

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080788.D
 Acq On : 29 Jan 2024 13:48
 Operator : JC\MD
 Sample : VN0129MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129MBL01

Quant Time: Jan 29 15:36:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	99435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	231767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89970	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	74967	43.580	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.160%
35) Dibromofluoromethane	8.165	113	61624	43.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.680%
50) Toluene-d8	10.565	98	251448	45.181	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.360%
62) 4-Bromofluorobenzene	12.853	95	96969	50.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%

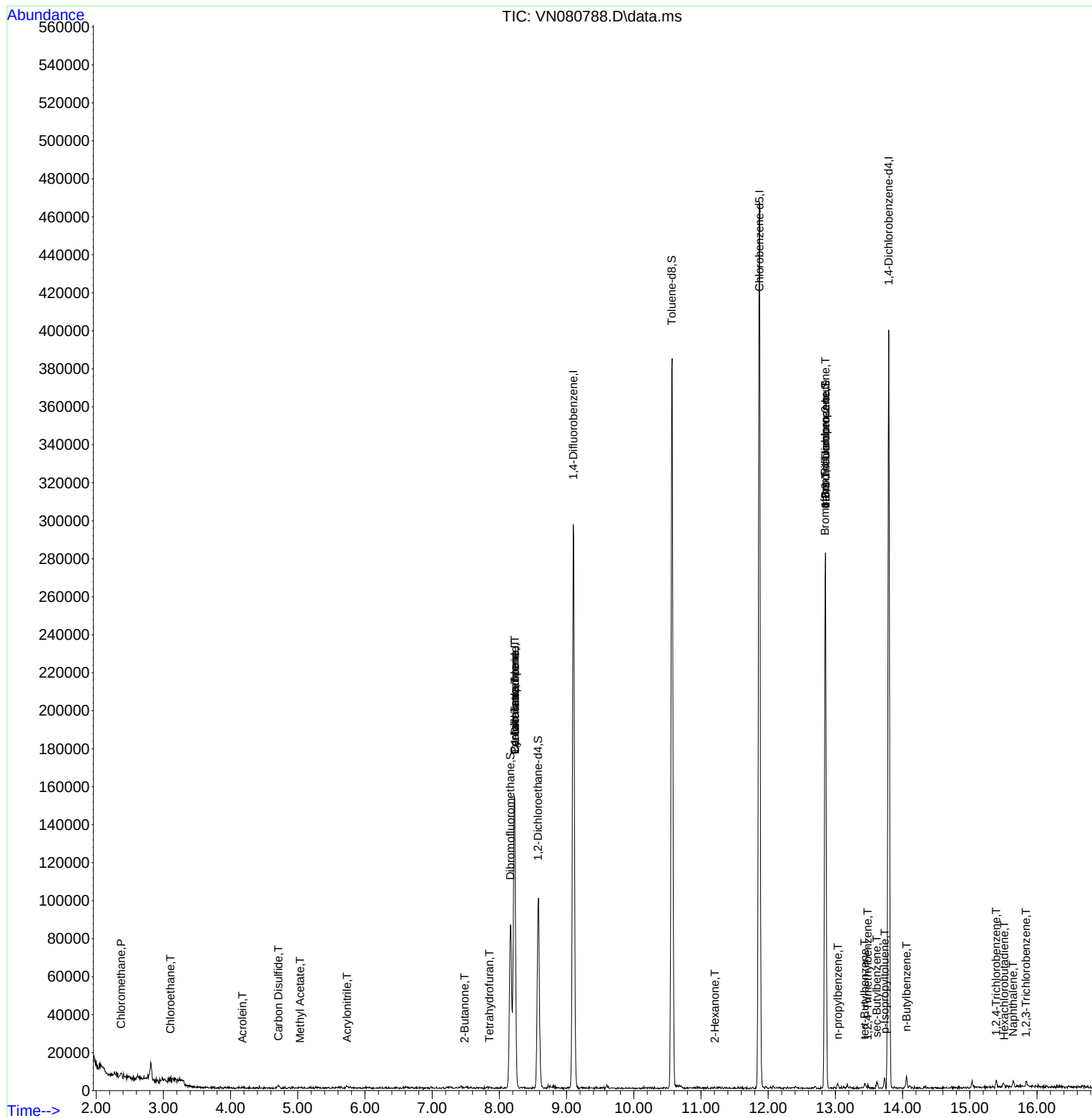
Target Compounds				Qvalue		
3) Chloromethane	2.371	50	1955	0.881	ug/l #	68
6) Chloroethane	3.106	64	306	0.340	ug/l #	42
13) Acrolein	4.177	56	355	1.004	ug/l #	37
15) Acrylonitrile	5.735	53	614	0.728	ug/l #	87
17) Carbon Disulfide	4.712	76	2732	0.629	ug/l #	78
18) Methyl Acetate	5.036	43	771	0.355	ug/l #	54
25) 2-Butanone	7.482	43	293	0.247	ug/l #	51
29) Tetrahydrofuran	7.853	42	271	0.338	ug/l #	38
31) Cyclohexane	8.229	56	3861	1.309	ug/l #	16
36) 1,1-Dichloropropene	8.229	75	11459	4.336	ug/l #	45
38) Carbon Tetrachloride	8.229	117	11961	5.617	ug/l #	14
59) 2-Hexanone	11.206	43	776	0.361	ug/l #	36
71) Bromoform	12.847	173	343	0.308	ug/l #	30
76) 1,2,3-Trichloropropane	12.853	75	53403	19.680	ug/l #	1
78) n-propylbenzene	13.035	91	2012	0.204	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	53403	50.700	ug/l #	14
83) tert-Butylbenzene	13.435	119	1429	0.273	ug/l	84
84) 1,2,4-Trimethylbenzene	13.482	105	1346	0.202	ug/l	89
85) sec-Butylbenzene	13.617	105	2739	0.355	ug/l #	74
86) p-Isopropyltoluene	13.735	119	2262	0.377	ug/l #	76
89) n-Butylbenzene	14.058	91	3927	0.668	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	1146	0.772	ug/l #	91
94) Hexachlorobutadiene	15.511	225	711	1.097	ug/l #	69
95) Naphthalene	15.647	128	3005	0.529	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.835	180	1083	0.742	ug/l #	77

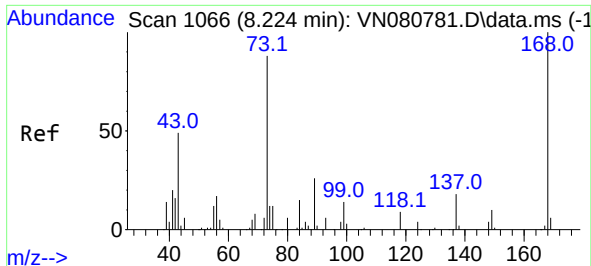
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0129MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Time: Jan 29 15:36:03 2024
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Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

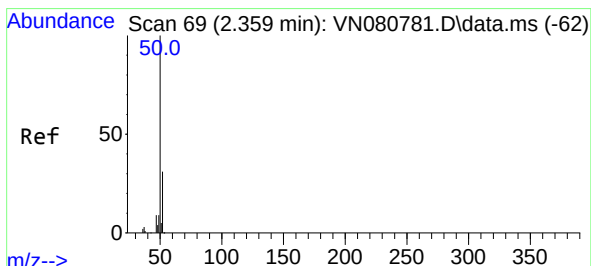
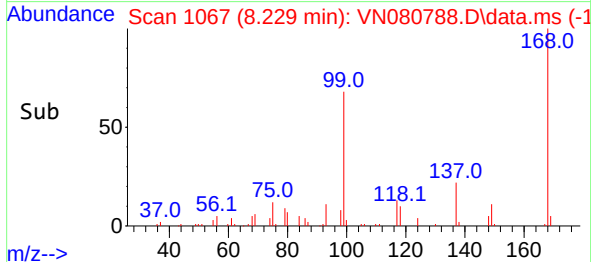
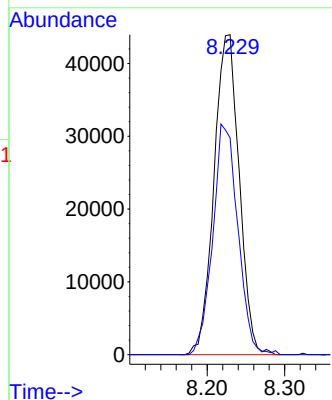
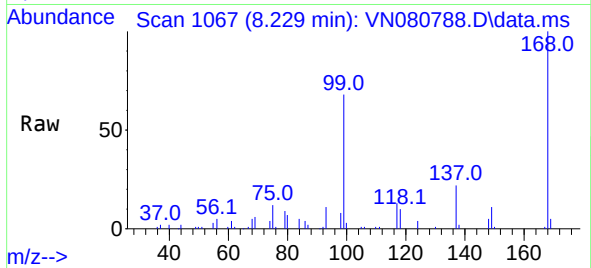




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

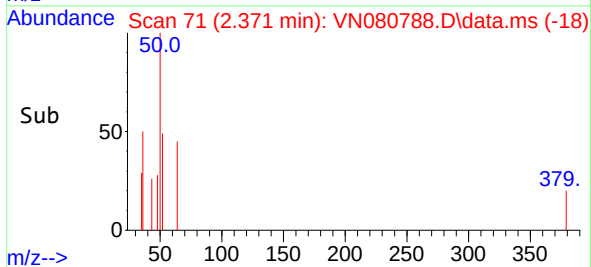
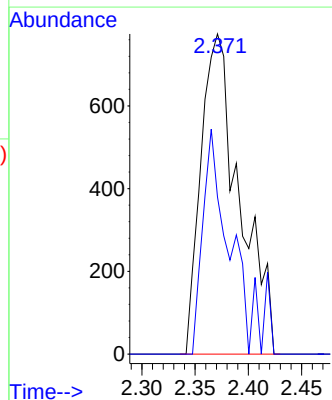
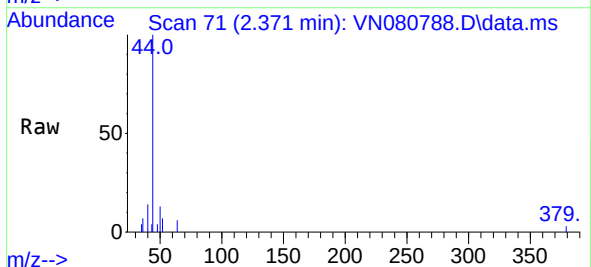
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

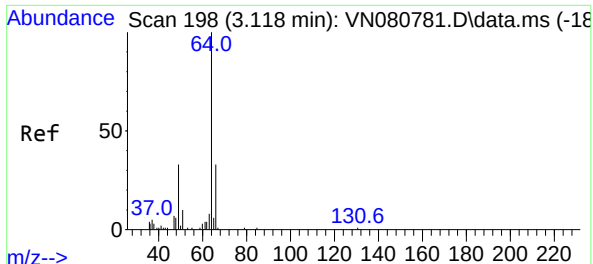
Tgt Ion:168 Resp: 99435
Ion Ratio Lower Upper
168 100
99 67.7 59.9 89.9



#3
Chloromethane
Concen: 0.881 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion: 50 Resp: 1955
Ion Ratio Lower Upper
50 100
52 49.1 25.0 37.4#

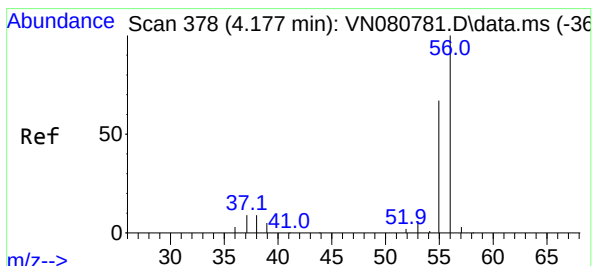
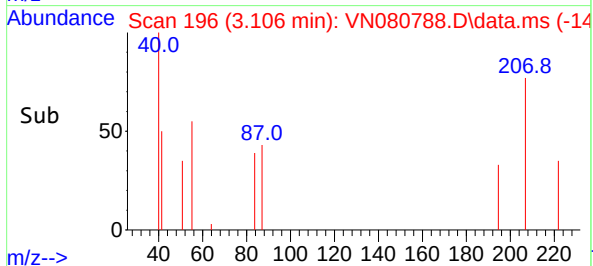
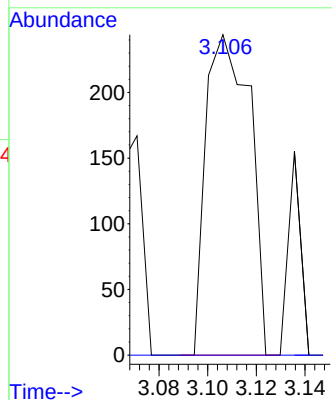
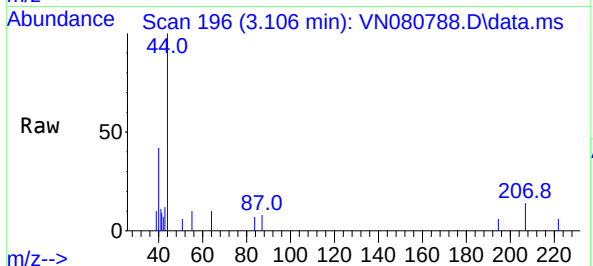




#6
Chloroethane
Concen: 0.340 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

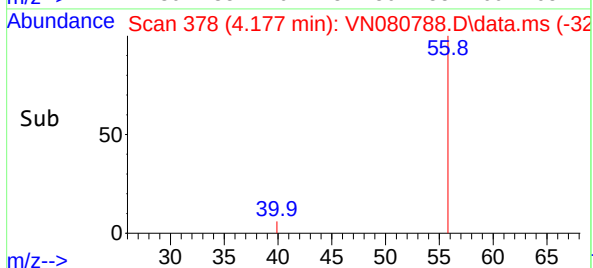
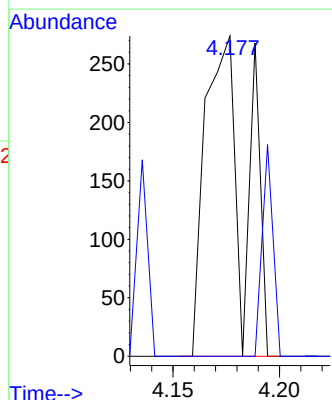
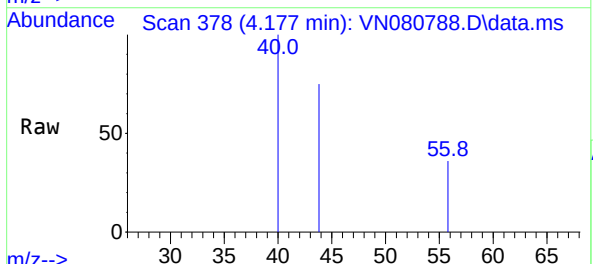
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

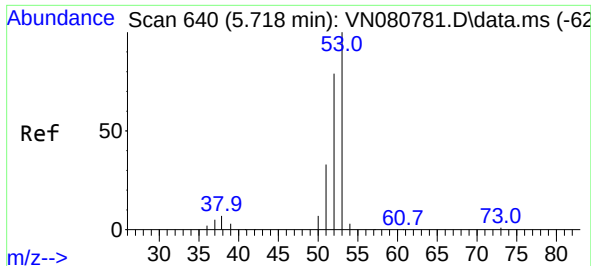
Tgt Ion: 64 Resp: 306
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 1.004 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

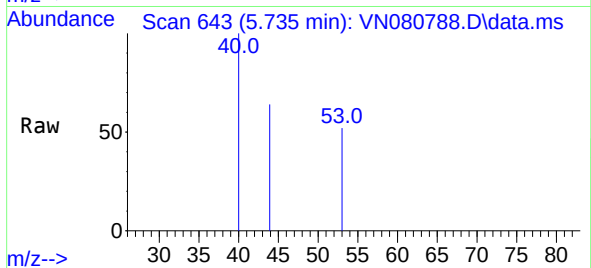
Tgt Ion: 56 Resp: 355
Ion Ratio Lower Upper
56 100
55 18.0 55.3 82.9#



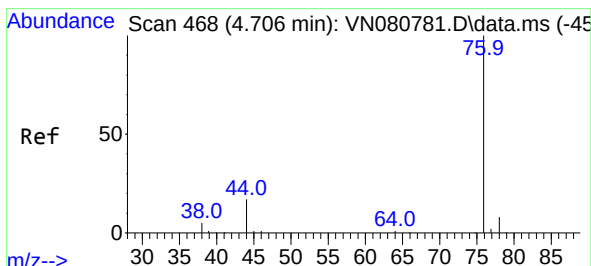
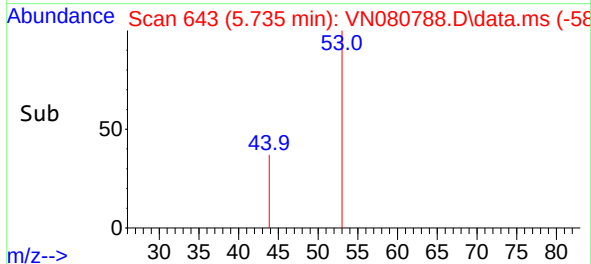
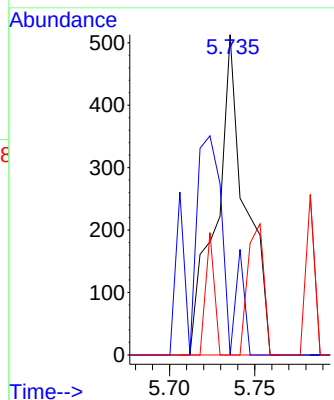


#15
Acrylonitrile
Concen: 0.728 ug/l
RT: 5.735 min Scan# 64
Delta R.T. 0.018 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

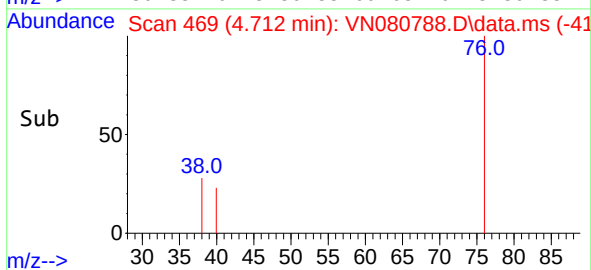
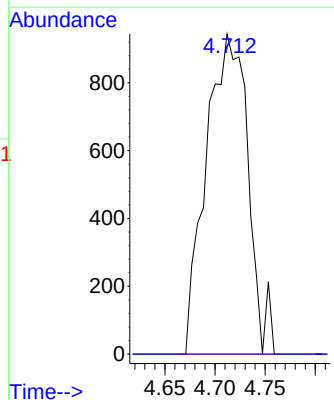
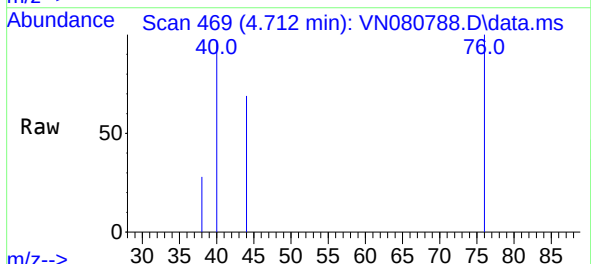


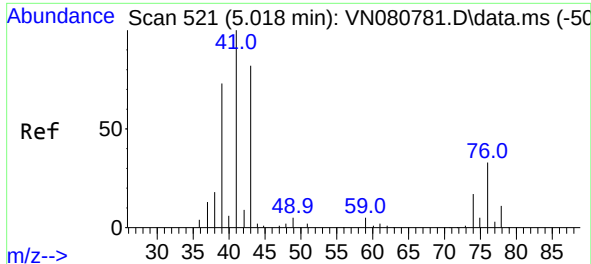
Tgt Ion:	53	Resp:	614
Ion	Ratio	Lower	Upper
53	100		
52	79.6	64.8	97.2
51	11.2	26.9	40.3#



#17
Carbon Disulfide
Concen: 0.629 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion:	76	Resp:	2732
Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.3	9.5#





#18

Methyl Acetate

Concen: 0.355 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN080788.D

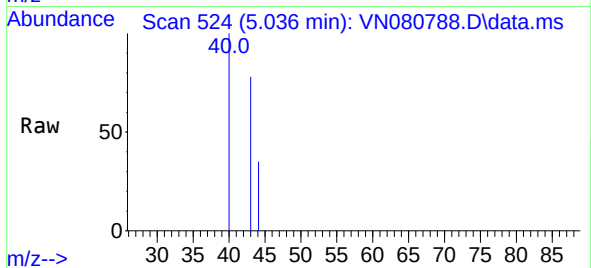
Acq: 29 Jan 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0129MBL01

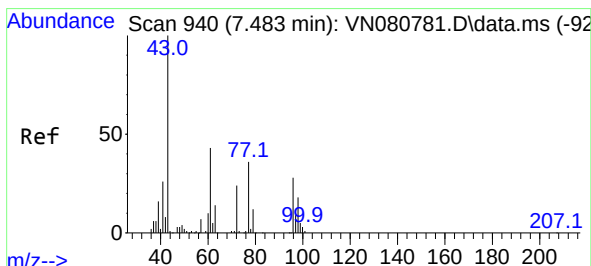
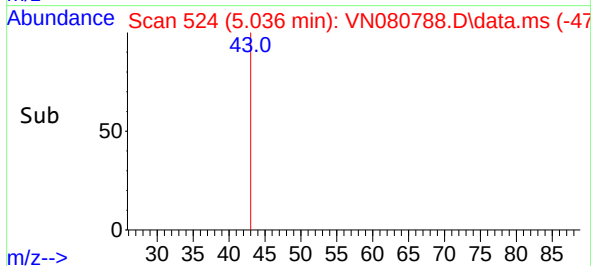
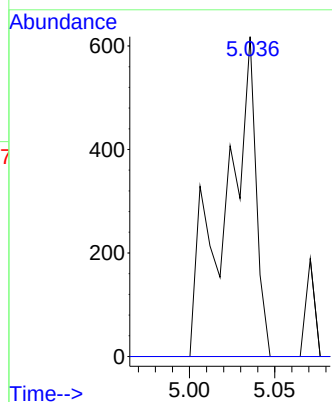


Tgt Ion: 43 Resp: 771

Ion Ratio Lower Upper

43 100

74 0.0 17.3 25.9#



#25

2-Butanone

Concen: 0.247 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN080788.D

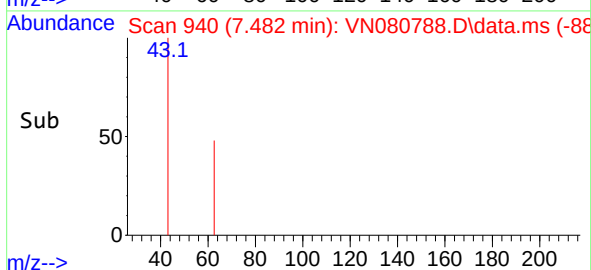
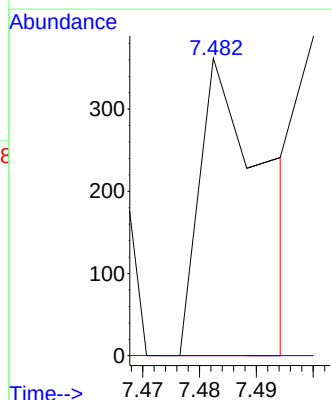
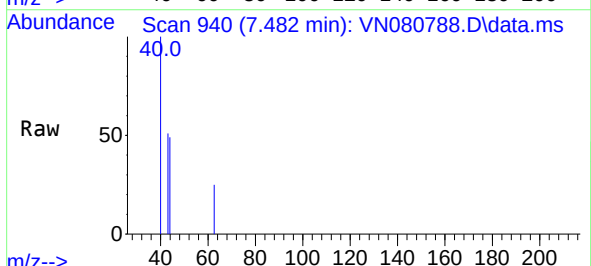
Acq: 29 Jan 2024 13:48

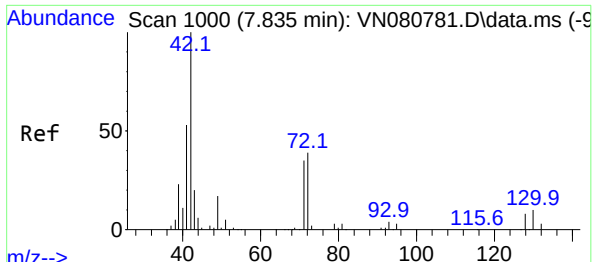
Tgt Ion: 43 Resp: 293

Ion Ratio Lower Upper

43 100

72 0.0 19.5 29.3#



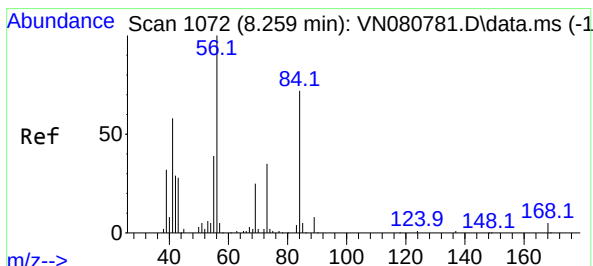
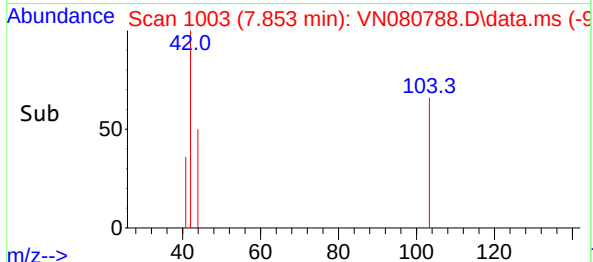
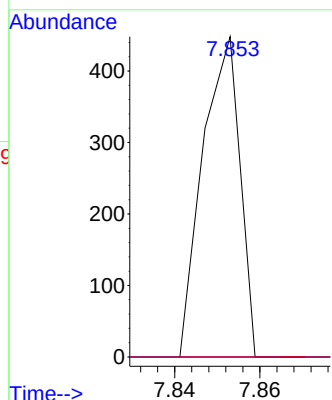
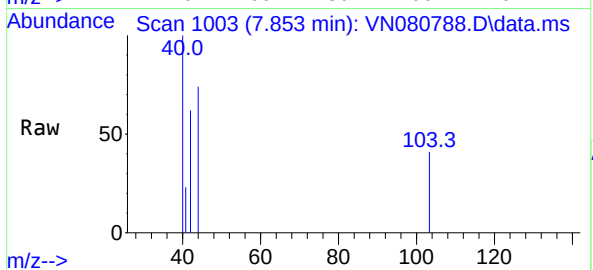


#29
Tetrahydrofuran
Concen: 0.338 ug/l
RT: 7.853 min Scan# 1067
Delta R.T. 0.018 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

Tgt Ion: 42 Resp: 271

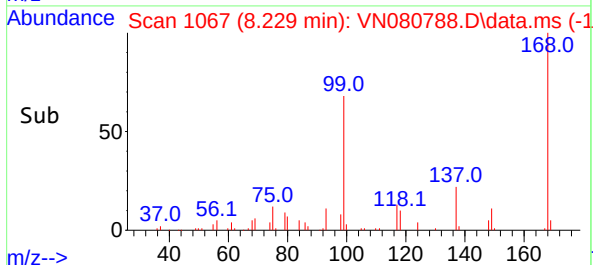
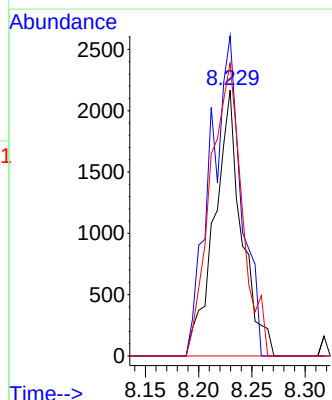
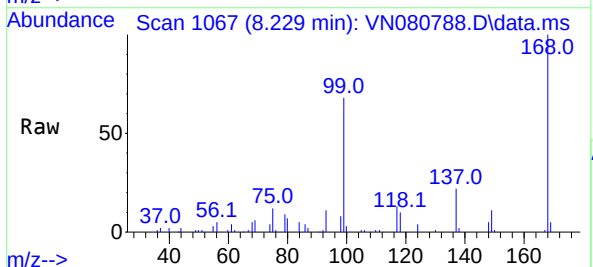
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.1	46.7#
71	0.0	28.3	42.5#

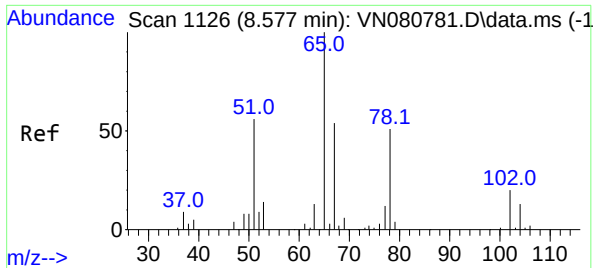


#31
Cyclohexane
Concen: 1.309 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion: 56 Resp: 3861

Ion	Ratio	Lower	Upper
56	100		
69	120.4	20.1	30.1#
84	110.1	56.9	85.3#

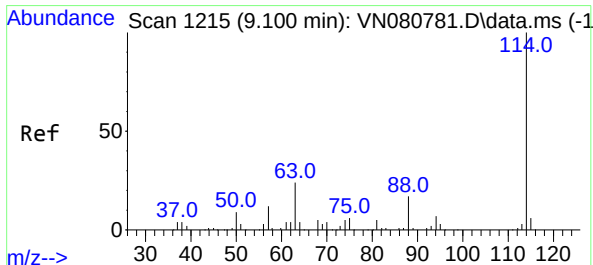
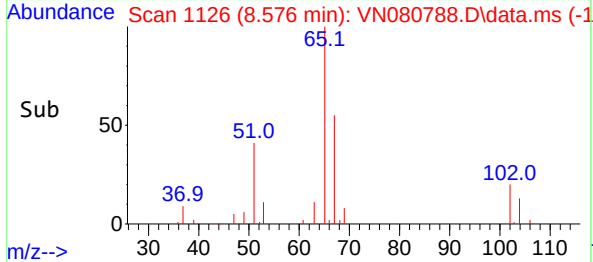
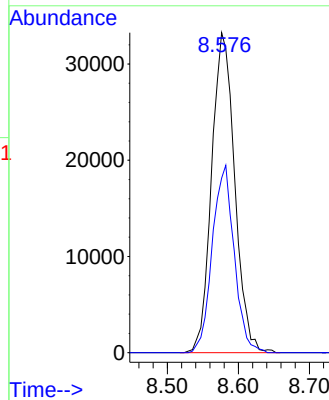
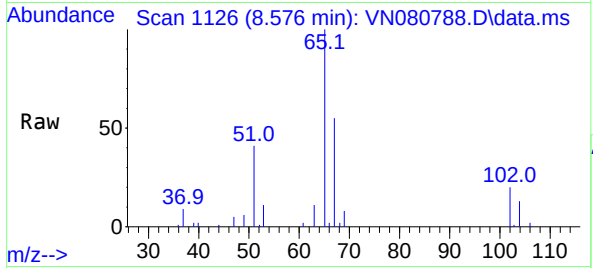




#33
1,2-Dichloroethane-d4
Concen: 43.580 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

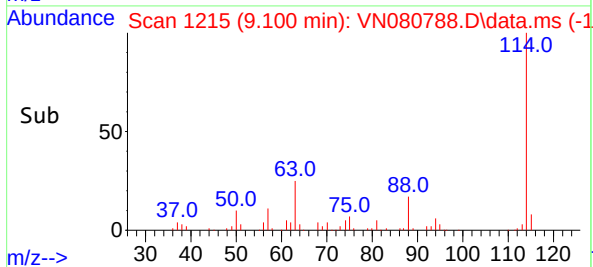
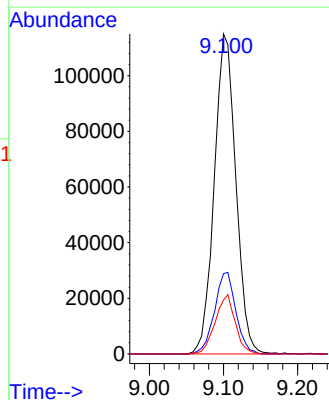
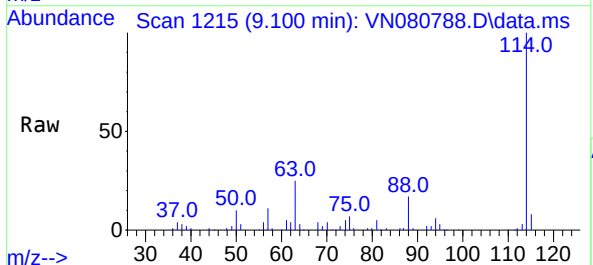
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

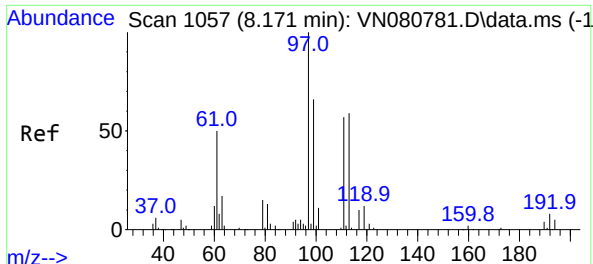
Tgt Ion: 65 Resp: 74967
Ion Ratio Lower Upper
65 100
67 55.6 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion: 114 Resp: 232416
Ion Ratio Lower Upper
114 100
63 25.1 0.0 48.0
88 16.9 0.0 34.8

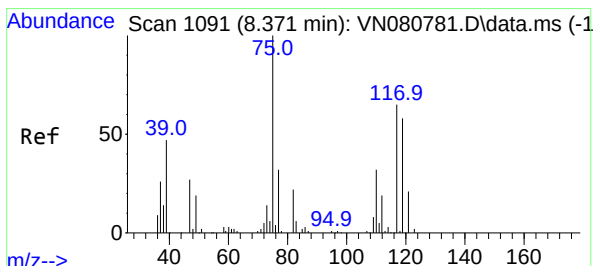
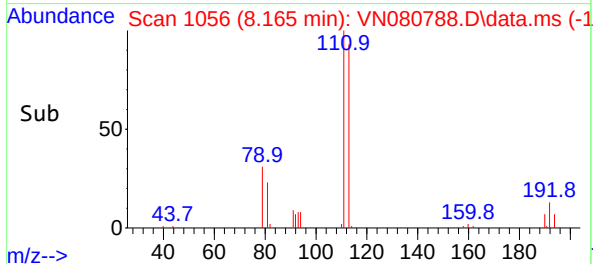
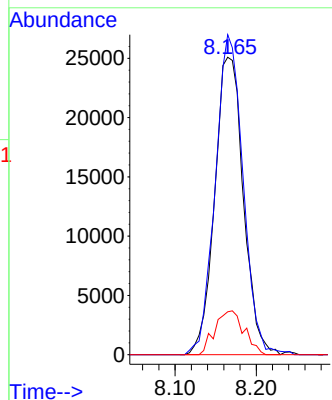
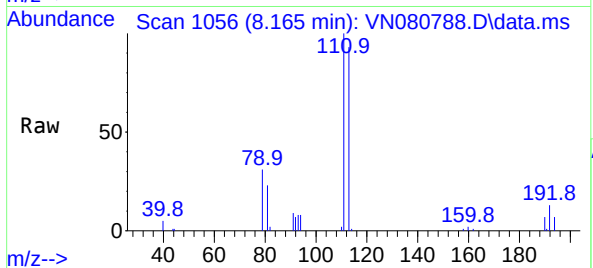




#35
Dibromofluoromethane
Concen: 43.338 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

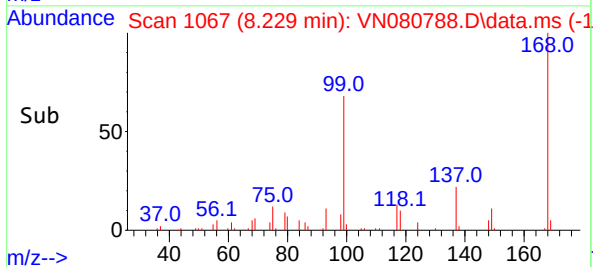
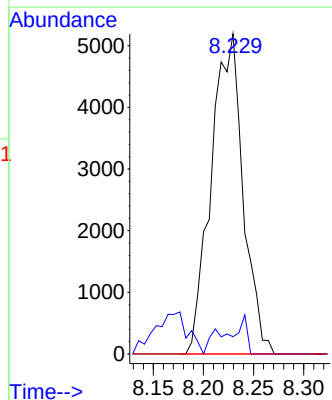
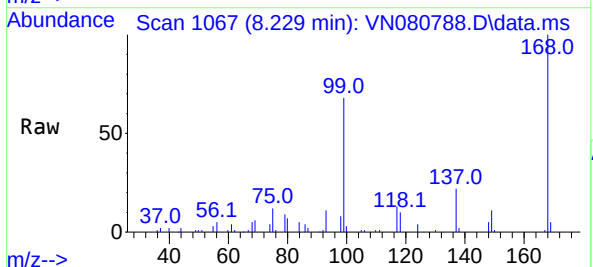
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

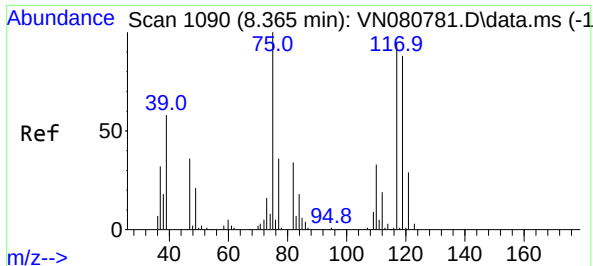
Tgt Ion:113 Resp: 61624
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 15.0 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.336 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion: 75 Resp: 11459
Ion Ratio Lower Upper
75 100
110 3.0 16.0 48.0#
77 0.0 25.8 38.6#

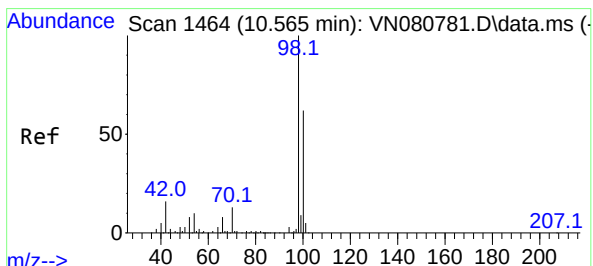
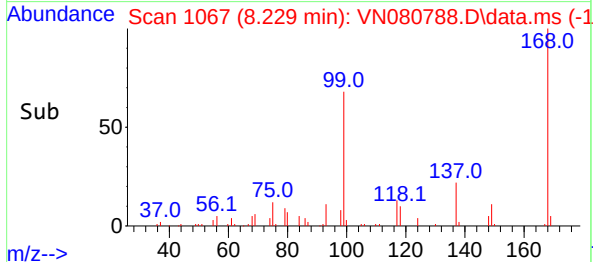
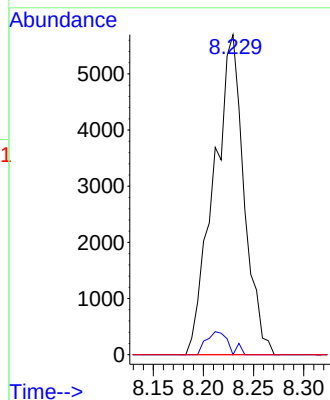
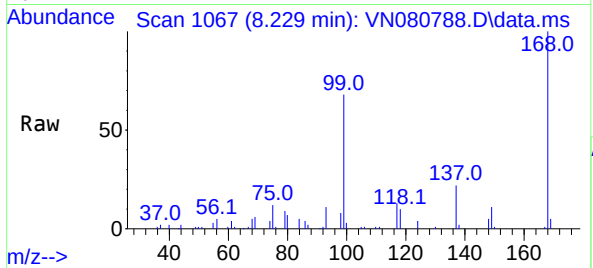




#38
Carbon Tetrachloride
Concen: 5.617 ug/l
RT: 8.229 min Scan# 1090
Delta R.T. -0.135 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

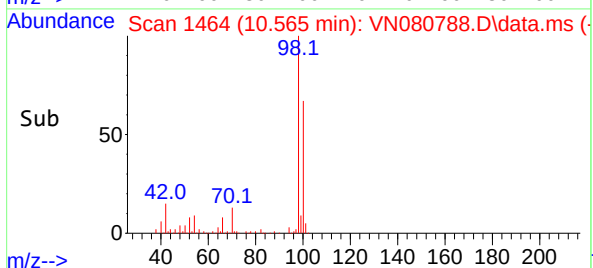
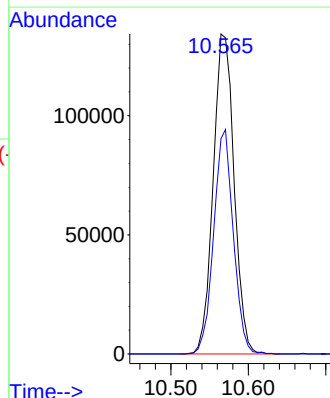
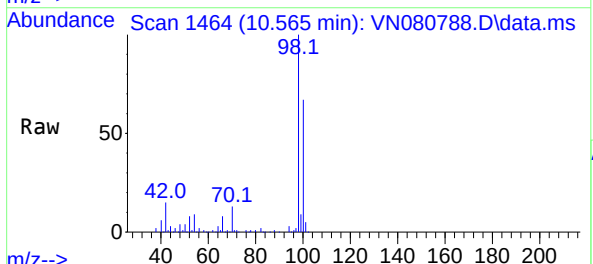
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

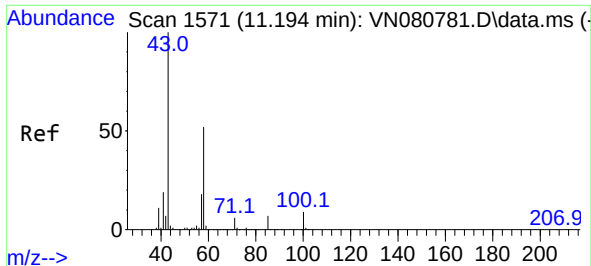
Tgt Ion:117 Resp: 11961
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.181 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion: 98 Resp: 251448
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.0





#59

2-Hexanone

Concen: 0.361 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN080788.D

Acq: 29 Jan 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

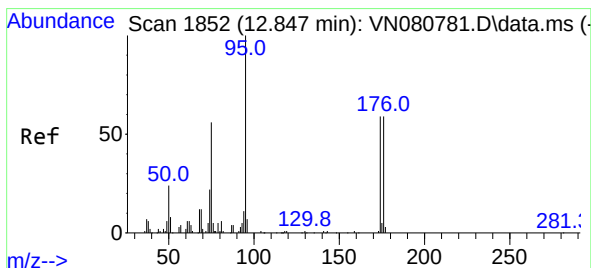
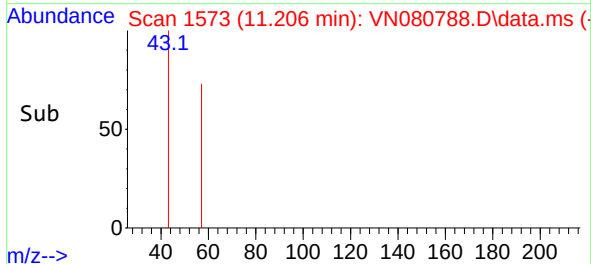
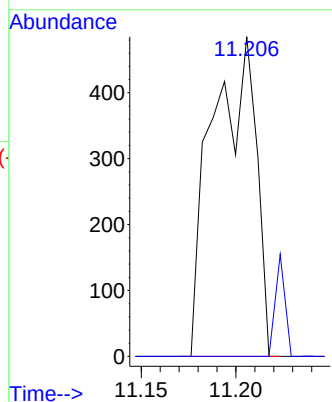
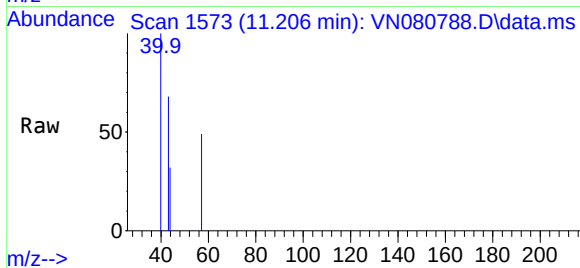
VN0129MBL01

Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

43 100

58 7.1 25.9 77.8#



#62

4-Bromofluorobenzene

Concen: 50.000 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080788.D

Acq: 29 Jan 2024 13:48

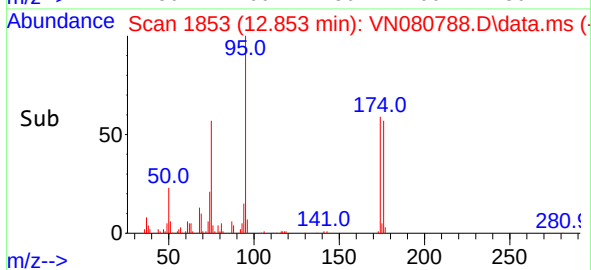
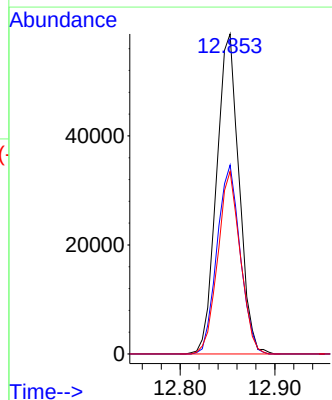
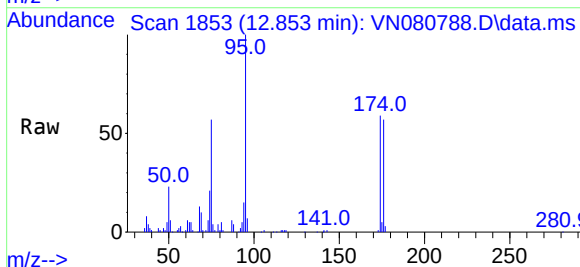
Tgt Ion: 95 Resp: 96969

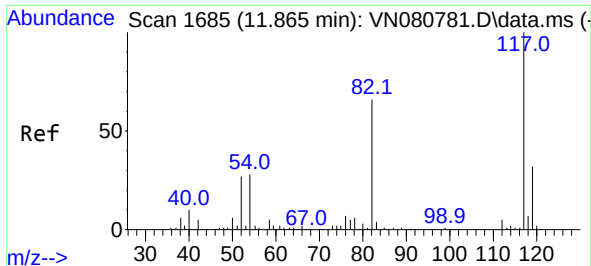
Ion Ratio Lower Upper

95 100

174 60.6 0.0 120.4

176 56.8 0.0 121.0

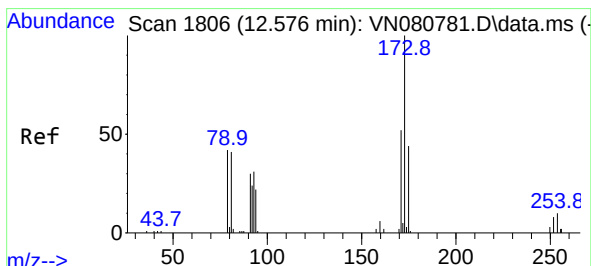
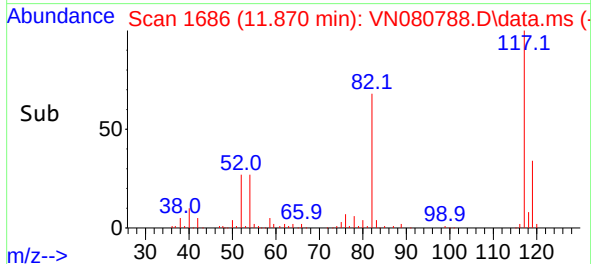
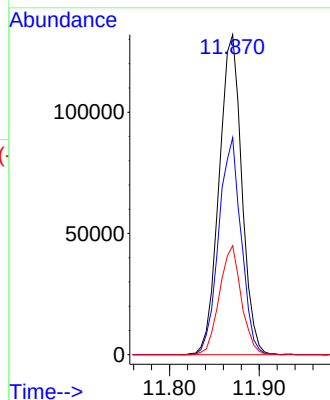
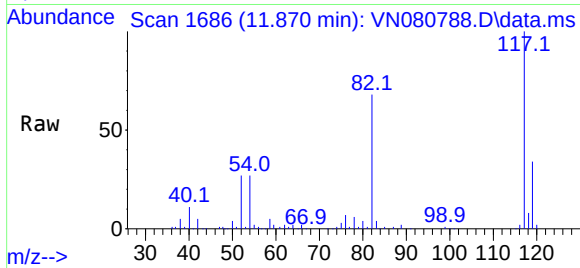




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

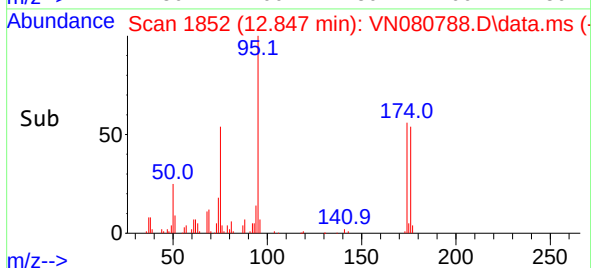
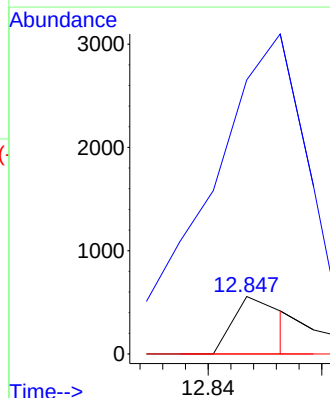
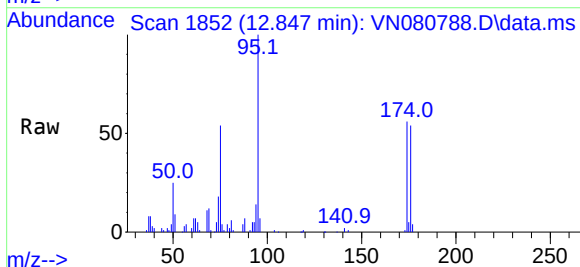
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

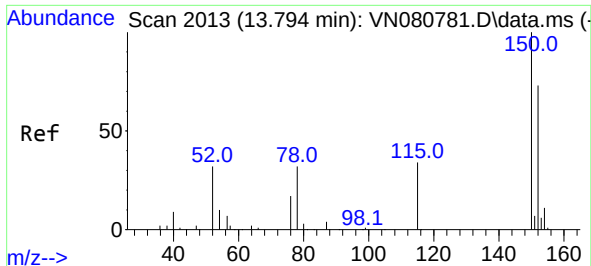
Tgt Ion:117 Resp: 231767
Ion Ratio Lower Upper
117 100
82 67.8 52.7 79.1
119 34.1 25.3 37.9



#71
Bromoform
Concen: 0.308 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion:173 Resp: 343
Ion Ratio Lower Upper
173 100
175 0.0 23.1 69.2#
254 0.0 0.0 0.0

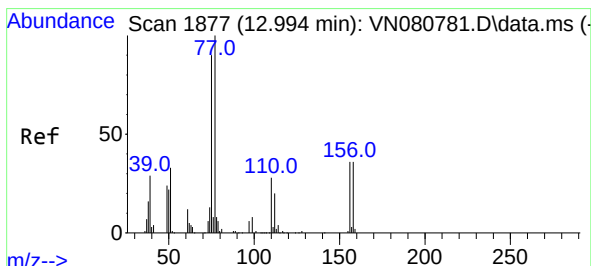
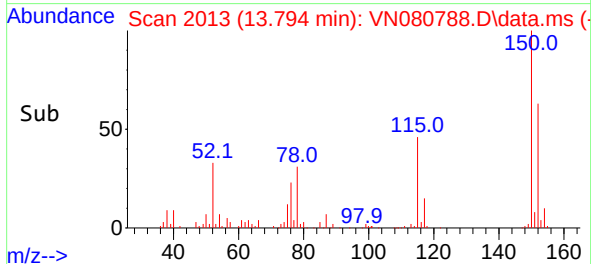
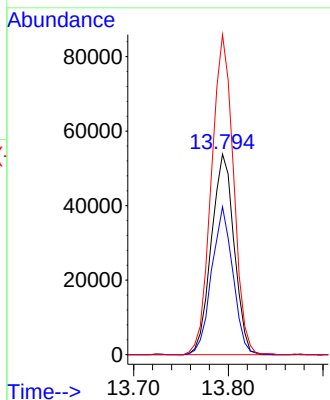
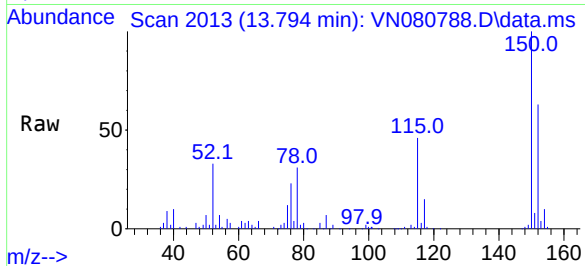




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

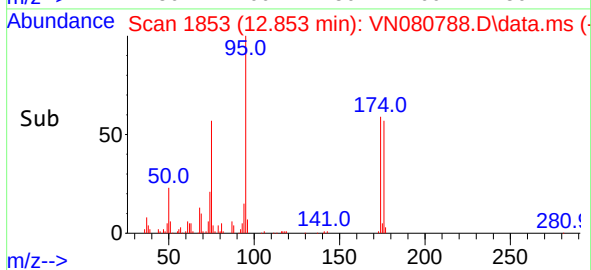
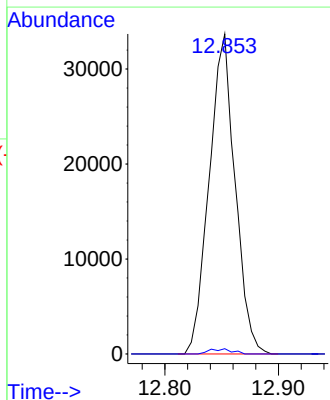
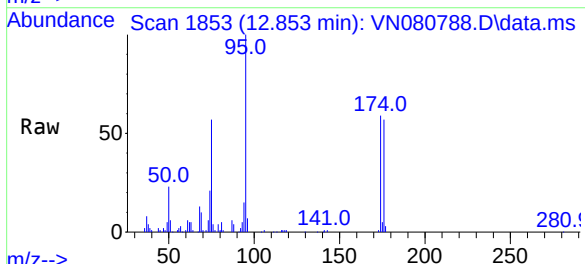
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

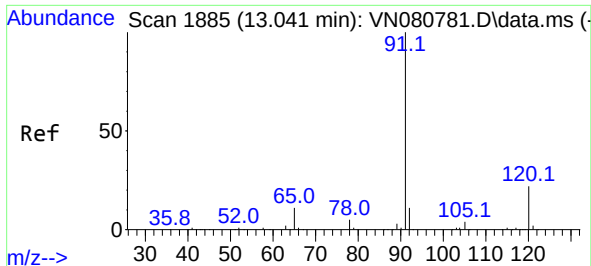
Tgt Ion:152 Resp: 89970
Ion Ratio Lower Upper
152 100
115 68.7 32.3 96.8
150 155.0 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 19.680 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion: 75 Resp: 53403
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#

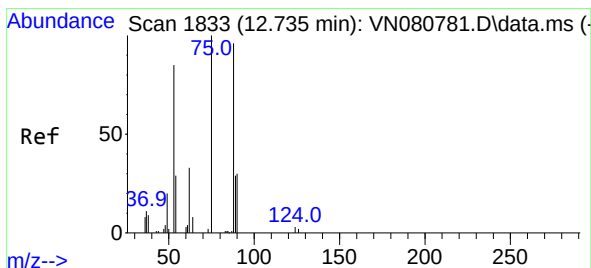
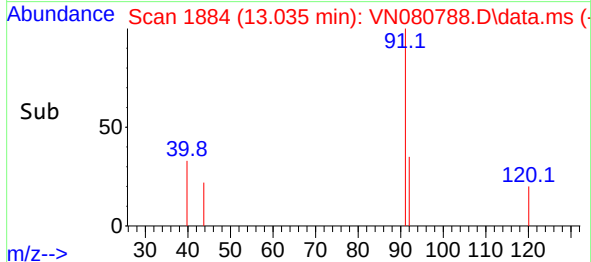
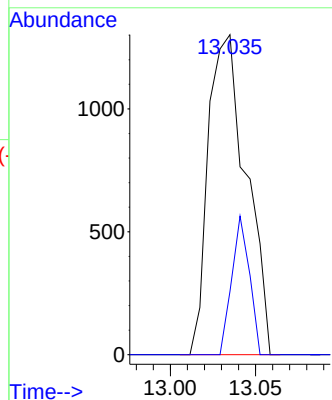
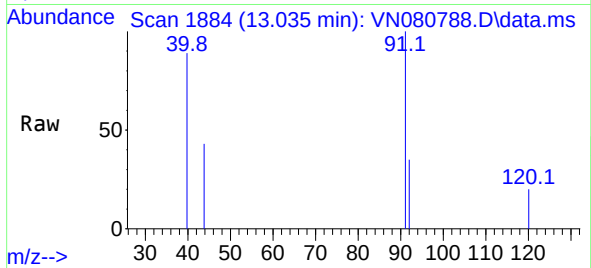




#78
n-propylbenzene
Concen: 0.204 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

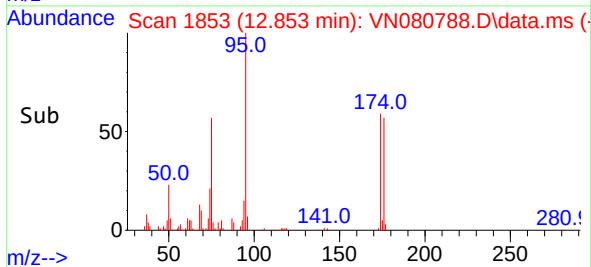
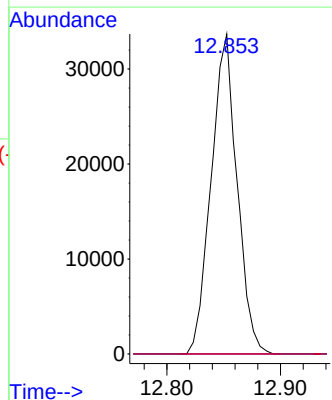
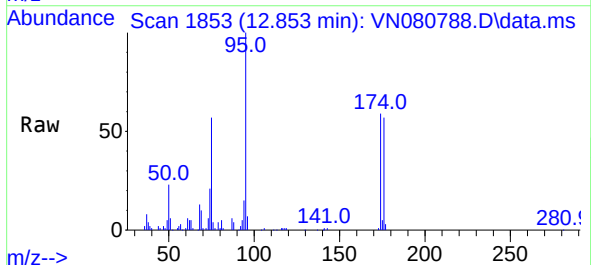
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

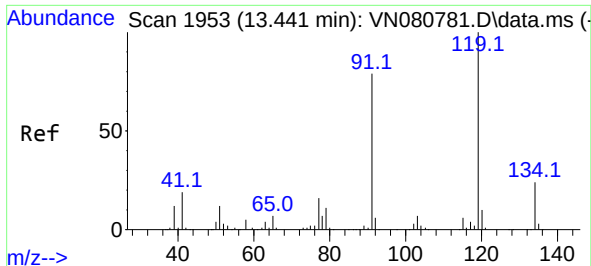
Tgt Ion: 91 Resp: 2012
Ion Ratio Lower Upper
91 100
120 20.0 10.3 30.9



#81
trans-1,4-Dichloro-2-butene
Concen: 50.700 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion: 75 Resp: 53403
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



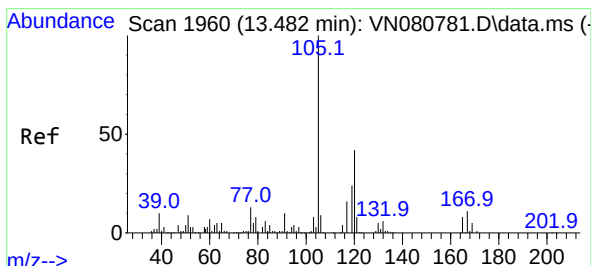
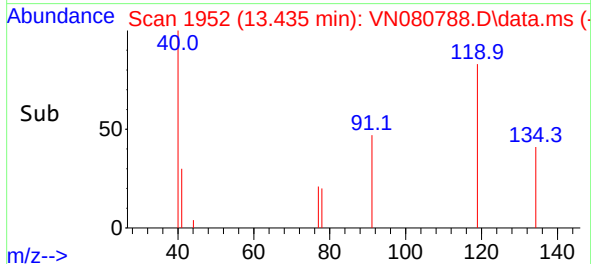
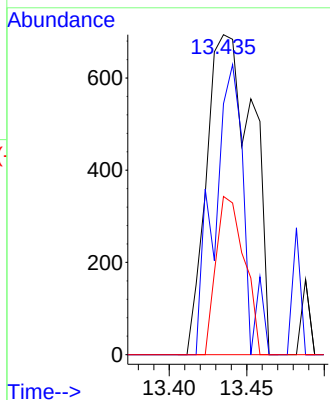
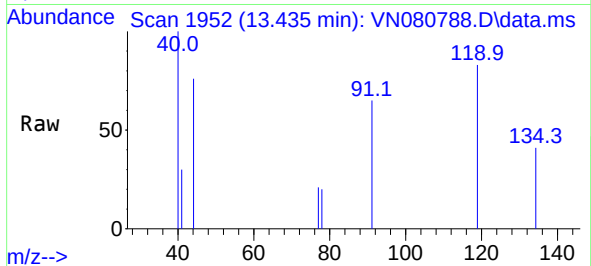


#83
tert-Butylbenzene
Concen: 0.273 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

Tgt Ion:119 Resp: 1429

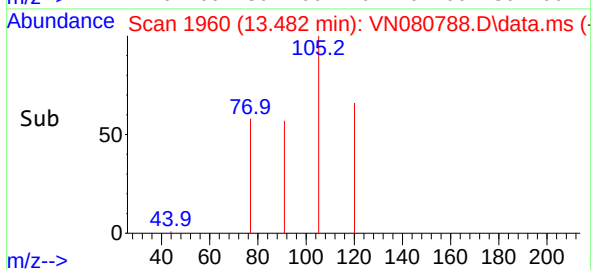
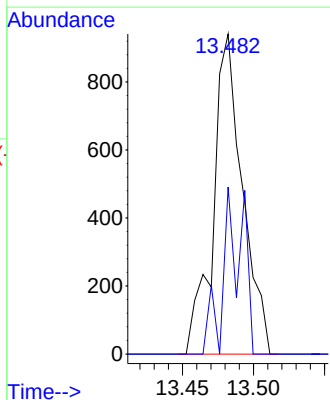
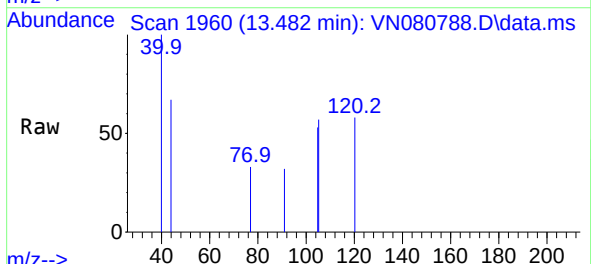
Ion	Ratio	Lower	Upper
119	100		
91	58.6	36.8	110.4
134	30.6	12.4	37.4

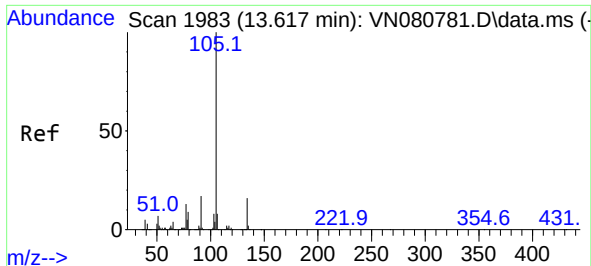


#84
1,2,4-Trimethylbenzene
Concen: 0.202 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion:105 Resp: 1346

Ion	Ratio	Lower	Upper
105	100		
120	35.1	20.9	62.7

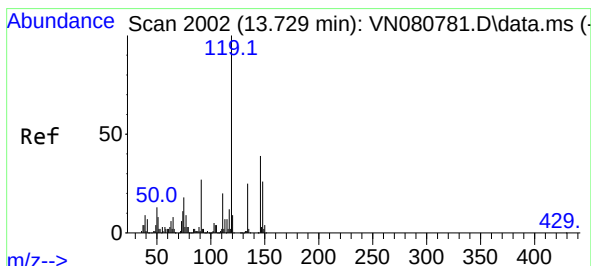
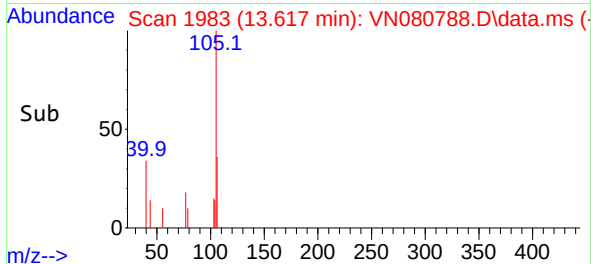
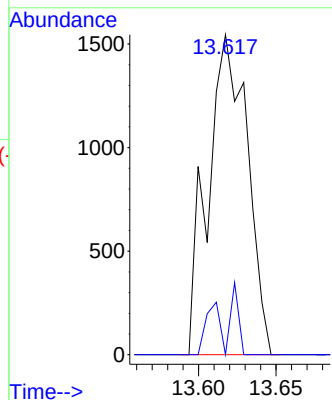
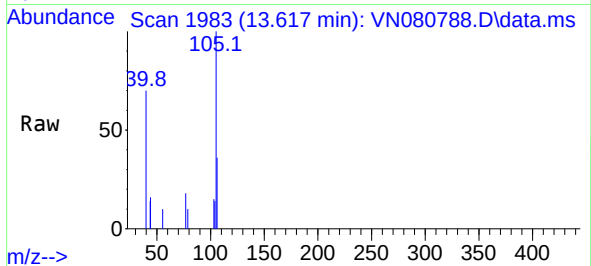




#85
 sec-Butylbenzene
 Concen: 0.355 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080788.D
 Acq: 29 Jan 2024 13:48

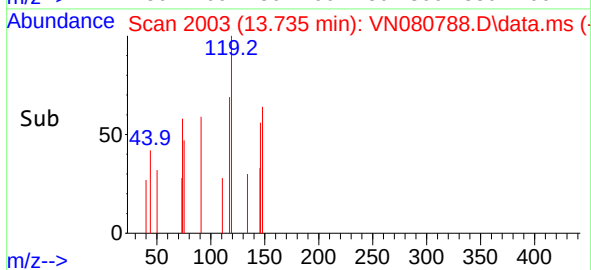
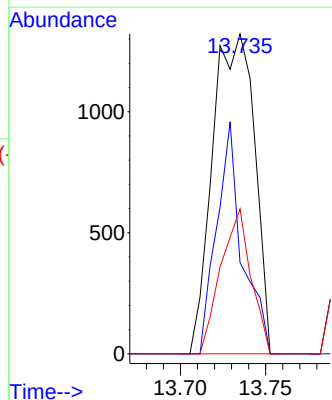
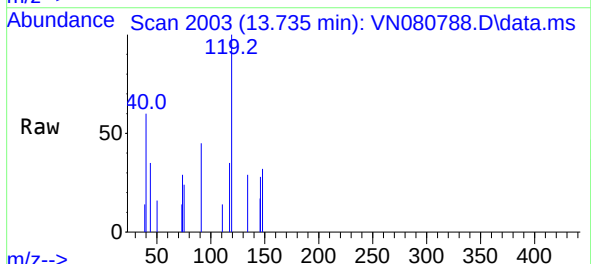
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129MBL01

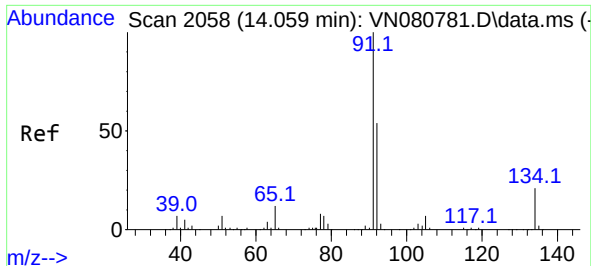
Tgt Ion:105 Resp: 2739
 Ion Ratio Lower Upper
 105 100
 134 5.8 8.6 25.8#



#86
 p-Isopropyltoluene
 Concen: 0.377 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080788.D
 Acq: 29 Jan 2024 13:48

Tgt Ion:119 Resp: 2262
 Ion Ratio Lower Upper
 119 100
 134 44.2 12.4 37.2#
 91 32.6 13.5 40.4





#89

n-Butylbenzene

Concen: 0.668 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080788.D

Acq: 29 Jan 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0129MBL01

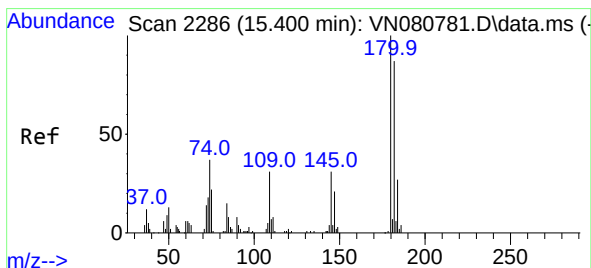
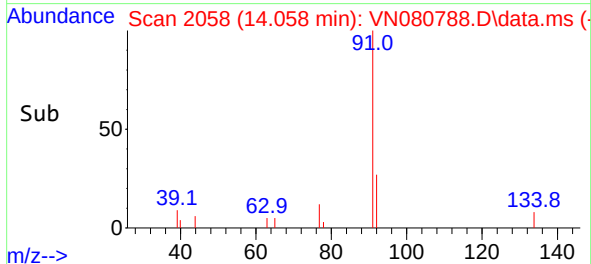
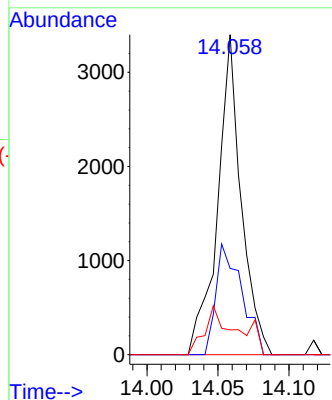
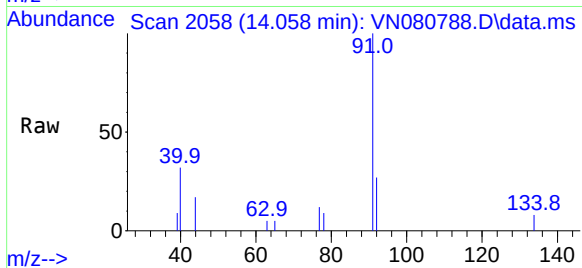
Tgt Ion: 91 Resp: 3927

Ion Ratio Lower Upper

91 100

92 37.8 26.7 80.1

134 20.6 10.8 32.4



#93

1,2,4-Trichlorobenzene

Concen: 0.772 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.006 min

Lab File: VN080788.D

Acq: 29 Jan 2024 13:48

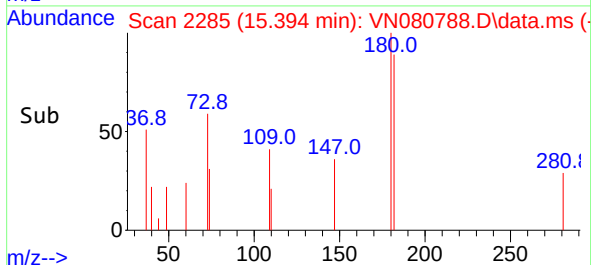
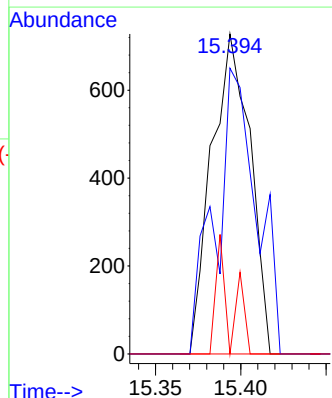
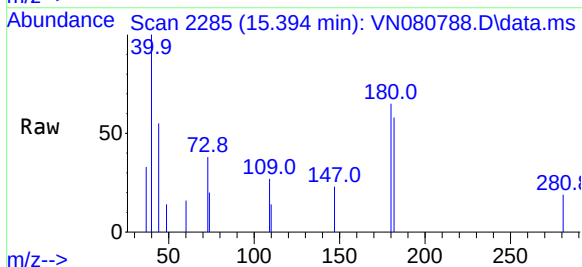
Tgt Ion:180 Resp: 1146

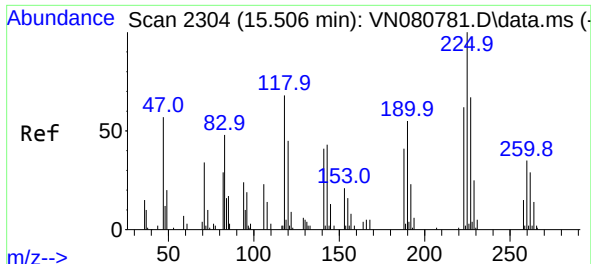
Ion Ratio Lower Upper

180 100

182 93.7 46.6 139.7

145 14.1 16.8 50.3#

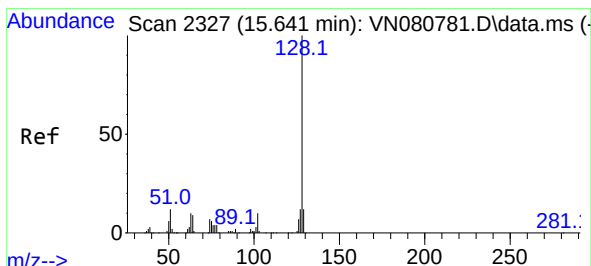
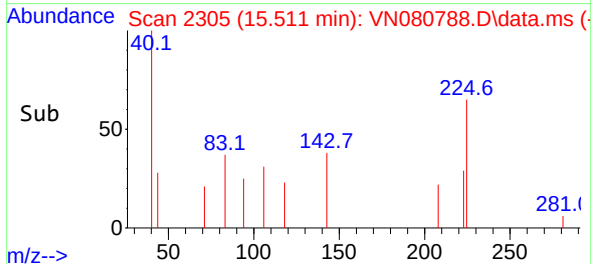
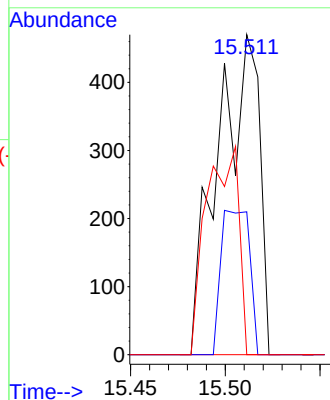
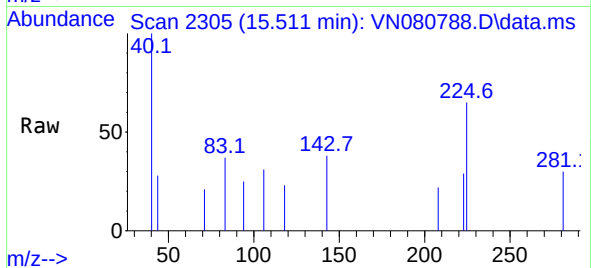




#94
Hexachlorobutadiene
Concen: 1.097 ug/l
RT: 15.511 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

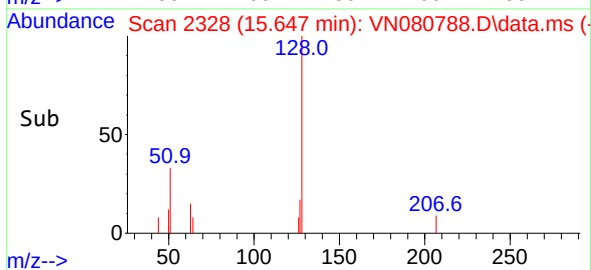
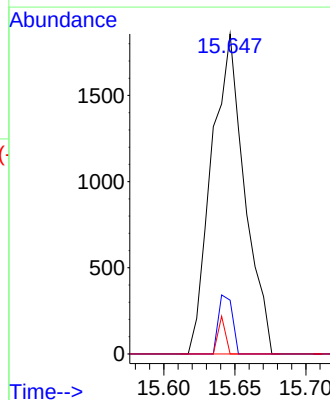
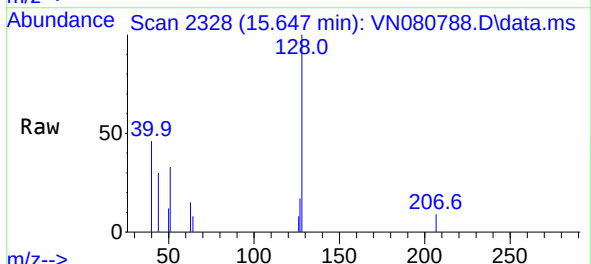
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

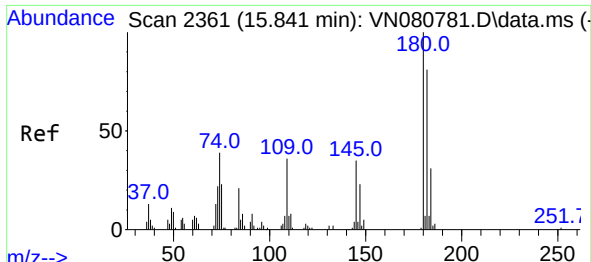
Tgt Ion:225 Resp: 711
Ion Ratio Lower Upper
225 100
223 31.2 33.3 99.8#
227 51.2 33.1 99.2



#95
Naphthalene
Concen: 0.529 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

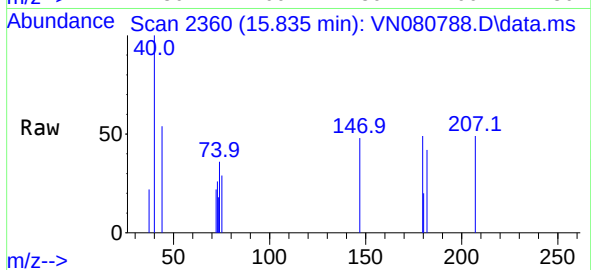
Tgt Ion:128 Resp: 3005
Ion Ratio Lower Upper
128 100
127 7.7 10.0 15.0#
129 2.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.742 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN080788.D
 Acq: 29 Jan 2024 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129MBL01



Tgt Ion:	180	Resp:	1083
Ion	Ratio	Lower	Upper
180	100		
182	105.5	46.5	139.3
145	7.1	17.8	53.4#

