

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076364.D
 Acq On : 23 Jan 2023 14:12
 Operator : JC\MD
 Sample : 01233-11
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-P38C

Quant Time: Jan 23 14:32:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

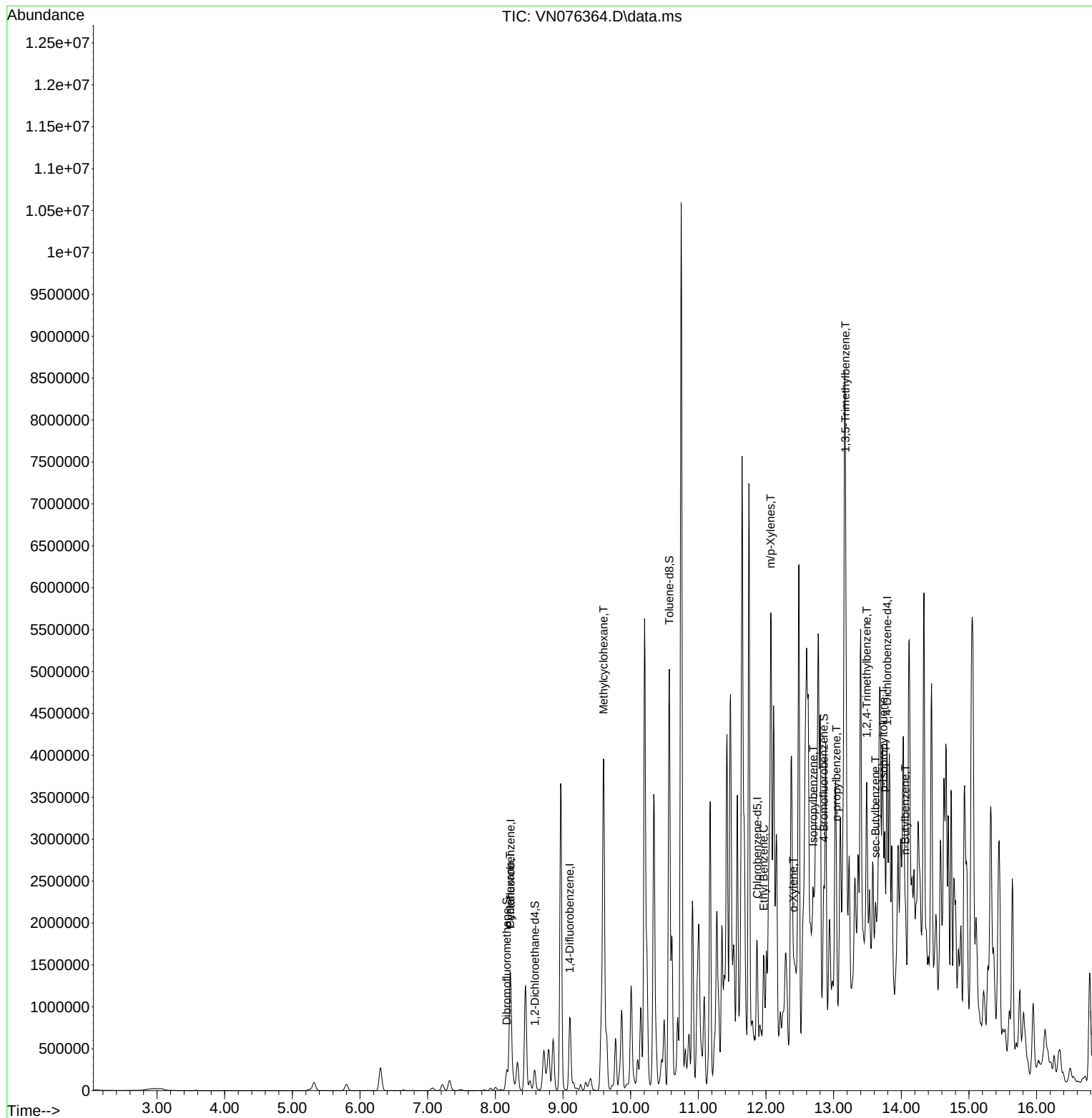
Internal Standards						
1) Pentafluorobenzene	8.224	168	380260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	594043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	544762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	318779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	203624	47.825	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.640%
35) Dibromofluoromethane	8.171	113	170665	45.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	10.571	98	898887	65.500	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	131.000%#
62) 4-Bromofluorobenzene	12.853	95	408169	91.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	182.220%#
Target Compounds						
					Qvalue	
31) Cyclohexane	8.218	56	259403	39.661	ug/l #	48
39) Methylcyclohexane	9.600	83	1757162	272.504	ug/l	96
67) Ethyl Benzene	11.965	91	146518	7.434	ug/l	96
68) m/p-Xylenes	12.071	106	167223	21.160	ug/l	92
69) o-Xylene	12.406	106	21412	2.759	ug/l	52
73) Isopropylbenzene	12.700	105	322036	13.059	ug/l	99
78) n-propylbenzene	13.041	91	798475	28.696	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	715535	34.634	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1375210	66.383	ug/l	100
85) sec-Butylbenzene	13.618	105	293032	11.493	ug/l #	64
86) p-Isopropyltoluene	13.735	119	478090	22.803	ug/l	95
89) n-Butylbenzene	14.059	91	529712	31.826	ug/l #	75

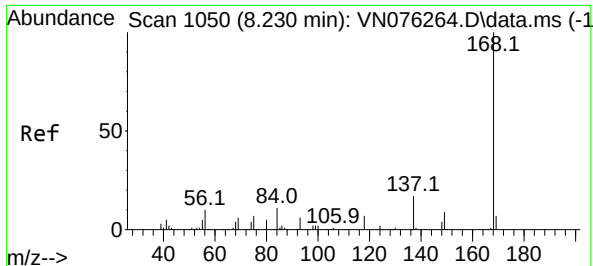
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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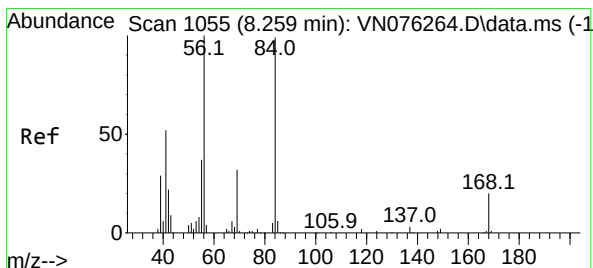
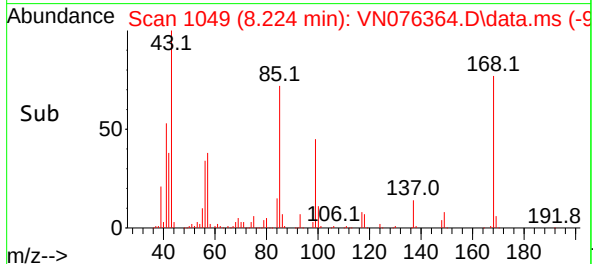
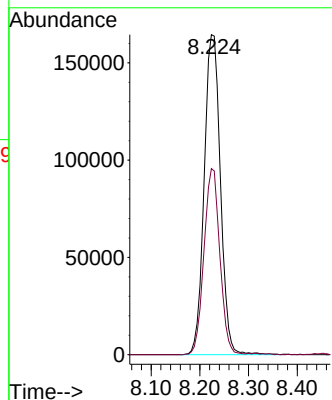
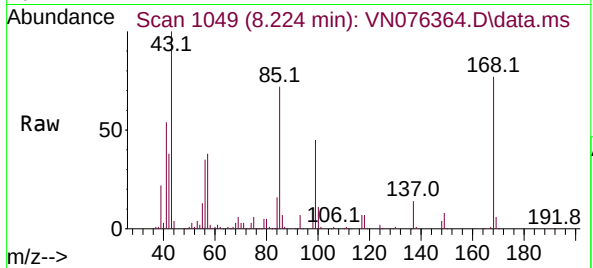




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

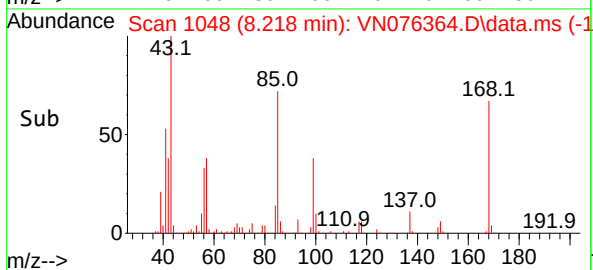
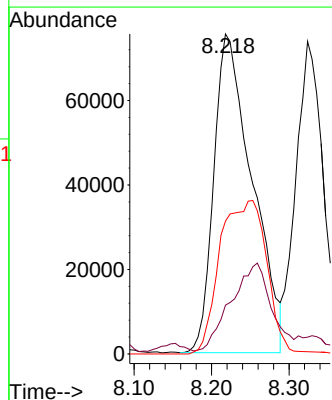
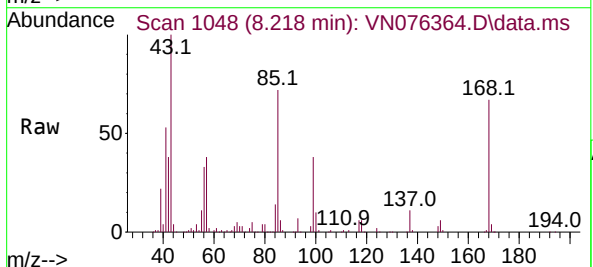
Instrument :
MSVOA_N
ClientSampleId :
B-P38C

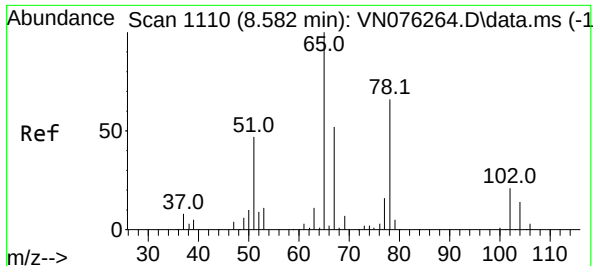
Tgt Ion:168 Resp: 380260
Ion Ratio Lower Upper
168 100
99 58.2 41.6 62.4



#31
Cyclohexane
Concen: 39.661 ug/l
RT: 8.218 min Scan# 1048
Delta R.T. -0.041 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

Tgt Ion: 56 Resp: 259403
Ion Ratio Lower Upper
56 100
69 13.0 25.8 38.8#
84 41.7 79.0 118.4#





#33

1,2-Dichloroethane-d4

Concen: 47.825 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076364.D

Acq: 23 Jan 2023 14:12

Instrument :

MSVOA_N

ClientSampleId :

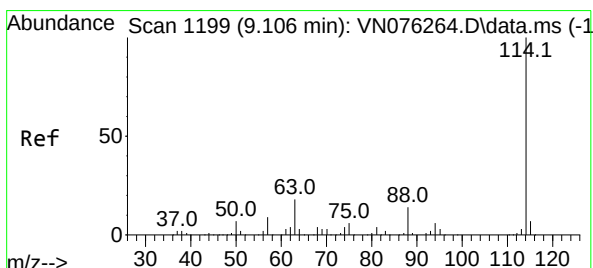
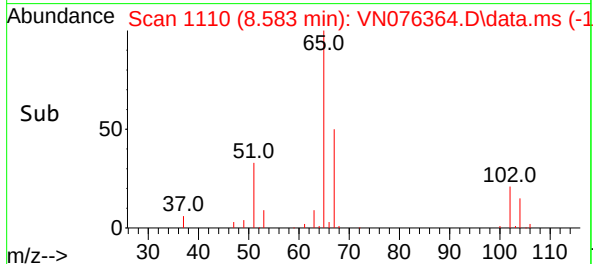
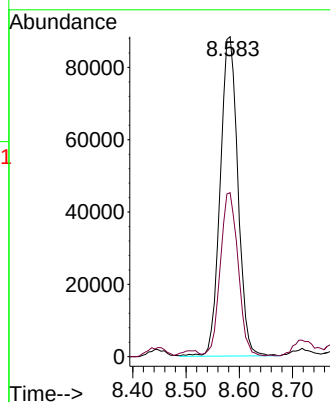
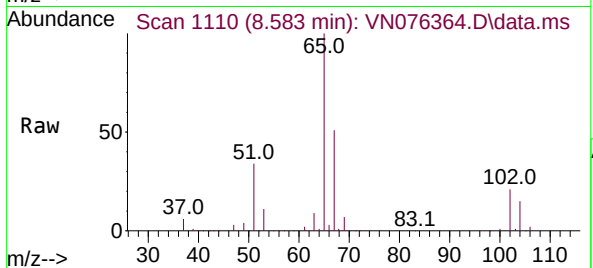
B-P38C

Tgt Ion: 65 Resp: 203624

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN076364.D

Acq: 23 Jan 2023 14:12

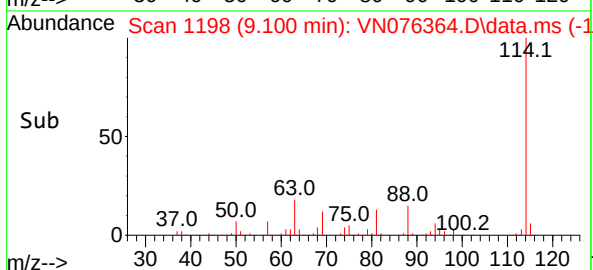
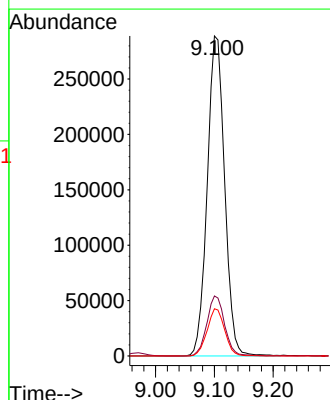
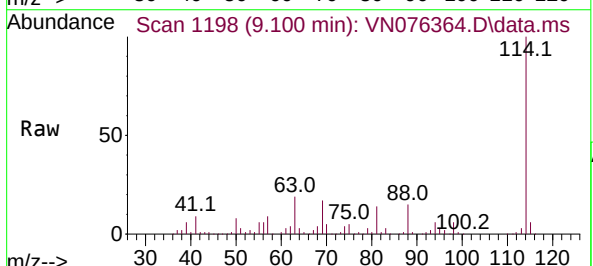
Tgt Ion: 114 Resp: 594043

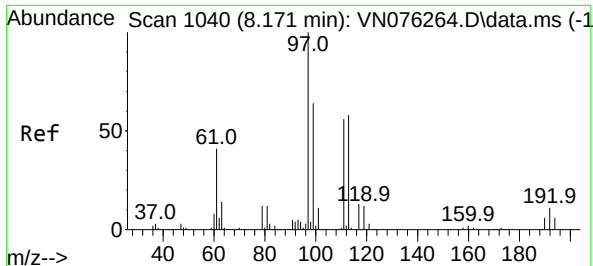
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.8

88 14.8 0.0 28.0





#35

Dibromofluoromethane

Concen: 45.927 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076364.D

Acq: 23 Jan 2023 14:12

Instrument :

MSVOA_N

ClientSampleId :

B-P38C

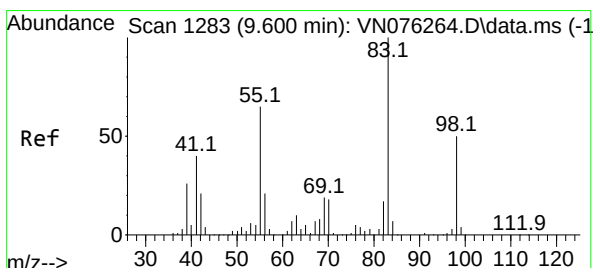
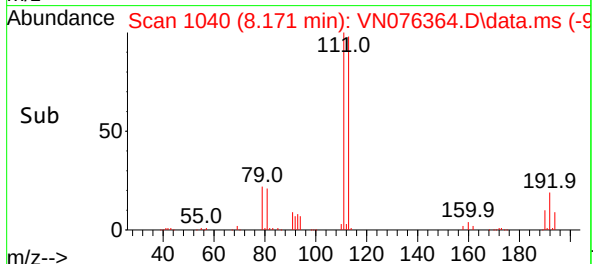
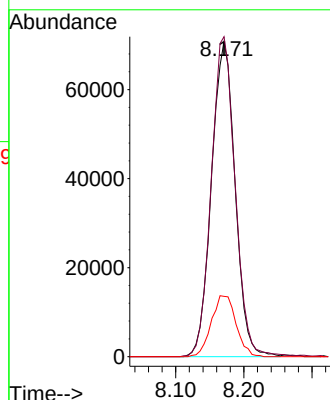
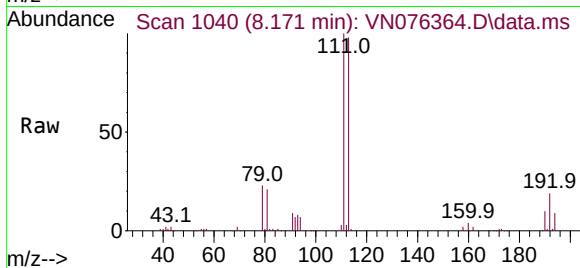
Tgt Ion:113 Resp: 170665

Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

192 20.2 15.6 23.4



#39

Methylcyclohexane

Concen: 272.504 ug/l

RT: 9.600 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VN076364.D

Acq: 23 Jan 2023 14:12

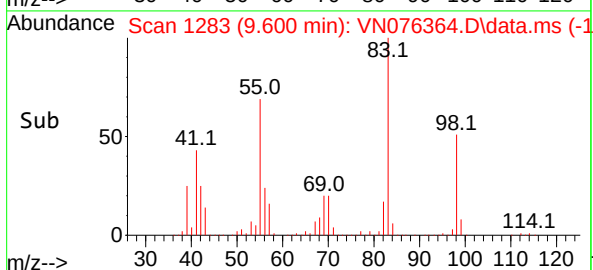
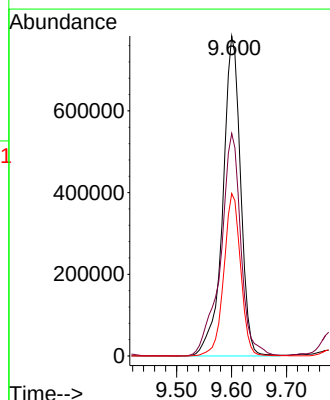
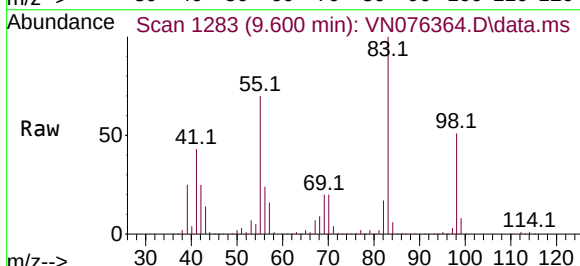
Tgt Ion: 83 Resp: 1757162

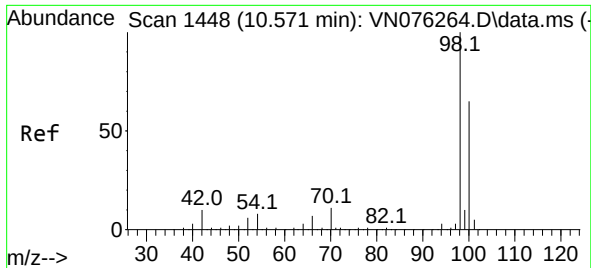
Ion Ratio Lower Upper

83 100

55 69.5 51.7 77.5

98 50.7 40.0 60.0

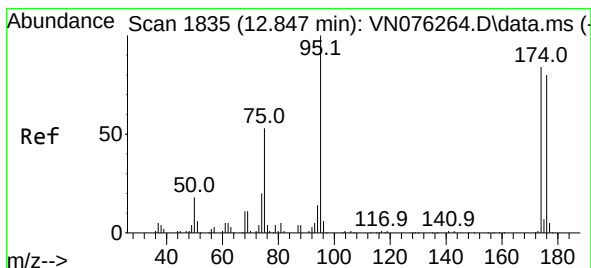
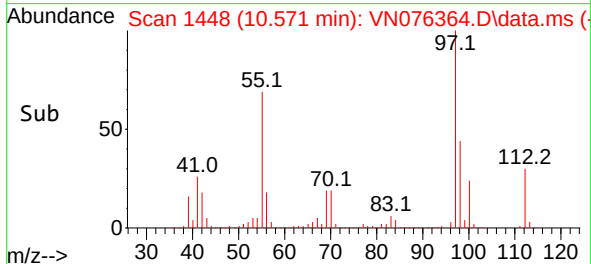
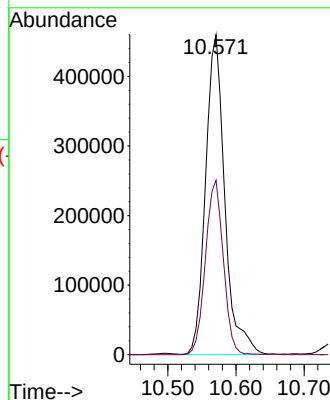
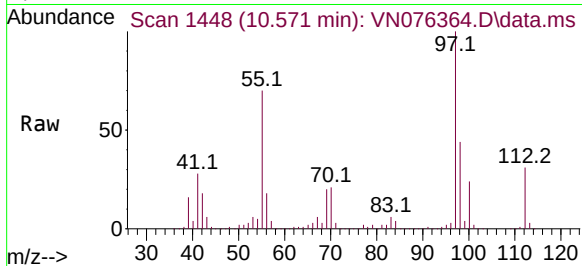




#50
Toluene-d8
Concen: 65.500 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

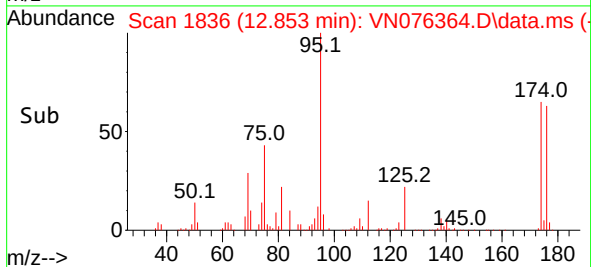
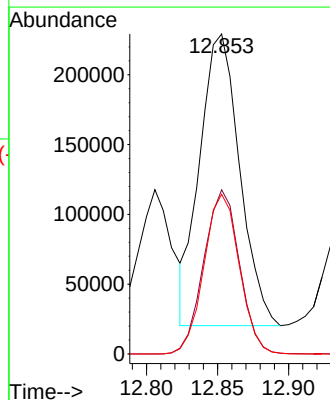
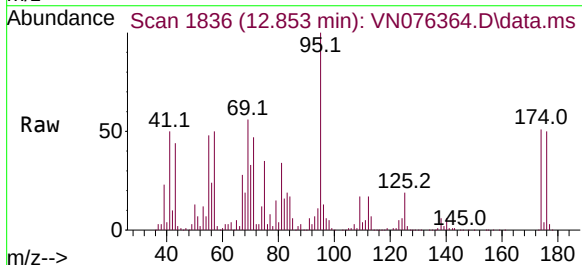
Instrument :
MSVOA_N
ClientSampleId :
B-P38C

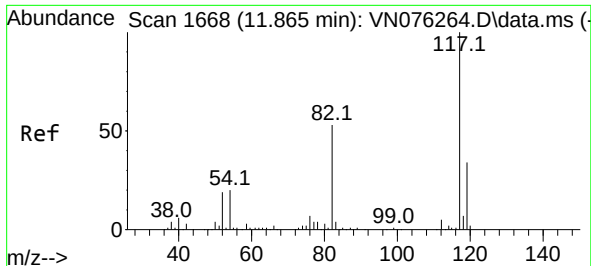
Tgt Ion: 98 Resp: 898887
Ion Ratio Lower Upper
98 100
100 50.9 52.2 78.4#



#62
4-Bromofluorobenzene
Concen: 91.107 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

Tgt Ion: 95 Resp: 408169
Ion Ratio Lower Upper
95 100
174 50.3 0.0 174.6
176 48.6 0.0 167.8

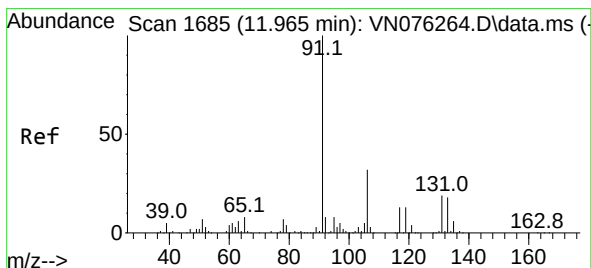
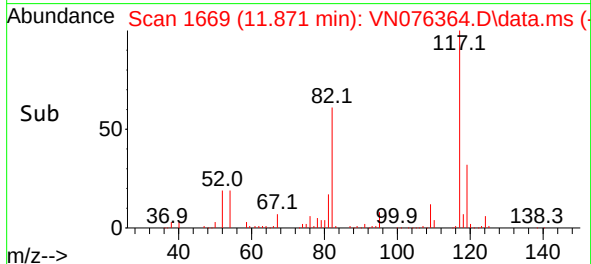
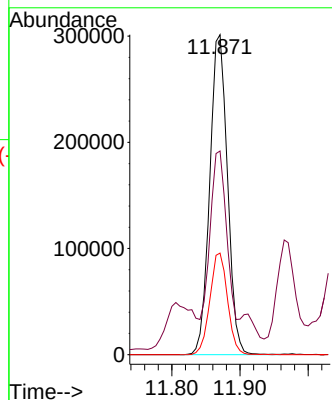
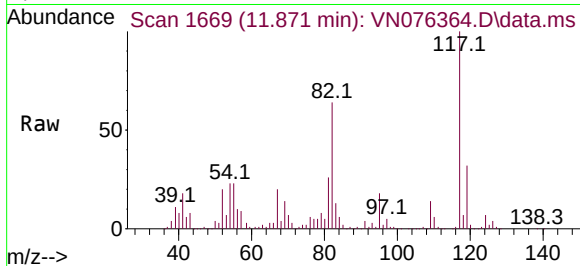




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

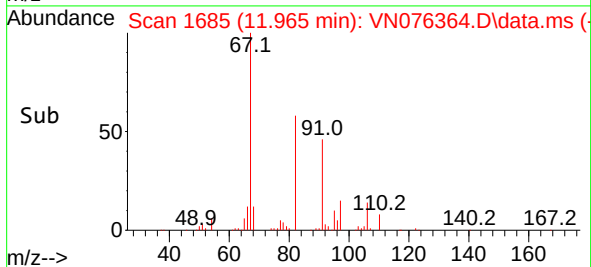
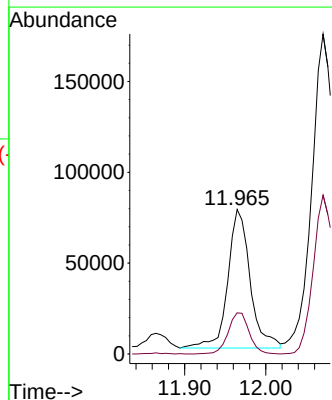
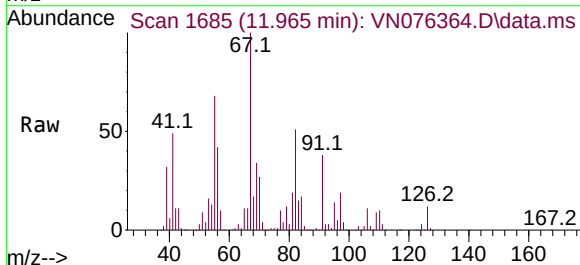
Instrument :
MSVOA_N
ClientSampleId :
B-P38C

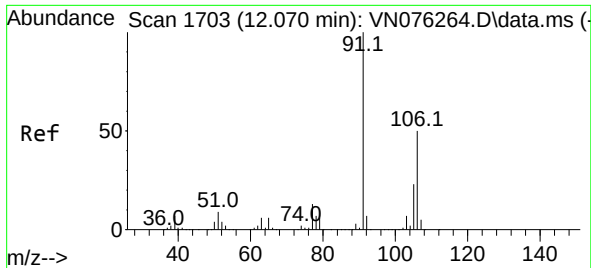
Tgt Ion:117 Resp: 544762
Ion Ratio Lower Upper
117 100
82 48.5 42.2 63.2
119 31.8 26.9 40.3



#67
Ethyl Benzene
Concen: 7.434 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

Tgt Ion: 91 Resp: 146518
Ion Ratio Lower Upper
91 100
106 29.7 25.5 38.3

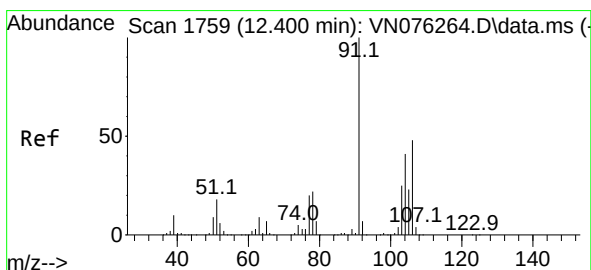
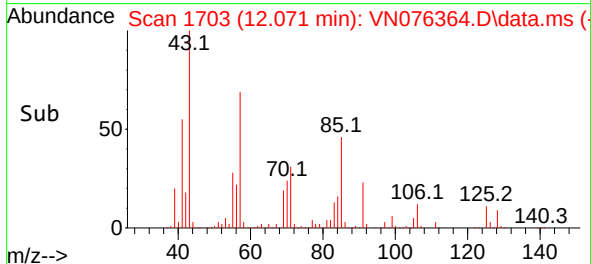
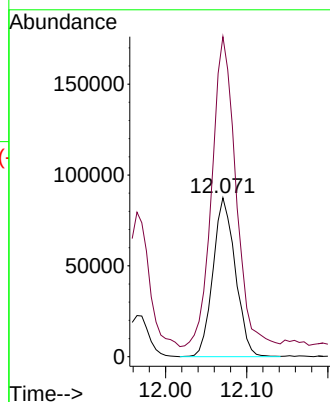
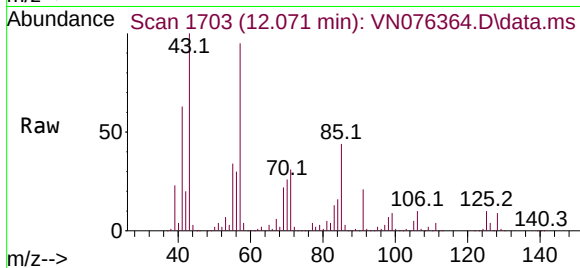




#68
m/p-Xylenes
Concen: 21.160 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

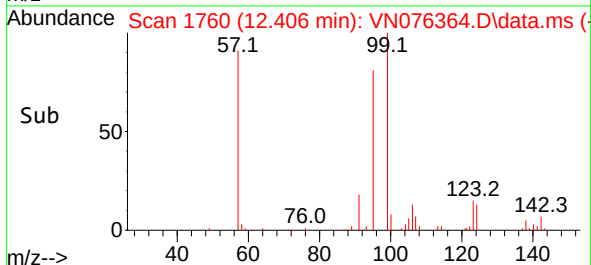
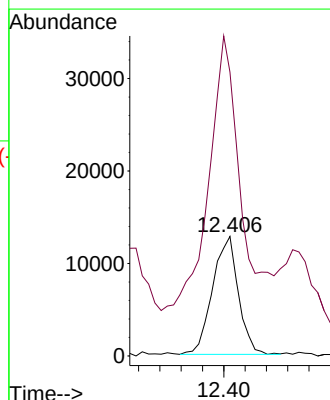
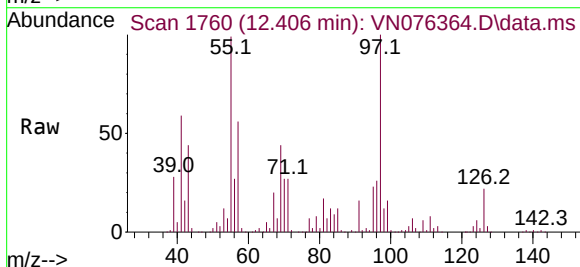
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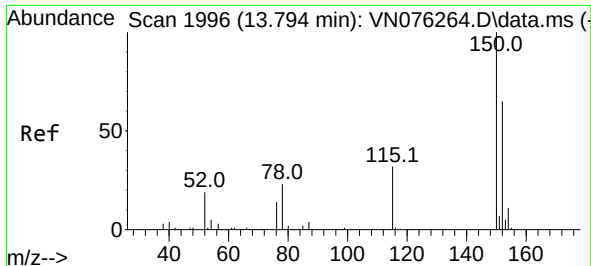
Tgt Ion:106 Resp: 167223
Ion Ratio Lower Upper
106 100
91 209.3 157.5 236.3



#69
o-Xylene
Concen: 2.759 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

Tgt Ion:106 Resp: 21412
Ion Ratio Lower Upper
106 100
91 280.8 103.2 309.4

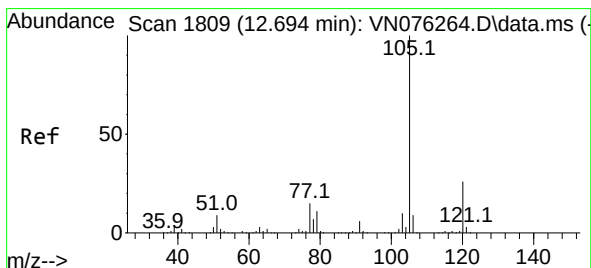
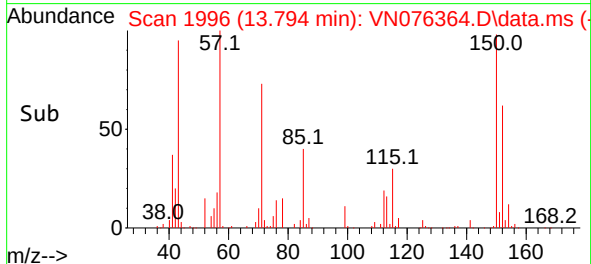
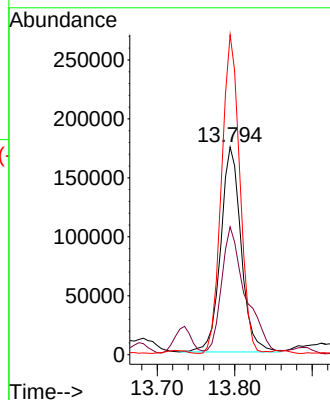
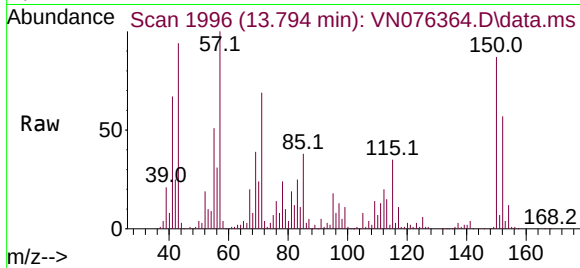




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

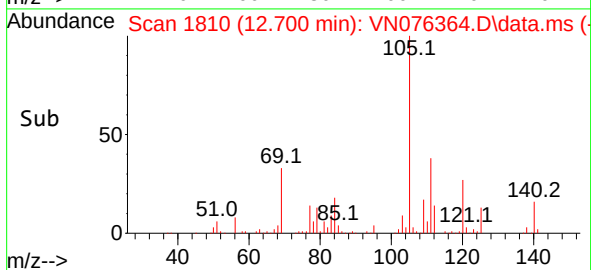
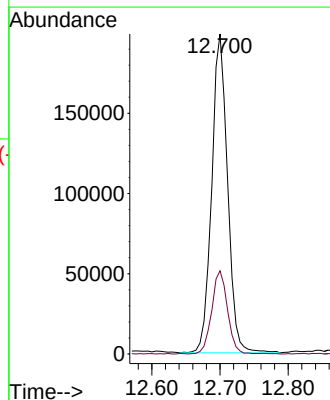
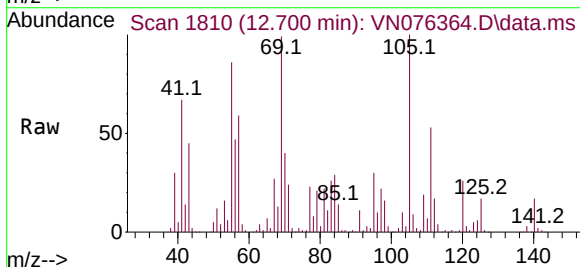
Instrument :
MSVOA_N
ClientSampleId :
B-P38C

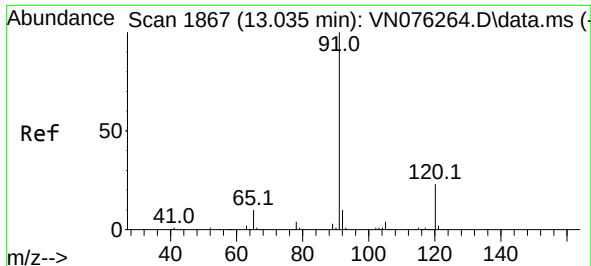
Tgt Ion:152 Resp: 318779
Ion Ratio Lower Upper
152 100
115 69.1 29.6 88.9
150 139.0 0.0 351.4



#73
Isopropylbenzene
Concen: 13.059 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

Tgt Ion:105 Resp: 322036
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

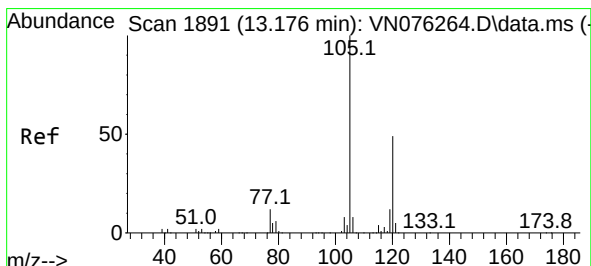
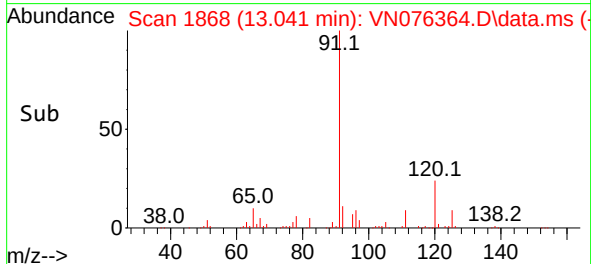
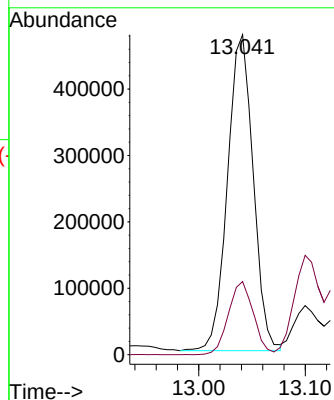
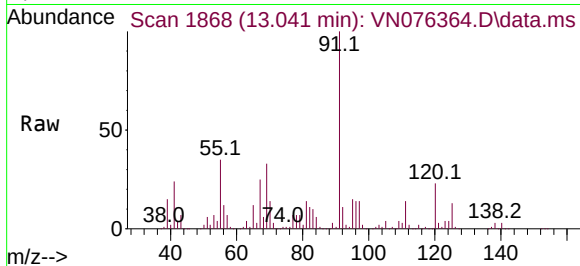




#78
n-propylbenzene
Concen: 28.696 ug/l
RT: 13.041 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

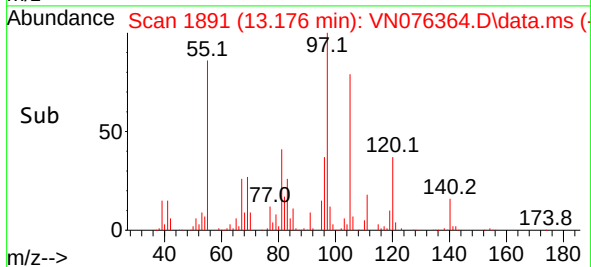
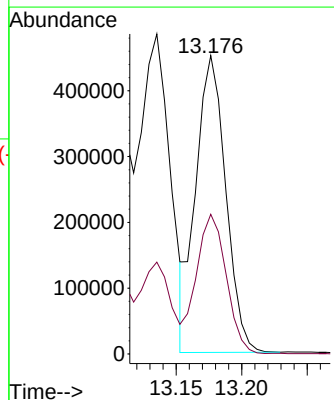
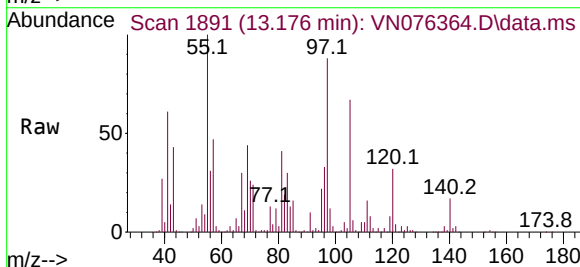
Instrument :
MSVOA_N
ClientSampleId :
B-P38C

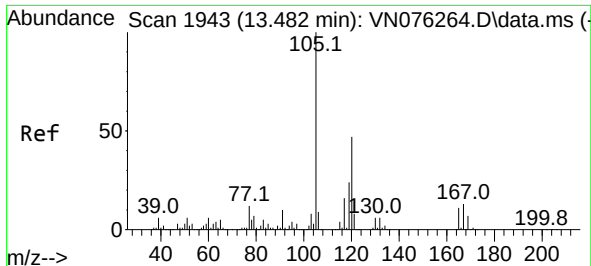
Tgt Ion: 91 Resp: 798475
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 34.634 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

Tgt Ion: 105 Resp: 715535
Ion Ratio Lower Upper
105 100
120 47.4 25.0 75.0

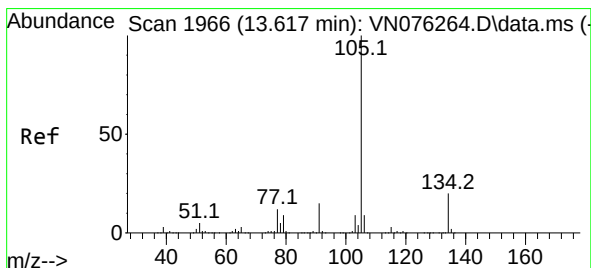
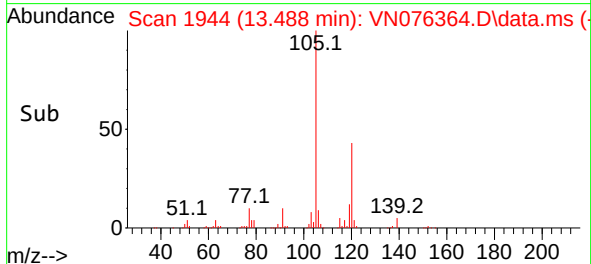
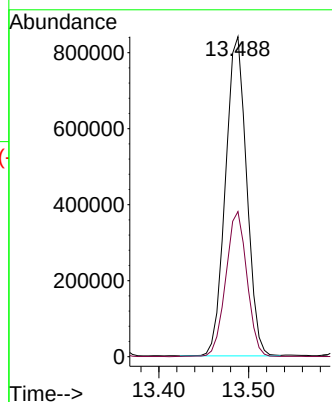
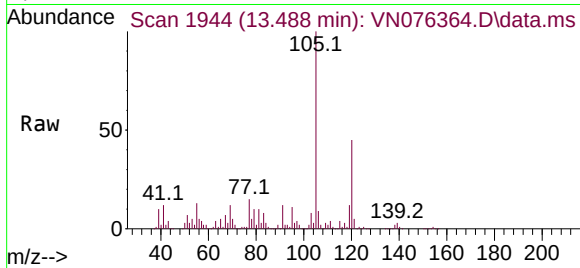




#84
1,2,4-Trimethylbenzene
Concen: 66.383 ug/l
RT: 13.488 min Scan# 1943
Delta R.T. 0.006 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

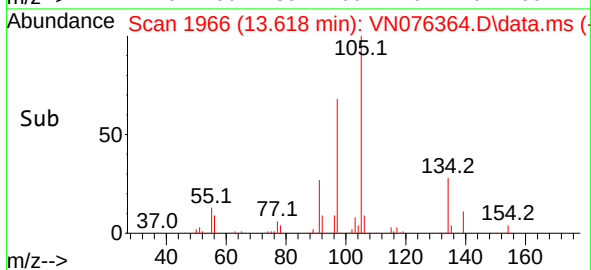
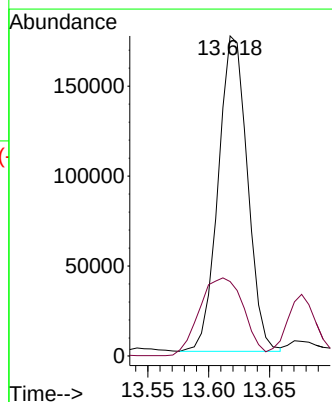
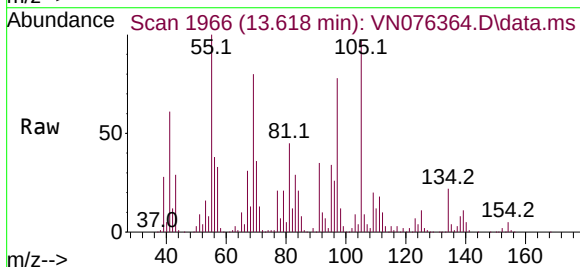
Instrument :
MSVOA_N
ClientSampleId :
B-P38C

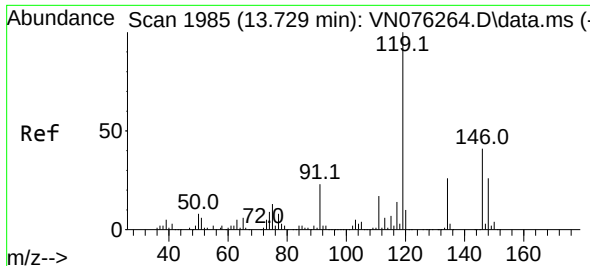
Tgt Ion:105 Resp: 1375210
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5



#85
sec-Butylbenzene
Concen: 11.493 ug/l
RT: 13.618 min Scan# 1966
Delta R.T. 0.001 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

Tgt Ion:105 Resp: 293032
Ion Ratio Lower Upper
105 100
134 37.1 10.3 30.8#

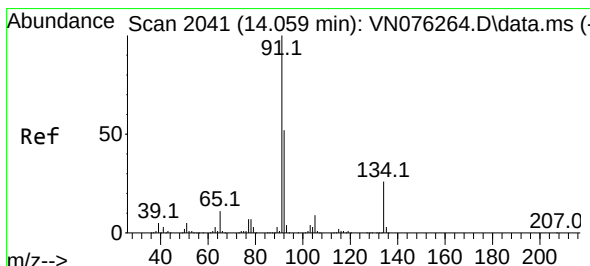
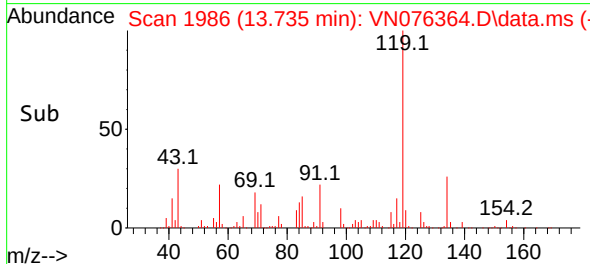
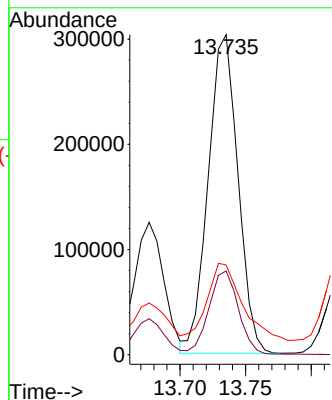
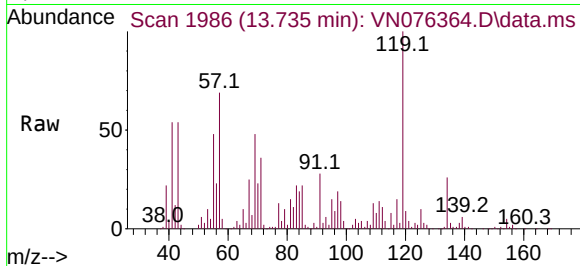




#86
p-Isopropyltoluene
Concen: 22.803 ug/l
RT: 13.735 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

Instrument :
MSVOA_N
ClientSampleId :
B-P38C

Tgt Ion:119 Resp: 478090
Ion Ratio Lower Upper
119 100
134 26.0 13.2 39.6
91 28.5 11.8 35.3



#89
n-Butylbenzene
Concen: 31.826 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076364.D
Acq: 23 Jan 2023 14:12

Tgt Ion: 91 Resp: 529712
Ion Ratio Lower Upper
91 100
92 60.5 26.3 78.9
134 0.0 13.2 39.5#

