

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076351.D
 Acq On : 20 Jan 2023 17:18
 Operator : JC\MD
 Sample : 01258-01
 Misc : 4.22g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-VOA-2

Quant Time: Jan 20 22:19:01 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)

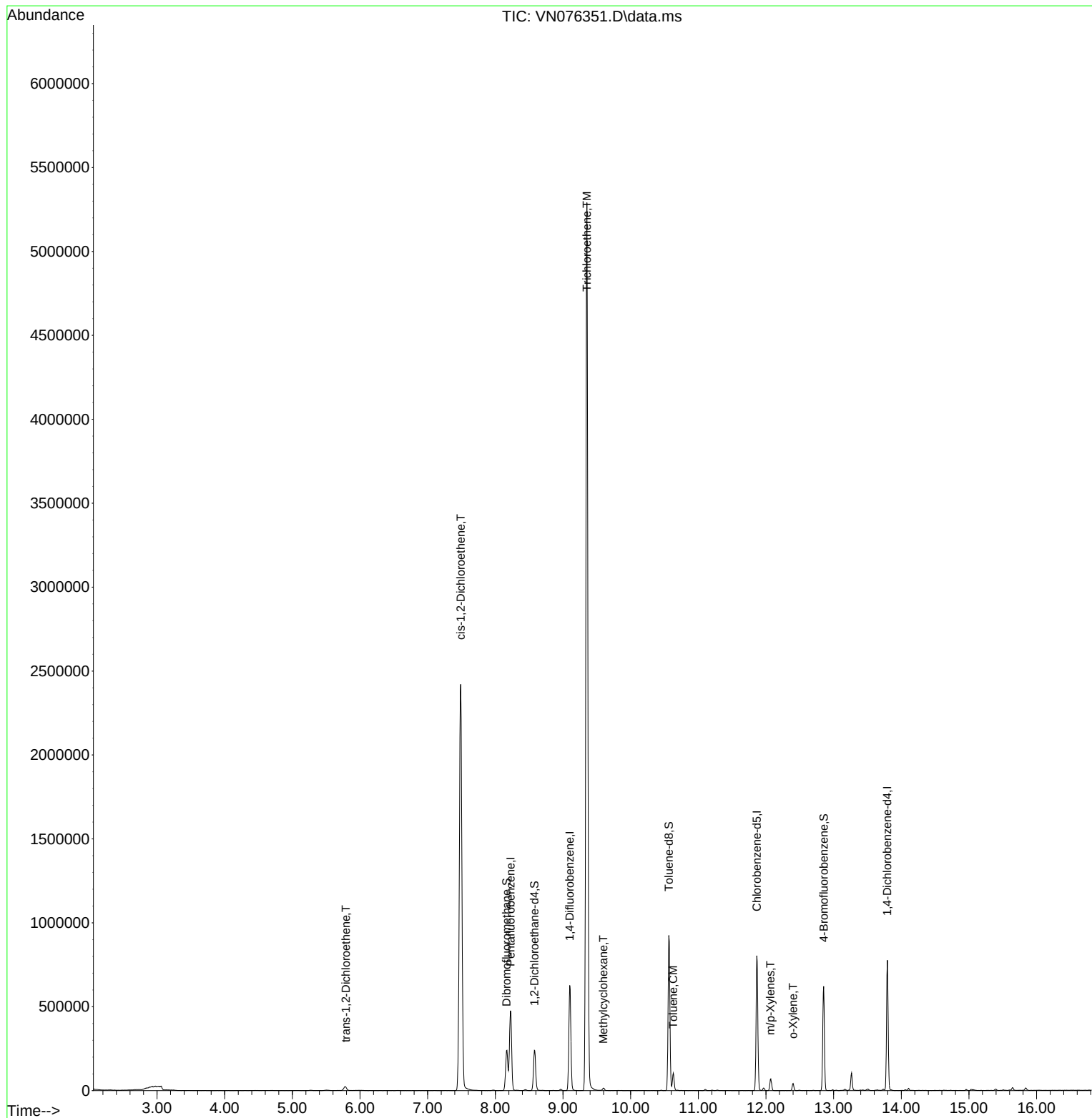
Internal Standards						
1) Pentafluorobenzene	8.224	168	368808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	583581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	494310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196368	47.553	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.100%		
35) Dibromofluoromethane	8.165	113	170724	46.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.540%		
50) Toluene-d8	10.565	98	657184	48.746	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.500%		
62) 4-Bromofluorobenzene	12.853	95	207189	47.075	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.160%		
Target Compounds						Qvalue
21) trans-1,2-Dichloroethene	5.789	96	16106	4.209	ug/l	91
27) cis-1,2-Dichloroethene	7.489	96	1577286	353.381	ug/l	90
39) Methylcyclohexane	9.594	83	6698	1.057	ug/l	89
44) Trichloroethene	9.353	130	1940489	442.327	ug/l	99
52) Toluene	10.630	92	45495	4.386	ug/l	98
68) m/p-Xylenes	12.065	106	22503	3.138	ug/l	99
69) o-Xylene	12.400	106	12958	1.840	ug/l	99

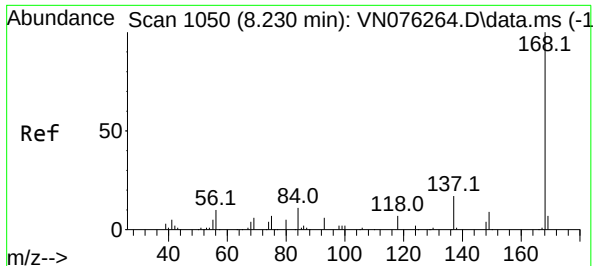
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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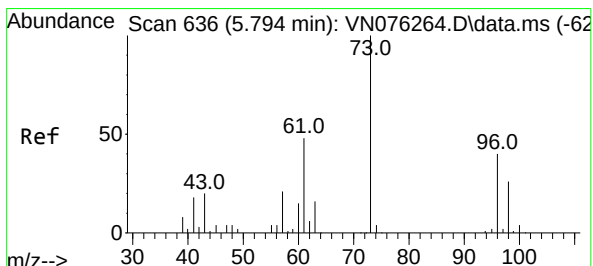
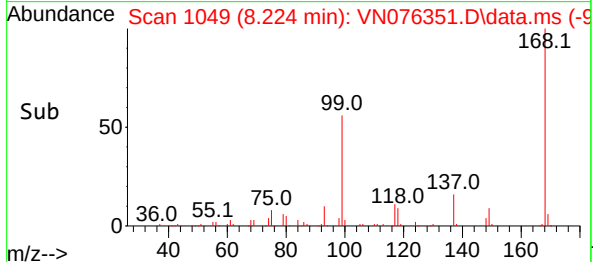
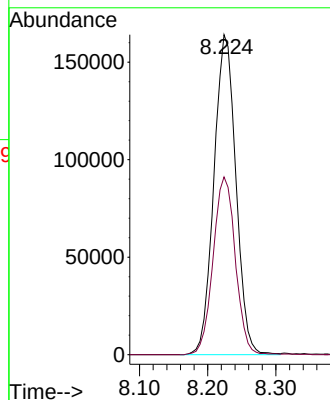
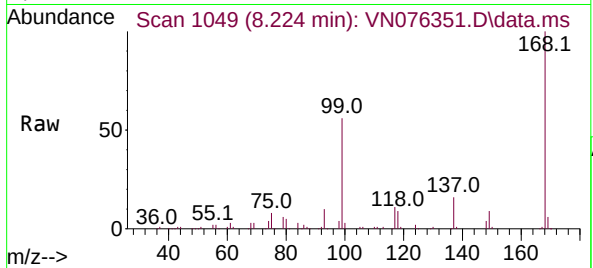




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076351.D
Acq: 20 Jan 2023 17:18

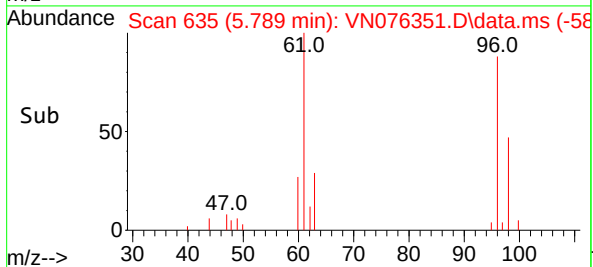
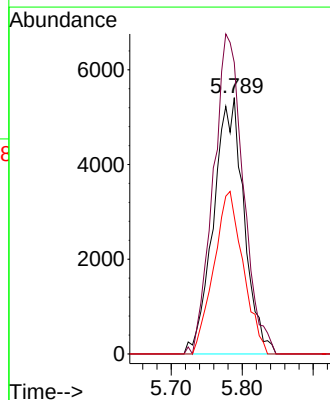
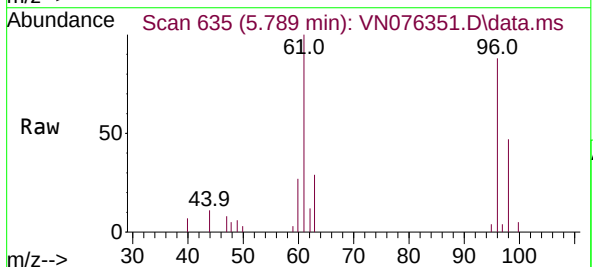
Instrument :
MSVOA_N
ClientSampleId :
WASTE-VOA-2

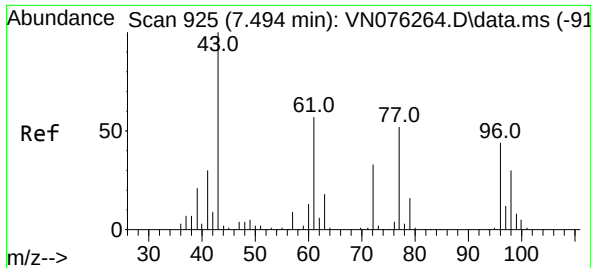
Tgt Ion:168 Resp: 368808
Ion Ratio Lower Upper
168 100
99 55.5 41.6 62.4



#21
trans-1,2-Dichloroethene
Concen: 4.209 ug/l
RT: 5.789 min Scan# 635
Delta R.T. -0.005 min
Lab File: VN076351.D
Acq: 20 Jan 2023 17:18

Tgt Ion: 96 Resp: 16106
Ion Ratio Lower Upper
96 100
61 113.7 97.0 145.4
98 53.5 51.9 77.9



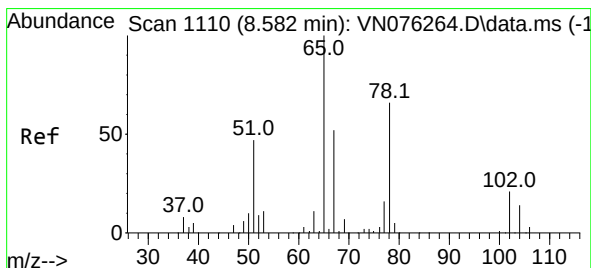
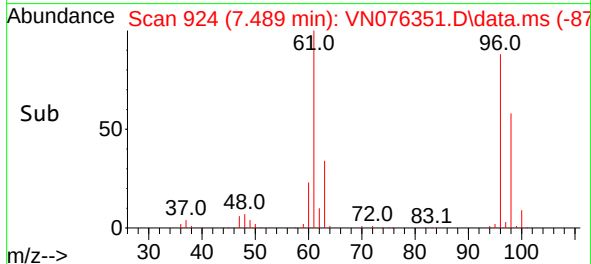
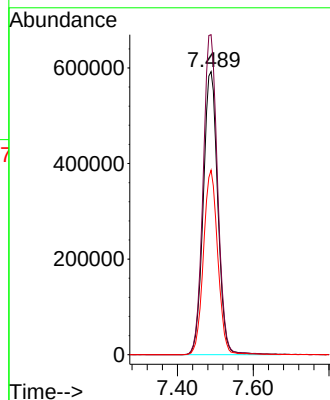
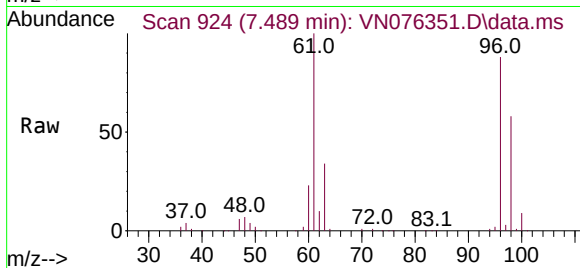


#27
 cis-1,2-Dichloroethene
 Concen: 353.381 ug/l
 RT: 7.489 min Scan# 91
 Delta R.T. -0.005 min
 Lab File: VN076351.D
 Acq: 20 Jan 2023 17:18

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-VOA-2

Tgt Ion: 96 Resp: 1577286

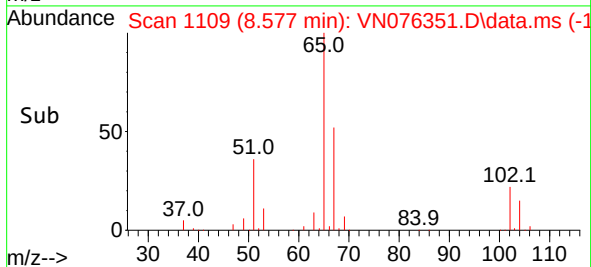
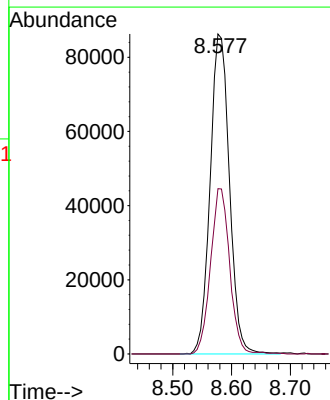
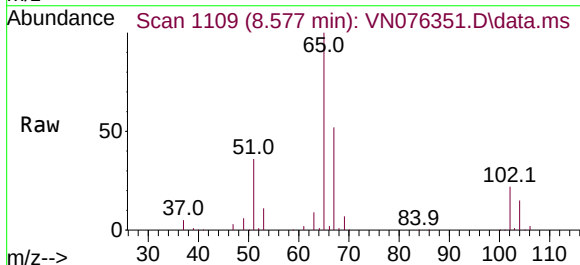
Ion	Ratio	Lower	Upper
96	100		
61	113.1	0.0	259.6
98	64.2	0.0	129.4

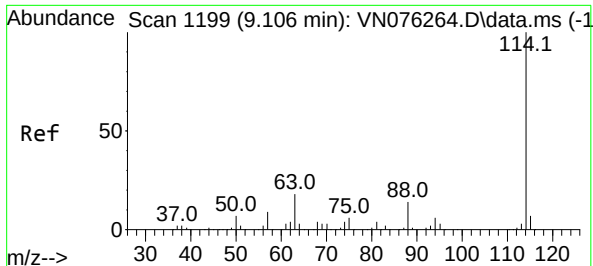


#33
 1,2-Dichloroethane-d4
 Concen: 47.553 ug/l
 RT: 8.577 min Scan# 1109
 Delta R.T. -0.005 min
 Lab File: VN076351.D
 Acq: 20 Jan 2023 17:18

Tgt Ion: 65 Resp: 196368

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076351.D

Acq: 20 Jan 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

WASTE-VOA-2

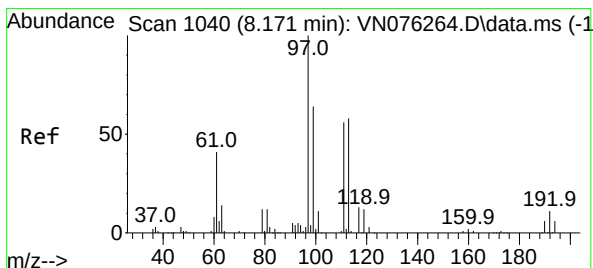
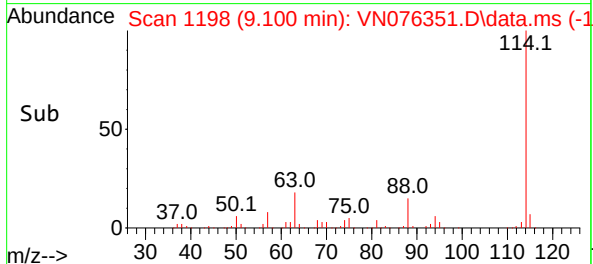
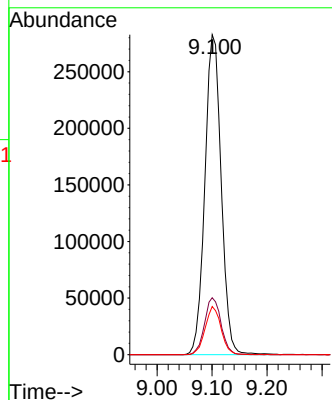
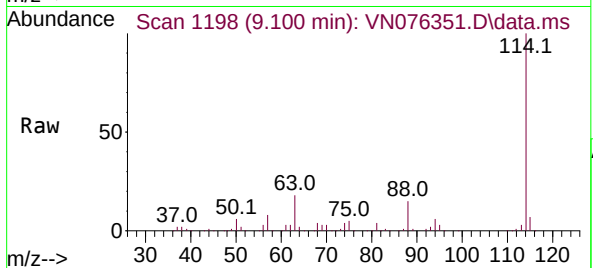
Tgt Ion:114 Resp: 583581

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

88 15.1 0.0 28.0



#35

Dibromofluoromethane

Concen: 46.767 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN076351.D

Acq: 20 Jan 2023 17:18

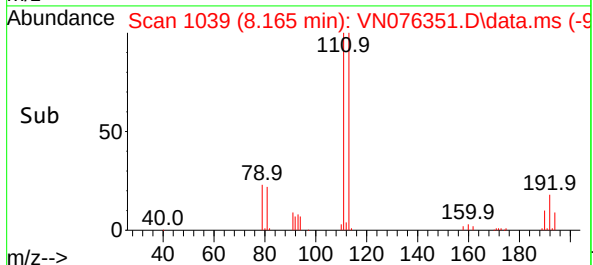
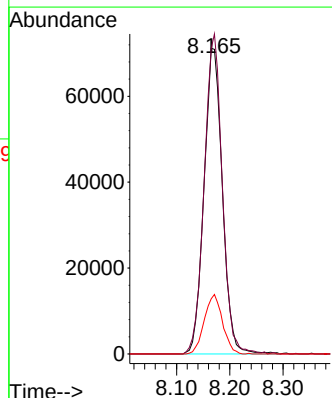
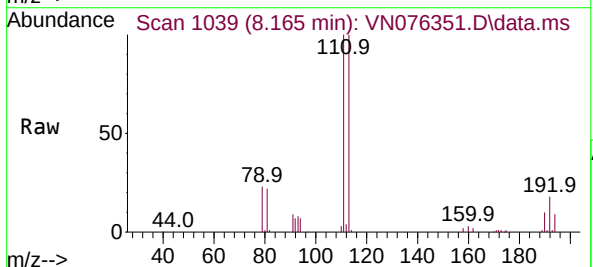
Tgt Ion:113 Resp: 170724

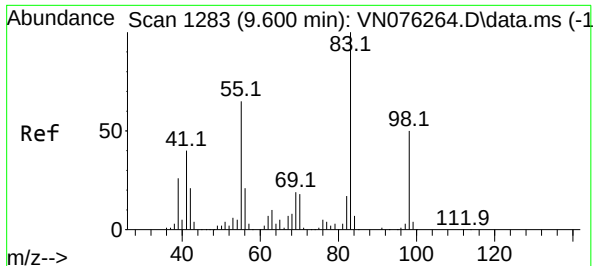
Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

192 19.2 15.6 23.4





#39

Methylcyclohexane

Concen: 1.057 ug/l

RT: 9.594 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN076351.D

Acq: 20 Jan 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

WASTE-VOA-2

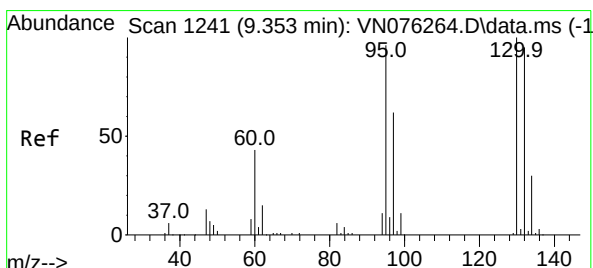
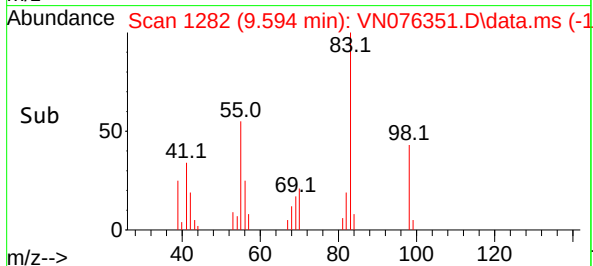
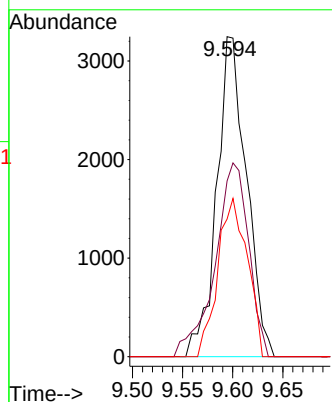
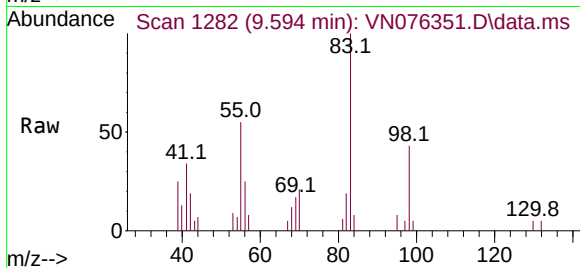
Tgt Ion: 83 Resp: 6698

Ion Ratio Lower Upper

83 100

55 54.9 51.7 77.5

98 43.0 40.0 60.0



#44

Trichloroethene

Concen: 442.327 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VN076351.D

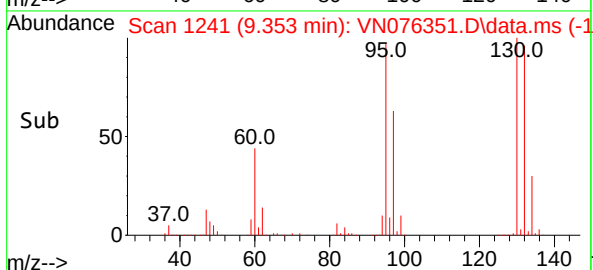
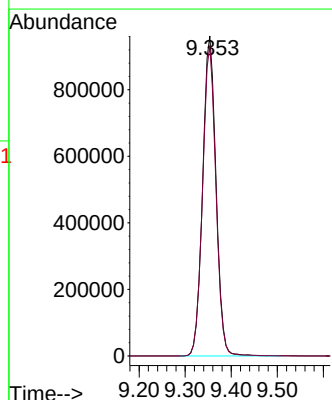
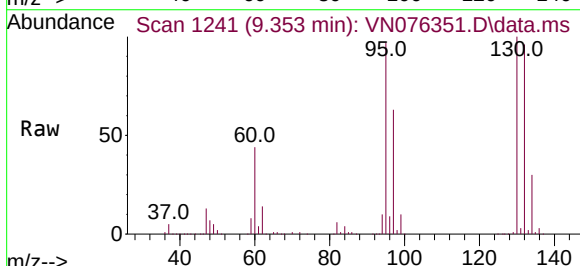
Acq: 20 Jan 2023 17:18

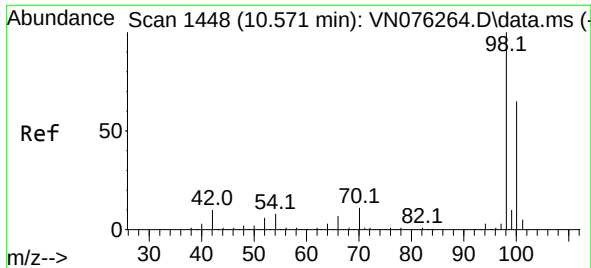
Tgt Ion:130 Resp: 1940489

Ion Ratio Lower Upper

130 100

95 97.0 0.0 192.0

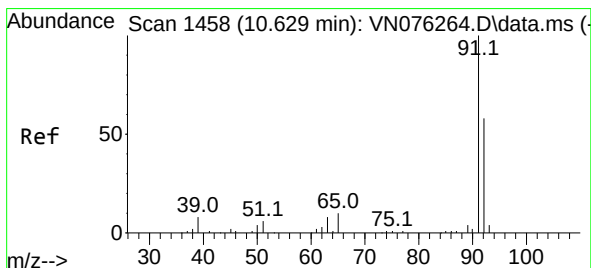
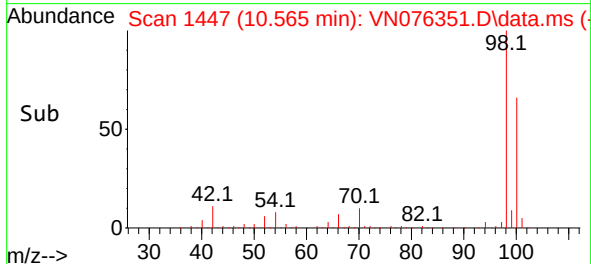
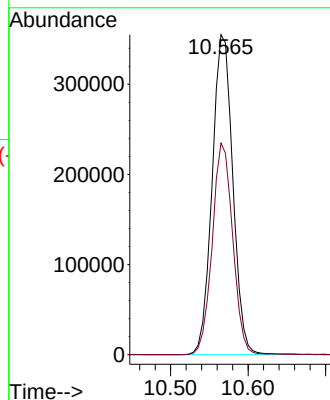
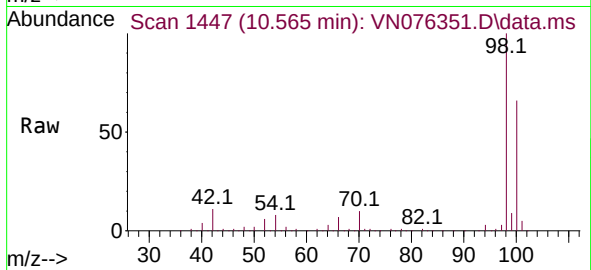




#50
Toluene-d8
Concen: 48.746 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076351.D
Acq: 20 Jan 2023 17:18

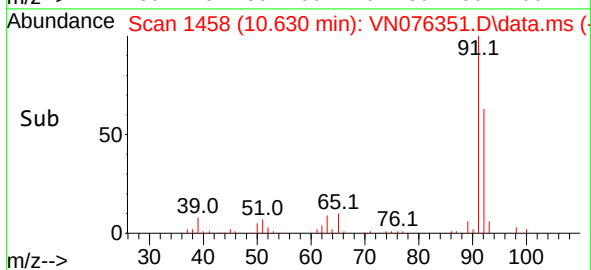
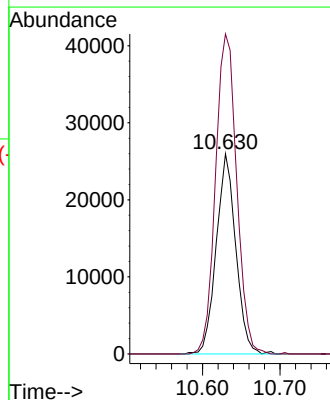
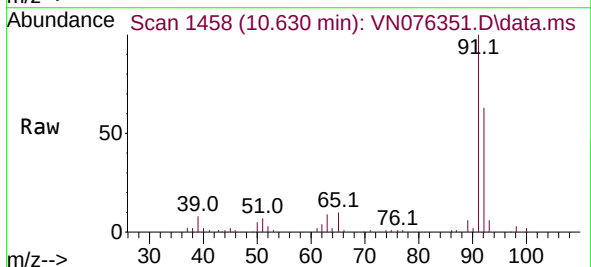
Instrument :
MSVOA_N
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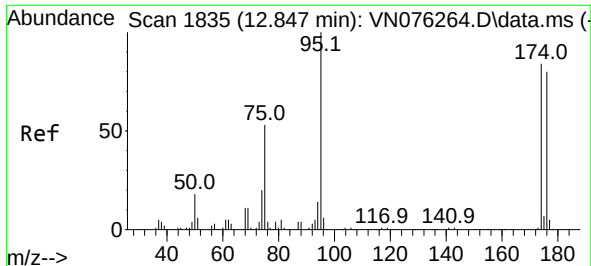
Tgt Ion: 98 Resp: 657184
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#52
Toluene
Concen: 4.386 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.001 min
Lab File: VN076351.D
Acq: 20 Jan 2023 17:18

Tgt Ion: 92 Resp: 45495
Ion Ratio Lower Upper
92 100
91 173.0 136.6 205.0

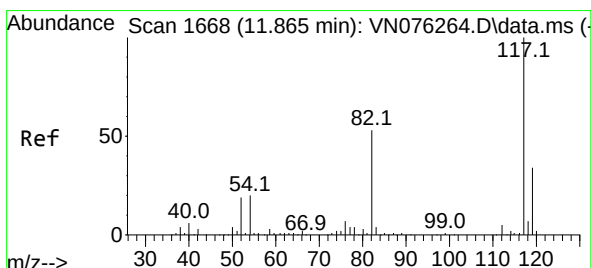
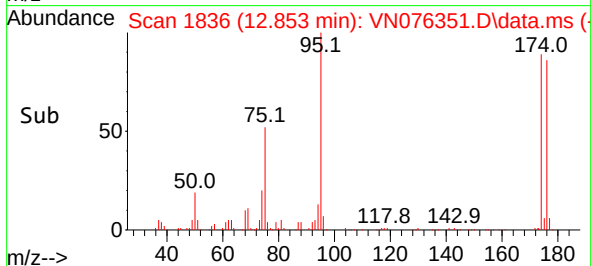
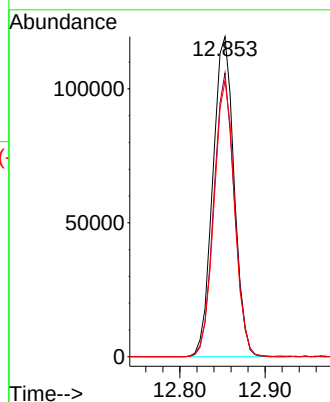
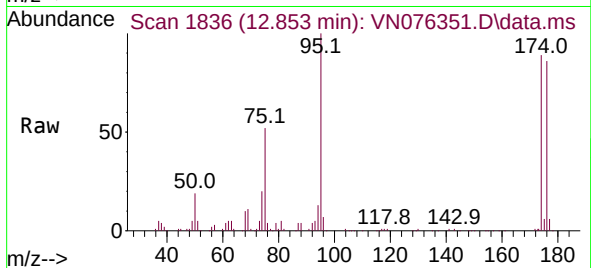




#62
4-Bromofluorobenzene
Concen: 47.075 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076351.D
Acq: 20 Jan 2023 17:18

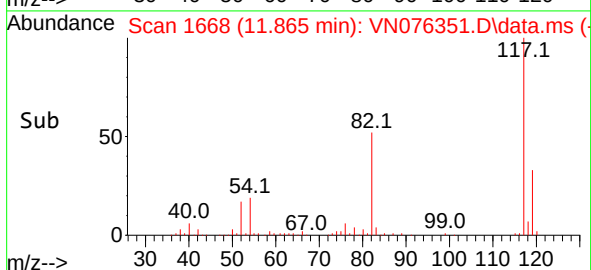
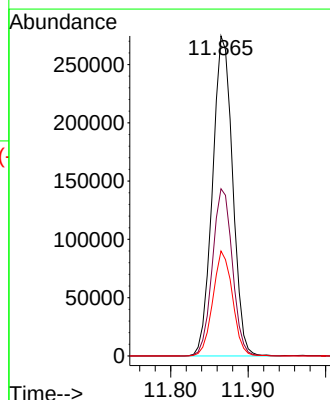
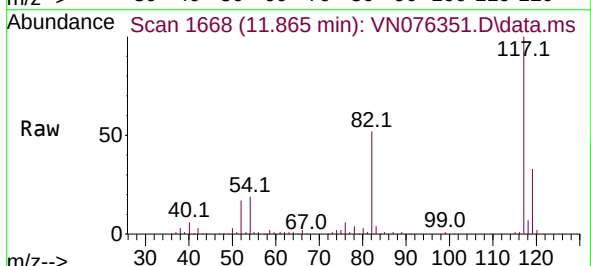
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ClientSampleId :
WASTE-VOA-2

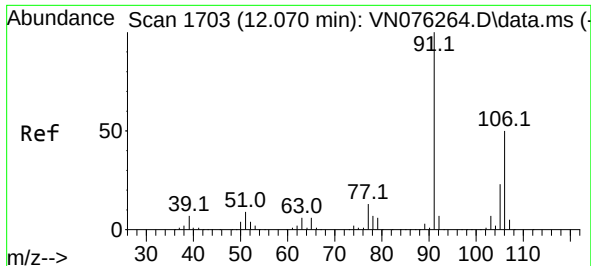
Tgt Ion: 95 Resp: 207189
Ion Ratio Lower Upper
95 100
174 85.1 0.0 174.6
176 83.1 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076351.D
Acq: 20 Jan 2023 17:18

Tgt Ion: 117 Resp: 494310
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 32.8 26.9 40.3

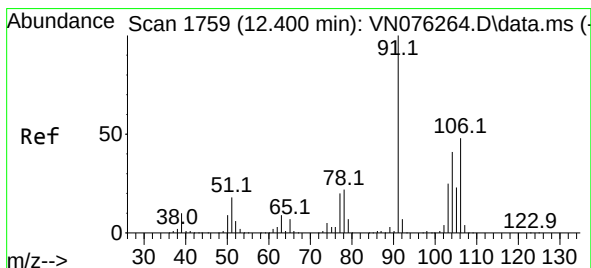
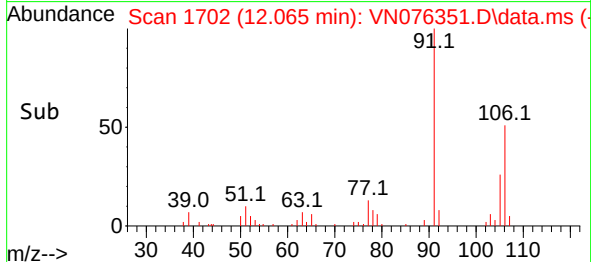
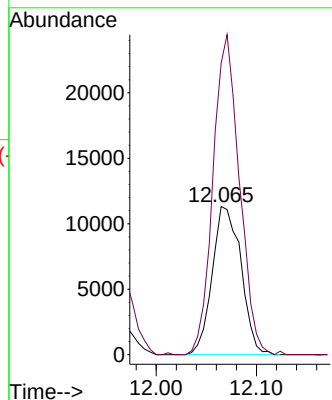
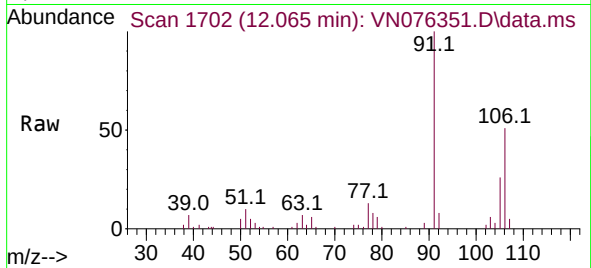




#68
m/p-Xylenes
Concen: 3.138 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN076351.D
Acq: 20 Jan 2023 17:18

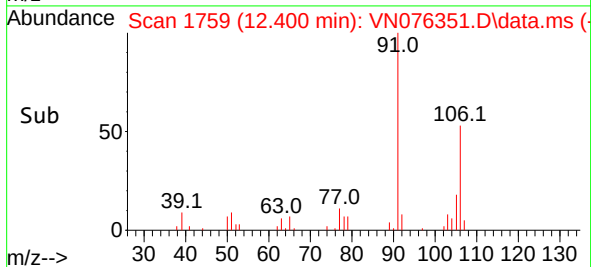
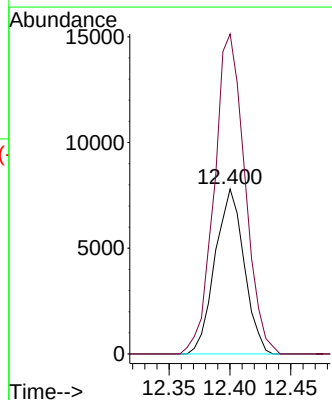
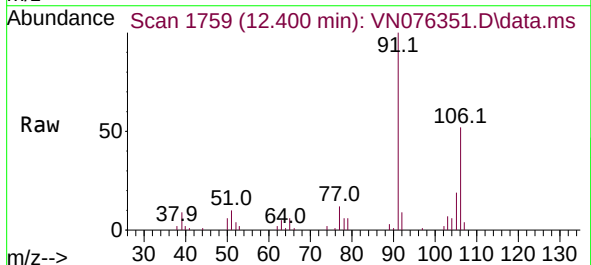
Instrument :
MSVOA_N
ClientSampleId :
WASTE-VOA-2

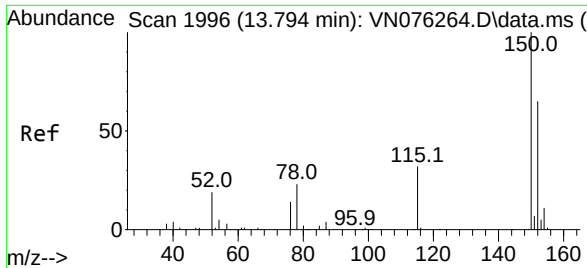
Tgt Ion:106 Resp: 22503
Ion Ratio Lower Upper
106 100
91 198.8 157.5 236.3



#69
o-Xylene
Concen: 1.840 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076351.D
Acq: 20 Jan 2023 17:18

Tgt Ion:106 Resp: 12958
Ion Ratio Lower Upper
106 100
91 204.5 103.2 309.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076351.D

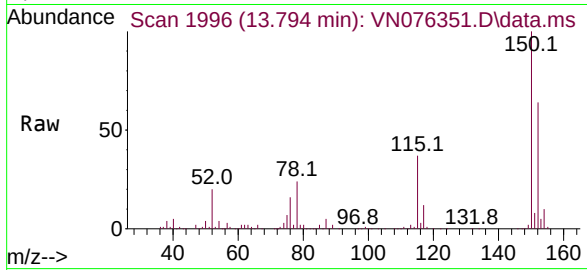
Acq: 20 Jan 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

WASTE-VOA-2



Tgt Ion:152 Resp: 217268

Ion Ratio Lower Upper

152 100

115 58.3 29.6 88.9

150 155.9 0.0 351.4

