

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076766.D
 Acq On : 22 Feb 2023 12:57
 Operator : JC\MD
 Sample : VN0222WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBL02

Quant Time: Feb 22 23:56:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

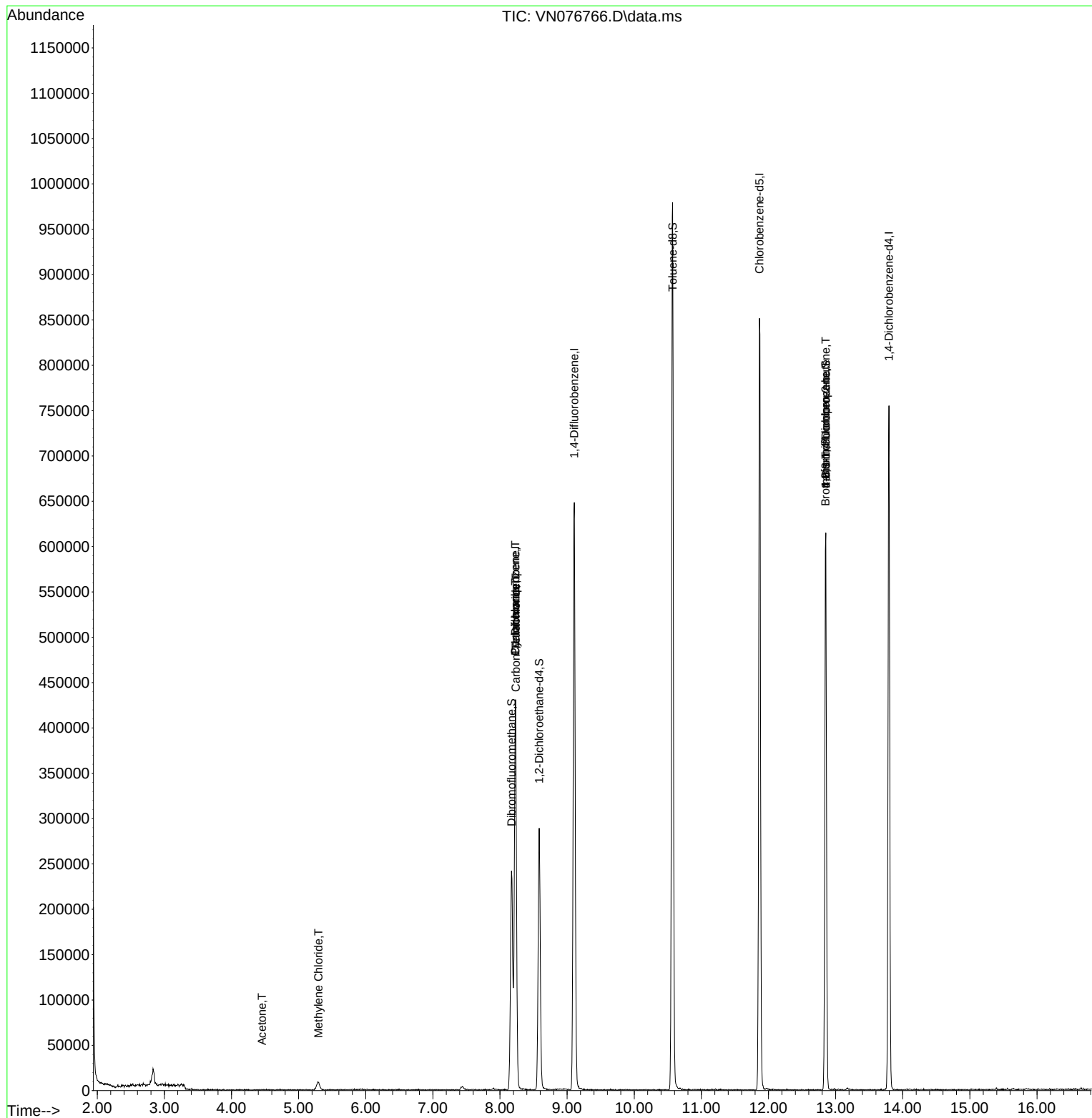
Internal Standards						
1) Pentafluorobenzene	8.231	168	298152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	545329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	473761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	187348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	221219	53.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.460%	
35) Dibromofluoromethane	8.172	113	169248	47.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.780%	
50) Toluene-d8	10.572	98	663396	49.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	12.854	95	194587	44.051	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	435	0.237	ug/l #	42
20) Methylene Chloride	5.295	84	7358	1.909	ug/l #	70
31) Cyclohexane	8.231	56	8913	1.380	ug/l #	32
36) 1,1-Dichloropropene	8.231	75	28396	5.503	ug/l #	49
38) Carbon Tetrachloride	8.236	117	30339	5.829	ug/l #	18
71) Bromoform	12.848	173	1542	0.576	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	112974	29.827	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	112974	86.873	ug/l #	4

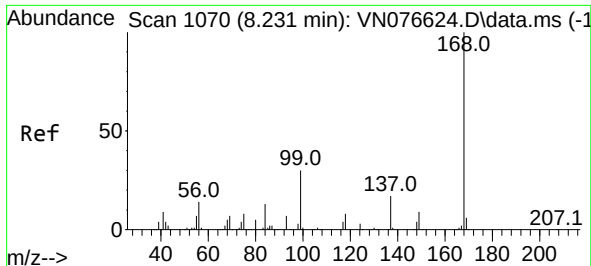
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

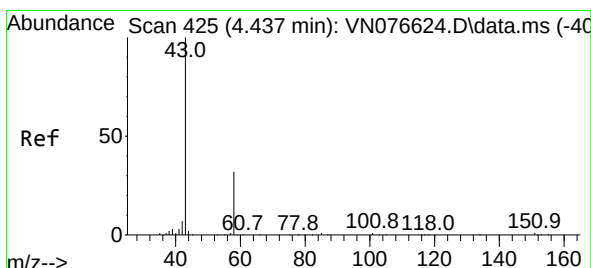
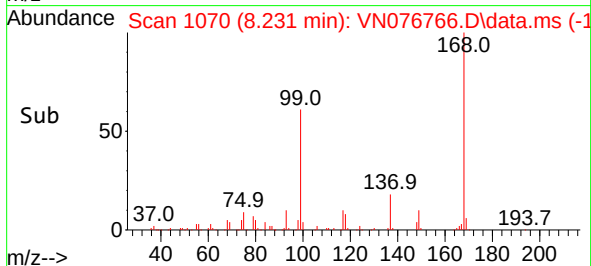
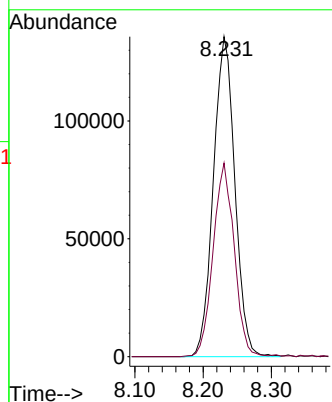
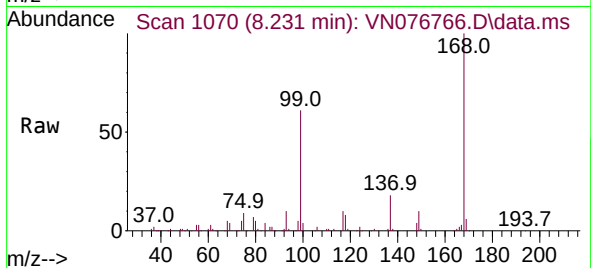




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

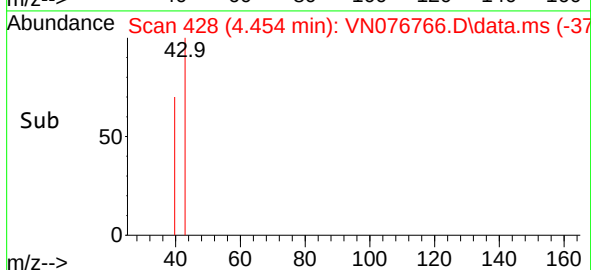
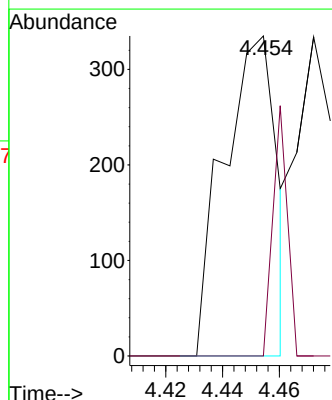
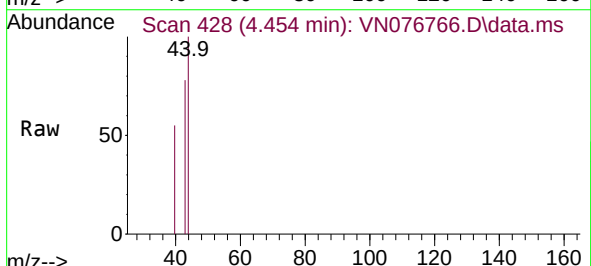
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL02

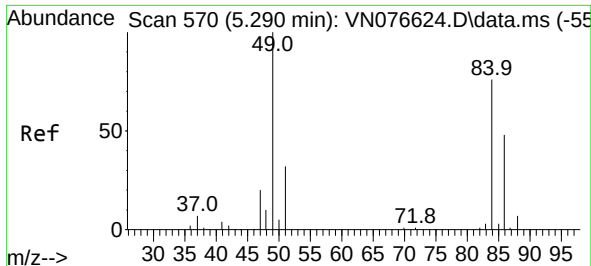
Tgt Ion:168 Resp: 298152
Ion Ratio Lower Upper
168 100
99 60.5 44.8 67.2



#16
Acetone
Concen: 0.237 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

Tgt Ion: 43 Resp: 435
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#

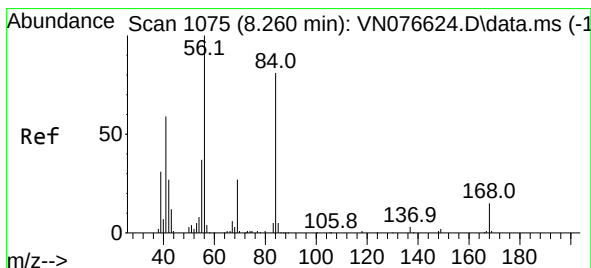
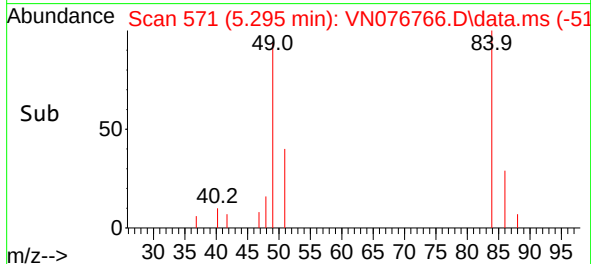
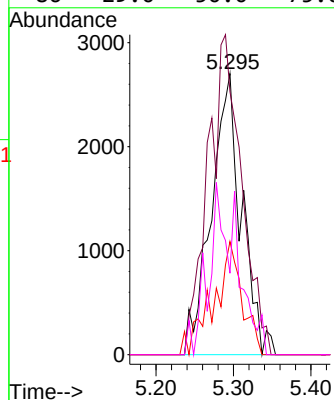
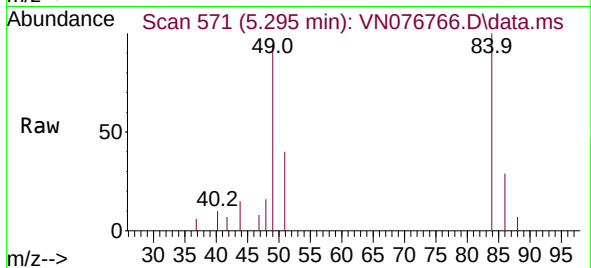




#20
Methylene Chloride
Concen: 1.909 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

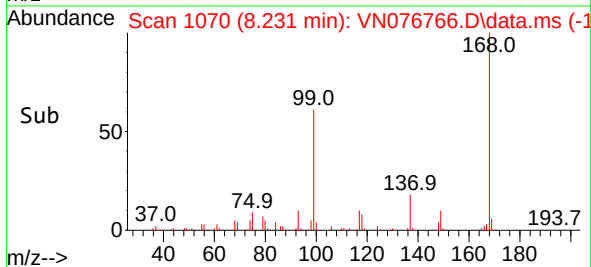
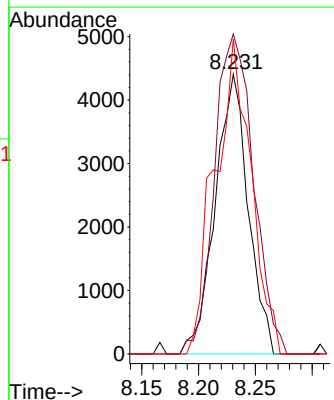
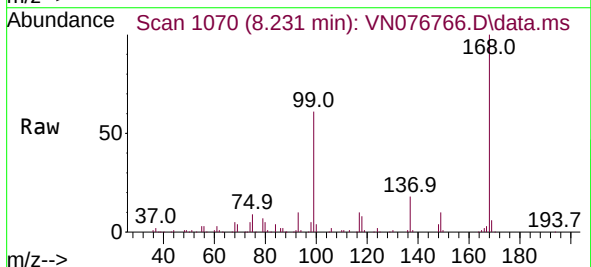
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL02

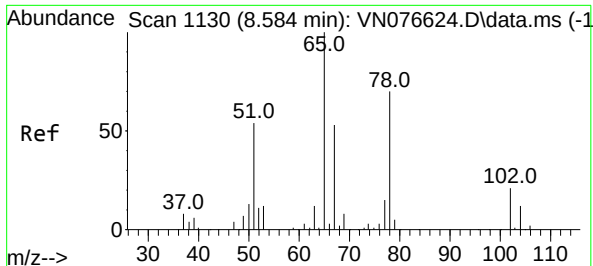
Tgt Ion:	84	Resp:	7358
Ion	Ratio	Lower	Upper
84	100		
49	93.6	104.9	157.3#
51	40.3	33.8	50.8
86	29.0	50.0	75.0#



#31
Cyclohexane
Concen: 1.380 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

Tgt Ion:	56	Resp:	8913
Ion	Ratio	Lower	Upper
56	100		
69	114.4	21.6	32.4#
84	112.6	65.1	97.7#





#33

1,2-Dichloroethane-d4

Concen: 53.733 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076766.D

Acq: 22 Feb 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

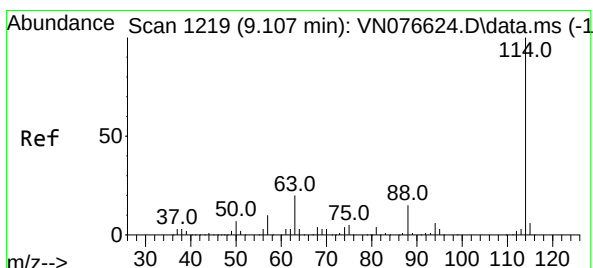
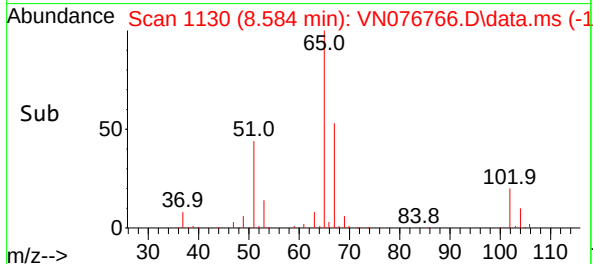
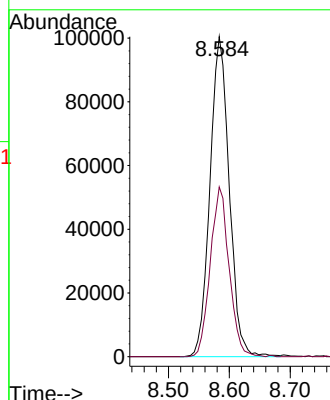
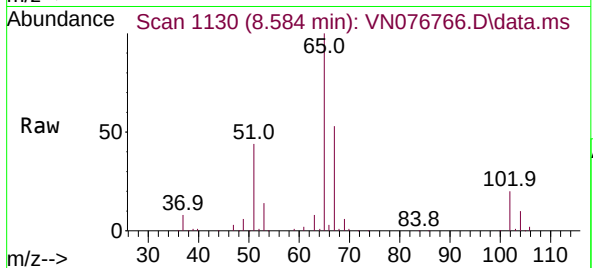
VN0222WBL02

Tgt Ion: 65 Resp: 221219

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076766.D

Acq: 22 Feb 2023 12:57

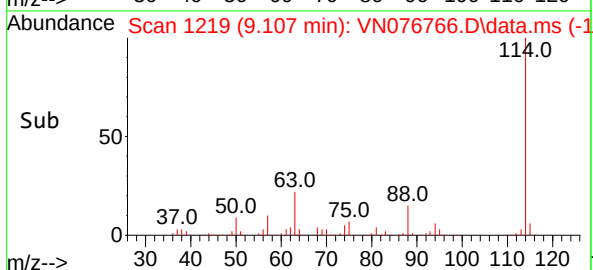
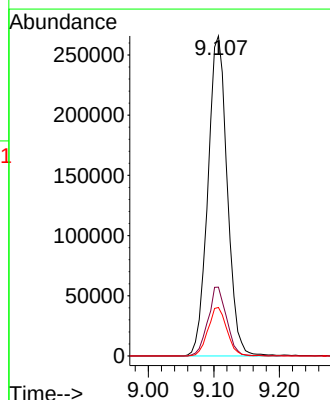
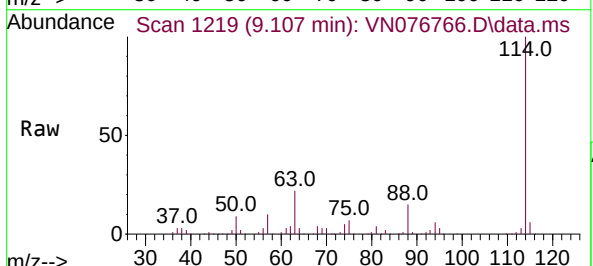
Tgt Ion: 114 Resp: 545329

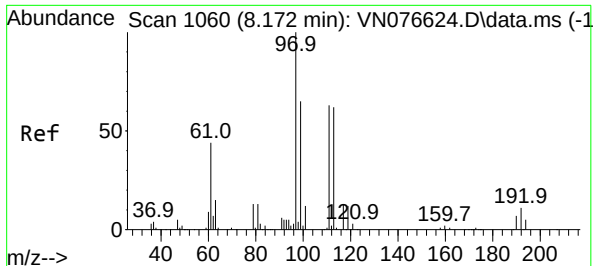
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 15.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.392 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076766.D

Acq: 22 Feb 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBL02

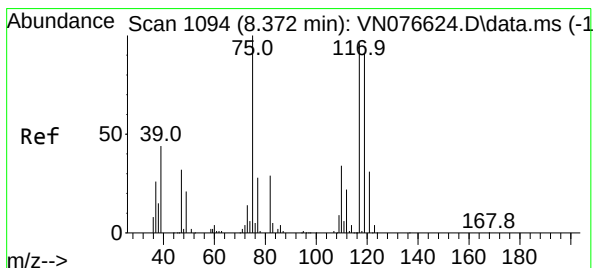
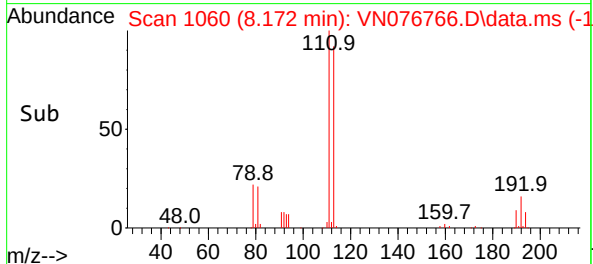
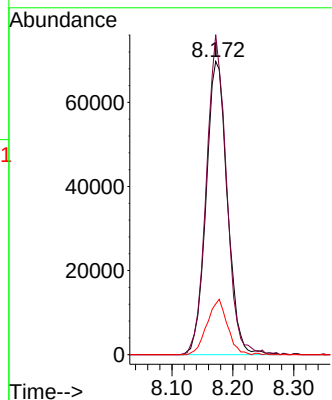
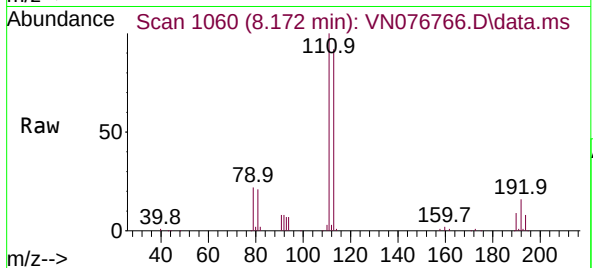
Tgt Ion:113 Resp: 169248

Ion Ratio Lower Upper

113 100

111 103.8 83.1 124.7

192 18.0 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.503 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.141 min

Lab File: VN076766.D

Acq: 22 Feb 2023 12:57

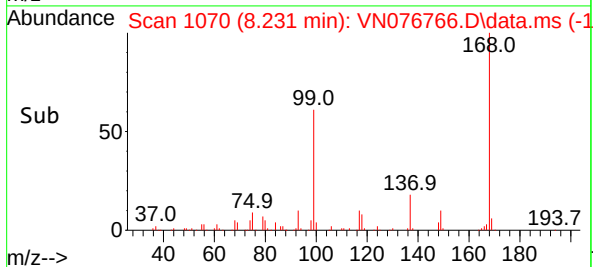
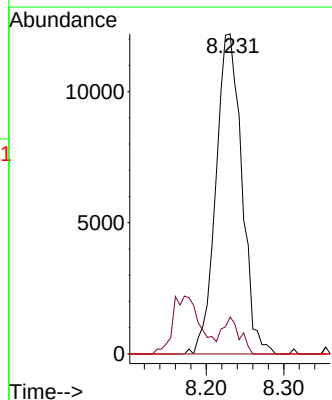
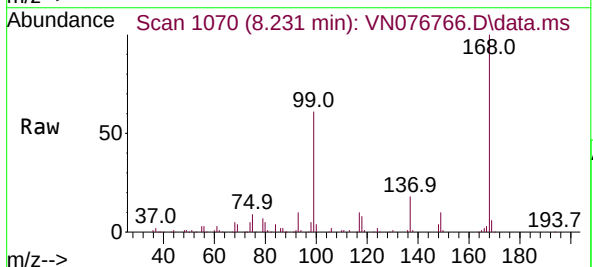
Tgt Ion: 75 Resp: 28396

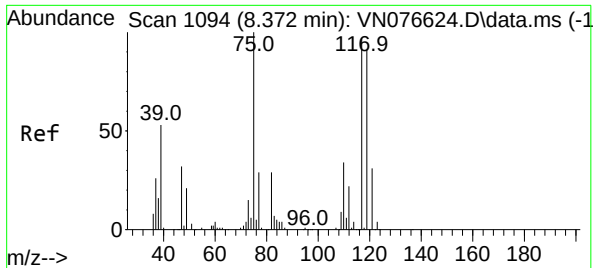
Ion Ratio Lower Upper

75 100

110 7.7 17.5 52.5#

77 0.0 24.5 36.7#

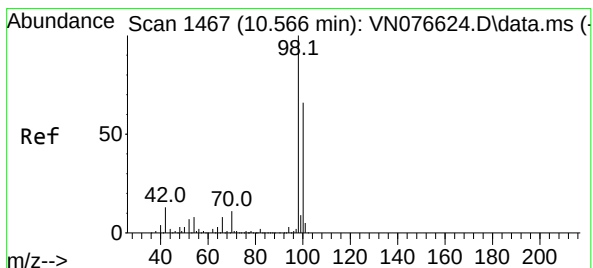
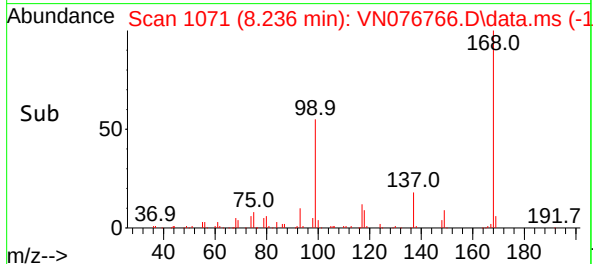
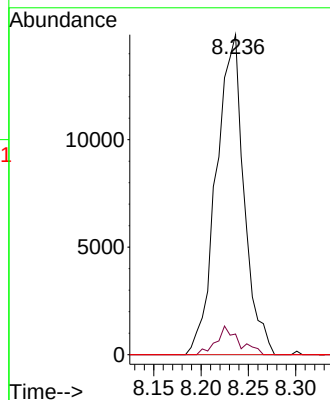
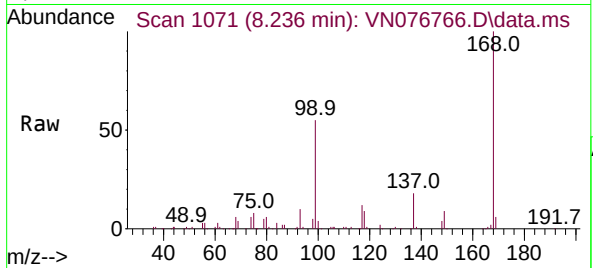




#38
Carbon Tetrachloride
Concen: 5.829 ug/l
RT: 8.236 min Scan# 1094
Delta R.T. -0.136 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

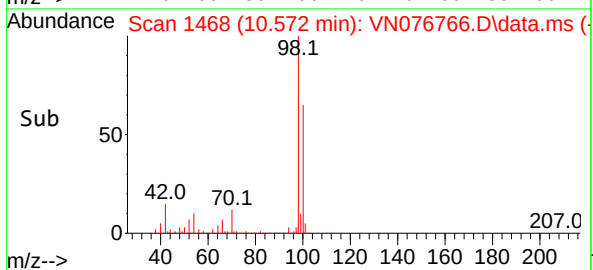
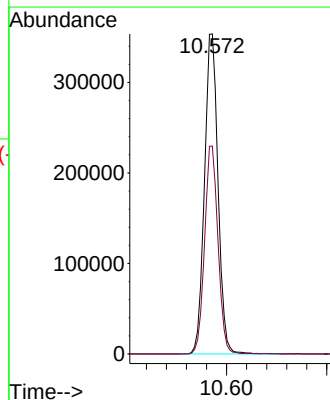
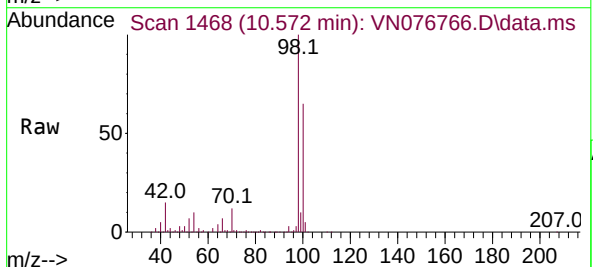
Instrument :
MSVOA_N
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VN0222WBL02

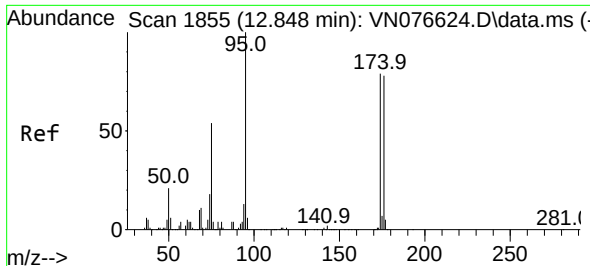
Tgt Ion:117 Resp: 30339
Ion Ratio Lower Upper
117 100
119 6.5 75.4 113.0#
121 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 49.741 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

Tgt Ion: 98 Resp: 663396
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3

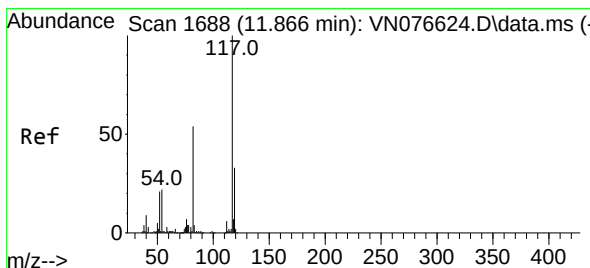
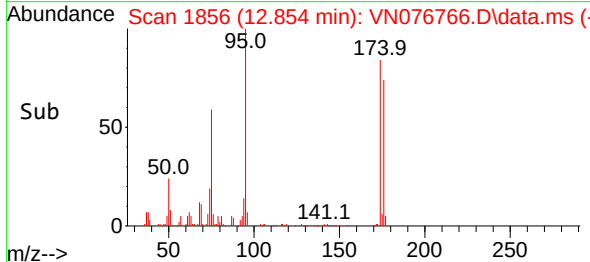
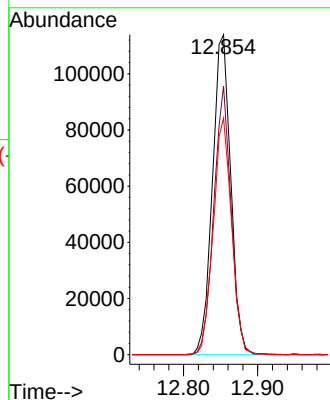
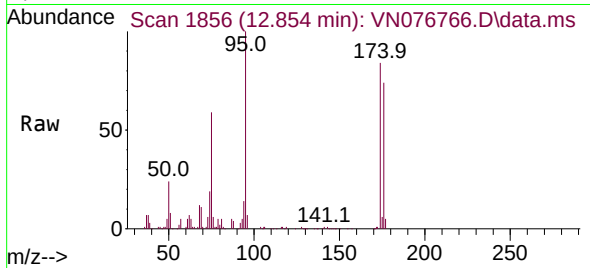




#62
4-Bromofluorobenzene
Concen: 44.051 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

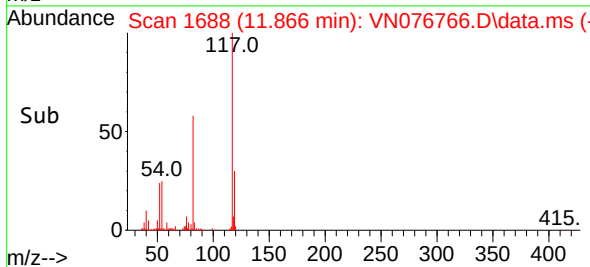
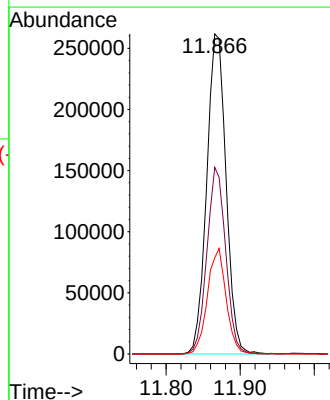
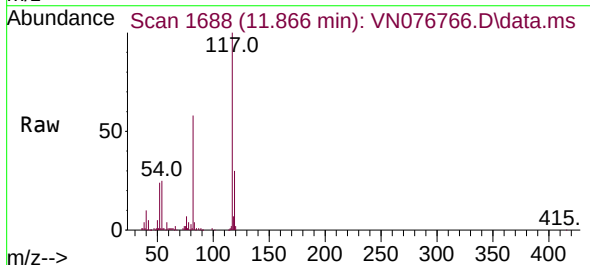
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL02

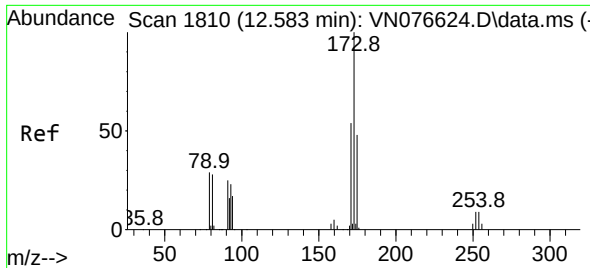
Tgt Ion: 95 Resp: 194587
Ion Ratio Lower Upper
95 100
174 80.0 0.0 169.2
176 74.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

Tgt Ion: 117 Resp: 473761
Ion Ratio Lower Upper
117 100
82 58.3 43.4 65.2
119 30.1 26.1 39.1

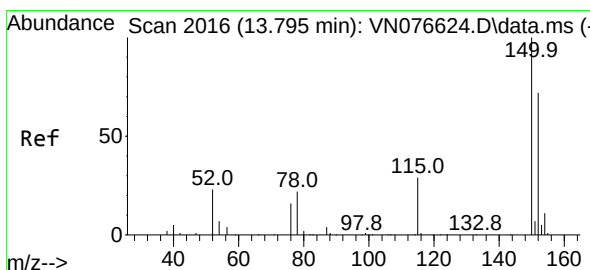
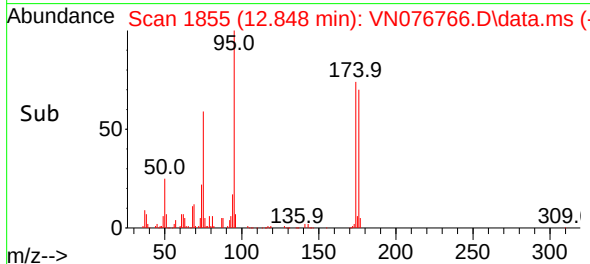
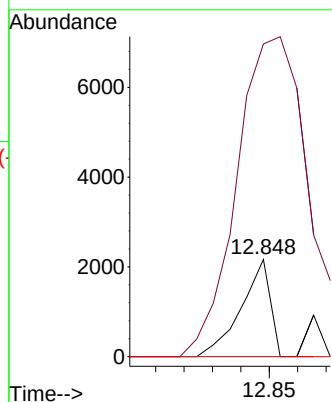
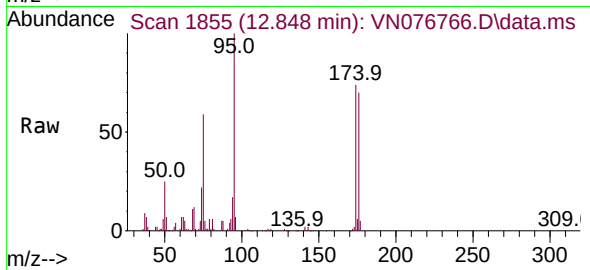




#71
Bromoform
Concen: 0.576 ug/l
RT: 12.848 min Scan# 1810
Delta R.T. 0.265 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

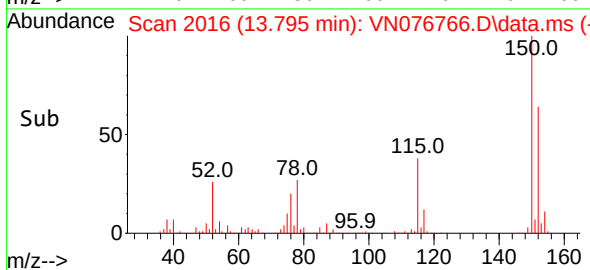
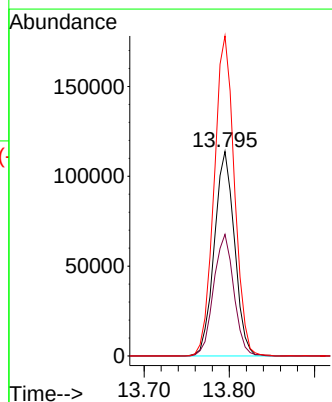
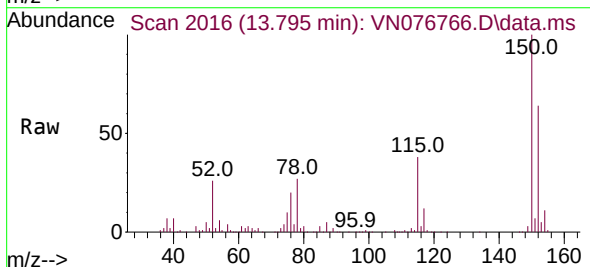
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL02

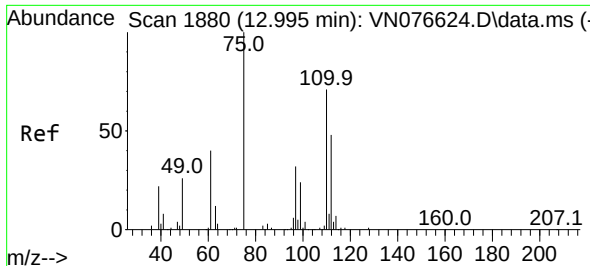
Tgt Ion:173 Resp: 1542
Ion Ratio Lower Upper
173 100
175 691.3 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

Tgt Ion:152 Resp: 187348
Ion Ratio Lower Upper
152 100
115 59.4 29.3 87.9
150 157.2 0.0 349.8

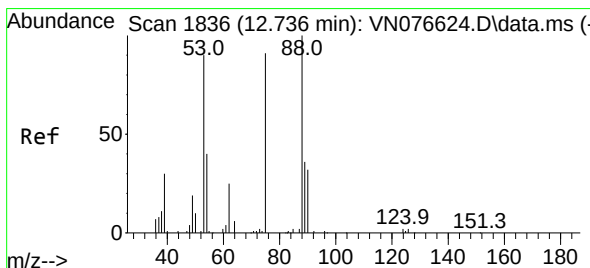
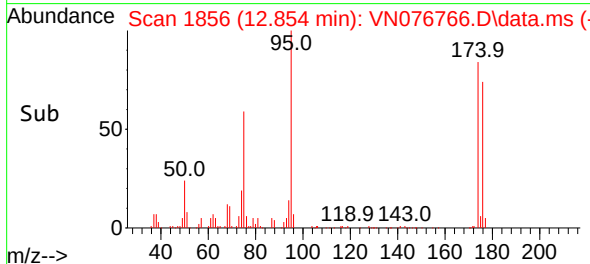
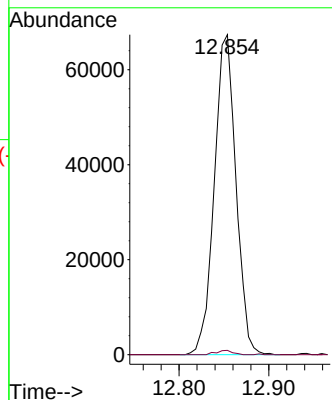
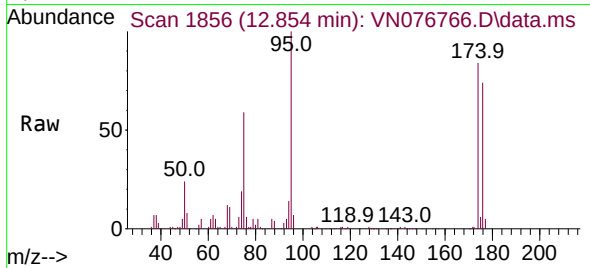




#76
1,2,3-Trichloropropane
Concen: 29.827 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL02

Tgt Ion: 75 Resp: 112974
Ion Ratio Lower Upper
75 100
77 1.0 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.873 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

Tgt Ion: 75 Resp: 112974
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.0 37.5 56.3#

