

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076337.D
 Acq On : 06 Jun 2023 13:31
 Operator : KP/SY
 Sample : 03038-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-060223

Quant Time: Jun 07 06:10:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

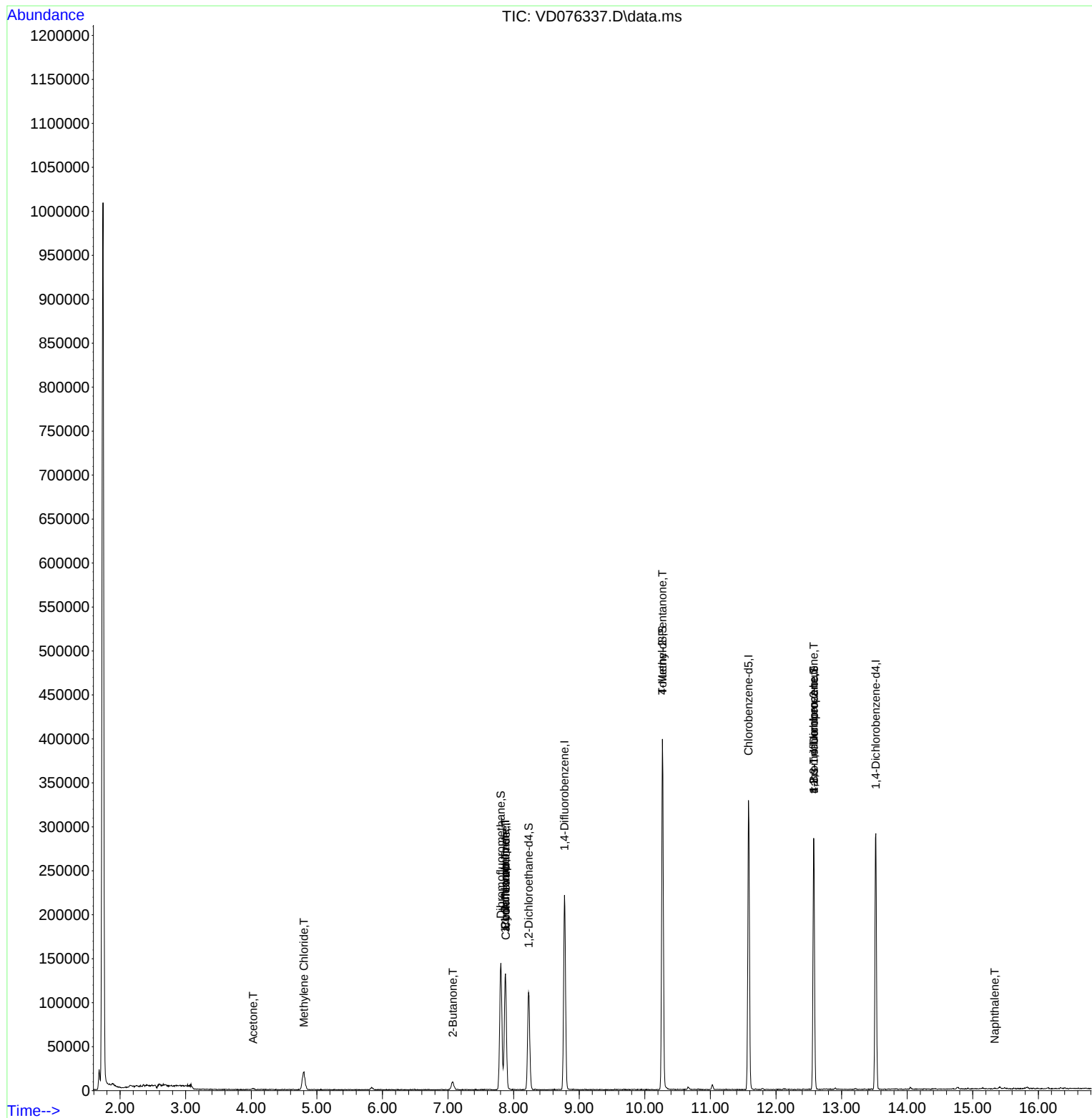
Internal Standards						
1) Pentafluorobenzene	7.875	168	112699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	211082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	86515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87159	86.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.640%#	
35) Dibromofluoromethane	7.805	113	106887	77.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 155.420%#	
50) Toluene-d8	10.269	98	295268	53.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.575	95	86744	59.856	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.720%	
Target Compounds						
16) Acetone	4.028	43	1996	10.792	ug/l	Qvalue 91
20) Methylene Chloride	4.805	84	17467	7.571	ug/l #	88
25) 2-Butanone	7.075	43	277	1.082	ug/l #	37
31) Cyclohexane	7.875	56	2231	1.316	ug/l #	47
36) 1,1-Dichloropropene	7.869	75	8027	4.062	ug/l #	45
38) Carbon Tetrachloride	7.881	117	10373	5.988	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	730	1.185	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	42267	52.337	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	42267	125.351	ug/l #	17
95) Naphthalene	15.334	128	1169	3.646	ug/l #	69

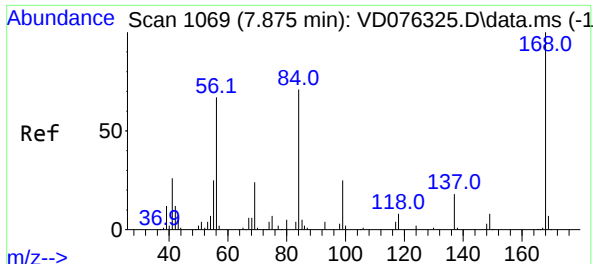
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
Data File : VD076337.D
Acq On : 06 Jun 2023 13:31
Operator : KP/SY
Sample : 03038-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NB-07-060223

Quant Time: Jun 07 06:10:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076337.D

Acq: 06 Jun 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

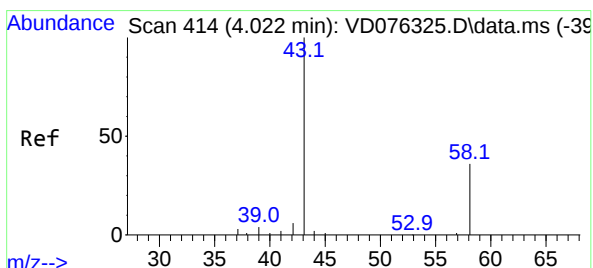
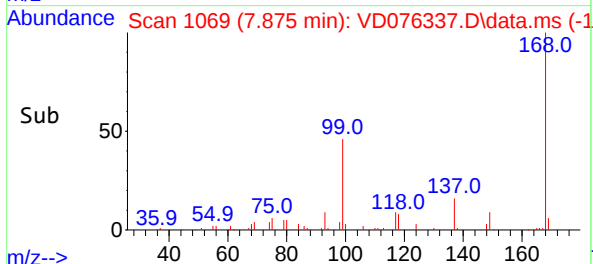
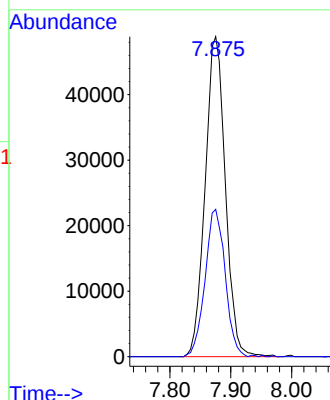
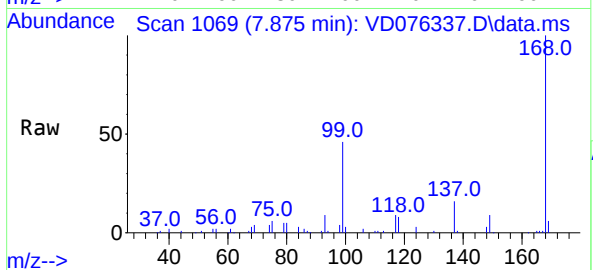
NB-07-060223

Tgt Ion:168 Resp: 112699

Ion Ratio Lower Upper

168 100

99 46.1 36.7 55.1



#16

Acetone

Concen: 10.792 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD076337.D

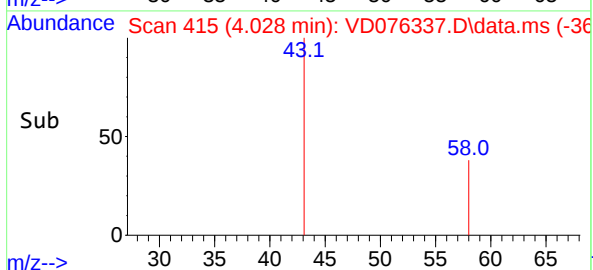
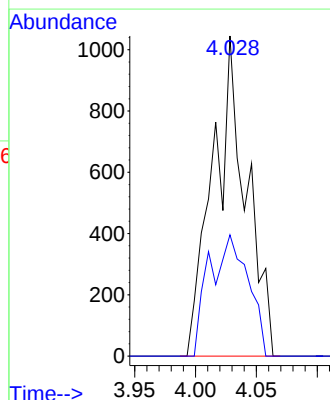
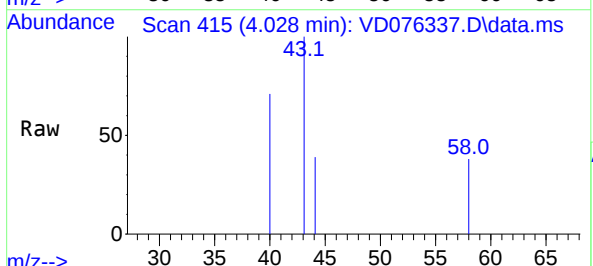
Acq: 06 Jun 2023 13:31

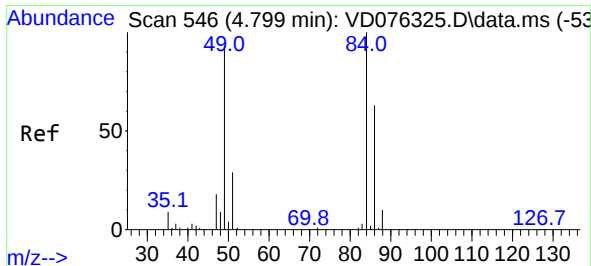
Tgt Ion: 43 Resp: 1996

Ion Ratio Lower Upper

43 100

58 37.9 34.7 52.1

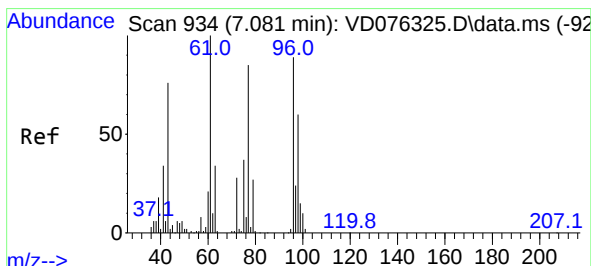
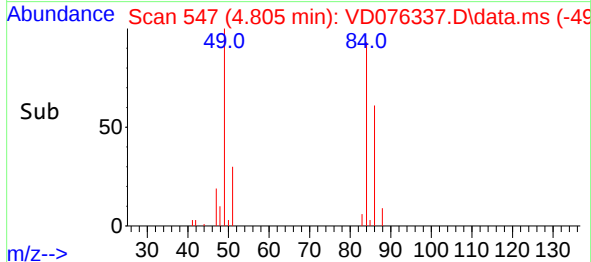
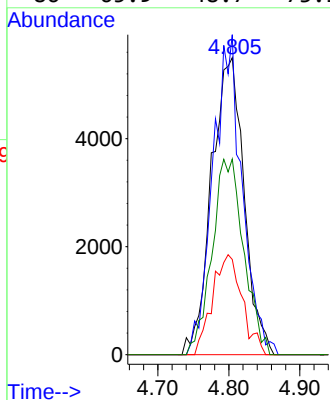
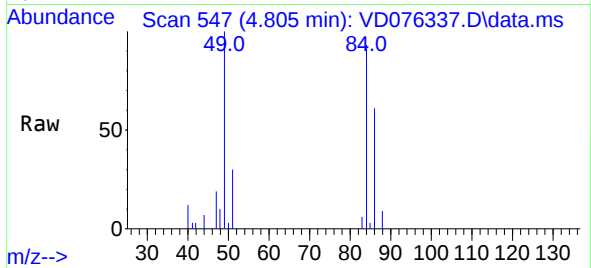




#20
Methylene Chloride
Concen: 7.571 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

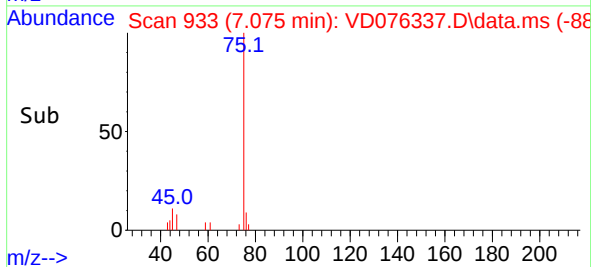
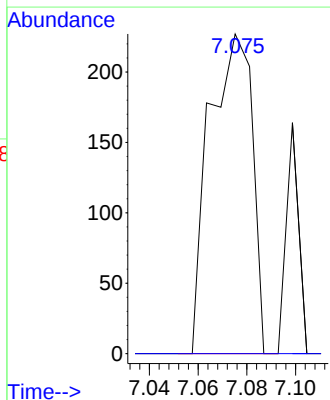
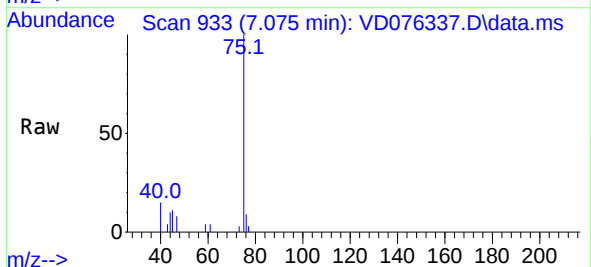
Instrument :
MSVOA_D
ClientSampleId :
NB-07-060223

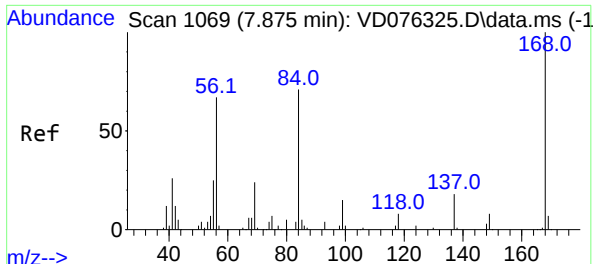
Tgt Ion: 84 Resp: 17467
Ion Ratio Lower Upper
84 100
49 107.8 71.4 107.2#
51 32.0 24.5 36.7
86 65.9 48.7 73.1



#25
2-Butanone
Concen: 1.082 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

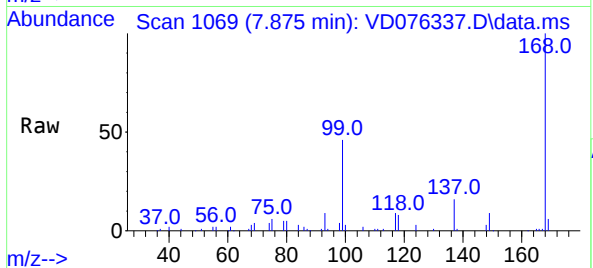
Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



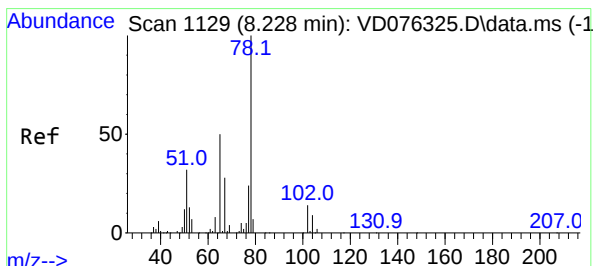
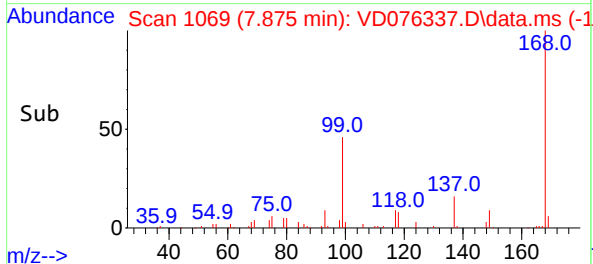
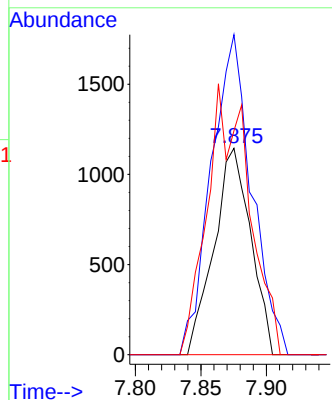


#31
Cyclohexane
Concen: 1.316 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

Instrument :
MSVOA_D
ClientSampleId :
NB-07-060223

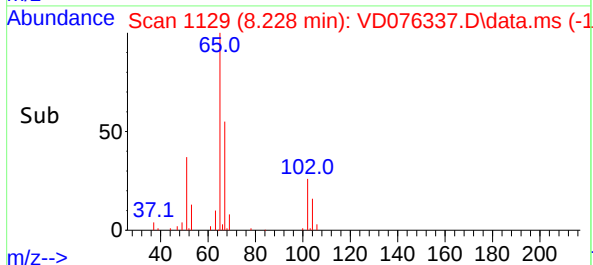
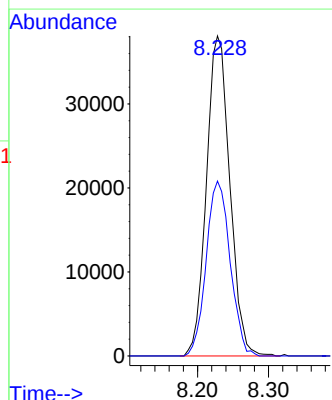
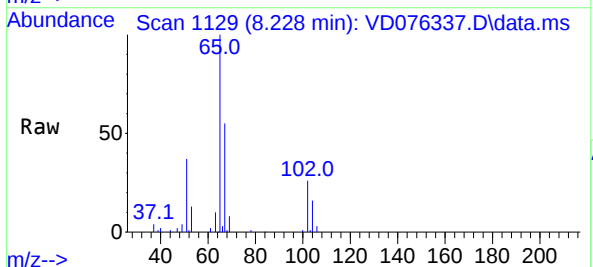


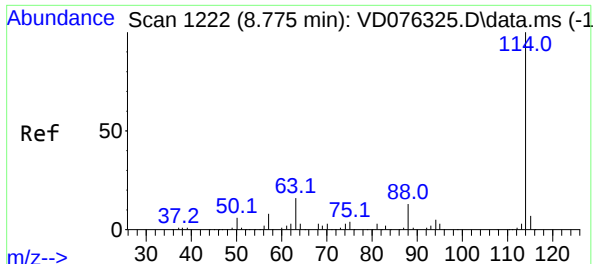
Tgt Ion: 56 Resp: 2231
Ion Ratio Lower Upper
56 100
69 155.0 28.6 43.0#
84 108.5 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 86.315 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

Tgt Ion: 65 Resp: 87159
Ion Ratio Lower Upper
65 100
67 55.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076337.D

Acq: 06 Jun 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

NB-07-060223

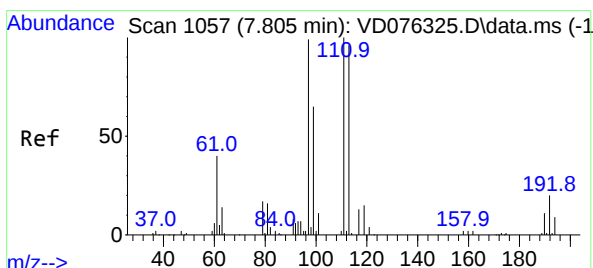
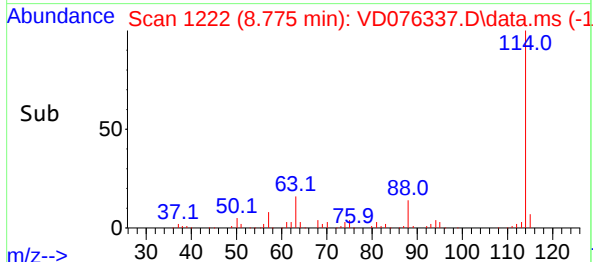
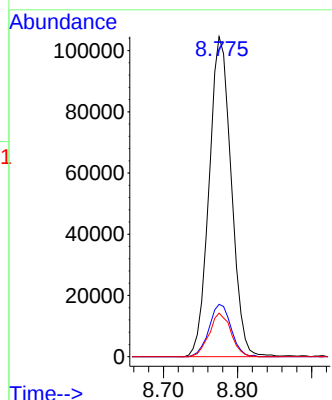
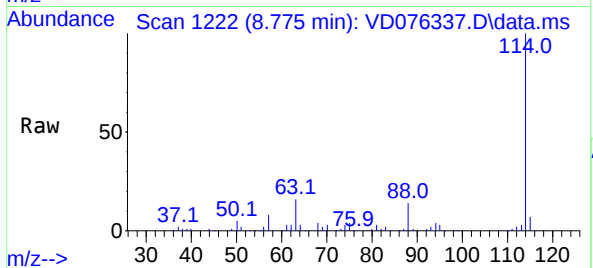
Tgt Ion:114 Resp: 216622

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 77.713 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076337.D

Acq: 06 Jun 2023 13:31

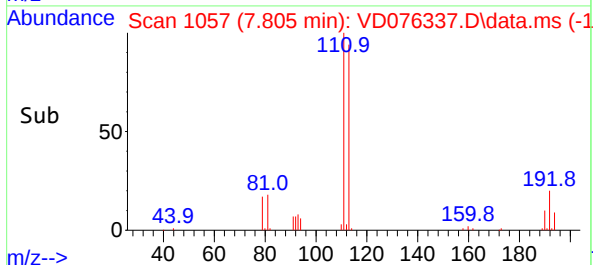
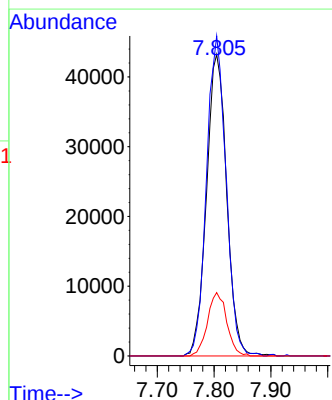
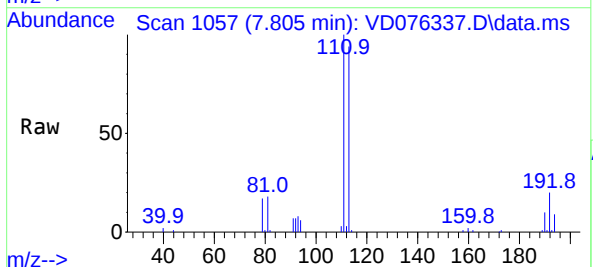
Tgt Ion:113 Resp: 106887

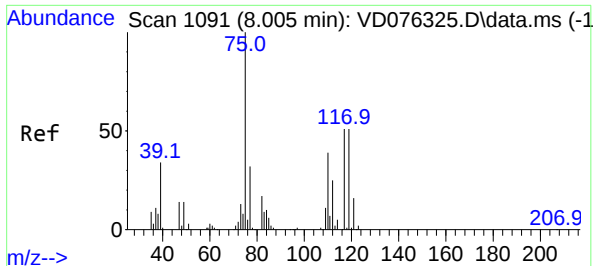
Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 20.0 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.062 ug/l

RT: 7.869 min Scan# 10

Delta R.T. -0.135 min

Lab File: VD076337.D

Acq: 06 Jun 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

NB-07-060223

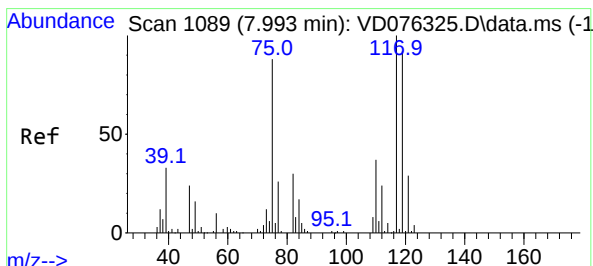
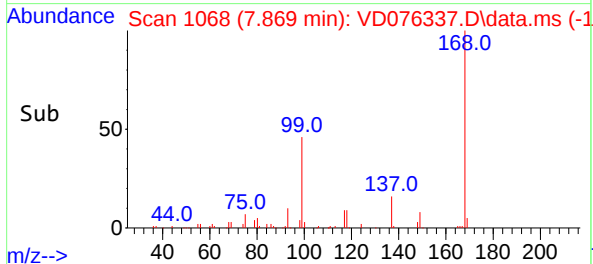
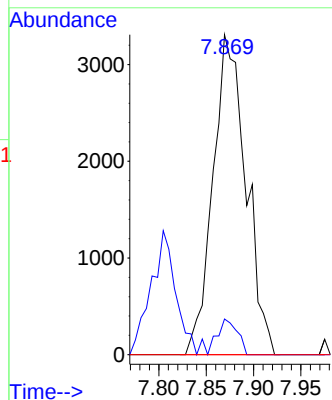
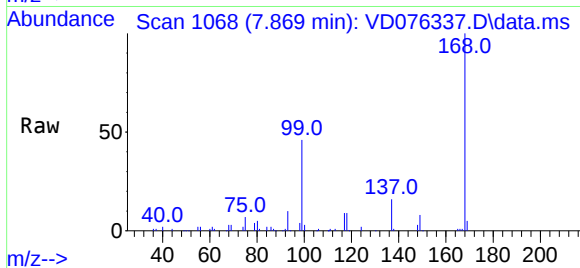
Tgt Ion: 75 Resp: 8027

Ion Ratio Lower Upper

75 100

110 6.8 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.988 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD076337.D

Acq: 06 Jun 2023 13:31

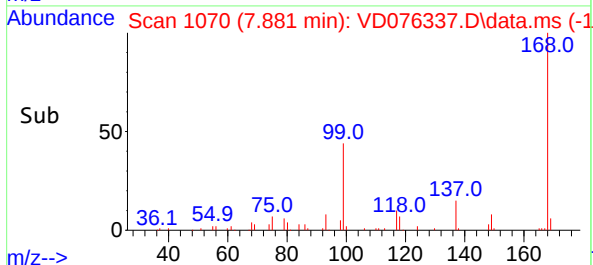
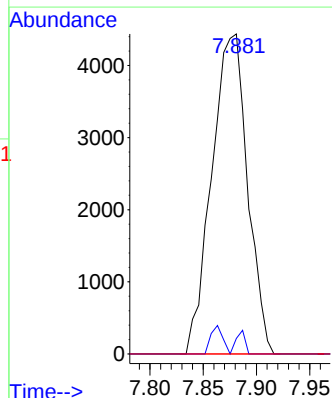
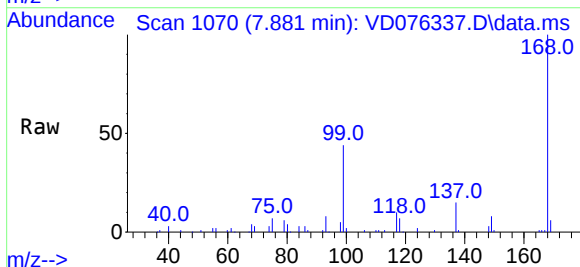
Tgt Ion: 117 Resp: 10373

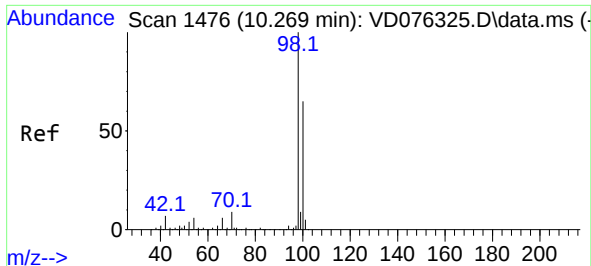
Ion Ratio Lower Upper

117 100

119 4.8 78.0 117.0#

121 0.0 24.2 36.2#

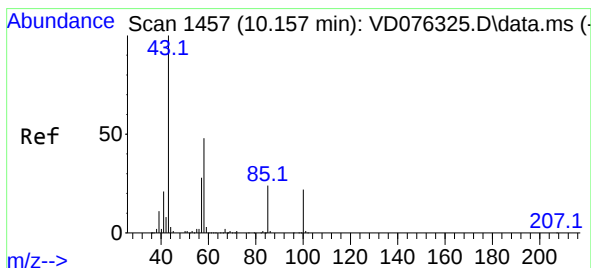
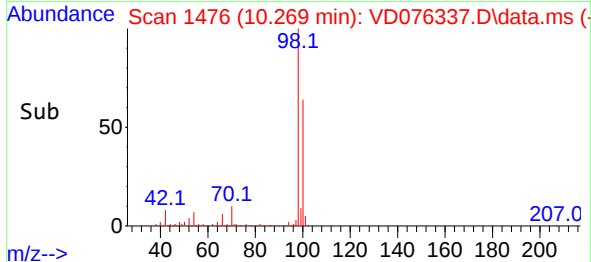
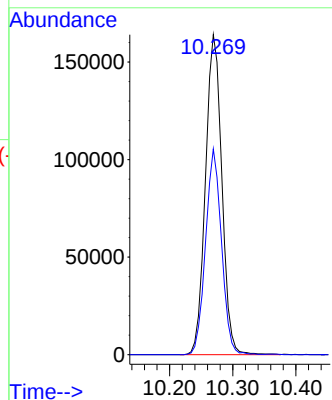
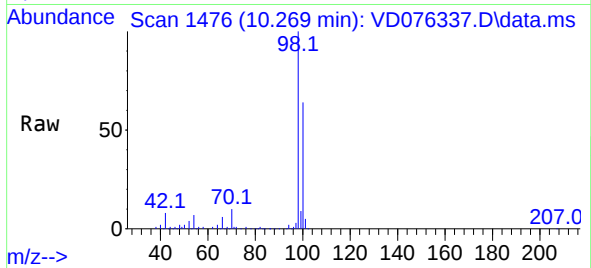




#50
Toluene-d8
Concen: 53.919 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

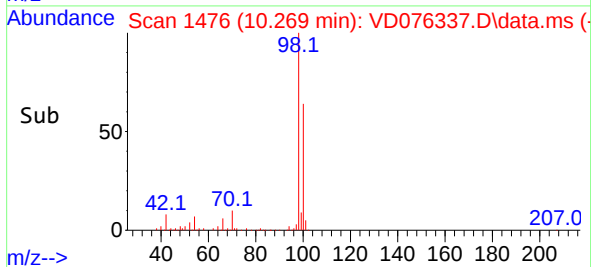
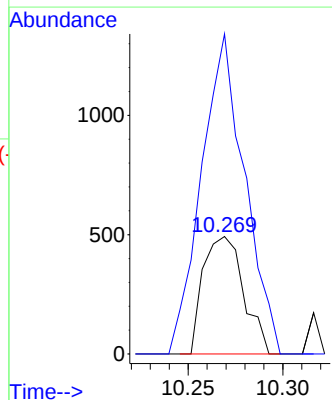
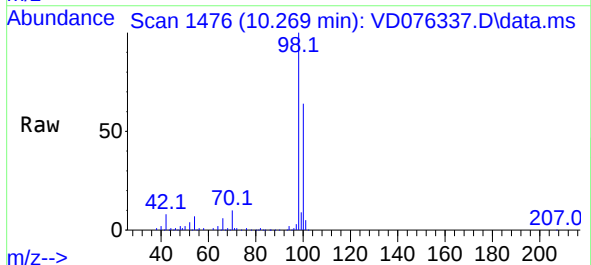
Instrument :
MSVOA_D
ClientSampleId :
NB-07-060223

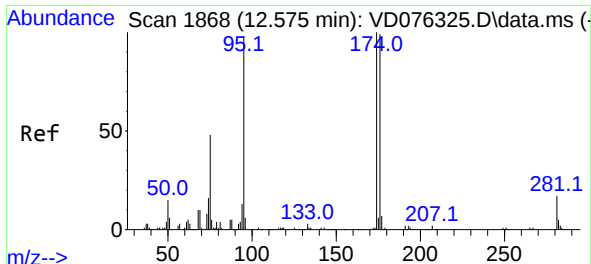
Tgt Ion: 98 Resp: 295268
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.185 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

Tgt Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
58 291.8 38.9 58.3#

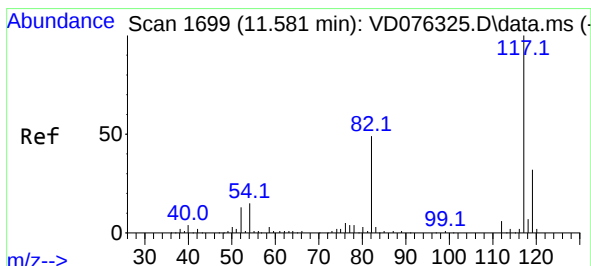
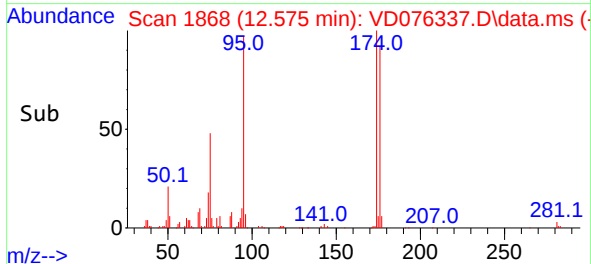
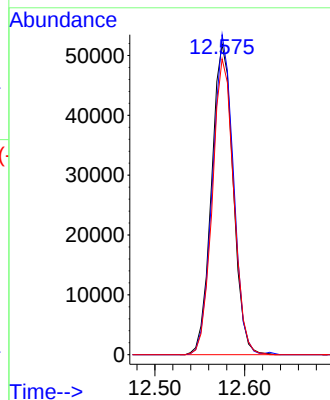
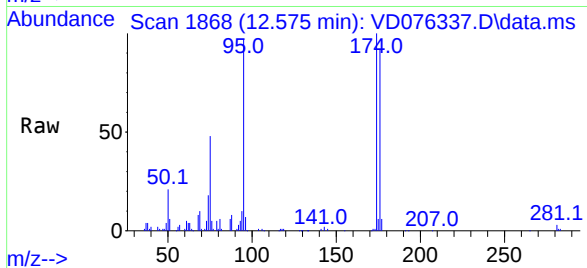




#62
4-Bromofluorobenzene
Concen: 59.856 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

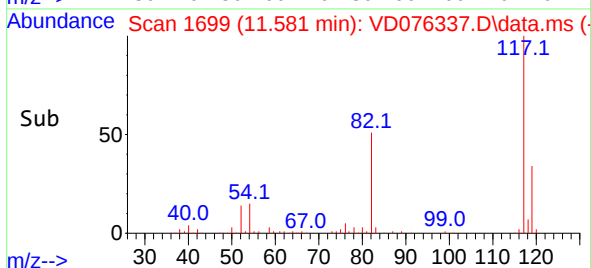
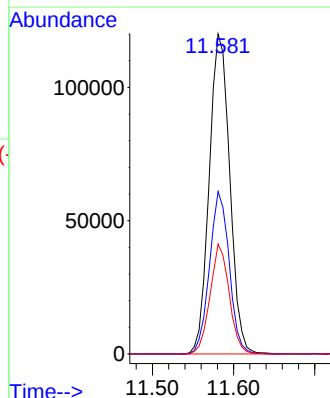
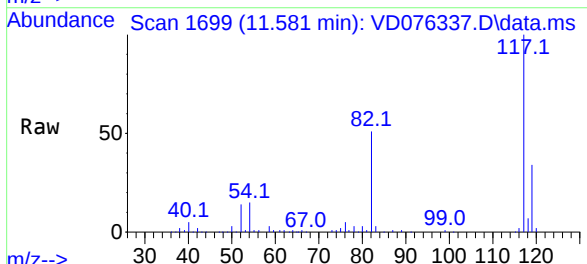
Instrument :
MSVOA_D
ClientSampleId :
NB-07-060223

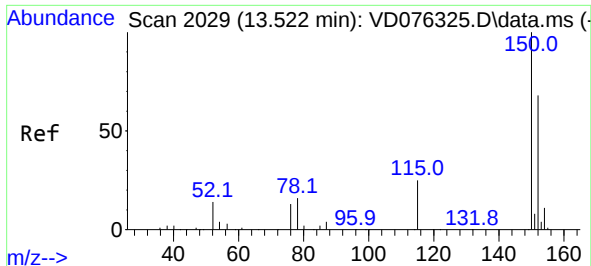
Tgt Ion:	95	Resp:	86744
Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	201.8
176	93.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

Tgt Ion:	117	Resp:	211082
Ion	Ratio	Lower	Upper
117	100		
82	50.7	38.3	57.5
119	34.3	25.0	37.4

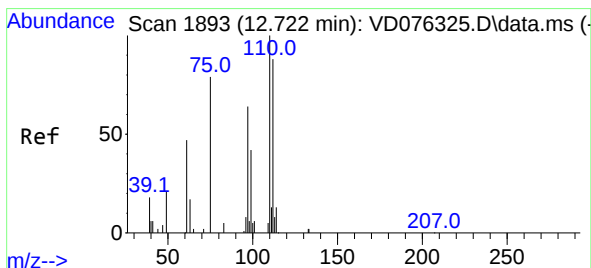
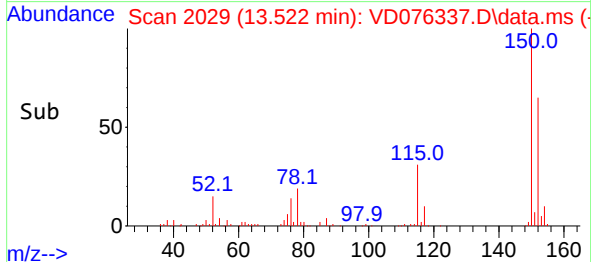
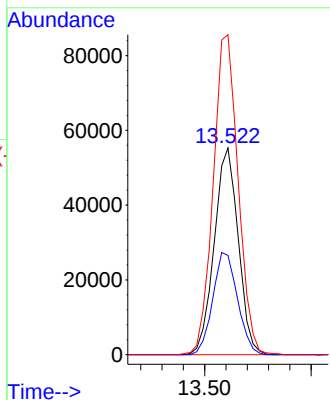
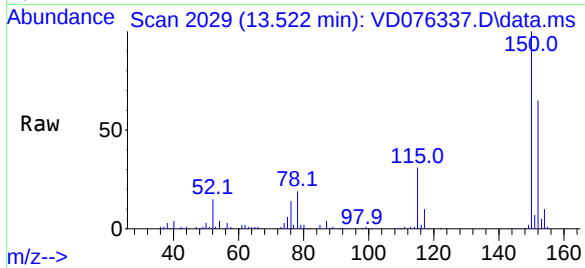




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.000 min
 Lab File: VD076337.D
 Acq: 06 Jun 2023 13:31

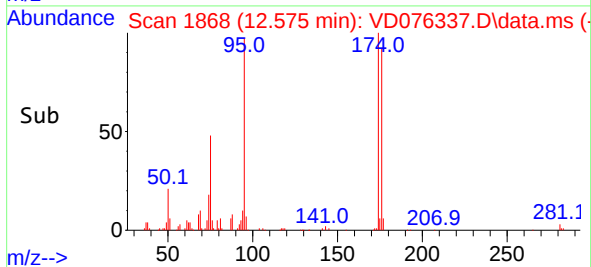
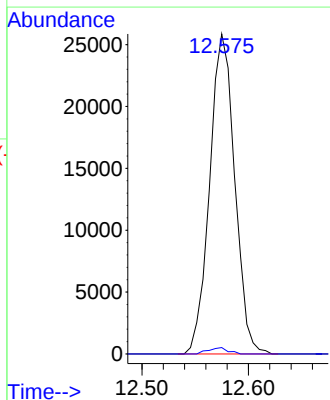
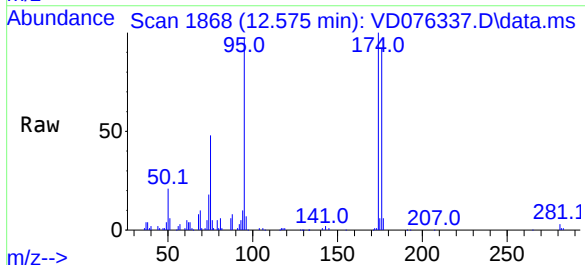
Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-060223

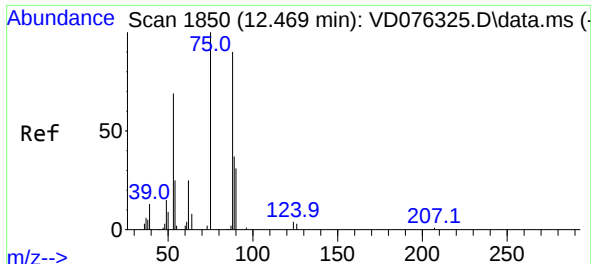
Tgt Ion:152 Resp: 86515
 Ion Ratio Lower Upper
 152 100
 115 50.8 27.1 81.3
 150 160.3 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 52.337 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076337.D
 Acq: 06 Jun 2023 13:31

Tgt Ion: 75 Resp: 42267
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

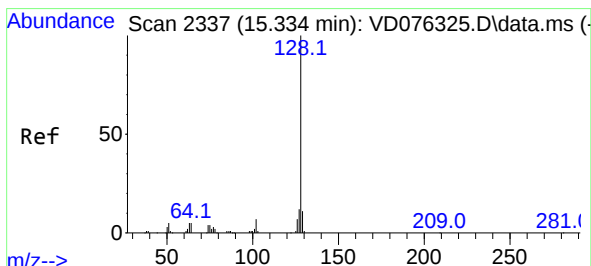
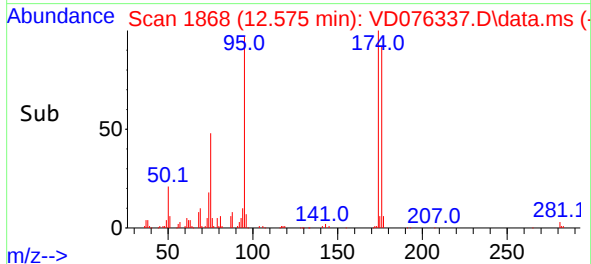
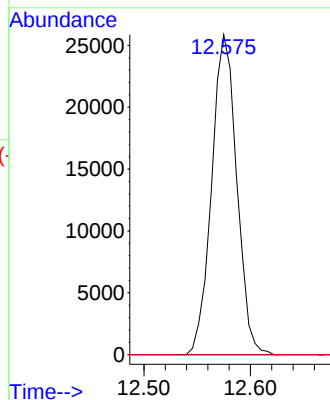
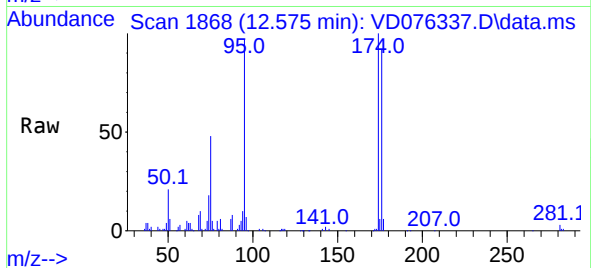




#81
trans-1,4-Dichloro-2-butene
Concen: 125.351 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

Instrument :
MSVOA_D
ClientSampleId :
NB-07-060223

Tgt Ion: 75 Resp: 42267
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.646 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

Tgt Ion:128 Resp: 1169
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

