

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076326.D
 Acq On : 19 Jan 2023 16:31
 Operator : JC\MD
 Sample : 01208-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33894DL

Quant Time: Jan 20 00:58:29 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)

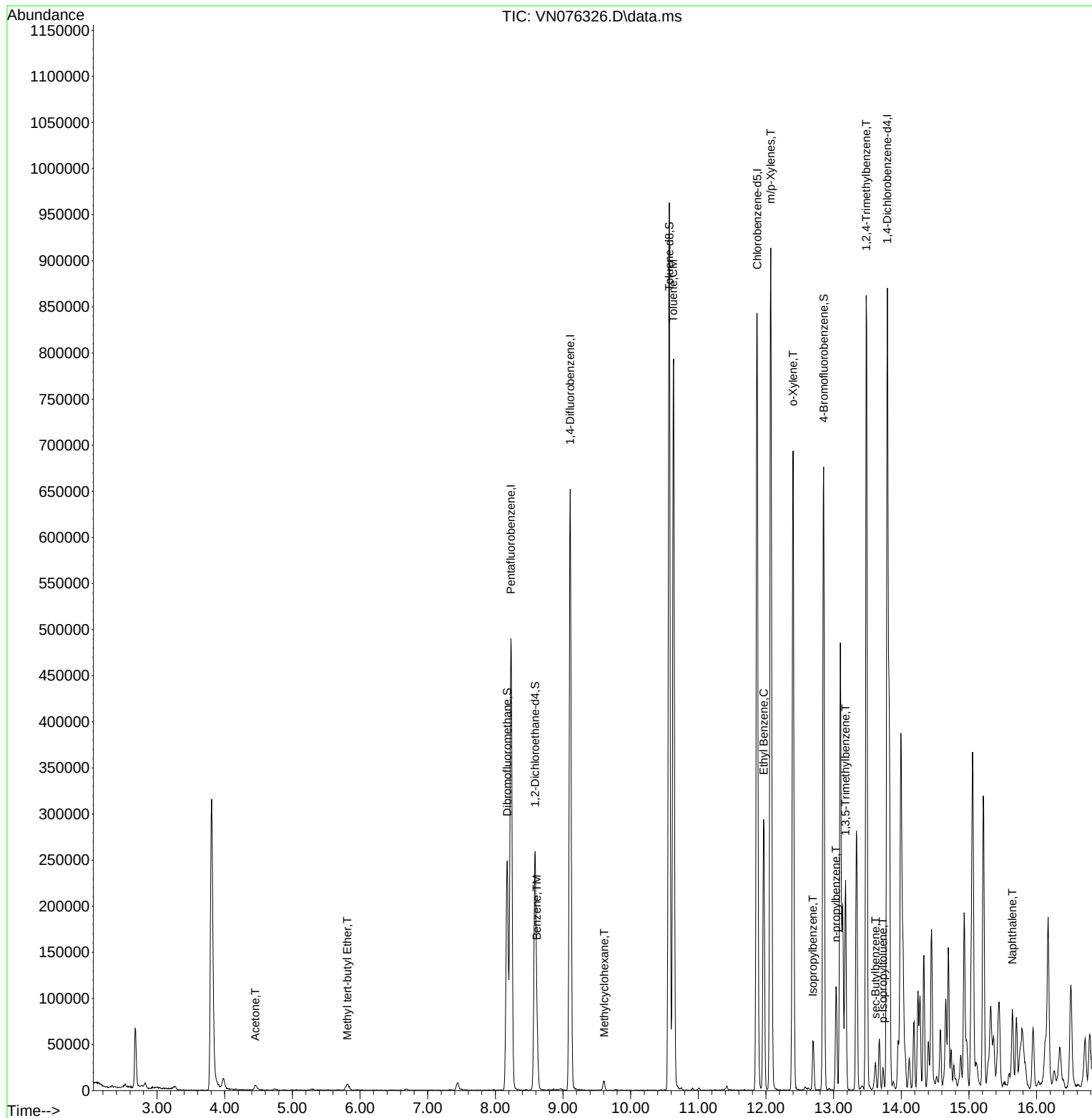
Internal Standards						
1) Pentafluorobenzene	8.230	168	382600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	526154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	196006	45.754	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.500%
35) Dibromofluoromethane	8.177	113	179276	47.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.280%
50) Toluene-d8	10.571	98	681566	49.037	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.853	95	225305	49.655	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.320%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	10712	7.729	ug/l #	84
19) Methyl tert-butyl Ether	5.812	73	11703	0.981	ug/l #	90
39) Methylcyclohexane	9.612	83	4399	0.674	ug/l #	90
40) Benzene	8.612	78	64514	4.034	ug/l	95
52) Toluene	10.629	92	370455	34.642	ug/l	99
67) Ethyl Benzene	11.965	91	221624	11.643	ug/l	99
68) m/p-Xylenes	12.071	106	308487	40.415	ug/l	98
69) o-Xylene	12.400	106	208632	27.833	ug/l	99
73) Isopropylbenzene	12.694	105	39504	2.140	ug/l	98
78) n-propylbenzene	13.035	91	89531	4.299	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	125251	8.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	511686	33.001	ug/l	100
85) sec-Butylbenzene	13.617	105	21100	1.106	ug/l	91
86) p-Isopropyltoluene	13.729	119	13662	0.871	ug/l	97
95) Naphthalene	15.641	128	78163	7.912	ug/l	99

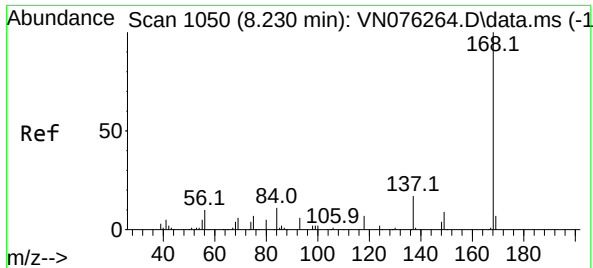
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
Data File : VN076326.D
Acq On : 19 Jan 2023 16:31
Operator : JC\MD
Sample : 01208-01DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33894DL

Quant Time: Jan 20 00:58:29 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

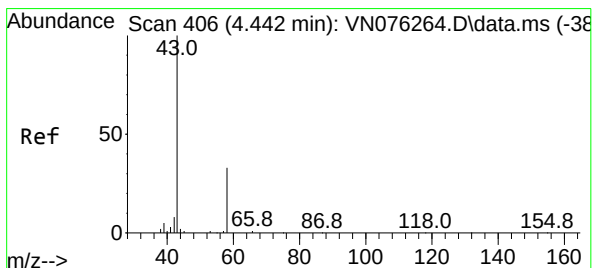
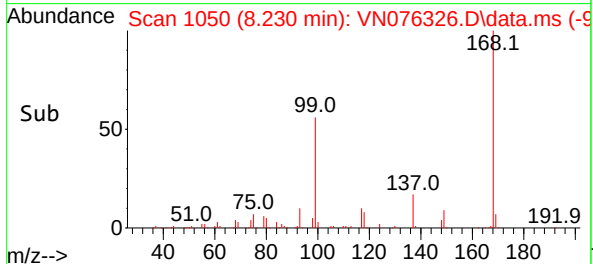
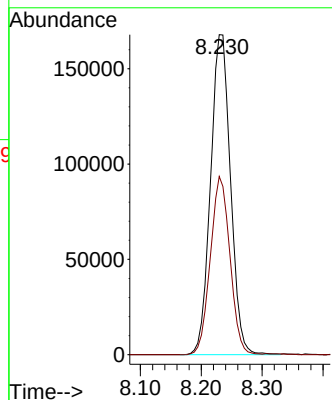
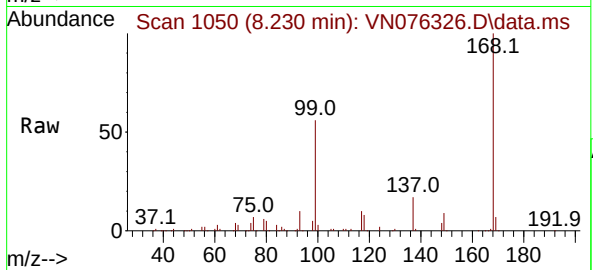




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076326.D
Acq: 19 Jan 2023 16:31

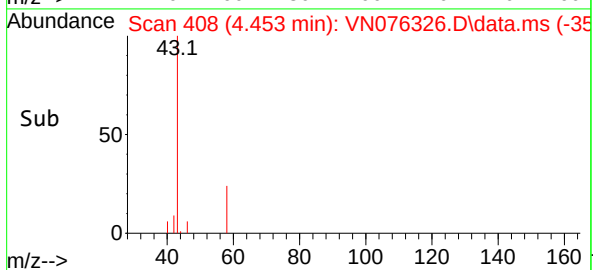
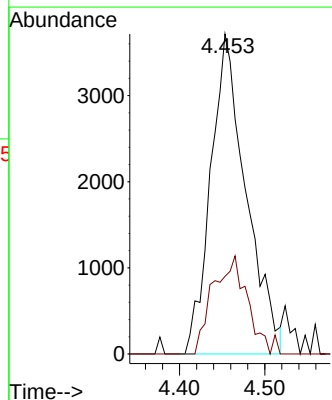
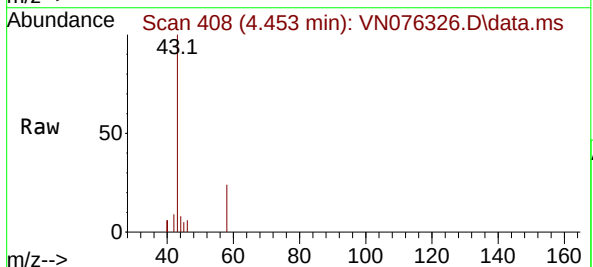
Instrument :
MSVOA_N
ClientSampleId :
33894DL

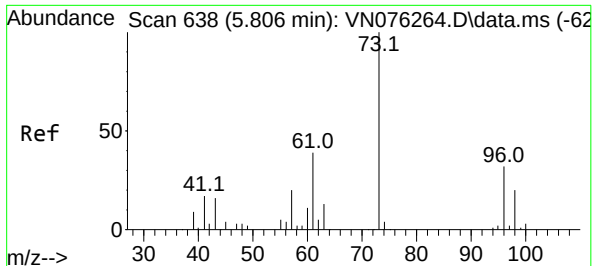
Tgt Ion:168 Resp: 382600
Ion Ratio Lower Upper
168 100
99 55.7 41.6 62.4



#16
Acetone
Concen: 7.729 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076326.D
Acq: 19 Jan 2023 16:31

Tgt Ion: 43 Resp: 10712
Ion Ratio Lower Upper
43 100
58 24.3 26.7 40.1#





#19

Methyl tert-butyl Ether

Concen: 0.981 ug/l

RT: 5.812 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076326.D

Acq: 19 Jan 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

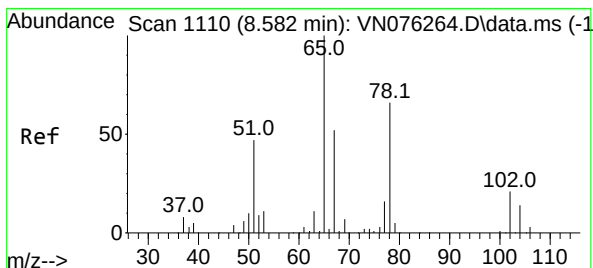
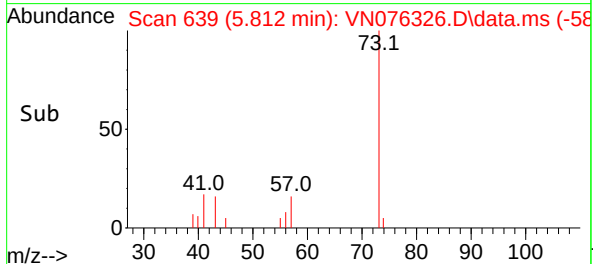
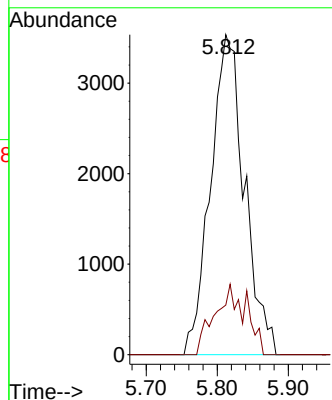
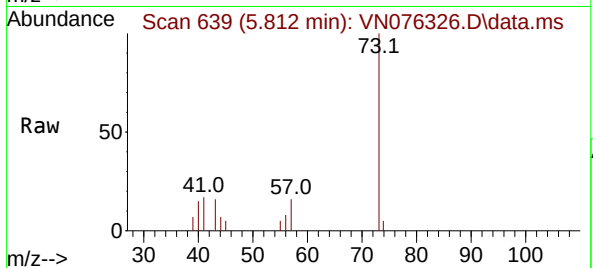
33894DL

Tgt Ion: 73 Resp: 11703

Ion Ratio Lower Upper

73 100

57 15.5 15.9 23.9#



#33

1,2-Dichloroethane-d4

Concen: 45.754 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076326.D

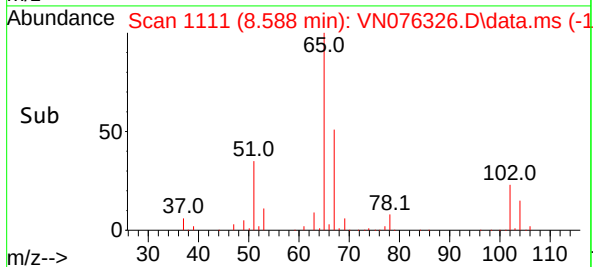
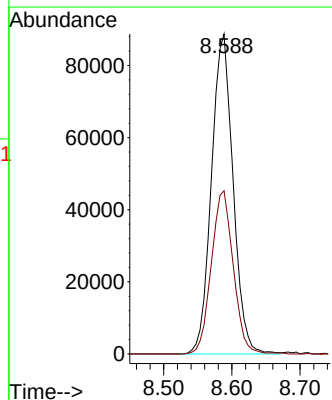
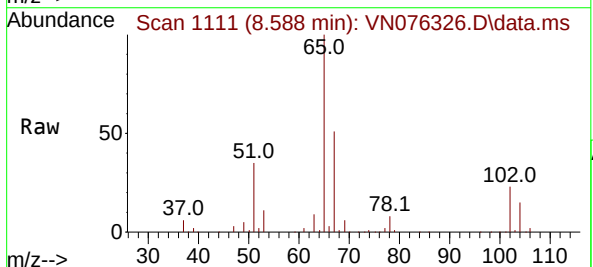
Acq: 19 Jan 2023 16:31

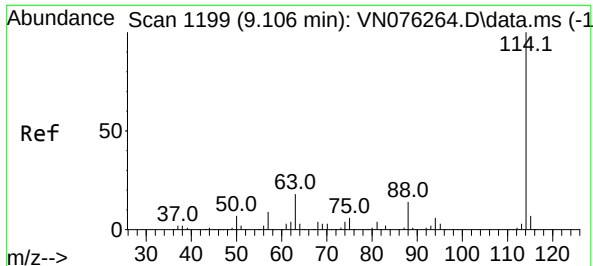
Tgt Ion: 65 Resp: 196006

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076326.D

Acq: 19 Jan 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

33894DL

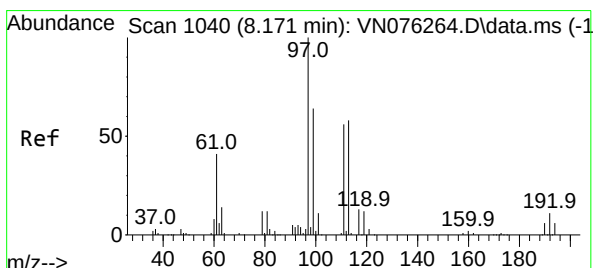
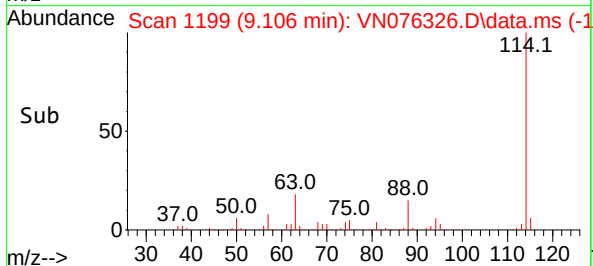
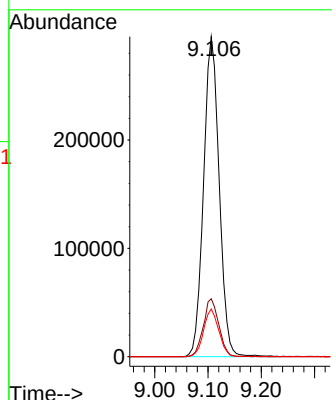
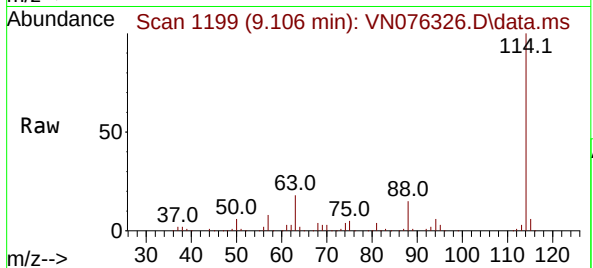
Tgt Ion:114 Resp: 601639

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.8

88 14.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.635 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076326.D

Acq: 19 Jan 2023 16:31

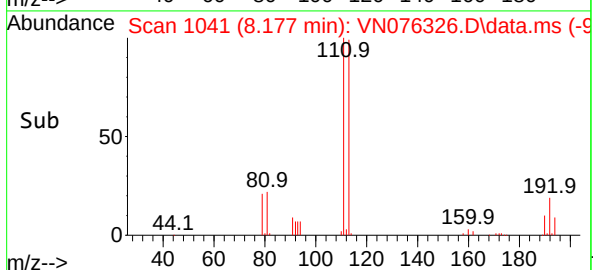
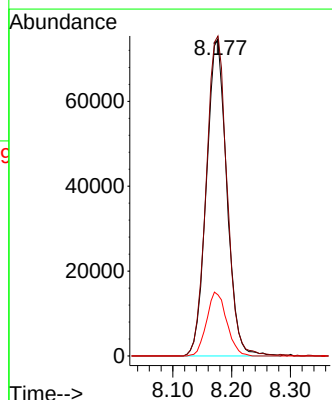
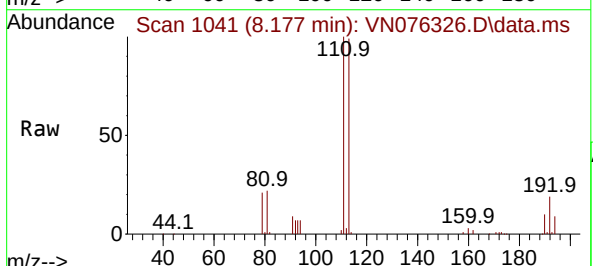
Tgt Ion:113 Resp: 179276

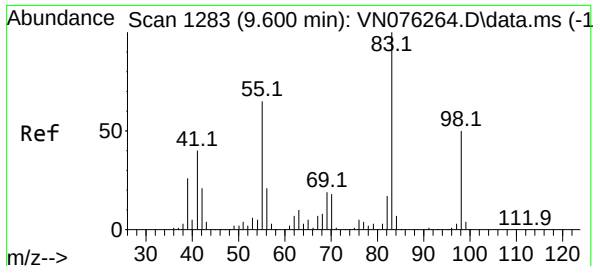
Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

192 19.9 15.6 23.4





#39

Methylcyclohexane

Concen: 0.674 ug/l

RT: 9.612 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VN076326.D

Acq: 19 Jan 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

33894DL

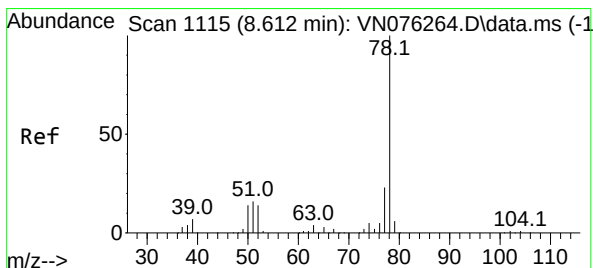
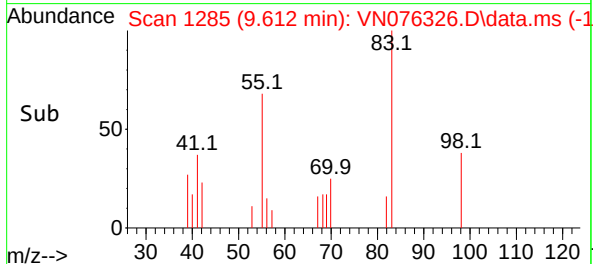
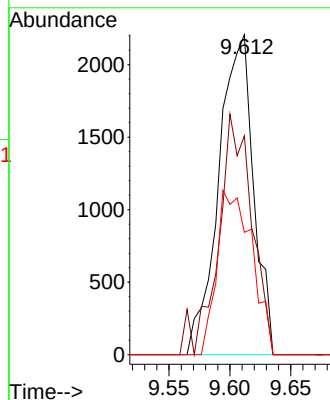
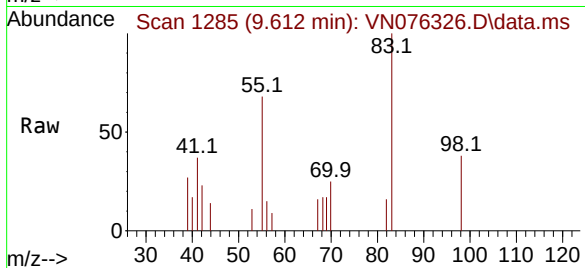
Tgt Ion: 83 Resp: 4399

Ion Ratio Lower Upper

83 100

55 68.4 51.7 77.5

98 38.2 40.0 60.0#



#40

Benzene

Concen: 4.034 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076326.D

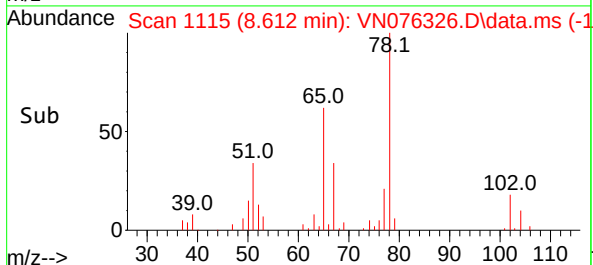
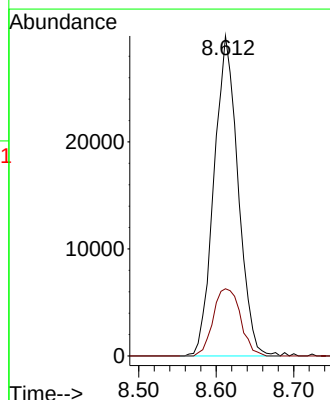
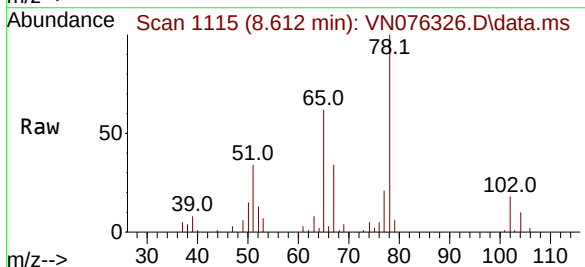
Acq: 19 Jan 2023 16:31

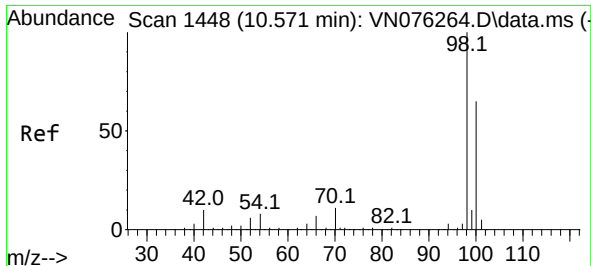
Tgt Ion: 78 Resp: 64514

Ion Ratio Lower Upper

78 100

77 21.0 18.6 28.0

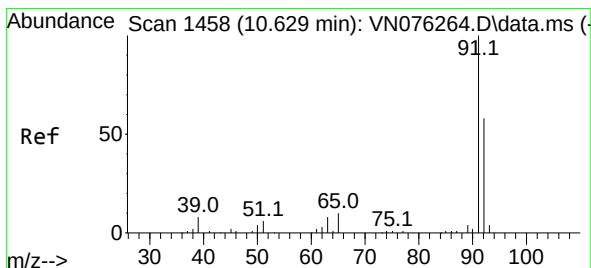
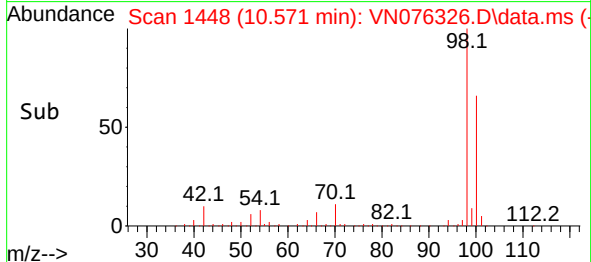
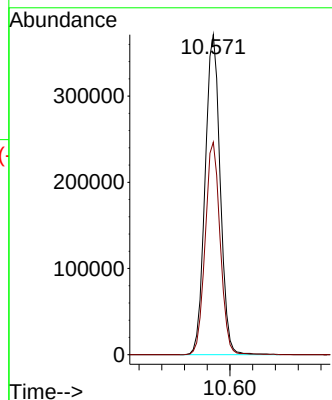
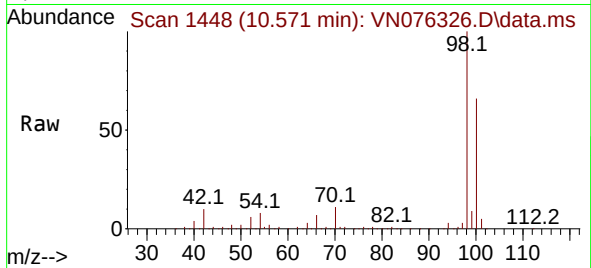




#50
Toluene-d8
Concen: 49.037 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076326.D
Acq: 19 Jan 2023 16:31

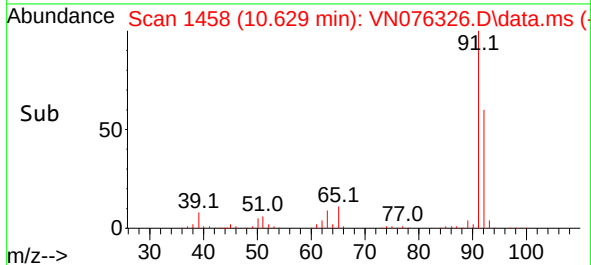
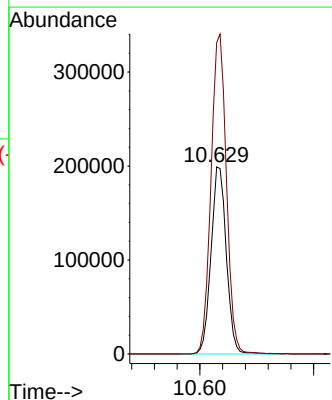
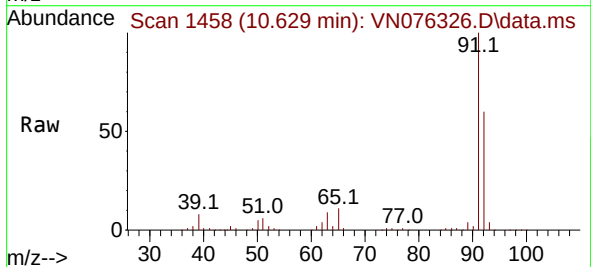
Instrument :
MSVOA_N
ClientSampleId :
33894DL

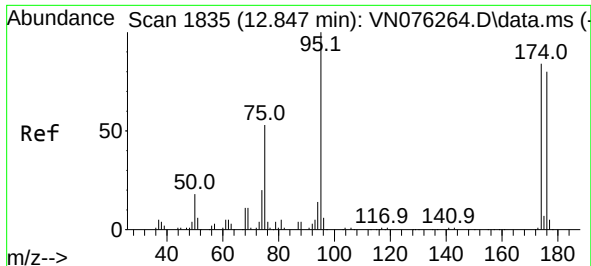
Tgt Ion: 98 Resp: 681566
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4



#52
Toluene
Concen: 34.642 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076326.D
Acq: 19 Jan 2023 16:31

Tgt Ion: 92 Resp: 370455
Ion Ratio Lower Upper
92 100
91 172.7 136.6 205.0

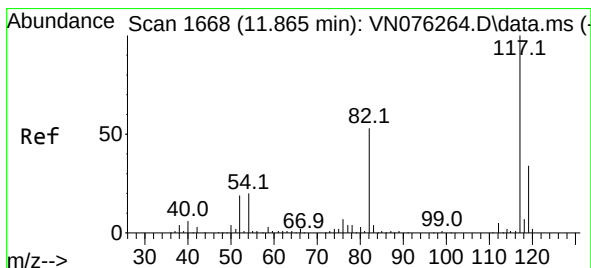
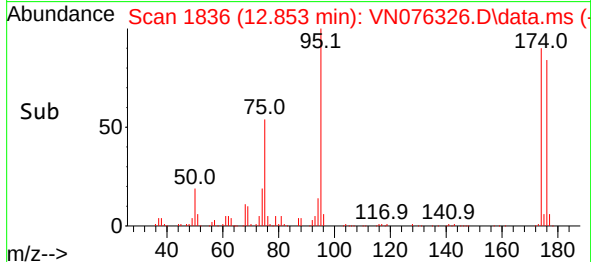
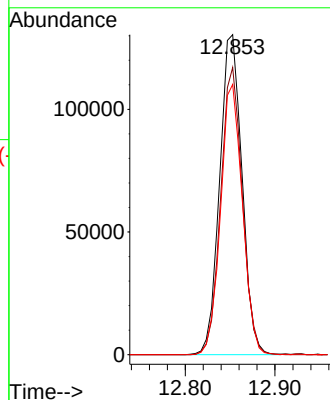
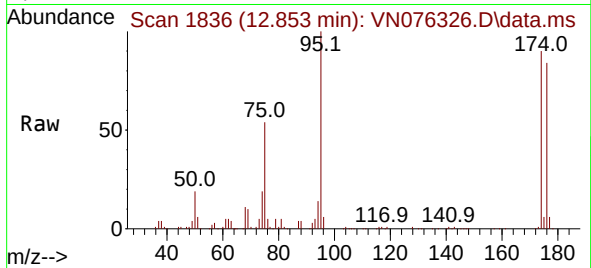




#62
4-Bromofluorobenzene
Concen: 49.655 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076326.D
Acq: 19 Jan 2023 16:31

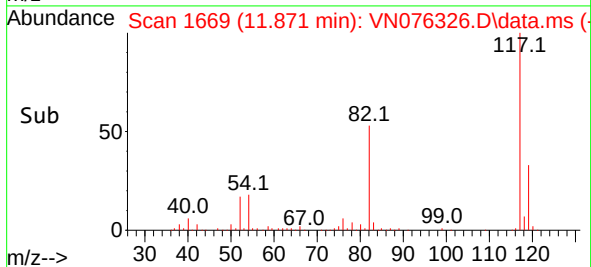
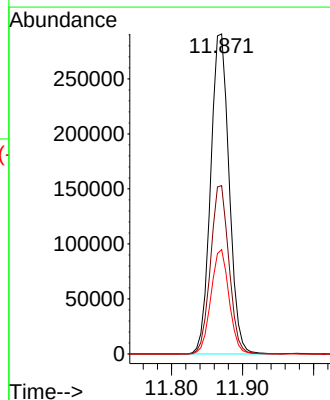
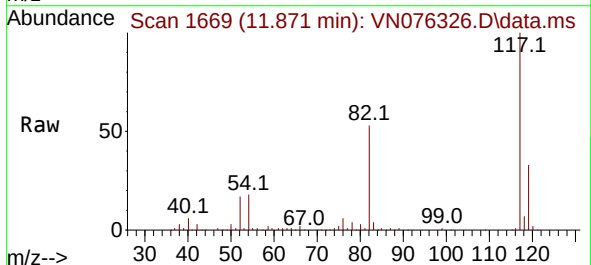
Instrument :
MSVOA_N
ClientSampleId :
33894DL

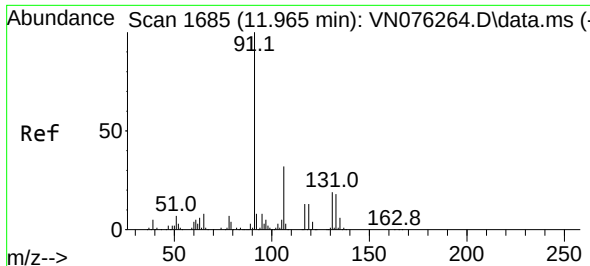
Tgt Ion: 95 Resp: 225305
Ion Ratio Lower Upper
95 100
174 87.0 0.0 174.6
176 82.6 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076326.D
Acq: 19 Jan 2023 16:31

Tgt Ion: 117 Resp: 526154
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.6 26.9 40.3

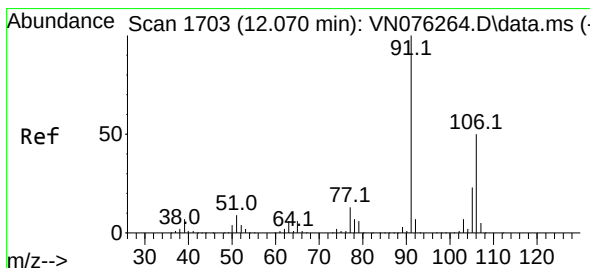
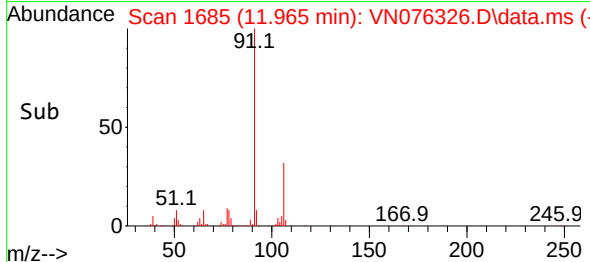
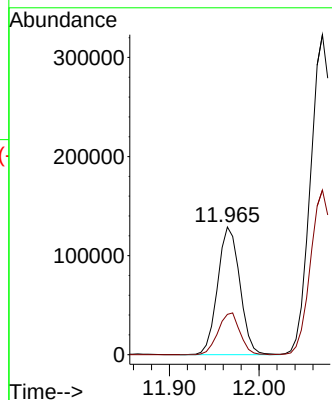
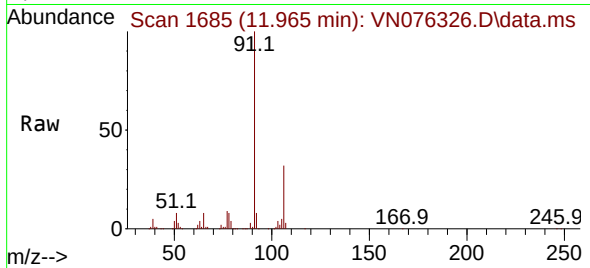




#67
Ethyl Benzene
Concen: 11.643 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076326.D
Acq: 19 Jan 2023 16:31

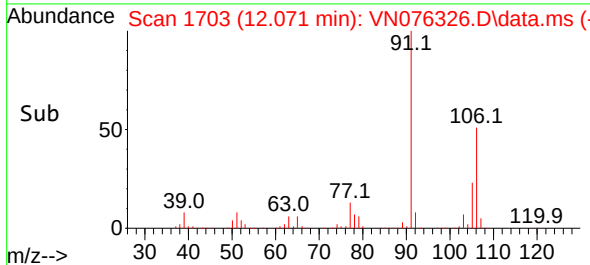
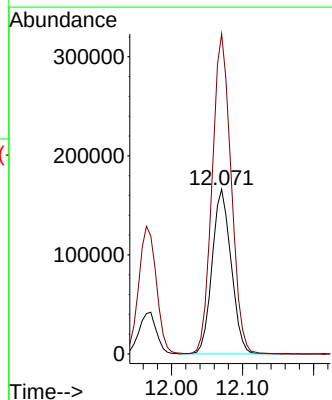
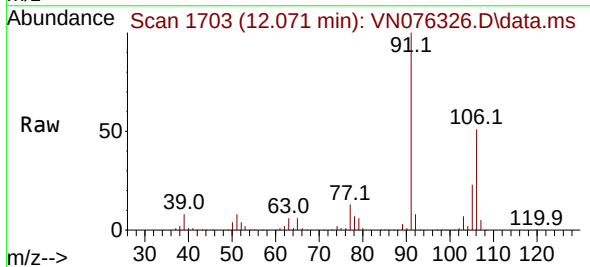
Instrument :
MSVOA_N
ClientSampleId :
33894DL

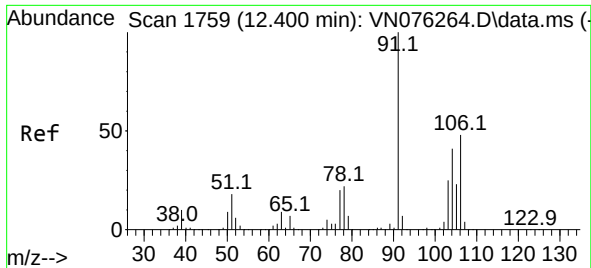
Tgt Ion: 91 Resp: 221624
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 40.415 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076326.D
Acq: 19 Jan 2023 16:31

Tgt Ion:106 Resp: 308487
Ion Ratio Lower Upper
106 100
91 193.9 157.5 236.3

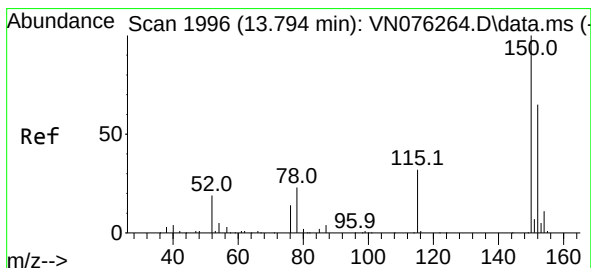
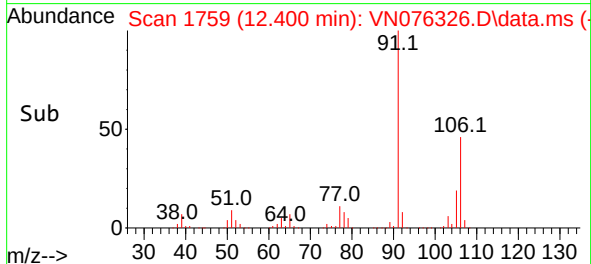
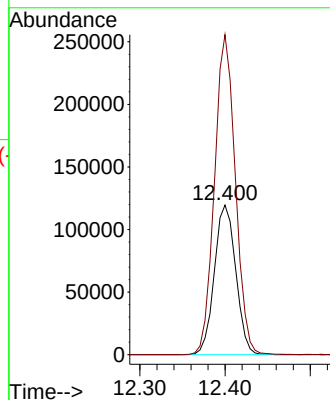
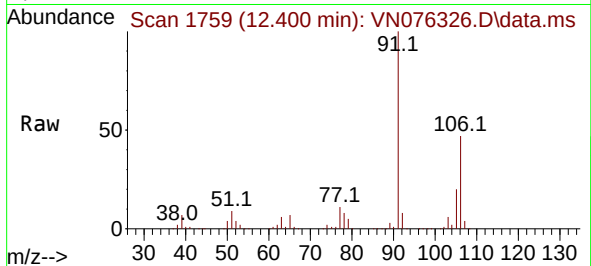




#69
o-Xylene
Concen: 27.833 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076326.D
Acq: 19 Jan 2023 16:31

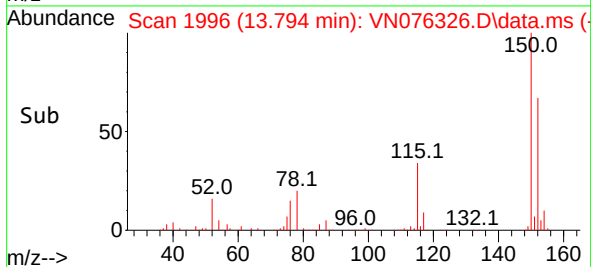
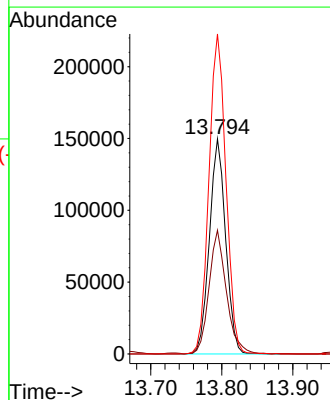
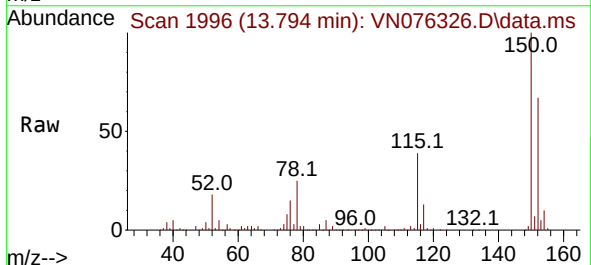
Instrument :
MSVOA_N
ClientSampleId :
33894DL

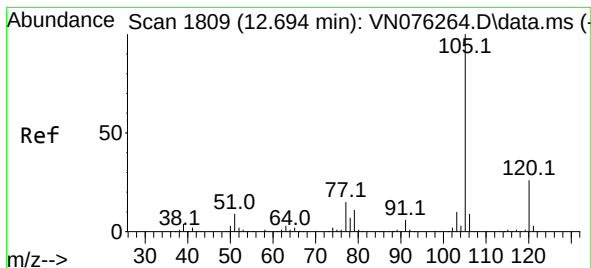
Tgt Ion:106 Resp: 208632
Ion Ratio Lower Upper
106 100
91 208.5 103.2 309.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076326.D
Acq: 19 Jan 2023 16:31

Tgt Ion:152 Resp: 238591
Ion Ratio Lower Upper
152 100
115 61.5 29.6 88.9
150 154.9 0.0 351.4





#73

Isopropylbenzene

Concen: 2.140 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN076326.D

Acq: 19 Jan 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

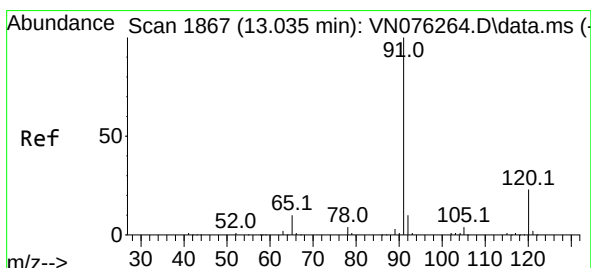
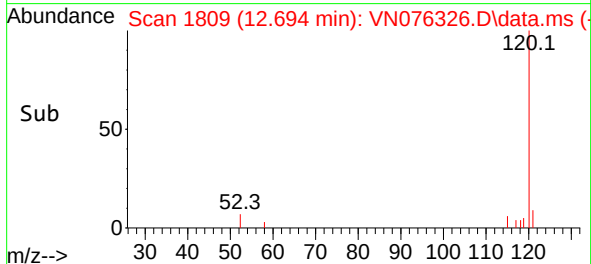
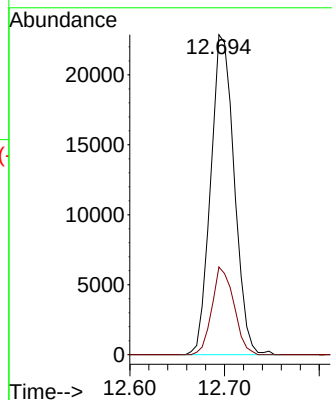
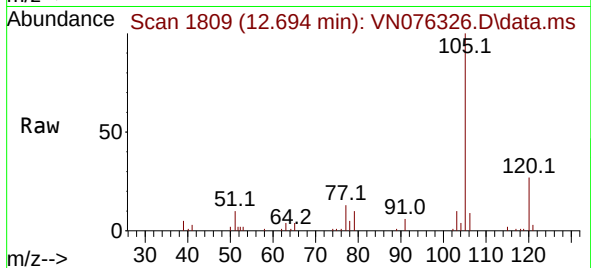
33894DL

Tgt Ion:105 Resp: 39504

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.1



#78

n-propylbenzene

Concen: 4.299 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN076326.D

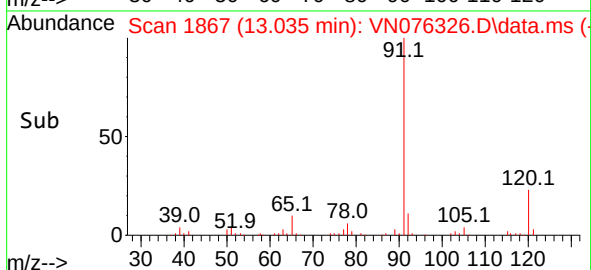
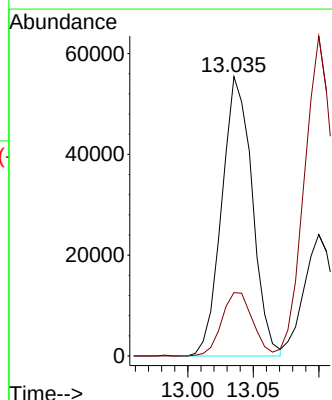
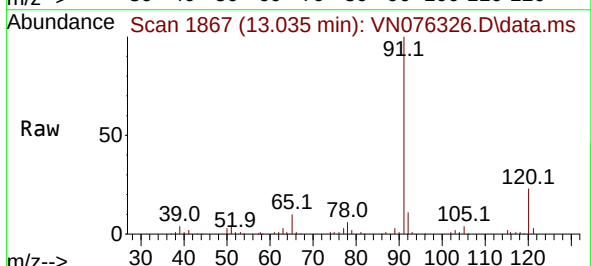
Acq: 19 Jan 2023 16:31

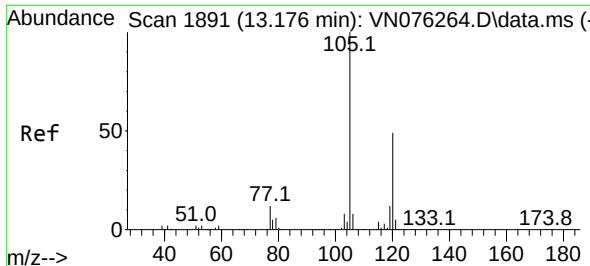
Tgt Ion: 91 Resp: 89531

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5

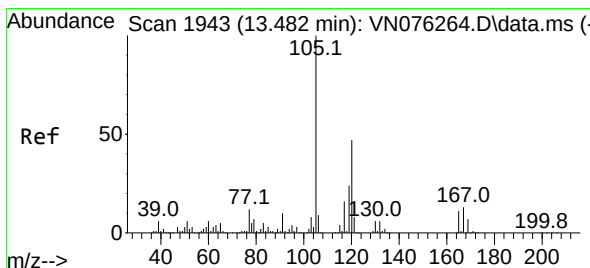
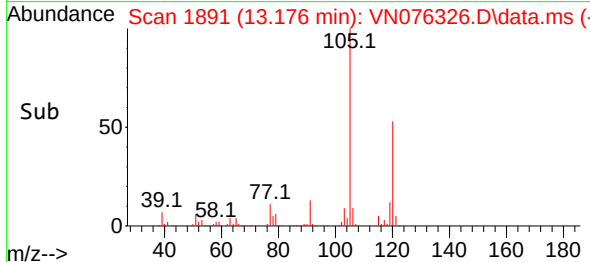
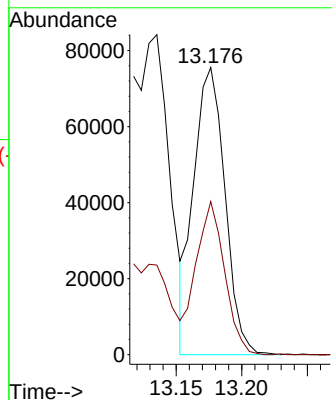
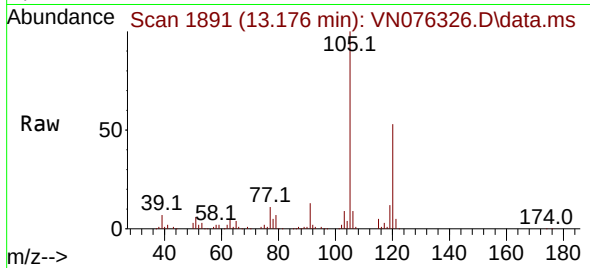




#80
 1,3,5-Trimethylbenzene
 Concen: 8.100 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN076326.D
 Acq: 19 Jan 2023 16:31

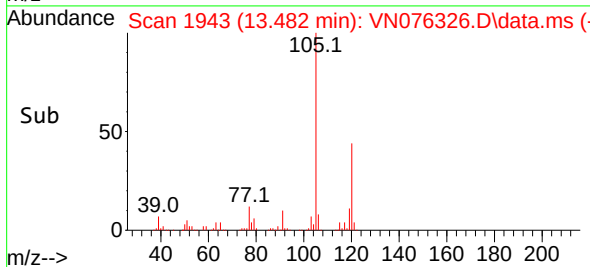
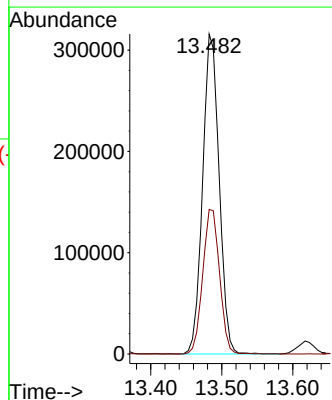
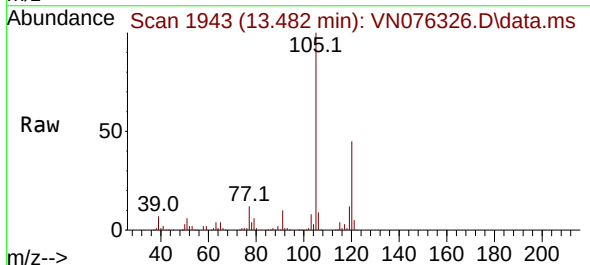
Instrument :
 MSVOA_N
 ClientSampleId :
 33894DL

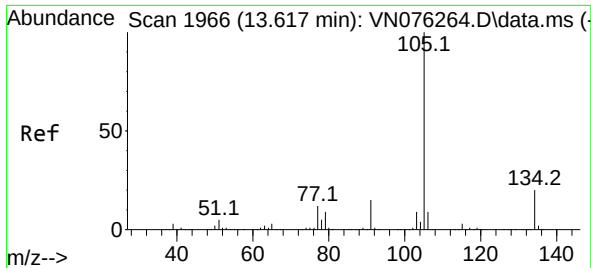
Tgt Ion:105 Resp: 125251
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.0 75.0



#84
 1,2,4-Trimethylbenzene
 Concen: 33.001 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076326.D
 Acq: 19 Jan 2023 16:31

Tgt Ion:105 Resp: 511686
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.5

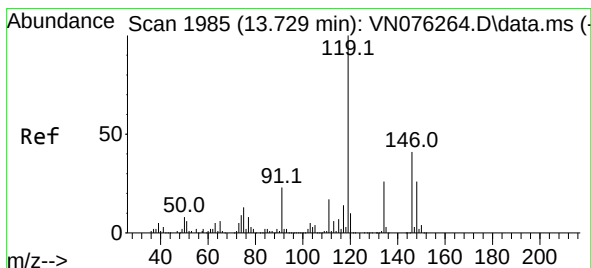
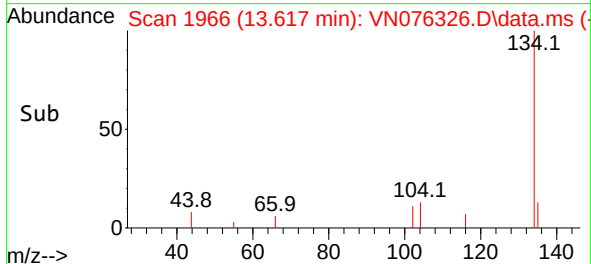
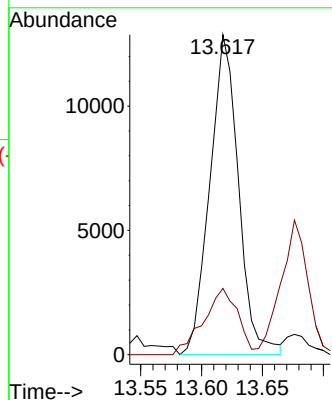
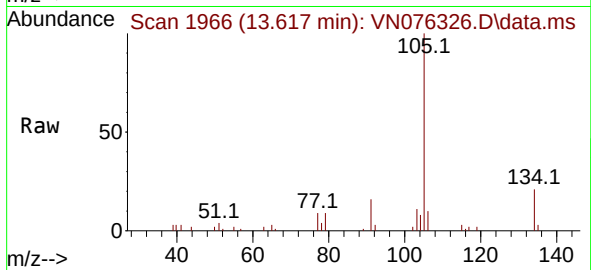




#85
 sec-Butylbenzene
 Concen: 1.106 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076326.D
 Acq: 19 Jan 2023 16:31

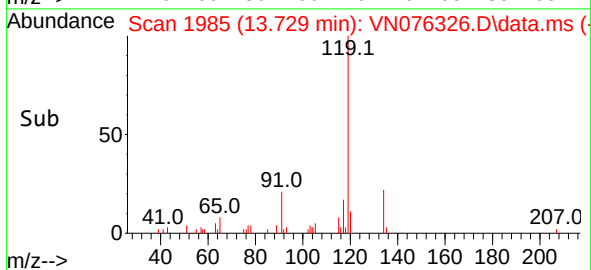
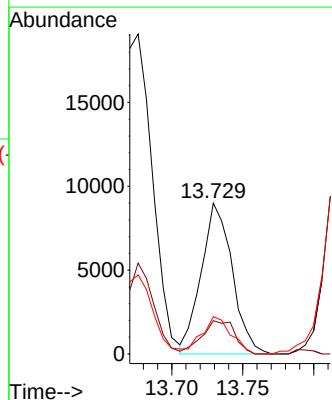
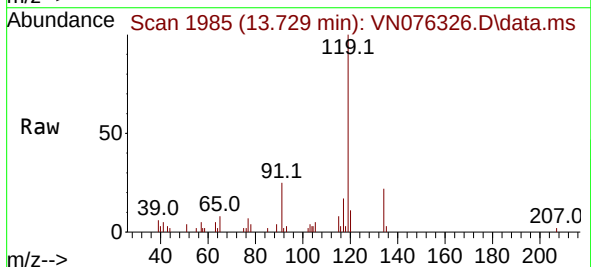
Instrument :
 MSVOA_N
 ClientSampleId :
 33894DL

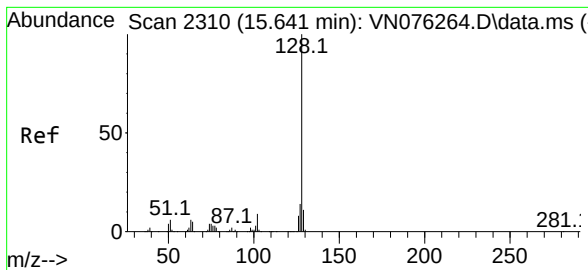
Tgt Ion:105 Resp: 21100
 Ion Ratio Lower Upper
 105 100
 134 24.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 0.871 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076326.D
 Acq: 19 Jan 2023 16:31

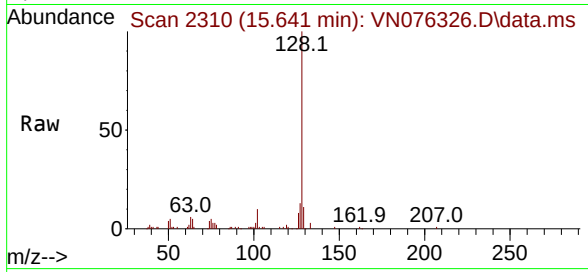
Tgt Ion:119 Resp: 13662
 Ion Ratio Lower Upper
 119 100
 134 23.4 13.2 39.6
 91 23.5 11.8 35.3





#95
Naphthalene
Concen: 7.912 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076326.D
Acq: 19 Jan 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
33894DL



Tgt Ion:	128	Resp:	78163
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	9.9	8.6	13.0

