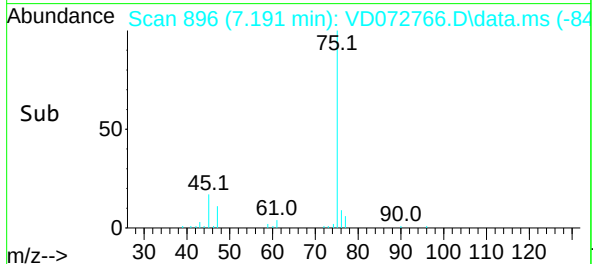
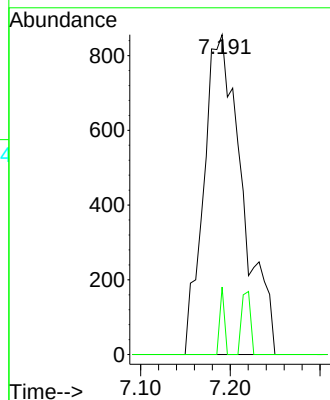
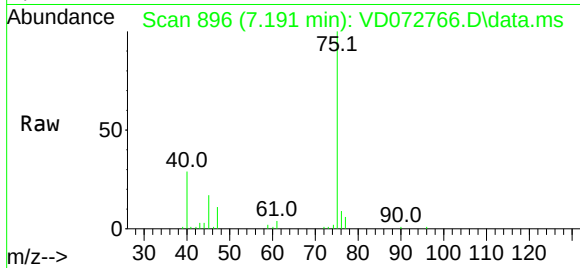




#25
2-Butanone
Concen: 2.094 ug/l
RT: 7.191 min Scan# 899
Delta R.T. -0.018 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

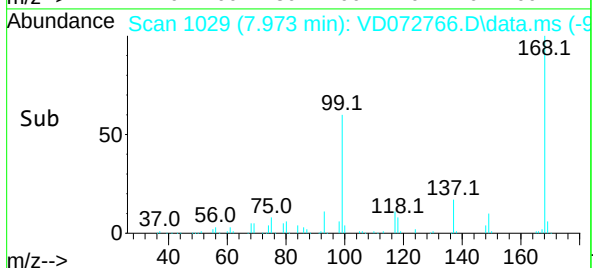
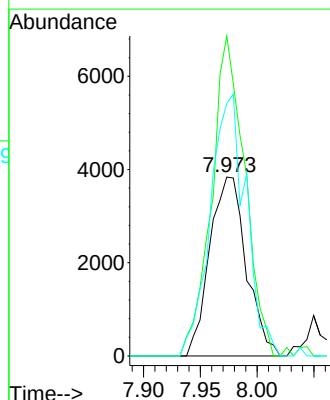
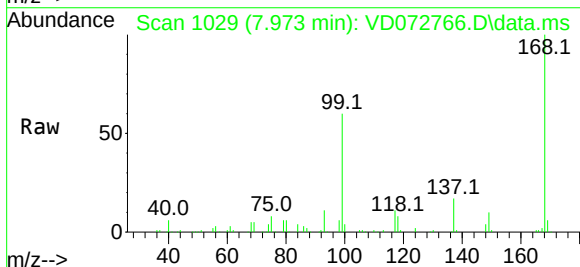
Instrument :
MSVOA_D
ClientSampleId :
NB-07-042822

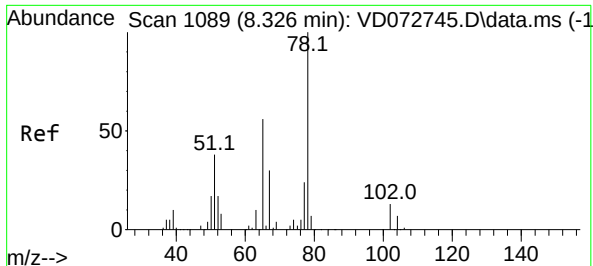
Tgt Ion: 43 Resp: 2548
Ion Ratio Lower Upper
43 100
72 21.1 18.6 27.8



#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

Tgt Ion: 56 Resp: 8603
Ion Ratio Lower Upper
56 100
69 178.9 25.4 38.2#
84 141.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 50.983 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD072766.D

Acq: 03 May 2022 14:00

Instrument :

MSVOA_D

ClientSampleId :

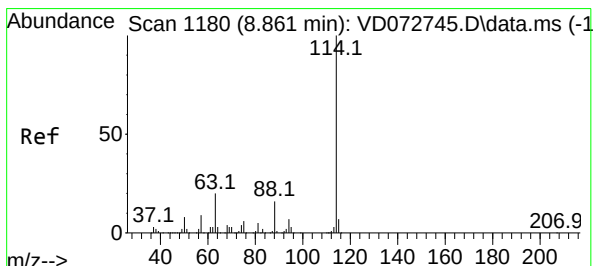
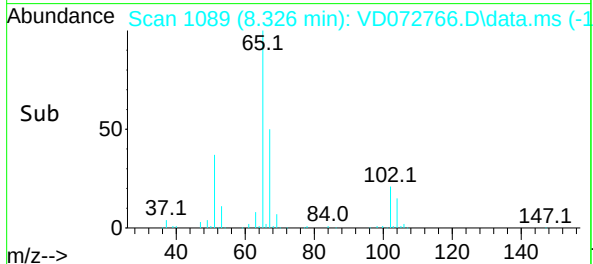
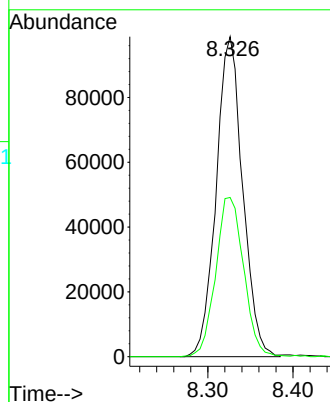
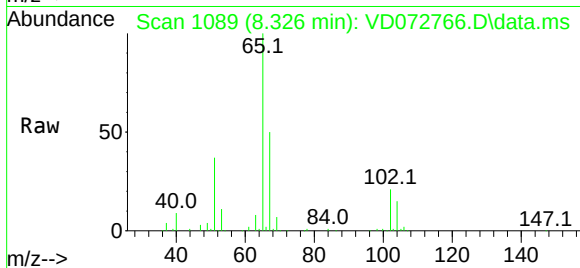
NB-07-042822

Tgt Ion: 65 Resp: 212883

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072766.D

Acq: 03 May 2022 14:00

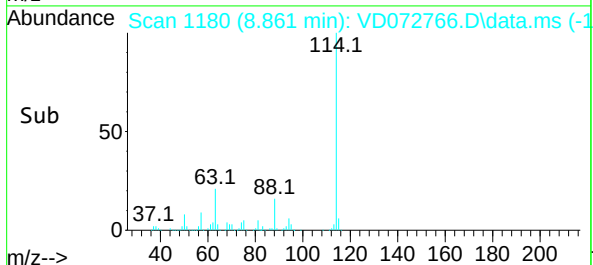
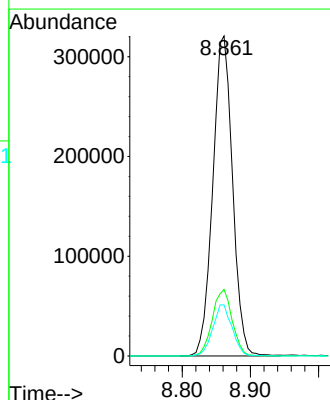
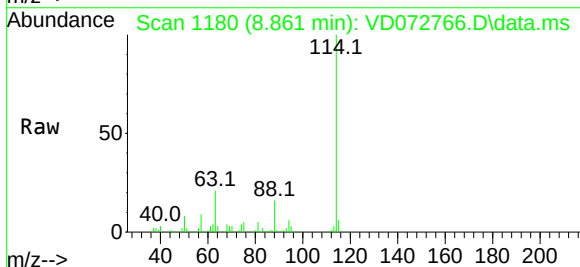
Tgt Ion: 114 Resp: 647064

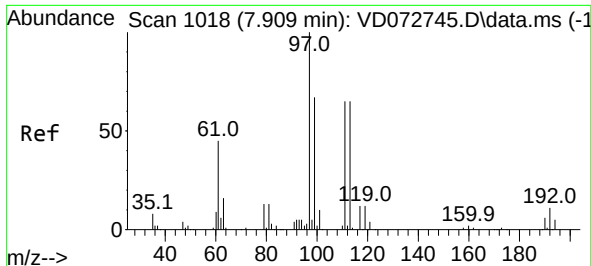
Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.113 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072766.D

Acq: 03 May 2022 14:00

Instrument :

MSVOA_D

ClientSampleId :

NB-07-042822

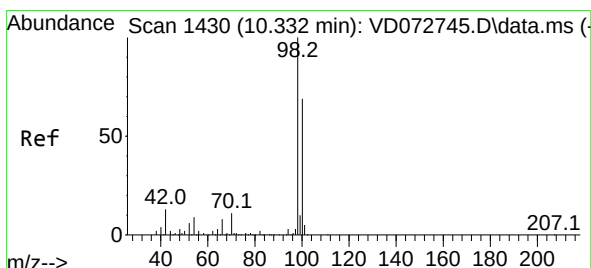
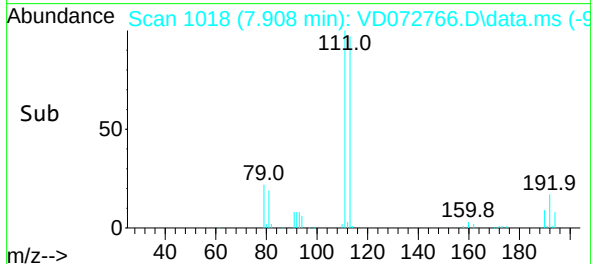
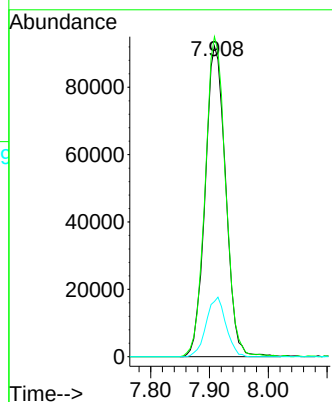
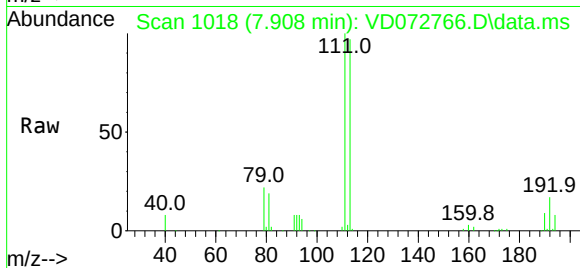
Tgt Ion:113 Resp: 223191

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.5 14.6 21.8



#50

Toluene-d8

Concen: 49.061 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072766.D

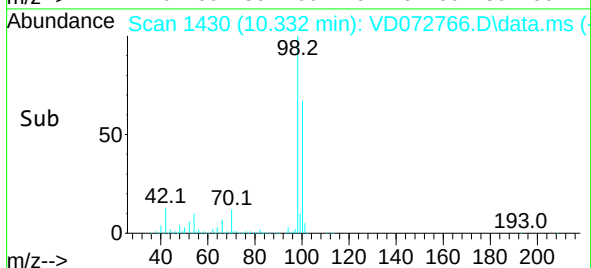
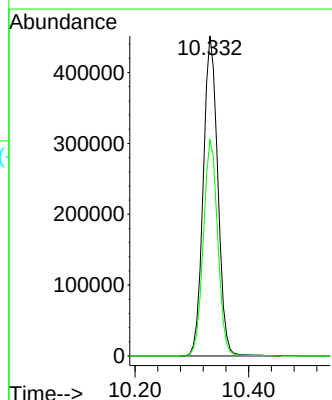
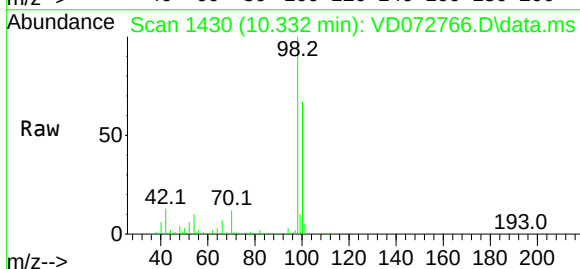
Acq: 03 May 2022 14:00

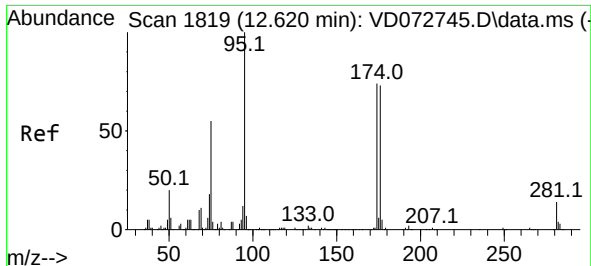
Tgt Ion: 98 Resp: 799754

Ion Ratio Lower Upper

98 100

100 67.0 52.4 78.6

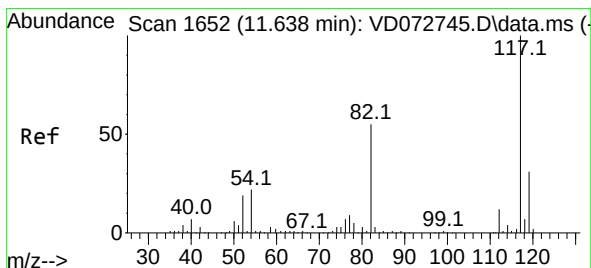
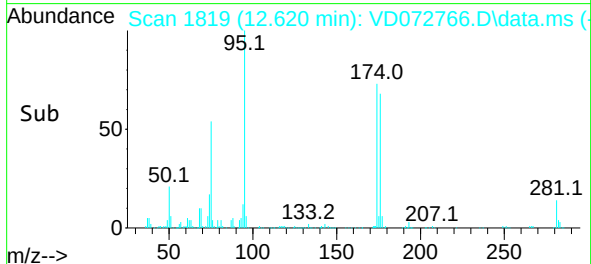
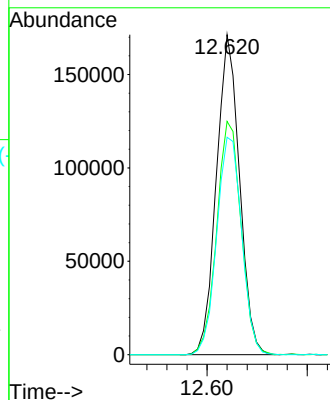
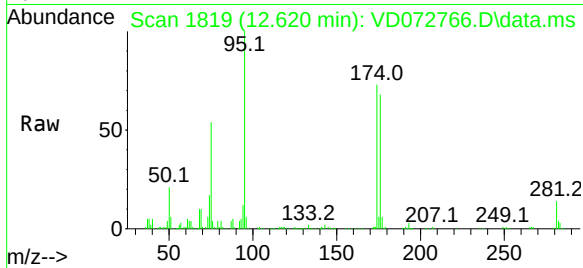




#62
4-Bromofluorobenzene
Concen: 45.090 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

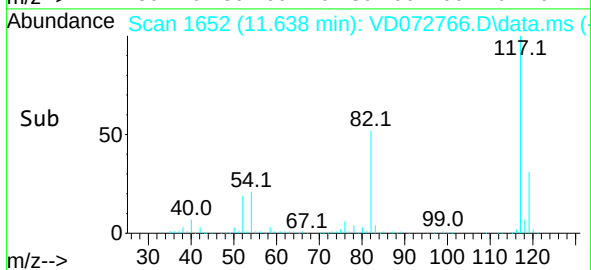
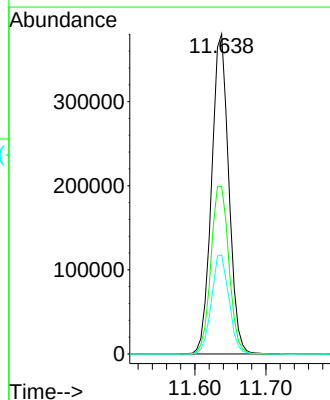
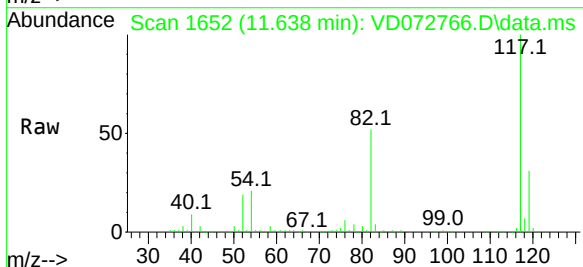
Instrument :
MSVOA_D
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NB-07-042822

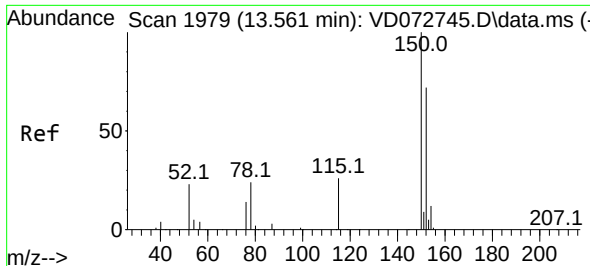
Tgt Ion: 95 Resp: 274069
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 73.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

Tgt Ion: 117 Resp: 639225
Ion Ratio Lower Upper
117 100
82 52.5 45.3 67.9
119 30.9 26.6 40.0

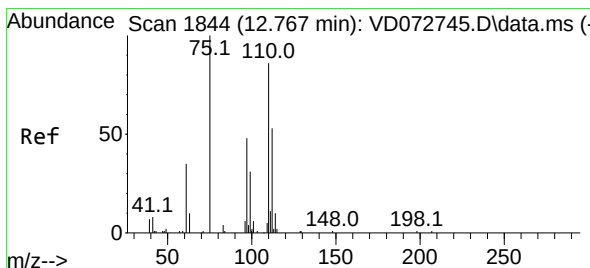
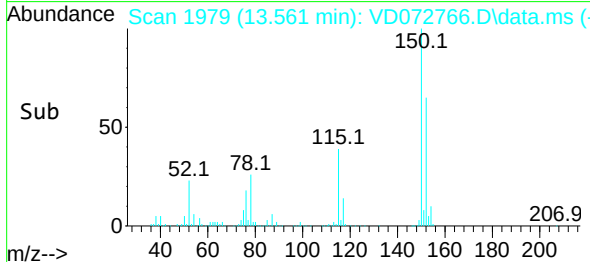
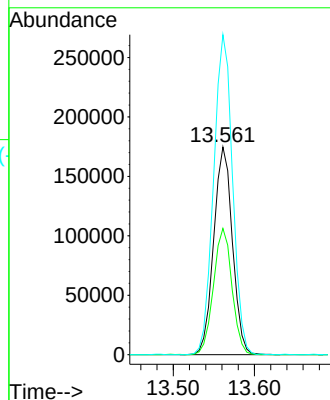
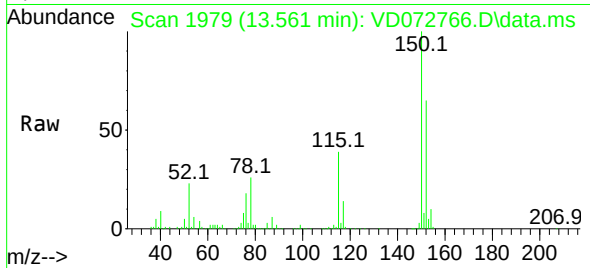




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072766.D
 Acq: 03 May 2022 14:00

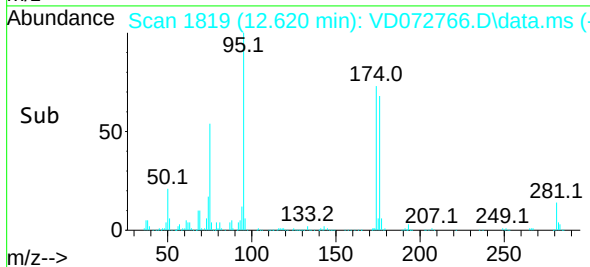
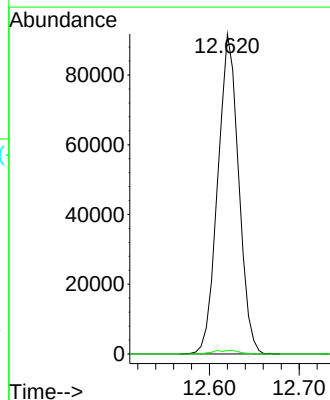
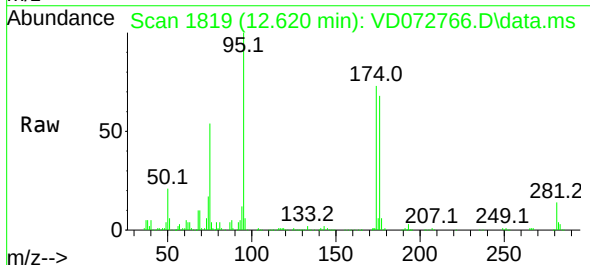
Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-042822

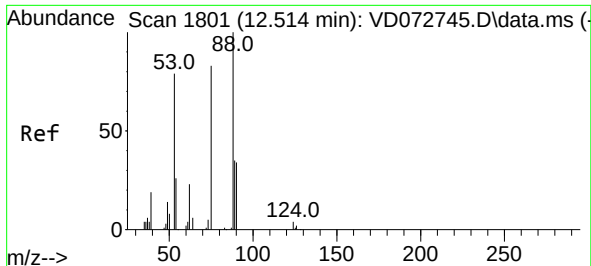
Tgt Ion:152 Resp: 280194
 Ion Ratio Lower Upper
 152 100
 115 60.0 31.3 93.8
 150 155.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 47.448 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072766.D
 Acq: 03 May 2022 14:00

Tgt Ion: 75 Resp: 148243
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

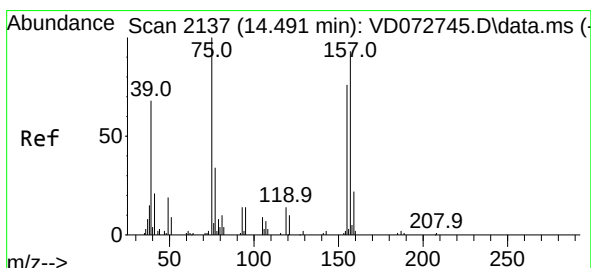
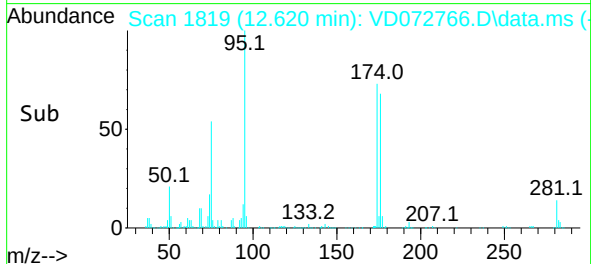
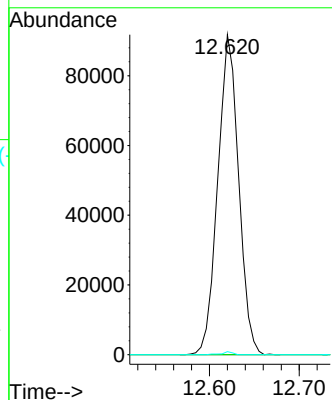
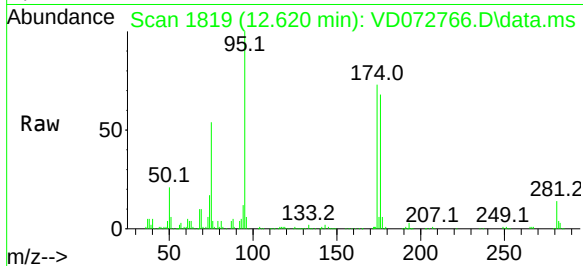




#81
trans-1,4-Dichloro-2-butene
Concen: 109.110 ug/l
RT: 12.620 min Scan# 111
Delta R.T. 0.106 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :
NB-07-042822

Tgt Ion: 75 Resp: 148243
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.5 33.9 50.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.213 ug/l
RT: 14.379 min Scan# 2118
Delta R.T. -0.112 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

Tgt Ion: 75 Resp: 846
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#

